SAC 2014

The Polar Battle

Results & Stories

The Scandinavian Activity Contest 2014

CW: 20-21 September **SSB: 11-12 October**

(Photo by SK6AW)

SAC 2014
Results & Stories

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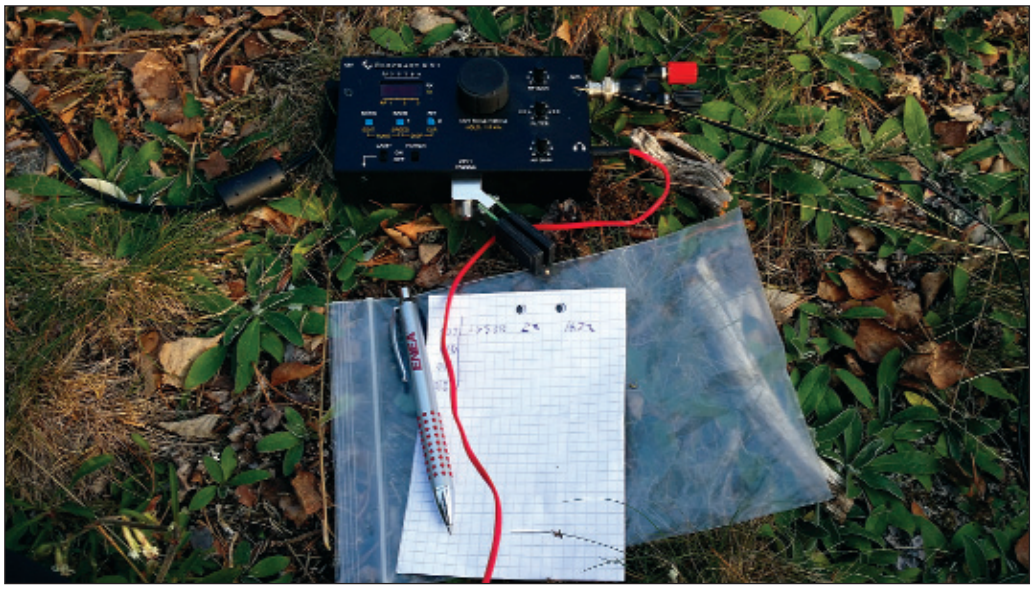


(Photo by SE0TTT)

SAC is fantastic – and so are You!

Last year's booklet was a success and very much appreciated, so we made another one for SAC 2014. Maybe you are reading it on your favourite Internet-connected device, or perhaps you've made a print-out to read in the old-fashioned way. We hope you will enjoy the results listings and the interesting stories from the participants.

Speaking of participants. Ham radio contesting is a fantastic type of "sporting" event in which all participants benefit from each other. High activity will lead to more fun for everyone. It's some sort of strange combination of radio operator skills, a marathon and a big QSO party at the same time. Without all the fantastic participants, SAC would be very boring. So we are very greatful to hear all new and old friends in each SAC. Thank You!

In SAC 2014 we introduced some new operating categories, essentially expanding the single operator categories for those who want to use the DX Cluster or the Reverse Beacon Network. We think it made it much easier for everyone to select the correct category and to not be tempted to use assistance while it wasn't allowed for most categories in the former rules.

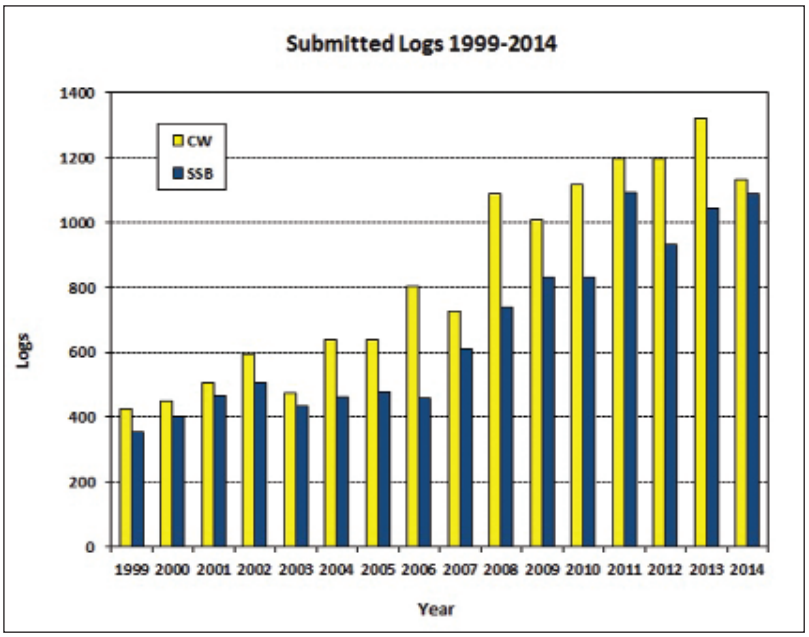
We also added lots of Sponsored SAC Plaques for different types of achievements. We are very grateful to all the sponsors who fully support SAC with great enthusiasm. Thank You!

This booklet contains all results for all continents. If you need to see how you did among your countrymen, just go to sactest.net and make your favourite result listing by making a specific search in the result database. While you're at it, don't forget to check your UBN file, and also download your own SAC 2014 Award, simply by clicking on the ranking figure on the left left in the listings. Two of the operations deserving special congratulations were by OH0V (op. OH6LI) on CW and SJ2W (op. SM2WMV) on SSB. Jukka OH6LI scored a new Scandinavian SOAB HP record from the Åland Islands, while Mikael SM2WMV was the first Swede to win the Scandinavian SOAB HP category in many, many years!

Finally we would sincerely thank all the 'SAC Story' contributors:

SE0TTT, ZL2B, DL1NKS, JG1VGX, CP6AA, GI4AAM, SK6AW, K8MFO, PY2ZXU, OZ7X, and SB3W!

SM5AJV / SE5E Ingemar
SAC Contest Committee Team Leader


Submitted Logs 1999-2014
CW
SSB
Logs
Year
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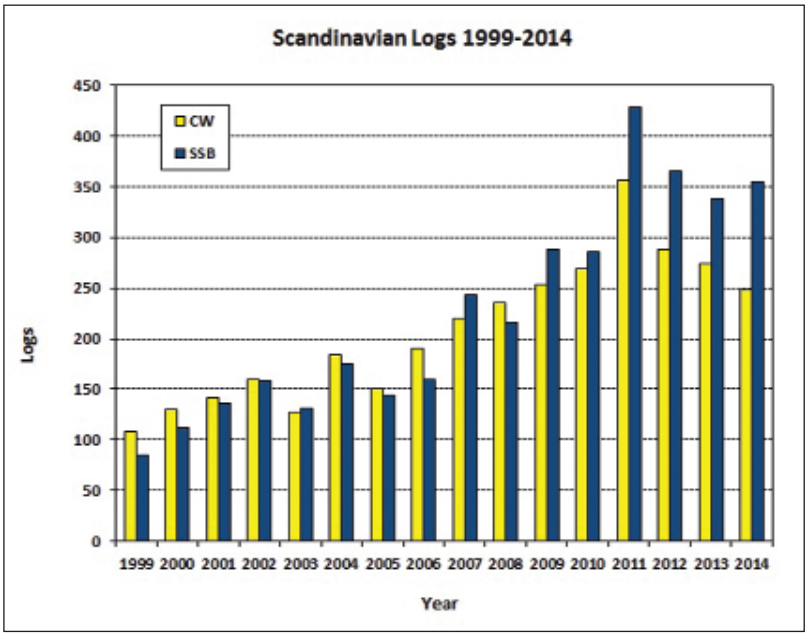
200
400
600
800
1000
1200
1400
1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014


Scandinavian Logs 1999-2014
CW
SSB
Logs
Year
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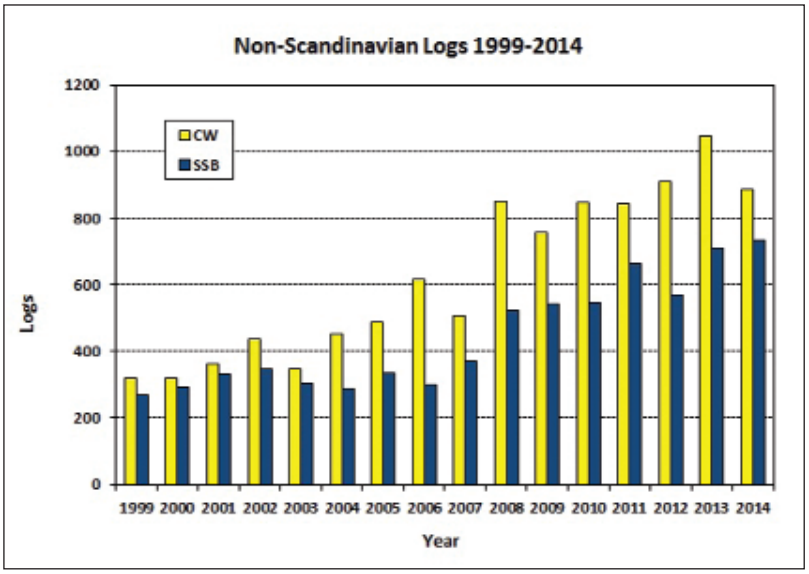
250
300
350
400
450
1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014


Non-Scandinavian Logs 1999-2014
CW
SSB
Logs
Year
0
200
400
600
800
1000
1200
1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014

Plaques

The SAC contest committee would like to congratulate the following winners of the SAC high-score plaques:

Scandinavia - CW

Single operator All band High power - Jukka Klemola, OH6LI (op. at OH0V)
Single operator Assisted All band High power - Morten Kvernmoen, LA9DFA (op. at LI3C)
Single operator All band Low power - Kari Korhonen, OH5TS
Single operator Assisted All band Low power - Dan Hultgren, SM5IMO (op. at SG5W)
Single operator All band Low power Tribander/Single-element - Mats Ericson, SM4EPR (op. at SK4EA)
Single operator All band QRP - Juha Cederlund, OH3RF
Single operator Assisted All band QRP - Bo Andersson, SM6FPG
Multi operator Single transmitter - Teemu Korhonen SM0W, Thomas Carlsson SM0CXU (op. at SM0W)
Multi operator Multi transmitter - OH1HS, OH1MM, OH1NOA, OH1RX, OH1TM (op. at OH1F)

Outside Scandinavia - CW

Single operator All band High Power Africa - Bengt Thorbjörnsson, CT9/SM5ALJ
Single operator All band High Power Asia - Vladimir Falshunov, UA9KAA
Single operator Assisted All band High Power Asia - Yuri Kurinyi, RG9A
Multi operator Single Transmitter Asia - Vladimir Zybaylov, R9IR, Sergey Podmarkov, RU9I (op. at UI9I)
Single operator All band High Power Europe - Vladimir Rybin, RA6GW
Single operator Assisted All band High Power Europe - Sergey S. Rebrov, UT5UDX (op. at UT0U)
Single operator Assisted Low band High Power Europe - Saulius Zalnerauskas, LY5W
Multi operator Single Transmitter Europe - 9A3NM, 9A5CM, 9A5TO, 9A7DX (op. at 9A5Y)
Single operator All band High Power North America - Allen Singer, N2KW (op. at AA2A @K1TTT)
Single operator Assisted All band High Power North America - George I. Wagner, K5KG
Single operator All band High Power Oceania - John Plenderleith, 9M6XRO
Single operator Assisted All band High Power Oceania - Frank Hunt, ZL2B
Single operator Assisted All band High Power South America - Ville Hiilesmaa, PY2ZEA
Single operator Assisted Low band High Power South America - Frank Francisco Buchanan, LU7YWC

Scandinavia - SSB

Single operator All band High power - Mikael Larsmark, SM2WMV (op. at SJ2W)
Single operator Assisted All band High power - Tapani Nisula, OH5BM
Single operator All band Low power - Jussi-Pekka Sampola, OH6RX
Single operator Assisted All band Low power - Martin Bjorkman, SM5XSH (op. at SE5S)
Single operator All band Low power Rookie - Mikael Johansson, SA2CEM
Single operator All band Low power Tribander/Single-element - Jukka Suonpää, OH3JP
Single operator All band QRP - Jan Erik Thomte, LA1DSA
Single operator Assisted All band QRP - Mats Sundin, SM0FPR
Multi operator Single transmitter - Martti Laine OH2BH, Pekka Holstila OH2TA (op. at OH0AM)
Multi operator Multi transmitter - SM5PHU, SM3SGP, SM5EPO, SM5AJV, SM0SHG, SA5BJM, SA0BVX (op. at SK3W)

Outside Scandinavia - SSB

Single operator All band Low Power Africa - Kari Hirvonen, EA8/OH2BP
Single operator All band High Power Asia - Choigonjav Chadraabal, JT1CO
Single operator Assisted All band High Power Asia - Charilei Ho Chi Ming, VR2XMT
Multi operator Single transmitter Asia- Can Kurtulmus TA1CR, Tevfik Aydin "Tev" Kazancioglu TA1HZ (op. at TC2C)
Single operator All band High Power Europe - Mitrut Marius, YO3CZW (op. at YP0C)
Single operator Assisted All band High Power Europe - Marko Zivkovic, OU5A (op. at YT2T)
Single operator Assisted Low band High Power Europe - Rimgaudas Almonaitis, LY3BB
Multi operator Single transmitter Europe - Ferenc Kincses HA5MY, Tibor (Tibi) Nemeth HA7TM (op. at HG7T)
Single operator All band High Power North America - Donald Karvonen, K8MFO
Single operator Assisted All band High Power North America - Willliam T Brady, N4LA
Multi operator Single transmitter North America - Donald Edward Moman VE6JY, Avard Mann VA6MA (op. at VE6JY)
Single operator All band High Power Oceania - Yohanes Budhiono, YB2DX
Single operator Assisted All band High Power Oceania - Abbas Capr, YC9WIC
Multi operator Single transmitter Oceania - YB3BX, YB3KK, YC3FZ, YD3BND, N1IP (op. at YB3ZCD)
Single operator All band High Power South America - Thomas Carlsson, PY2ZXU
Single operator All Assisted band High Power South America - Vagner Adelino Alvarez, PY5DC

(Photo by OZ7X)

Sponsored plaques

SAC 2014 introduced a program in which individual hams or clubs may sponsor plaques to recognize special achievements. This benefits all SAC entrants by increasing activity and competitive participation.

We would like to congratulate the following plaque winners and thank the sponsors for their support!

Winners of Sponsored Plaques - Outside Scandinavia

Worked most LA - Vladimir Scherbakov, RA3Y (Sponsor: Morten Kvernmoen, LA9DFA)
Worked most OH - Bryn Tinton, G3SWC (Sponsor: Kim Östman, OH6KZP)
Worked most OZ - Mike Bulatov, RT4W (Sponsor: Thomas Andersen, OZ1AA)
Worked most SM - Istvan Vajda, HA3MY (op. at HG3M) (Sponsor: Fernebo Contest Team, SK3W)
Worked most TF - Janis Oskars Vanags, YL3AD (Sponsor: Thorvaldur Stefansson, TF4M)
Best YL/XYL - Maria Gangl, OE3MFC (Sponsor: Veijo Kontas, OH6KN)
Best AF - Kari Hirvonen, EA8/OH2BP (Sponsor: Jari Talkara, OH1BOI)
Best JA - Rin Fukuda, JG1VGX (Sponsor: Jan Hubach, OH1ZAA)
Best NA - Donald Karvonen, K8MFO (Sponsor: Hans Johansson, SM0IMJ)
Best SA - Ville Hiilesmaa, PY2ZEA (Sponsor: Peter Andersson, SM6MCW)
Best Baltic - Rimas Baltusis, LY6A (Sponsor: Jyrki Nieminen, OH6CS)
Best Baltic Low Band - Saulius Zalnerauskas, LY5W (Sponsor: Mats Strandberg, SM6LRR (RM2D))
Best UK and Republic of Ireland - Bryn Tinton, G3SWC (Sponsor: Olof Lundberg, G0CKV)
Best European Russia - Vladimir Scherbakov, RA3Y (Sponsor: Mats Strandberg, SM6LRR (RM2D))
Best Asiatic Russia - Yuri Kurinyi, RG9A (Sponsor: Mats Strandberg, SM6LRR (RM2D))
Most QSOs - Marko Zivkovic, OU5A (op. at YT2T) (Sponsor: Contest Club Finland)
Most multipliers - Marko Zivkovic, OU5A (op. at YT2T) (Sponsor: Rune Wande, SM5COP)
CW: Best BY - Dale Yu, BA4TB (Sponsor: Esa Korhonen, OH7WV)
CW: Best accuracy (> 200 QSOs) - Alexander V. Novichikhin, UA3QAM (Sponsor: Henning Andresen, OZ1BII)
CW: Best QRP outside Europe - Alexander Bogachenko, RA9SO (Sponsor: Juha Cederlund, OH3RF)
SSB: Best BY - Huang Jian Peng, BD7IS (Sponsor: Esa Korhonen, OH7WV)
SSB: Best accuracy (> 200 QSOs) - Vladislav Kvapil, OK1JOC (Sponsor: Contest Club Finland)
SSB: Best HS - Ralph Browne, HS0ZHC (Sponsor: Markku Korhonen, OH8UV)

Winners of Sponsored Plaques - Scandinavia

CW: Best accuracy (> 300 QSOs) - Henrik K. Moller, OZ6TL (Sponsor: Ojojoj Music AB, SM2DMU)
SSB: Best accuracy (> 300 QSOs) - Martin Björkman, SE5S (Sponsor: Ojojoj Music AB, SM2DMU)
CW + SSB: Best YL/XYL - Marita Ritmala-Castren, OH5KIZ (Sponsor: Ojojoj Music AB, SM2DMU)
CW: SOAB HP Unassisted Sweden - Per Eklund, SM2LIY (op. at SJ2W) (Sponsor: Mikael Larsmark, SJ2W)
SSB: SOAB HP Unassisted Sweden - Mikael Larsmark, SM2WMV (op. at SJ2W) (Sponsor: Mikael Larsmark, SJ2W)

SAC Scandinavian Cup 2014

No	Country	CW logs	CW score	SSB logs	SSB score	Total logs	Total score
1	OH - Finland	94	23.460.538	122	19.689.900	216	43.150.438
2	SM - Sweden	95	22.056.877	136	20.195.298	231	42.252.175
3	LA - Norway	24	8.327.630	47	4.054.190	71	12.381.820
4	OH0 - Aland Islands	3	4.263.990	5	3.233.403	8	7.497.393
5	OZ - Denmark	20	3.025.738	38	3.428.493	58	6.454.231
6	TF - Iceland	3	569.817	2	344.622	5	914.439
7	OJ0 - Market Reef	1	653.235	0	0	1	653.235
8	OY - Faroe Islands	1	319.116	0	0	1	319.116
9	JW - Svalbard	0	0	1	183.456	1	183.456

(Photo by OZ1AA)

SAC CW 2014

AFRICA

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	CT9/SM5ALJ	181	235	91	21.385	CT9/SM5ALJ

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	EA8AVK	82	82	36	2.952	
2	ZS5XT	15	15	13	195	ZS5XT

ASIA

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	UA9KAA	503	937	140	131.180	UA9KAA
2	C4Z	456	640	136	87.040	C4Z
3	UA9BA	215	401	101	40.501	
4	JG1VGX	268	356	95	33.820	JG1VGX
5	HS0ZDY	204	268	94	25.192	HS0ZDY
6	UN3M	257	257	79	20.303	
7	HS0ZLM	164	164	65	10.660	HS0ZLM
8	RW0AB	126	126	54	6.804	
9	JH1FNU	99	135	48	6.480	
10	JR2PMT	103	117	51	5.967	
11	R0AA	103	103	52	5.356	R0AA
12	RU9SB	57	119	44	5.236	
13	A65BD	88	88	51	4.488	G4BWP
14	BA4TB	87	87	42	3.654	
15	EX8BN	61	79	45	3.555	EX8BN
16	4X0A	98	98	31	3.038	4X1VF
17	JA3DAY	73	73	38	2.774	JA3DAY
18	JJ3JJL	56	66	38	2.508	
19	JH8CXW	48	66	36	2.376	
20	JH8GEU	47	67	31	2.077	
21	JA0IOF	58	62	23	1.426	
22	JA3AVO	36	36	18	648	
23	HL5YI	18	18	16	288	HL5YI
24	JH1NXU	18	18	14	252	
25	JH1ACA	13	25	10	250	
26	JS3LSQ	15	15	11	165	
27	JF3LOP	9	9	9	81	
28	JI5NWQ	5	5	4	20	
29	JA7OWD	4	4	4	16	

Single Operator Assisted All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	RG9A	765	1.345	186	250.170	RG9A
2	RF9C	400	802	162	129.924	UA9CIR
3	JA6BZI	129	155	64	9.920	JA6BZI
4	TA5FA	83	115	56	6.440	TA5FA
5	JH2FXK	70	108	44	4.752	JH2FXK
6	JO7KMB	82	82	40	3.280	
7	JM2RUV	54	54	28	1.512	
8	RA0AM	22	22	17	374	RA0AM
9	JF2IWL	24	24	15	360	JF2IWL

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	UA9FGJ	426	714	150	107.100	
2	R9AB	394	686	148	101.528	R9AB
3	UA8AA	421	649	148	96.052	UA5F
4	R9AX	433	671	142	95.282	R9AX
5	4K6FO	346	518	144	74.592	
6	UN6P	303	441	138	60.858	
7	RW0AJ	328	456	124	56.544	RW0AJ
8	UN5C	321	455	124	56.420	
9	UN6LN	345	445	95	42.275	UN6LN
10	UN7CN	257	333	110	36.630	
11	RN9RF	259	299	97	29.003	
12	R9XS	205	305	82	25.010	
13	4K9W	207	261	82	21.402	
14	R9QQ	204	238	87	20.706	
15	RL9I	167	215	78	16.770	RL9I
16	R8WO	178	188	80	15.040	R8WO
17	E21YDP	144	156	74	11.544	E21YDP
18	4Z5LU	133	157	73	11.461	4Z5LU
19	RT8O	148	148	57	8.436	
20	UA9SMU	80	240	30	7.200	UA9SMU
21	RU9WZ	91	113	51	5.763	
22	JA4XHF/3	97	107	42	4.494	
23	JA3JM	78	90	37	3.330	
24	UA9OQM	50	96	31	2.976	
25	JA1CP	63	65	39	2.535	JA1CP
26	UN8FM	54	62	39	2.418	
27	UA9NP	61	61	39	2.379	
28	JR7RZK	60	60	38	2.280	
29	RA9YUI	52	52	34	1.768	
30	JF2FIU	66	66	26	1.716	
31	JA1HFY	57	57	30	1.710	
32	JA2KKA	54	70	24	1.680	
33	JA2QVP	61	61	27	1.647	
34	JE3UHV	53	53	29	1.537	
35	JJ1KZZ	53	53	25	1.325	
36	JA6CM	47	47	28	1.316	
37	JR3BOT	62	62	21	1.302	JR3BOT
38	RW0LCN	51	51	24	1.224	
39	JA8AJE	48	54	21	1.134	
40	JH2RMU	51	51	22	1.122	
41	JE8KGH	46	46	22	1.012	
42	JA2HNP	46	46	21	966	
43	7M1MCY	42	42	23	966	7M1MCY
44	BH1KVZ	34	34	28	952	BH1KVZ
45	JA3VOV	31	47	20	940	
46	JA1SCE	44	44	21	924	
47	JO1WIZ	44	44	20	880	
48	JA3IKG	41	41	21	861	
49	R0QA	37	37	21	777	R0QA
50	E29BUQ	33	33	21	693	E29BUQ
51	JF1DIR	36	36	18	648	
52	JA6CVR	35	35	18	630	
53	JA6FFK	37	37	16	592	
54	7K4VPV	28	28	20	560	7K4VPV
55	JS1KKY	27	27	19	513	JS1KKY
56	BX4ABN	25	25	18	450	BX4ABN
57	JA7ARW	29	29	15	435	
58	UA0A	24	24	16	384	UA0A
59	JA5IVG/5	22	22	15		
60	JH3BYX	24	24	13	312	
61	JK8PBO	20	20	13	260	
62	JE1HTV	20	20	13	260	
63	JA1MZM	20	20	13	260	JA1MZM
64	JN1BBO	16	16	14	224	
65	JA1OHP	18	18	12	216	
66	JA7MWC	17	17	9	153	JA7MWC
67	JA0BJY	15	15	10	150	
68	BD8SZ	7	21	5	105	BD8SZ
69	JP3IBB	9	9	9	81	
70	YM3KM	9	9	7	63	TA3BH
71	RA0ANO	6	14	4	56	RA0ANO
72	JR7ASO	7	7	7	49	
73	JG1WKM	6	6	6	36	
74	JL1QDO	4	4	4	16	
75	JG2QUM	2	2	2	4	
76	UN7LZ	1	1	1	1	UN7LZ
77	JP1EHC	1	1	1	1	
78	JR3KAH	1	1	1	1	

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	RA9AP	624	1.014	177	179.478	RA9AP
2	R9RT	433	645	154	99.330	
3	RA9MX	388	594	142	84.348	
4	RW9C	193	253	73	18.469	
5	RA9UN	132	132	64	8.448	RA9UN
6	TA3X	92	120	57	6.840	
7	JM1NKT	121	121	48	5.808	JM1NKT
8	7Z1HL	91	91	46	4.186	7Z1HL
9	UA9UKL	95	95	42	3.990	UA9UKL
10	BG5JND	48	68	36	2.448	BG5JND
11	JG3RPL	47	47	26	1.222	
12	JA2GHP	35	35	22	770	JA2GHP
13	BA3TT	34	34	18	612	BA3TT
14	JF1KWG	29	29	16	464	
15	JE2VYM	21	21	16	336	
16	HL5JCB	20	20	14	280	HL5JCB
17	JK2VOC	19	19	12	228	
18	JG1APX	5	5	3	15	

Single Operator All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	RA9SO	298	474	114	54.036	RA9SO
2	RA0AY	130	190	68	12.920	
3	UA0SBQ/P	78	86	49	4.214	UA0SBQ
4	JK7UST	34	34	20	680	
5	JH1GNU	10	10	8	80	JH1GNU
6	JG1BGT	6	6	6	36	JG1BGT
7	JA4GNK	3	3	3	9	

Single Operator Assisted All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	UN8PT	71	73	32	2.336	UN8PT
2	JA0VTK	72	72	29	2.088	JA0VTK
3	VU2UR	38	38	33	1.254	

Multi Operator Single Transmitter

Rank	Call	QSO	Points	Mult.	Score	Operators
1	UI9I	213	493	113	55.709	R9IR RU9I

Checklogs

4L1MA, BA4MY, JA6BWH, JR1LLD, JS1IFK, RA9AN, RN9N, UA9CHL, UN9LU, VU2JOS, VU2PTT

EUROPE

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	RA6GW	484	484	166	80.344	RA6GW
2	IZ3SQW	487	487	159	77.433	
3	DJ9DZ	477	477	155	73.935	
4	ON4BF	457	457	149	68.093	ON4RU
5	UX5UO	434	434	150	65.100	
6	HA8VK	408	408	150	61.200	HA8VK
7	RA3NC	428	428	141	60.348	
8	G3SWC	408	408	139	56.712	G3SWC
9	SP9GR	382	382	132	50.424	SP9GR
10	YQ6A	337	337	145	48.865	YO6BHN
11	OM3CND	331	331	143	47.333	OM3CND
12	YL5X	334	334	140	46.760	YL5X
13	UA6GE	322	322	137	44.114	
14	UT2UB	305	305	135	41.175	
15	UX3HA	319	319	128	40.832	
16	OM5WW	295	295	128	37.760	
17	R4MZ	294	294	109	32.046	
18	RL4A	270	270	110	29.700	
19	US1IV	229	229	104	23.816	
20	YO6FGZ	234	234	101	23.634	YO6FGZ
21	F4WAX	246	246	95	23.370	F4WAX
22	RK4A	216	216	102	22.032	
23	RW5CW	222	222	93	20.646	
24	PA5TT	213	213	96	20.448	PA5TT
25	F6AUS	217	217	93	20.181	
26	HA8TP	192	192	102	19.584	HA8TP
27	CT1IQI	196	196	99	19.404	CT1IQI
28	SN6A	219	219	86	18.834	SP6CES
29	RA3ID	201	201	88	17.688	RA3ID
30	I2WIJ	176	176	99	17.424	
31	DL5JQ	169	169	93	15.717	
32	US4IRT	195	195	73	14.235	US4IRT
33	LY7M	148	148	62	9.176	
34	RT5C	132	132	66	8.712	RT5C
35	RV3TG	124	124	63	7.812	RV3TG
36	DL4JU	135	135	57	7.695	
37	MM3N	110	110	67	7.370	MM3N
38	DL0PL	118	118	59	6.962	DL5JAN
39	IN3ISV	105	105	58	6.090	
40	RD3AT	98	98	61	5.978	
41	OK1DXW	99	99	60	5.940	OK1DXW
42	DL7DZ	108	108	54	5.832	
43	LY4T	88	88	62	5.456	
44	HA3OD	101	101	51	5.151	
45	RN2FQ	90	90	55	4.950	RN2FQ
46	MM2N	82	82	58	4.756	MM0GPZ
47	DL5DTG	79	79	56	4.424	
48	RG6G	81	81	52	4.212	RG6G
49	OM2AAZ	98	98	33	3.234	OM2AAZ
50	PA3EZC	62	62	46	2.852	PA3EZC
51	DK3AX	61	61	39	2.379	DK3AX
52	I3FDZ	58	58	39	2.262	
53	UA3QGT	82	82	27	2.214	UA3QGT
54	RM3A	62	62	34	2.108	RN3AC
55	DL5XJ	54	54	39	2.106	
56	US3LX	51	51	39	1.989	
57	S51DX	49	49	37	1.813	S51DX
58	UA3DSN	51	51	33	1.683	
59	RV1OO	46	46	27	1.242	
60	IZ3GNG	35	35	35	1.225	
61	UT5ECZ	34	34	18	612	UT5ECZ
62	R2WW	27	27	22	594	
63	PA0CT	24	24	18	432	PA0CT
64	G3XSD	7	7	6	42	G3XSD

Single Operator Assisted All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	UT0U	807	807	192	154.944	UT5UDX
2	UR7GO	785	785	192	150.720	UR7GO
3	YT2T	714	714	190	135.660	OU5A
4	HG1G	714	714	184	131.376	
5	LZ9R	631	631	178	112.318	LZ9R
6	R7AB	634	634	176	111.584	R7DA
7	ES5Q	545	545	184	100.280	ES5RY
8	OM3CWY	555	555	177	98.235	
9	G5LP	508	508	161	81.788	
10	YO9WF	505	505	160	80.800	YO9WF
11	LY6A	483	483	160	77.280	LY6A
12	DL6KVA	474	474	163	77.262	DL6KVA
13	9A7R	398	398	180	71.640	9A7R
14	EA6URA	417	417	160	66.720	EA3AIR
15	UT4LW	374	374	142	53.108	UT4LW
16	G0PZA	370	370	124	45.880	G0PZA
17	UX1VT	337	337	125	42.125	UX1VT
18	LY5R	315	315	131	41.265	
19	PA5WT	337	337	121	40.777	PA5WT
20	SO9C	287	287	132	37.884	SQ9CNN
21	LY2J	287	287	126	36.162	
22	G0ORH	282	282	126	35.532	G0ORH
23	IZ8EFD	324	324	109	35.316	
24	SV1ENG	305	305	114	34.770	SV1ENG
25	LZ6K	331	331	105	34.755	LZ2PL
26	LY2XW	280	280	112	31.360	LY2XW
27	RA3FD	271	271	106	28.726	RA3FD
28	PA3AAV	238	238	117	27.846	PA3AAV
29	RA5B	222	222	99	21.978	RA5B
30	LZ2NG	183	183	89	16.287	LZ2NG
31	RM2U	151	151	95	14.345	RU3UR
32	OQ5M	158	158	88	13.904	ON5ZO
33	RY7G	176	176	66	11.616	RY7G

34	PC2D	163	163	67	10.921	PC2D
35	F5NBX	115	115	81	9.315	
36	LY3CY	120	120	65	7.800	LY3CY
37	YO3GNF	116	116	61	7.076	YO3GNF
38	LZ1QZ	115	115	58	6.670	LZ1QZ
39	S57DX	106	106	61	6.466	S57DX
40	DA0MGN	111	111	57	6.327	DF8AA
41	G4ERW	139	139	42	5.838	G4ERW
42	PC4H	99	99	48	4.752	PC4H
43	G3XTT	99	99	47	4.653	G3XTT
44	PA0LOU	71	71	54	3.834	PA0LOU
45	IZ3ETU	67	67	45	3.015	
46	F8DFP	73	73	41	2.993	F8DFP
47	YL2IP	58	58	44	2.552	YL2IP
48	DL9MWG	61	61	38	2.318	DL9MWG
49	UE16CT	64	64	34	2.176	RZ3FQ
50	UR7EU	61	61	34	2.074	
51	DF6JC	58	58	29	1.682	
52	LX1NO	21	21	18	378	LX1NO
53	EC1KR	18	18	16	288	EC1KR
54	YT7AW	7	7	7	49	YT7AW

Single Operator Assisted Low-Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	LY5W	348	348	76	26.448	LY5W
2	UA4S	315	315	73	22.995	RU4SU
3	UA5C	308	308	74	22.792	UA5C
4	LY2BKT	300	300	73	21.900	LY2BKT
5	R1OO	259	259	69	17.871	
6	LY3BB	245	245	68	16.660	
7	YL5T	226	226	64	14.464	YL3DQ
8	OK1HFP	194	194	70	13.580	OK1HFP
9	DK2FG	177	177	62	10.974	DK2FG
10	DH8BQA	216	166	63	10.458	
11	PA0MIR	148	148	67	9.916	PA0MIR
12	DL5JAN	137	137	59	8.083	DL5JAN
13	UA1ANA	128	128	57	7.296	UA1ANA
14	ES2DJ	116	116	59	6.844	ES2DJ
15	R4WDX	154	154	36	5.544	
16	SP2KAC	107	107	49	5.243	SP2GOW
17	OK1KZ	94	94	48	4.512	
18	OK2SG	89	89	49	4.361	OK2SG
19	ES1CW	70	70	44	3.080	
20	ES2MC	99	99	31	3.069	ES2MC
21	G3VYI	66	66	38	2.508	G3VYI

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	LZ2PS	514	514	170	87.380	LZ2PS
2	RA3Y	441	441	157	69.237	RA3Y
3	OK1CZ	447	447	152	67.944	OK1CZ
4	UR5MM	457	457	145	66.265	
5	OK2MBP	437	437	151	65.987	
6	RO5O	435	435	151	65.685	RO5O
7	HA3MU	415	415	151	62.665	HA3MU
8	YO2IS	411	411	151	62.061	
9	DL5KUT	402	402	140	56.280	
10	RT4H	378	378	136	51.408	RT4H
11	HA3GO	346	346	147	50.862	
12	HA6OA	349	349	141	49.209	HA6OA
13	DL5KUD	349	349	139	48.511	DL5KUD
14	RN6AI	352	352	130	45.760	RN6AI
15	9A1CFR	354	354	127	44.958	9A2NO
16	YU5T	337	337	126	42.462	YU5T
17	YO9AGI	325	325	129	41.925	YO9AGI
18	OK7U	308	308	135	41.580	OK1HDU
19	RA3MD	330	330	126	41.580	RA3MD
20	YO7CVL	312	312	132	41.184	YO7CVL
21	EW8OF	347	347	117	40.599	EW8OF
22	HA3OU	283	283	142	40.186	HA3OU
23	OK1NE	311	311	128	39.808	OK1NE
24	UT8AS	320	320	115	36.800	
25	R3OM	321	321	114	36.594	
26	UY0CA	310	310	115	35.650	
27	SP1AEN	325	325	109	35.425	SP1AEN
28	R7MT	307	307	113	34.691	R7MT
29	LY2MM	305	305	113	34.465	LY2MM
30	YL3AD	299	299	115	34.385	YL3AD
31	UT5KQ	304	304	109	33.136	
32	RQ4D	291	291	112	32.592	RQ4D
33	UA3ABJ	261	261	120	31.320	
34	G3RLE	256	256	118	30.208	G3RLE
35	RN4SC	268	268	109	29.212	RN4SC
36	R7KX	289	289	100	28.900	
37	OK1HEH	259	259	110	28.490	OK1HEH
38	YO2CJX	237	237	118	27.966	
39	OM2AW	258	258	106	27.348	OM2AW
40	UY5TE	255	255	107	27.285	
41	EA5FQ	262	262	104	27.248	EA5FQ
42	HA5CE	261	261	104	27.144	
43	DL3MVC	230	230	118	27.140	
44	R3VL	261	261	100	26.100	R3VL
45	OK2TBC	253	253	102	25.806	
46	OK1FCA	237	237	103	24.411	OK1FCA
47	G3YEC	227	227	102	23.154	G3YEC
48	OK1BA	236	236	98	23.128	
49	RU3XY	228	228	98	22.344	RU3XY
50	OK1JOC	214	214	100	21.400	OK1JOC
51	YO7AWZ	200	200	106	21.200	YO7AWZ
52	Z35F	224	224	93	20.832	
53	DL1ARJ	202	202	100	20.200	
54	HA2OS	195	195	103	20.085	
55	YL2QV	200	200	100	20.000	
56	UX4E	226	226	88	19.888	UT5EOX
57	YO4TL	198	198	96	19.008	
58	LZ2FM	228	228	83	18.924	
59	SQ3WW	188	188	100	18.800	
60	UA4QK	229	229	81	18.549	
61	OK5SA	206	206	89	18.334	
62	LZ1ZU	197	197	93	18.321	LZ1ZU
63	EU1AI	209	209	86	17.974	EU1AI
64	G3GLL	199	199	90	17.910	G3GLL
65	YL3GU	207	207	86	17.802	YL3GU
66	DL6YAO	206	206	86	17.716	DL6YAO
67	F5PAL	198	198	89	17.622	F5PAL
68	EU6AA	216	216	81	17.496	
69	ON6LO	194	194	88	17.072	
70	R1AO	215	215	79	16.985	
71	IZ2AVK	220	220	74	16.280	
72	DL3DRN	176	176	92	16.192	DL3DRN
73	RA6FYL	191	191	82	15.662	RA6FYL
74	R7AC	175	175	86	15.050	
75	UR2VA	183	183	82	15.006	UR2VA
76	RX3VF	170	170	87	14.790	RX3VF
77	YL3GAZ	170	170	87	14.790	
78	I6FDJ	174	174	85	14.790	
79	RX3AEX	184	184	79	14.536	
80	SQ9FMU	193	193	75	14.475	SQ9FMU
81	R2OM	201	201	72	14.472	
82	PA3DBS	160	160	88	14.080	PA3DBS
83	RN3ANT	178	178	79	14.062	RN3ANT
84	CR7AJL	166	166	83	13.778	CR7AJL
85	SP2MKI	166	166	83	13.778	SP2MKI
86	OM8FF	155	155	88	13.640	
87	UA4C	179	179	76	13.604	UA4C
88	DH2URF	159	159	82	13.038	
89	RM5Z	143	143	88	12.584	
90	R7RC	147	147	85	12.495	R7RC
91	OK2KG	145	145	85	12.325	OK2KG
92	UW7RV	157	157	78	12.246	
93	YO9HG	162	162	74	11.988	YO9HG
94	HA7JQK	136	136	84	11.424	
95	G3ZGC	141	141	81	11.421	G3ZGC
96	RM7C	150	150	75	11.250	
97	RU7KD	158	158	71	11.218	
98	ZA/S56A	142	142	79	11.218	ZA/S56A
99	DJ6TK	147	147	74	10.878	
100	DL5CD	138	138	76	10.488	
101	RK6HG	156	156	66	10.296	
102	UX7UU	143	143	71	10.153	UX7UU

103	SP6BAA	139	139	73	10.147	SP6BAA
104	OE5CYL	138	138	73	10.074	OE5CYL
105	UX7U	143	143	70	10.010	UX7UA
106	R7MC	145	145	69	10.005	
107	SP5BMU	128	128	76	9.728	SP5BMU
108	OK2QX	124	124	77	9.548	
109	DF6RI	136	136	70	9.520	DF6RI
110	G4DDL	122	122	75	9.150	G4DDL
111	IN3QBR	122	122	74	9.028	
112	UA6JQ	113	113	78	8.814	UA6JQ
113	F6AJM	122	122	72	8.784	
114	EW6FX	125	125	70	8.750	
115	RM7F	130	130	67	8.710	
116	RA7KO	130	130	64	8.320	
117	US1VM	117	117	71	8.307	US1VM
118	PA2W	136	136	61	8.296	PA2W
119	EA5IIK	148	148	56	8.288	
120	Z36W	144	144	57	8.208	Z36W
121	SP9DUX	115	115	71	8.165	SP9DUX
122	YO9CWY	124	124	65	8.060	YO9CWY
123	EW1TO	124	124	65	8.060	
124	G3RSD	117	117	67	7.839	G3RSD
125	SP2MHD	132	132	59	7.788	SP2MHD
126	DK6SP	118	118	63	7.434	
127	LY2OM	115	115	63	7.245	
128	IK2SND	112	112	63	7.056	IK2SND
129	DF4ZL	119	119	59	7.021	DF4ZL
130	YU1BN	130	130	54	7.020	YU1BN
131	9A2BD	101	101	69	6.969	9A2BD
132	UA6HFI	104	104	66	6.864	
133	IK2AOO	104	104	66	6.864	IK2AOO
134	UX6IB	106	106	64	6.784	
135	OL4W	128	128	53	6.784	OL4W
136	UT3WX	120	120	55	6.600	
137	IK2DZN	102	102	62	6.324	IK2DZN
138	Z35G	119	119	53	6.307	
139	YO8BGE	103	103	60	6.180	
140	PA0JED	114	114	53	6.042	
141	EA5/OH2BFG	133	133	45	5.985	
142	RA4ZA	120	120	49	5.880	
143	G0SAC	97	97	60	5.820	G4WGE
144	PA3HCC	102	102	56	5.712	PA3HCC
145	IK2NUX	102	102	54	5.508	
146	OK1ITK	94	94	58	5.452	OK1ITK
147	G4EBK	109	109	50	5.450	G4EBK
148	UR4LIN	94	94	56	5.264	
149	R2DCG	90	90	58	5.220	
150	DK5ZX	93	93	56	5.208	DK5ZX
151	PA5P	86	86	60	5.160	PA5P
152	OM3BA	108	108	47	5.076	OM3BA
153	LZ1FJ	100	100	50	5.000	LZ1FJ
154	RG3AR	89	89	56	4.984	
155	IK0OKY	100	100	49	4.900	
156	DL1CJ/P	96	96	51	4.896	
157	IZ4DZD	101	101	48	4.848	IZ4DZD
158	RZ3TZZ	104	104	46	4.784	UA3TW
159	DM5JL	91	91	52	4.732	
160	G4CXQ	84	84	56	4.704	G4CXQ
161	DL3HAE	88	88	53	4.664	
162	UR7VA	124	124	37	4.588	
163	OK1FGD	93	93	49	4.557	
164	OK2KFK	77	77	58	4.466	
165	RU4LM	101	101	44	4.444	RU4LM
166	UA4FDL	88	88	50	4.400	UA4FDL
167	G0IBN	96	96	45	4.320	G0IBN
168	SP3BES	98	98	44	4.312	
169	OK3MO	86	86	47	4.042	
170	LZ2CH	108	108	37	3.996	LZ2CH
171	PA0WKI	74	74	53	3.922	PA0WKI
172	YO4BEX	118	118	33	3.894	
173	DL4ME	117	117	32	3.744	DL4ME
174	YO4SI	74	74	50	3.700	YO4SI
175	RA6FUZ	86	86	43	3.698	RA6FUZ
176	DK3CC	74	74	49	3.626	
177	DK3PM	77	77	46	3.542	
178	HB9AYZ	73	73	48	3.504	HB9AYZ
179	YP2X	71	71	49	3.479	YO2MBU
180	EA5CP	69	69	47	3.243	EA5CP
181	PA0RBA	72	72	43	3.096	PA0RBA
182	PA2CHM	75	75	41	3.075	PA2CHM
183	RV3ZN	90	90	34	3.060	RV3ZN
184	YL2NK	69	69	44	3.036	YL2NK
185	YO7LYM	73	73	41	2.993	YO7LYM
186	S51TP	65	65	44	2.860	S51TP
187	ON5WL	66	66	42	2.772	ON5WL
188	PA3CLQ	67	67	39	2.613	PA3CLQ
189	DM2RN	79	79	29	2.291	DM2RN
190	G2HDR	67	67	34	2.278	G2HDR
191	PC3H	54	54	41	2.214	
192	YO3YR/P	55	55	38	2.090	YO3YR/P
193	RX7T	72	72	29	2.088	RX7T
194	GM4OSS	67	67	31	2.077	GM4OSS
195	YL2PP	50	50	40	2.000	
196	YO4FZX	68	68	29	1.972	
197	DL2ZA	52	52	37	1.924	DL2ZA
198	UR7ZO	49	49	38	1.862	
199	PA5GU	59	59	31	1.829	PA5GU
200	LZ1IKY	70	70	26	1.820	LZ1IKY
201	YL2GJR	55	55	32	1.760	
202	OK1ARN	55	55	31	1.705	
203	DK8EY	49	49	34	1.666	DK8EY
204	DK9MH	49	49	33	1.617	DK9MH
205	US5EEK	40	40	40	1.600	US5EEK
206	DJ9SN	49	49	31	1.519	
207	DK5IM	56	56	27	1.512	
208	EA3GBA	53	53	28	1.484	EA3GBA
209	R4WT	51	51	29	1.479	R4WT
210	OE1CIW	40	40	35	1.400	
211	DJ2YE	50	50	27	1.350	DJ2YE
212	IK2AUK	43	43	30	1.290	IK2AUK
213	IZ3KMY	41	41	29	1.189	
214	F3WT	36	36	33	1.188	
215	DH8MS	44	44	26	1.144	DH8MS
216	F5MA	44	44	26	1.144	
217	DL9GWA	50	50	22	1.100	
218	IK4VET	34	34	30	1.020	
219	IZ4AKO	39	39	25	975	
220	SW8WW	40	40	22	880	HA0HW
221	DJ2XY	36	36	24	864	
222	DL6NWA	38	38	22	836	
223	SV8CRI	32	32	24	768	SV8CRI
224	U5EX	34	34	21	714	U5EX
225	LY2SS	29	29	22	638	
226	DL2AXM	29	29	21	609	DL2AXM
227	IV3KSE	30	30	20	600	IV3KSE
228	SP8LZC	30	30	20	600	SP8LZC
229	M0IDL	29	29	20	580	M0IDL
230	R4CA	30	30	19	570	R4CA
231	DK4EF	27	27	20	540	DK4EF
232	PA0RHA	27	27	19	513	PA0RHA
233	ON3ND	28	28	18	504	
234	IK4XQT	24	24	21	504	
235	UA6HRX	29	29	17	493	
236	R2AHS	26	26	17	442	
237	OK2GU	23	23	19	437	
238	YL2AG	24	24	17	408	YL2AG
239	UX4FC	25	25	16	400	
240	SP3AZO	16	16	15	240	SP3AZO
241	SP9KJU	14	14	9	126	SP9MDY
242	IZ0LZC	13	13	9	117	
243	DG2FDE	11	11	10	110	
244	EI30T	11	11	9	99	EI3CTB
245	DL6MZ	9	9	8	72	
246	US0UX	7	7	7	49	
247	IZ2CSX	6	6	5	30	
248	UA3DCE	5	5	5	25	
249	DO9MJ	2	2	2	4	DO9MJ
250	TA1CH	1	1	1	1	

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	S50XX	705	705	186	131.130	S50XX
2	YU2A	601	601	174	104.574	YU2A
3	HA6NL	578	578	175	101.150	HA6NL
4	9A1AA	547	547	184	100.648	
5	YO5AVN	559	559	178	99.502	YO5AVN
6	SP9GFI	569	569	170	96.730	SP9GFI
7	RG5A	539	539	162	87.318	RG5A
8	HA7I	494	494	168	82.992	HA7JTR
9	UA3QAM	434	434	147	63.798	UA3QAM
10	S57AW	403	403	156	62.868	S57AW
11	UY5ZI	406	406	147	59.682	UY5ZI
12	UR5WCW	423	423	139	58.797	UR5WCW
13	UT1IM	394	394	135	53.190	UT1IM
14	RU6CS	384	384	111	42.624	RU6CS
15	GM0WED	311	311	133	41.363	GM0WED
16	OM4O	302	302	127	38.354	OM3NI
17	HA1RJ	306	306	123	37.638	ANDRAS
18	MW5R	285	285	127	36.195	MW0EDX
19	DL1NKS	283	283	117	33.111	DL1NKS
20	YO4AR	293	293	111	32.523	YO4AR
21	S52AU	267	267	121	32.307	S52AU
22	LY2DX	270	270	119	32.130	
23	SP2MKT	260	260	107	27.820	SP2MKT
24	G3KNU	225	225	121	27.225	G3KNU
25	9A2GA	251	251	106	26.606	9A2GA
26	SP4GL	228	228	108	24.624	SP4GL
27	UA4Z	257	257	94	24.158	UA4Z
28	LZ1QN/1	256	256	94	24.064	LZ1QN
29	RV6LCI	229	229	103	23.587	
30	UA6GF	238	238	99	23.562	UA6GF
31	HG8C	245	245	92	22.540	HA8EK
32	LZ1GE	218	218	93	20.274	LZ1GE
33	DL1ANT	210	210	95	19.950	DL1ANT
34	LZ1VQ	213	213	90	19.170	LZ1VQ
35	LZ1QV	202	202	88	17.776	LZ1QV
36	RG3B	201	201	80	16.080	RG3B
37	M0SEV	203	203	79	16.037	M0SEV
38	SP2AEK	196	196	81	15.876	SP2AEK
39	PA3EVY	172	172	85	14.620	PA3EVY
40	IW2FUT	179	179	79	14.141	IW2FUT
41	ON6QR	139	139	99	13.761	ON6QR
42	PC5Q	174	174	77	13.398	PC5Q
43	LY2NY	178	178	75	13.350	LY2NY
44	YO4DW	167	167	78	13.026	YO4DW
45	EI8JX	179	179	71	12.709	EI8JX
46	DL2NBY	163	163	73	11.899	DL2NBY
47	YL2GP	146	146	75	10.950	
48	UR5FCM	165	165	64	10.560	UR5FCM
49	HA8RT	140	140	72	10.080	HA8RT
50	PG2AA	134	134	73	9.782	PG2AA
51	UT2IV	119	119	73	8.687	UT2IV
52	PA0O	130	130	63	8.190	PA0O
53	EW1IP	117	117	66	7.722	EW1IP
54	DL5ARM	117	117	61	7.137	DL5ARM
55	DJ2QV	97	97	73	7.081	
56	DL6UM	98	98	63	6.174	
57	IK8TEO	78	78	77	6.006	IK8TEO
58	SP2DKI	103	103	50	5.150	SP2DKI
59	DL9LM	96	96	52	4.992	DL9LM
60	SP5AUY	123	123	34	4.182	SP5AUY
61	G3VQO	87	87	45	3.915	G3VQO
62	PA2GRU	79	79	45	3.555	PA2GRU
63	EA5DD	77	77	46	3.542	EA5DD
64	SP9JZT	107	107	33	3.531	SP9JZT
65	DG7EE	68	68	50	3.400	DG7EE
66	YU2FG	86	86	39	3.354	YU2FG
67	ES8DH	59	59	47	2.773	ES8DH
68	UB3DAO	57	57	42	2.394	UB3DAO
69	F1VEV	62	62	38	2.356	F1VEV
70	IK2IKW	50	50	41	2.050	IK2IKW
71	DC2IP	49	49	36	1.764	DC2IP
72	M5Z	69	69	23	1.587	JK3GAD
73	IK2SAR	44	44	30	1.320	IK2SAR
74	OK1HCG	46	46	28	1.288	
75	LY7Z	36	36	33	1.188	
76	DK2AB	39	39	25	975	DK2AB
77	DL3ZZA	39	39	25	975	DL3ZZA
78	S53ZO	35	35	27	945	S53ZO
79	DM5WF	36	36	26	936	DM5WF
80	ON6FC	37	37	23	851	ON6FC
81	SQ6LJV	34	34	24	816	SQ6LJV
82	G4MKR	26	26	26	676	G4MKR
83	F5BTH	27	27	23	621	F5BTH
84	EW6GF	24	24	19	456	EW6GF
85	G4AYU	26	26	17	442	G4AYU
86	PD0JMH	25	25	16	400	
87	IU3AZC	13	13	10	130	IU3AZC
88	OR4K	10	10	10	100	OR4K

Single Operator All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	RT4W	510	510	166	84.660	
2	HG3M	347	347	144	49.968	HA3MY
3	US2IZ	306	306	119	36.414	
4	UA7G	257	257	101	25.957	UA7G
5	DL8MBS	217	217	102	22.134	DL8MBS
6	LZ2TU	234	234	87	20.358	LZ2TU
7	R7FO	214	214	85	18.190	
8	DL1CW	198	198	90	17.820	DL1CW
9	OK6OK	191	191	78	14.898	
10	YU1ML	183	183	81	14.823	
11	RD2A	172	172	75	12.900	
12	UW4E	171	171	73	12.483	UT7EZ
13	R7KO	167	167	71	11.857	R7KO
14	F6FTB	159	159	69	10.971	F6FTB
15	YO4AAC	161	161	61	9.821	YO4AAC
16	US7WW	130	130	70	9.100	US7WW
17	OK5MM	133	133	68	9.044	OK5MM
18	SP6BXM	128	128	58	7.424	SP6BXM
19	EA7KB	105	105	66	6.930	
20	HA5BA	98	98	67	6.566	
21	DL2TM	104	104	57	5.928	
22	PE2K	103	103	46	4.738	PE2K
23	RU3XW	100	100	47	4.700	RU3XW
24	LY3G	94	94	50	4.700	LY3G
25	DD0VS	88	88	51	4.488	DD0VS
26	RV3DBK	87	87	51	4.437	RV3DBK
27	RW3AI	80	80	52	4.160	
28	UA3PP	91	91	42	3.822	UA3PP
29	I0ZUT	74	74	47	3.478	I0ZUT
30	DL2DWP	65	65	48	3.120	DL2DWP
31	UT4UFZ	56	56	44	2.464	UT4UFZ
32	OK1RH	61	61	40	2.440	OK1RH
33	PA0ATG	56	56	29	1.624	PA0ATG
34	DM5MM	46	46	35	1.610	
35	HA4FY	50	50	26	1.300	
36	EA7AAW	54	54	23	1.242	EA7AAW/QRP
37	DF5SF	44	44	25	1.100	
38	RA3XEV	39	39	21	819	RA3XEV
39	YT0I	33	33	24	792	
40	IZ7DMT	33	33	24	792	
41	IW3ILM	36	36	21	756	IW3ILM
42	DL2BIS	30	30	20	600	
43	YO3FVR/P	25	25	17		
44	DL7LX	23	23	18	414	DL7LX
45	EA2SN	20	20	17	340	EA2SN
46	DJ8EW	16	16	13	208	
47	IK7GUW	14	14	11	154	
48	OK4JR/P	9	9	8	72	OK4JR/P
49	DG3SBM	6	6	5	30	
50	UR3QOD	4	4	4	16	

Single Operator Assisted All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	RW4WA	514	514	177	90.978	RW4WA
2	DL1EFW	344	344	129	44.376	DL1EFW
3	DL6OCH	293	293	121	35.453	
4	YO3LW	260	260	111	28.860	YO3LW
5	UX5UU	263	263	103	27.089	UX5UU
6	RA3AN	166	166	79	13.114	RA3AN

7	DJ0MY	128	128	95	12.160	DJ0MY
8	LZ1MC	141	141	74	10.434	LZ1MC
9	RD3ARU	117	117	77	9.009	RD3ARU
10	9A5M	86	86	76	6.536	9A5M
11	SP9RQH	42	42	31	1.302	SP9RQH
12	S51TA	34	34	18	612	S51TA

Multi Operator Single Transmitter

Rank	Call	QSO	Points	Mult.	Score	Operators
1	9A5Y	792	792	192	152.064	9A3NM, 9A5CM 9A5TO 9A7DX
2	HG7T	775	775	185	143.375	HA5MY HA7TM
3	LZ9W	632	632	183	115.656	LZ1ZD LZ2HQ
4	UW6M	480	480	142	68.160	US2MT ANATOLY KUZMENKO
5	RK1TWB	387	387	122	47.214	R1TEU UA1TES RA1TI
6	UR4PWC	279	279	112	31.248	UR3PHW UT4PZ
7	UR4RWW	258	258	106	27.348	UR5RU UR5RAB
8	YP5A	225	225	102	22.950	YO5CBX YO5OLD
9	RT5G	189	189	98	18.522	R5GM RO3G UG3G
10	PA70KP	129	129	70	9.030	PA0VLA PA3FNB
11	HB9EP	59	59	45	2.655	HB9CAT HB9DOS
12	LZ14IARU	45	45	36	1.620	LB3RE LZ1BJ YB0AZ
13	S59T	40	40	32	1.280	S59T

Checklogs

CU2JT, DD2CW, DK5CF, DL3KWF, DL3KWR, DL5AWI, DL6UAM, DL7USW/P, DL8AWK, DM5DX, DO7DU, EA1FA, EC7AMY, EI7CC, EV6Z, EW1FM, EW2EO, HA1SN, HB9EDY, HG6C, LY1CT, LY2BNL, LY9A, LZ1JZ, LZ1WZ, OK2HFC, OK7RJ, ON5JD, PA0RBO, R2LAC, R4RT, RA3XCZ, RA4DB, RA6HSM, RM2T, RU3UR, RW4CLF/4, RZ1O, SP1RKH, SP5GDY, SP7QO, SP9RI, SQ5RIX, UA1AUW, UR4LBL, US2E, UT4NY, UW1WU, UW5U, UX0UW, UX1IL, YL2014D, YO3JR, YO4HHP, YO6CFB, YO6KNY, YT4W, Z33A, ZA1G

NORTH AMERICA

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	AA2A	399	687	137	94.119	N2KW @K1TTT
2	K6ND	399	665	136	90.440	N1RR
3	K8MFO	329	471	112	52.752	K8MFO
4	K3UL	249	365	94	34.310	K3UL
5	VE3KZ	236	302	88	26.576	
6	N6AR	144	216	78	16.848	N6AR
7	K4BAI	143	193	76	14.668	K4BAI
8	K1BV	121	203	64	12.992	K1BV
9	K5ZD	133	159	70	11.130	K5ZD
10	VY2SS	95	139	55	7.645	VY2SS
11	WD5K	119	125	60	7.500	WD5K
12	K2MK	115	115	60	6.900	K2MK
13	W8IQ	71	107	45	4.815	W8IQ
14	WA6PY	54	80	39	3.120	WA6PY
15	W2LE	71	71	41	2.911	
16	N1NN	47	49	32	1.568	N1NN
17	N0OK	35	55	26	1.430	N0OK
18	KM3T	30	30	29	870	
19	VE3FJ	29	29	20	580	VE3FJ
20	K8SL	15	17	13	221	

Single Operator Assisted All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	K5KG	390	558	120	66.960	K5KG
2	W1UE	274	492	130	63.960	W1UE
3	K3IPK	258	410	102	41.820	K3IPK
4	N4PN	272	388	106	41.128	
5	N3RD	249	343	104	35.672	N3RD
6	VE3UTT	208	340	99	33.660	VE3UTT
7	KF3B	192	334	94	31.396	KF3B
8	NW6P	170	300	77	23.100	OH6KZP
9	VE1DT	164	270	81	21.870	VE1DT
10	N3QE	189	241	89	21.449	N3QE
11	VE2FK	174	266	77	20.482	VE2FK
12	VE9AA	142	244	80	19.520	VE9AA
13	K2QMF	157	205	80	16.400	K2QMF
14	K3WW	130	194	79	15.326	K3WW
15	N8BJQ	138	190	76	14.440	N8BJQ
16	K1TH	130	174	66	11.484	K1TH
17	VE5MX	105	175	59	10.325	VE5MX
18	K2CYE	81	171	55	9.405	K2CYE
19	W7CT	99	173	54	9.342	W7CT
20	N5CW	118	136	65	8.840	N5CW
21	N9NA	58	108	42	4.536	N9NA
22	N3DXX	56	88	44	3.872	N3DXX
23	KY7M	49	91	35	3.185	KY7M
24	N1KWF	39	39	29	1.131	N1KWF
25	KG5VK	37	39	29	1.131	KG5VK
26	AL9A	28	28	17	476	AL9A
27	K4IU	22	22	17	374	K4IU
28	XE2B	12	12	10	120	XE2B

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	VE1RGB	269	443	110	48.730	VE1RGB
2	K1IMI	124	206	71	14.626	N4CW
3	VY2LI	114	196	67	13.132	VY2LI
4	VE3IAE	98	180	57	10.260	VE3IAE
5	WO4O	88	176	54	9.504	WO4O
6	VE3FH	97	153	60	9.180	VE3FH
7	VE3TW	95	119	58	6.902	VE3TW
8	N3KR	81	131	52	6.812	N3KR
9	VE9OA	66	134	46	6.164	VE9OA
10	AE1T	52	126	36	4.536	AE1T
11	NN6CH	66	112	40	4.480	NN6CH
12	W1END	67	67	42	2.814	W1END
13	NA8V	41	123	22	2.706	
14	K8MR	34	72	27	1.944	K8MR
15	WK2S	39	49	33	1.617	WK2S
16	NF8J	44	44	28	1.232	NF8J
17	XE2MX	34	34	25	850	XE2MX
18	WN6K	24	24	16	384	WN6K
19	KB6NU	20	20	16	320	KB6NU
20	KC4ABC	18	18	17	306	KC4ABC
21	KD4EE	16	16	15	240	
22	CO8DM	13	13	10	130	CO8DM
23	VE3LMM	4	4	4	16	VE3LMM

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	VE2BWL	193	269	94	25.286	VE2BWL
2	K9XZ	128	188	70	13.160	K9XZ
3	KE1J	111	217	57	12.369	KE1J
4	W2GN	91	163	67	10.921	W2GN
5	VE4VT	40	66	32	2.112	VE4EAR
6	NA2JM	24	64	18	1.152	NA2JM
7	KC0DEB	13	13	11	143	KC0DEB

Single Operator All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	VE1ZA	103	157	63	9.891	VE1ZA
2	K3TW	47	57	37	2.109	K3TW
3	VA3RKM	30	40	25	1.000	
4	VE3GTC	39	39	19	741	VE3GTC
5	VE3VN	35	35	21	735	VE3VN

Single Operator Assisted All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	K8ZT	28	28	25	700	K8ZT

Checklogs

AC7JW, N2UU, W1/SP4Z

OCEANIA

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	9M6XRO	156	176	75	13.200	9M6XRO
2	VK3TDX	78	92	52	4.784	VK3TDX
3	ZM2IO	67	69	37	2.553	ZL3IO
4	VK2OXZ	53	53	31	1.643	VK2OXZ
5	KG6DX	34	34	18	612	KG6DX

Single Operator Assisted All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	ZL2B	217	269	77	20.713	ZL2B
2	VK6DXI	78	80	50	4.000	VK6DXI
3	YB2TX	34	34	16	544	YB2TX

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	VK8AV	42	42	22	924	VK8AV
2	YC3TKH	33	33	25	825	
3	YD1DPM	35	35	18	630	YD1DPM
4	VK4TT	28	28	15	420	VK4TT
5	DU1XX	5	5	5	25	

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	YB2ERL	27	27	21	567	YB2ERL

Multi Operator Single Transmitter

Rank	Call	QSO	Points	Mult.	Score	Operators
1	YB3ZCD	38	38	23	874	YB3BX N1IP

SOUTH AMERICA

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	PY2ZEA	286	368	119	43.792	OH2MM

Single Operator Assisted Low-Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	LU7YWC	21	63	16	1.008	LU7YWC

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	PY4ARS	98	150	71	10.650	
2	HC2AO	49	141	31	4.371	
3	LU1ICX	69	69	48	3.312	LU1ICX
4	CP1AA	43	43	32	1.376	OZ1AA
5	PY3AU	16	20	14	280	PY3AU
6	PY1KR	1	1	1	1	PY1KR

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	PY4XX	180	228	104	23.712	PY4XX
2	PY4HO	29	67	24	1.608	PY4HO
3	HK3JJB	10	26	9	234	HK3JJB

Checklogs
PY7OJ

SCANDINAVIA

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH0V	2519	5.995	274	1.642.630	OH6LI
2	OH0Z	2201	5.285	254	1.342.390	OH6EI
3	OH0R	2199	5.285	242	1.278.970	OH2PM
4	SJ2W	2207	5.221	241	1.258.261	SM2LIY
5	OH8X	2102	4.930	250	1.232.500	OH2UA
6	SK3W	1955	4.599	228	1.048.572	SA5BJM
7	LJ1GB	1922	4.455	217	966.735	LB1GB
8	OH6MW	1788	4.163	212	882.556	OH6MW
9	LI8OM	1630	3.681	191	703.071	LA8OM
10	OU4O	1529	3.477	201	698.877	OZ4O
11	OG1M	1319	3.083	203	625.849	OH1VR
12	SM3C	1387	3.225	189	609.525	SM5CCT
13	SM6M	1311	3.033	191	579.303	SM6MCW
14	SM6BGA	1448	3.297	175	576.975	SM6BGA
15	LA5UF	1304	2.933	190	557.270	LA5UF
16	SE2I	1362	3.032	181	548.792	SA2BRN
17	LJ5WB	1345	3.015	178	536.670	LJ5WB
18	LA8HGA	1264	2.927	177	518.079	LA8HGA
19	OH2XX	1257	2.856	177	505.512	
20	SM0T	1184	2.727	179	488.133	
21	OG7F	1203	2.719	178	483.982	OH5DA
22	OH2BO	1117	2.540	174	441.960	OH2BO
23	OH3OJ	1103	2.450	156	382.200	OH3OJ
24	OH6BG	1062	2.351	158	371.458	OH6BG
25	OH5YU	999	2.234	159	355.206	OH5YU
26	SM0S	1131	2.477	139	344.303	SM5BAX
27	OH5KW	869	1.974	173	341.502	
28	SE4E	962	2.147	159	341.373	SM4DQE
29	LA9OI	1003	2.155	153	329.715	LA9OI
30	OY1CT	1100	2.436	131	319.116	OY1CT
31	OH3FM	959	2.057	148	304.436	OH3FM
32	OZ2TF	691	1.592	147	234.024	
33	OH6RE	698	1.507	139	209.473	OH6RE
34	SM3DTR	685	1.490	138	205.620	SM3DTR
35	OF2AM	745	1.627	118	191.986	OH2BBM
36	OH8CW	694	1.500	123	184.500	
37	OH6XY	555	1.306	133	173.698	OH6XY
38	OG4X	609	1.416	121	171.336	OH1MA
39	SG8X	595	1.390	117	162.630	SG8X
40	SM5COP	527	1.183	124	146.692	SM5COP
41	OZ4KG	552	1.305	112	146.160	OZ4KG
42	SD6N	583	1.256	114	143.184	SM6V
43	OZ7KJ	438	998	111	110.778	
44	OH2VB	375	849	104	88.296	OH2VB
45	SM4EMO	407	967	87	84.129	SM4EMO
46	SM5CCE	406	902	89	80.278	
47	SK90ZK	312	755	89	67.195	SM4HFI
48	SE6E	304	660	94	62.040	SM6FUD
49	LA6ZFA	285	635	96	60.960	LA6ZFA
50	SM6X	274	604	94	56.776	SM6X
51	OH6TN	293	636	83	52.788	OH6TN
52	OG90AA	281	610	73	44.530	OG90AA
53	SI2E	260	581	57	33.117	SM2EKA
54	OH2N	172	392	31	12.152	
55	SM6LJU	62	149	39	5.811	SM6LJU
56	SM5BMB	64	156	34	5.304	SM5BMB

Single Operator Assisted All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	LI3C	1864	4.230	219	926.370	LA9DFA
2	SE5E	1760	4.073	221	900.133	SM5AJV
3	OH5BM	1555	3.619	223	807.037	OH5BM
4	OH2BV	1537	3.546	221	783.666	OH2BV
5	OG6N	1609	3.697	205	757.885	
6	SE0X	1466	3.388	202	684.376	SM0MDG
7	LA8AJA	1095	2.587	177	457.899	LA8AJA
8	OH4MDY	1086	2.494	163	406.522	OH4MDY
9	LJ6KC	1041	2.362	162	382.644	LB6KC
10	OH2BAI	1054	2.339	153	357.867	OH2BAI
11	SM5CEU	923	2.092	154	322.168	SM5CEU

12	OH6CT	891	2.041	156	318.396	OH6CT
13	SE6W	741	1.630	106	172.780	SM6XKB
14	OH4KZM	293	654	78	51.012	OH4KZM
15	OH1NX	297	690	69	47.610	OH1NX
16	OH9VD	79	178	53	9.434	OH9VD
17	LA6TPA	58	129	37	4.773	LA6TPA
18	SM6LPF	24	64	17	1.088	SM6LPF
19	SM0MPV/0	4	11	4	44	SM0MPV

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH5TS	1319	2.998	194	581.612	
2	SM2T	1284	2.837	185	524.845	SM2EZT
3	SM5CSS	1340	2.963	172	509.636	SM5CSS
4	OU2I	1344	3.055	166	507.130	OZ1BII
5	OH9UFO	1297	2.927	173	506.371	OH9UFO
6	LA3S	1310	2.981	165	491.865	LA3BO
7	OH6RX	1120	2.498	158	394.684	OH6RX
8	OH8UV	1014	2.202	174	383.148	
9	SM5EPO	1051	2.390	159	380.010	SM5EPO
10	SM7RRF	1011	2.195	129	283.155	
11	OZ6TL	750	1.606	125	200.750	OZ6TL
12	SM6BSK	667	1.438	137	197.006	
13	SM7CIL	723	1.608	115	184.920	SM7CIL
14	TF3GB	769	1.749	103	180.147	TF3GB
15	OH3KQ	725	1.575	111	174.825	OH3KQ
16	SG5G	634	1.336	118	157.648	SM5ILE
17	OH1LWZ	541	1.206	111	133.866	OH1LWZ
18	SM7YIN	577	1.262	101	127.462	SM7YIN
19	SM5MX	543	1.148	109	125.132	
20	LA2WRA	476	1.018	114	116.052	LA2WRA
21	OH2LU	483	997	111	110.667	OH2LU
22	OH6LW	537	1.121	97	108.737	OH6LW
23	OZ1AAR	398	898	92	82.616	OZ1AAR
24	OH6NVT	319	704	107	75.328	OH6NVT
25	SD6M	367	798	85	67.830	SA6BGR
26	SM6NT	313	676	99	66.924	SM6NT
27	SE6N	332	697	90	62.730	SA6AXR
28	OH2MGA	381	876	71	62.196	OH2MGA
29	SM7ATL	325	723	83	60.009	
30	SM0Y	297	669	88	58.872	SM0OY
31	OZ1JFK	266	591	97	57.327	OZ1JFK
32	SM5V	259	620	80	49.600	SM5ELV
33	LI6GX	314	669	73	48.837	LI6GX
34	LI9DK	274	613	71	43.523	LI9DK
35	OH1TS	284	602	71	42.742	OH1TS
36	SF5X	251	546	70	38.220	SM5EFX
37	SM7RPU	206	431	73	31.463	SM7RPU
38	OZ4FF	211	460	65	29.900	
39	OH5XO	202	445	67	29.815	OH5XO
40	SM4BNZ	199	429	69	29.601	SM4BNZ
41	SM3R	230	477	58	27.666	
42	SE7Q	195	432	55	23.760	SM7HVQ
43	SM5DXR	168	363	56	20.328	SM5DXR
44	LI6DW	165	377	52	19.604	LI6DW
45	SM6EAT	150	377	36	13.572	SM6EAT
46	OZ5RM	123	265	44	11.660	OZ5RM
47	SA6W	107	240	43	10.320	SM6PVB
48	OH7MFO	63	138	34	4.692	
49	OH7HM	39	89	32	2.848	
50	OZ4QX	51	105	27	2.835	
51	OH1LAR	45	94	27	2.538	OH1LAR
52	SM5BJT	26	63	21	1.323	SM5BJT
53	OU3A	26	65	20	1.300	OU3A
54	OZ1DGQ	16	38	12	456	
55	LA8OKA	15	35	13	455	LA8OKA
56	OH2LIR	14	31	13	403	
57	OH8TU	10	20	8	160	OH8TU

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	SG5W	1348	3.071	192	589.632	SM5IMO
2	OH3GGQ	1177	2.526	154	389.004	OH3GGQ
3	OZ4CG	956	2.061	140	288.540	OZ4CG
4	SM5ACQ	725	1.655	135	223.425	SM5ACQ
5	OH2KM	640	1.374	126	173.124	OH2KM
6	OH3KAV	607	1.310	115	150.650	OH3KAV
7	OH2LNH	494	1.057	88	93.016	OH2LNH
8	SM3OMO	368	831	95	78.945	SM3OMO
9	OH6AD	313	675	80	54.000	OH5GE
10	OH8KA	292	617	78	48.126	OH8KA
11	SM0FPR	304	650	58	37.700	SM0FPR
12	OH2EV	53	116	22	2.552	OH2EV
13	SG6T	34	78	29	2.262	SM6WET
14	LA7SI	19	48	17	816	LA7SI

Single Operator All Band Low Power TB-Wires

Rank	Call	QSO	Points	Mult.	Score	Operators
1	SK4EA	1323	2.965	178	527.770	SM4EPR
2	LN7TTT	1303	2.859	171	488.889	LA5LJA
3	LA7AK	1190	2.576	150	386.400	
4	OH7CW	1087	2.398	158	378.884	OH7CW
5	SC3N	978	2.143	151	323.593	EA8CN
6	OG5N	942	2.080	139	289.120	OH1CQ
7	OH8MBN	950	2.025	138	279.450	OH8MBN
8	SM6Z	853	1.885	143	269.555	SM6BZE
9	LA4CQ	792	1.709	130	222.170	LA4CQ
10	OH6BA	723	1.558	131	204.098	OH6BA
11	SI5Y	726	1.602	123	197.046	SM5BKK
12	LI2HFA	636	1.376	122	167.872	LA2HFA
13	OH1B	588	1.270	117	148.590	OH1BOI
14	SG0M	448	978	116	113.448	SA0AQT
15	OH1NDA	444	979	108	105.732	OH1NDA
16	OH7JR	434	923	97	89.531	
17	SI7T	322	693	97	67.221	SM7LZQ
18	OH6GAW	289	615	79	48.585	OH6GAW
19	OH8FIU	225	478	73	34.894	OH8FIU
20	OH3LS	188	393	61	23.973	OH3LS
21	OH2HZ	99	239	55	13.145	OH2HZ
22	OH3DP	116	269	48	12.912	OH3DP

Single Operator All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH3RF	394	876	115	100.740	OH3RF
2	SB0A	394	849	101	85.749	SM0LPO
3	SM0LGO	212	452	68	30.736	SM0LGO
4	OH2BR	120	255	40	10.200	
5	OZ8A	43	98	34	3.332	OZ8A
6	SE0TTT	52	107	24	2.568	SM0OEK
7	SM3DFM	35	88	29	2.552	SM5DFM
8	OH2ID	35	82	23	1.886	OH2ID
9	OH1OR	23	46	7	322	OH1OR
10	LB1JG	3	6	3	18	LB1JG

Single Operator Assisted All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operator
1	SM6FPG	454	946	96	90.816	SM6FPG
2	OH3KRH	262	555	77	42.735	OH3KRH
3	SD0T	234	492	45	22.140	SM0THU
4	OH7KD	90	212	22	4.664	OH7KD

Single Operator 80 meters

Rank	Call	QSO	Points	Mult.	Score	Operators
1	8S0DX	468	990	45	44.550	SM0DSG
2	OH2YL	408	850	37	31.450	OH2YL
3	SM0HEK	265	544	30	16.320	
4	OH1D	199	414	31	12.834	OH1D
5	OZ1AXG	186	381	27	10.287	
6	7S3J	1	2	1	2	SM3DZH

Single Operator 40 meters

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH2T	647	1.525	55	83.875	OH2KW
2	SM6W	538	1.172	44	51.568	SM6W
3	OG2F	476	1.013	40	40.520	OG2F
4	OU2V	401	878	38	33.364	OZ1FJB
5	OG1D	287	631	40	25.240	OG1D
6	SJ6W	101	205	22	4.510	SM6MIS
7	OH2MZA	37	77	16	1.232	OH1ZAA

Results CW

Single Operator 20 meters

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH8L	1122	2.695	70	188.650	OH8LQ
2	SC0N	1051	2.479	66	163.614	SM0NCS
3	SM7GIB	936	2.237	63	140.931	SM7GIB
4	SM6NJK	418	899	41	36.859	SM6NJK
5	OH2VZ	355	770	43	33.110	OH2VZ
6	SM2CVH	370	782	38	29.716	SM2CVH
7	SM6EWB	327	702	41	28.782	SM6EWB
8	OZ5WQ	311	708	40	28.320	OZ5WQ
9	SM0Q	144	312	28	8.736	SM0OGQ
10	SM6GBM	134	285	24	6.840	SM6GBM
11	OZ7BQ	104	222	23	5.106	OZ7BQ
12	SM7I	46	102	17	1.734	SM7I
13	OH3PE	30	85	7	595	OH3PE

Single Operator 15 meters

Rank	Call	QSO	Points	Mult.	Score	Operators
1	SG5Z	767	1.946	64	124.544	SM5GMZ
2	OH6AC	751	1.871	65	121.615	OH6CS
3	OH8A	682	1.684	63	106.092	OH8WW
4	OG55W	484	1.172	54	63.288	
5	OH2BLV	474	1.168	54	63.072	OH2BLV
6	OH2BCD	353	865	50	43.250	OH2BCD
7	OH3AR	301	724	50	36.200	OH3MC
8	SM6TOL	295	706	36	25.416	SM6TOL
9	OH1QX	214	485	42	20.370	OH1ZAA
10	SM6IQD	220	514	39	20.046	

Single Operator 10 meters

Rank	Call	QSO	Points	Mult.	Score	Operators
1	SM7GVF	176	407	40	16.280	SM7GVF
2	OH1JD	126	274	36	9.864	OH1JD
3	OH2BN	50	115	25	2.875	OH2BN
4	TF3Y	28	58	15	870	TF3Y
5	OH1KH/M	6	15	5	75	OH1KH

Multi Operator Single Transmitter

Rank	Call	QSO	Points	Mult.	Score	Operators
1	SM0W	1784	4.205	218	916.690	SM0W SM0CXU
2	SA8C	1757	4.183	219	916.077	SM3PHM SM3VAC
3	LA2AB	1845	4.211	213	896.943	LA7MFA LA/SP2ASJ
4	SM5J	1799	4.132	204	842.928	RM2D SM5PHU
5	OH2BAH	1633	3.746	207	775.422	OH2BAH OH2CV OH2PQ
6	SI9AM	1646	3.653	203	741.559	SM3CER SM3EAE SM3FJF
7	SM6BGG	1449	3.408	185	630.480	SM6BGG SM2BJS
8	SK5LW	1465	3.326	169	562.094	SM5SIC SM5PBT SM5OCK
9	SK6AW	1267	2.941	184	541.144	SM6DER SM6EHY SM6MIS SM6PPS SM6UQJ
10	TF4X	1118	2.592	150	388.800	TF3SA TF3SG
11	SB3W	542	1.269	122	154.818	SM3RAB SM3WMU

Multi Operator Multi Transmitter

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH1F	3392	7.973	279	2.224.467	OH1HS OH1MM OH1NOA OH1RX OH1TM
2	OH4A	2964	6.891	268	1.846.788	OH5WH OH6QU OH6XA
3	OH9W	3006	6.999	260	1.819.740	OH2BCI OH2BEE OH2GEK OH2TA OH5BQ
4	SK0QO	1973	4.471	209	934.439	SA0AAZ SA0BJL SM0DSF SM0DSG SM0FDO SM0NUE
5	OJ0AM	1646	3.959	165	653.235	OH2BH OH9MM
6	OZ0NAVY	1472	3.312	173	572.976	DL2JRM DL5SE
7	SK6HD	1230	2.681	168	450.408	SA6AQP SM6FKF

Checklogs

LA7JO, LA8CJ, OH0AL, OX3XR, OZ3SM, TF3DC, TF3VS/P

Jaan, SM0OEK (SE0TTT)

I love autumn and what better place to enjoy it than outside. After a longer period of radio silence I became active again at the end of last year. A lot has happened on the amateur radio front and the concept of Remote Controlled Radio operation made me come back. Living in a dense city with no room for antennas I was amazed to be QRV from a location way out in the woods from the comfort of my home. However, during the thunder and lightning season this kind of operation is limited. Instead I try to take my portable gear out for smaller expeditions. Sometimes right here in my nearby sanctuaries around Stockholm.

Me and my wife decided to take a weekend hike and I decided to bring my Elecraft KX1 with me since it was SAC CW. My intention for the contest was to get two QSOs in the log and prove that my rig was working.

After setting up our camp I decided to listen on the bands and see if there was any activity ongoing. I connected two 10-meter wires directly to the BNC connector of the rig. I tossed the active wire up into a tree and the other one as a counter poise. My band of choice was 40 meters and the time was just past 14:00 UTC. After finding a clear frequency I started my first CQ SAC TEST

I got a reply immediately by YL7A, ES1CW, UA5C and my goal was already fulfilled after three minutes. I guess that is the result of the Reverse Beacon Network. I shouted to my wife and showed her a "thumbs up" as she was enjoying the sun. I continued calling for a while and turned off the radio half an hour later when I didn't get any more QSOs. During that first half hour I got 9 QSOs, so it was time for beer and some food.

As the evening came and it was time to go to sleep I turned on the radio again and realized that the 40-meter band was now crowded, but I tried to squeeze in between some stations.

I called for five minutes and then gave up: what could I do, competing with big guns? Even if I managed to find a clear spot it was taken soon by someone with no ears. Turned off the radio, quite satisfied with the day's efforts and fell asleep.

The next morning after breakfast I felt like giving the contest a try again and see if perhaps 20 meters had something to offer. A good thing with the KX1 is the built-in antenna tuner. My antenna was cut for 40 meters and the tuner managed to get it in resonance with no problems also on 20 meters.

I listened on the band, heard a number of stations, picked a frequency quite high up and began to call. The first QSO on the new band was YT2T, followed by RG9A. After that it was quiet, no more tailing. A second CQ generated a new series of callers. I was impressed, like a pile-up almost. In 40 minutes I logged 33 QSOs, almost all of them without repetitions. Now I had definitely exceeded all my ambitions and I felt very ple-

ased. I looked at my watch and it was time for lunch, and after that we planned to start packing up our camp.

The sun was still shining after lunch and with one hour remaining of the contest I couldn't resist to do a last effort on 20 meters. I started to call again and got some additional QSOs into my log, and with only minutes before the end I was called by KA1R (not to be confused with K1AR who is a frequent SAC contester) who gave me my report and serial. Did I hear correctly? I was called by a NA station, obviously we both copied well and I double checked and he confirmed. What a good feeling a QSO can give, and what an ending!

I think portable is super fun. In less the 2 hours of activity I made a great number of QSO. Conditions were fine and if I look at my QSO range, 95% of them are within a 400-1500km radius. I guess my setup must have been the simplest possible in Scandinavia? (The KX1 only covers 80, 40, 30 and 20 meters) QSO's to remember were US7WW/QRP who I exchanged some comments with and he had a nice signal too. The same goes for KA1R. Later on I found out from him "- I made a few QSOs and copied the numbers, but did not record them."

I got really motivated by this contest. With 53 QSOs in the log I already set up a new goal for next year by doubling the number of QSOs.

So, best score, golden log, most of this and most of that is making the contest attractive. But there is no category for portable operation yet. In the "All Band - QRP (output 5 W or less) [SINGLE-OP ALL QRP]" category you can have big yagi antennas or good vertical antennas, and a nice comfy chair at home.

How about the station out in the wilderness running a home-built rig and wire antenna? Like in the SMP (SSA Portabeltest).

One can of course argue if it is necessary to have flavours of all categories? My suggestion is to keep the two categories for QRP as they are and instead of making a difference between assisted or not, put them together into one category and let there be a new "All Band - QRP (output 5 W or less) [SINGLE-OP PORTABLE ALL QRP]". I'm sure there will be an interest entering this category with the market of growing portable equipment. A plaque for this new entry category would perhaps attract contesters.

Another interesting plaque is for a ham who did something that stands out from the normal operation. Like running the contest /MM, /AM, or perhaps using a kite or helium balloon to support his or her antenna. Even such a thing as running the station on personally produced power from solar/wind/water could be eligible for this plaque.

Frank, ZL2B

I have a SAC CW certificate for the 1981 contest so I think that was the first year I operated in the SAC. My score was just 3,564 points, so I didn't make a lot of contacts. This year my claimed score is my best ever at 21,450 points from 223 contacts.

Propagation between New Zealand and Scandinavia is generally at its best during the NZ summer darkness hours. Short path and long path are both Polar routes and although there is not all that much difference in the path distances, the short path propagation is much more reliable. Also the third weekend in September is spring equinox for us and so the equal hours of darkness and daylight probably make it one of the best times in the year for ZL-Scandinavia propagation especially via the short path.

Here in NZ the contest kicks off at midnight local time and on 20m short path I found just a few stations to work before QSY:ing to 15m which had a lot more signals. I stayed on 15m until propagation closed around 1345 UTC, by which time I had made 57 contacts. So back to 20m, where my QSO total slowly increased for the remainder of the night. Around 1600 UTC I made a few pre-dawn contacts on 40m to take my QSO total to 130. As sunset approached in Scandinavia and with signals starting to fade out I decided part one of the SAC was over for me. So at around 1730 UTC just before my sunrise, I fed my cat and chickens, who are always up early, and then I went to bed.

Nothing happens during the day of course, until the long path starts to open around 1630 local time, so now it's time for SAC part two. The first band to open to Scandinavia was 40 m where it took me an hour to make just 17 contacts, which included all the Scandinavian stations I could hear. Generally in contests I operate mostly in running mode, but of course for this contest it's all S&P mode all the time for us non-Scandinavians. This means on 40 m I had to get through North American signals to make most of my contacts. 20 m long path was even tougher, where 30 minutes resulted in just 4 contacts.

So at 0630 UTC it was time for 15m short path again where I stayed until the contest closed. It was S&P all the time again, but luckily for me the Scandinavia-UA9/0/JA path is perfect for ZL as well. My QSO rate was slow but steady and I reckon I worked just about everyone I could hear.

This year I decided to use my ZL2B call, in past years I have operated using one of my other calls; ZL2BR, ZL4BR and ZM2B. Maybe I should explain - in New Zealand as well as having a primary permanent call, those who want can have also have a secondary permanent call. In addition those who want can have up to two temporary calls. Also everyone can use the ZM prefix instead of the ZL prefix during contests and other commemorative events.

My QTH is on the edge of the suburbs of New Plymouth city which is on the west coast of the North Island of NZ. My station set-up is modest: IC-7600, TS-2000, and an AL80B amp. The antennas are a Force 12 C-3S tribander, a 40m GP up 7m, and an 80m dipole.

I operate in many CW and RTTY contests each year, and the SAC is always on my must do list. Operating standards are very high and I really enjoy the challenge of working every Scandinavian station I can hear, especially the weaker stations who are probably running QRP/low power and simple antennas.

C U in SAC CW 2015!

Stefan, DL1NKS

I was first licensed 1999. In 2001 I was able to enter the shortwave bands when I passed my Morse code exam. Since that time I've been very active on the bands with now more than 300k QSOs in my log with my own callsign, operating 100W at my home-station.

SAC 2014 SSB was a big improvement for my little station. I got two new antennas: the first one is an Optibeam OB11-3 for 20m/15m/10m with full-size elements for each band, mounted 17m up. I really see the difference now between a trapped beam and full-size elements. I doubled my score, but of course conditions also were very good for me. My second new antenna is also an Optibeam: a rotary dipole OB1-4030, 20m up. As you know, the Scandinavians are north of Germany, so to have something to turn and point to north for 40m is very good. I can now work the stations faster and don't have to wait as long as I did with my old setup, when I used a dipole pointing only east/west.

Another reason for pushing my operating time was my project: DL1NKS QSO Marathon 2014. I wanted to break the old European one-year QSO record (single operator, own call sign) which requires more than 50k QSOs a year and therefore I needed every single QSO and every single Contest QSO in 2014 to reach my goal.

Therefore I had great fun in this year's SAC and enjoyed the time on the radio very much. In SAC I can always meet well-known contest friends which I've contacted in past years or contests.

In my shack I use a TS570 which served me with many nice QSOs the last ten years. I don't have a CAT connection between my PC and the TRX, so all the work is done by myself and all of my CW code is "selfmade" with my paddle. I really enjoy this way to contest and compete with others. All QSOs are powered by 100W because I don't have an amplifier.

My strategy was the same as in the years before. Working as many Scandinavians as possible and having fun. Maximum points or a good score are not that important for me. But it is not too bad to be listed high in the result list.

Rin, JG1VGX

My somewhat serious attempt at SAC CW was first made in 2012. Before contesting I've been a big fan of HF mobile operation, and I decided to enter that contest as mobile, JG1VGX/M, with my trusted ICOM 706mk2.

Living in an apartment in downtown Tokyo, I have no antennas put up at my home QTH. But the best thing with mobile is that you can move wherever you like!

Thus I carefully chose a panoramic location (see picture) in Tokyo that would give me the best propagation.

This year I ended up with 113 QSOs (confirmed) within the total operating time of less than 10.5 hours, for which I was pleasantly surprised! I would add that I ran only 50 watts due to Japan's regulations regarding portable and mobile operations.

The following year in 2013, I made up a two-man multi op team with Naotsugu JA1MML, and entered as 8J1MTD from the shack of the JE1ZWT contest station. 8J1MTD is a special event station celebrating the 70th anniversary of the municipality of Matsudo, Chiba (near Tokyo) where the contest station is located. We made 287 QSOs (confirmed) that year.

And finally in 2014, I decided to make a solo attempt (SOABHP) from another hilltop contest shack, JG1ZUY, in Chiba. It is owned by Kiyoshi JG1ILF and has three towers (see picture) and full SO2R capabilities with two IC-PW1 linear amplifiers.

Experience from the preceding years has told me that, in this contest, CQing is rarely productive from this end, even with high power, so I concentrated almost exclusively on S&P:ing. You may say that 'an S&P-only contest' is boring?

True, you cannot run Scandinavians at high rates. But running and S&P:ing are two completely different skill sets in contesting. As I had entered unassisted, I was almost continuously rotating the tuning dial during the 16 hours while any band is open to Scandinavia. While intensively S&Ping on the main TX, I sometimes employed tactical CQing on the second TX such as to pick up short openings on 10 meters.

Building up QSO numbers and multipliers is such fun and, since this is a 'serial number' contest, I became more and more motivated (or addicted) in the second half of the contest by eavesdropping on my competitors' exchanges.

I made 281 QSOs (claimed) and, although this is a little short of last year, I was overwhelmed by comfortable fatigue with a feeling of fulfillment when the contest is over.

Thomas, OZ1AA (CP6AA)

As a Scandinavian, SAC CW is right up there among the top events of the year. The best thing is to be back in OZ joining the competitive SOAB HP battle and trying to beat the OH and SM guys. The next best thing, if you find yourself in some exotic corner of the world, is to find a local station and search for those fluttery signals coming from the northern latitudes.

In earlier years I have participated in SAC as HB9/OZ1AA and VK8/OZ1AA.

This year I have been cycling across South America - quite an adventure out here on the desolated roads of the Andes Mountains. As September got closer

I had made it as far north as Bolivia and began looking for a station for SAC CW. A number of people suggested that I contact Radio Club La Paz.
CP1AA is located right on one of the central squares of La Paz. The call sign printed in big letters on a prominent building and a TH7 antenna on the roof let you know you have arrived at the right QTH.

Upstairs the radio room contains a couple of HF rigs. I was excited as I turned on my laptop and set up the logging program. A quick scan across the band revealed a number of Scandinavians calling CQ, as well as a 59+ line noise from the heavy traffic down on the square.

Apart from the line noise, another challenge is the 6000 m high mountains that surround La Paz. Despite the challenges OH4A was the first station in the log, quickly followed by stations from OH0, SM, LA, and OZ as well. Some of the stations one would have expected to be very strong like OH8X or OH0Z were actually harder to work. I guess those big stacks were pointing towards NA.

The fun ended after a few hours and some 50 contacts in the log. Thanks to the friendly guys at Radio Club La Paz for the chance to be QRV. Next year I might be cycling somewhere in Africa. Listen out for a weak 5H or Z2 in SAC CW 2015.

Bill, GI4AAM

I've been entering this contest for about 10 years as GI4AAM with very variable scores, because I mainly use S&P. I enter contests to keep GI land on the Contest Map. As I am now 80 years old, I tend to go to bed early and only operate for short periods.

A total of 438 minutes in this year's SAC during daytime. The main bands this year were 40, 20 and 15, and my equipment was an IC7400 running 100 watts into a G5RV via a MFJ993b ATU.

The most exciting contacts were OH2 on 10, 15, and TF.

Hope to see you next year.

9M6XRO: Band condx were pretty good with some outstanding Scandinavian sigs. Thank you to the organisers. 73 to all from Borneo!

A65BD:K3, spe-2k, hexxbeam at 12 m

AA2A: Thanks to Dave, k1ttt, for the use of his fine station!

BX4ABN: I enjoyed this contest.

DD0VS: Nice contest. Many thanks!

DJ2QV: Just giving out a few points

DJ6TK: Great fun again

DK3CC: Some breaks because of QAZ, but I was a little better than last year.

DK5ZX: A nice contest again!

DK5ZX: Thanks for ufb QSOs!

DL2DWP: Homebrew sdr-radio 1 watt out, g5rv

DL5AWI: QRL here and only a short entry! Great event! Hope to can take a longer time in the next year!

G3YEC: Lost all pc/sd power so all time spent on contest. Just done with power to rig only by batteries! Apologies to all for occasional bad morse caused by tiredness. There is always next year!! Contest by far my favourite. Good luck all.

G3ZGC: Only a brief entry for the contest.

G4DDL: My first play in sac, good fun and good ops, 73

I2WIJ: Not enough time but I had fun anyway.

IN3ISV: First contest in CW for me, only short time but very fun!!

JA1HFY: I enjoyed the contest. In addition, let's meet next year.

JA6CM: Op age 82 yrs.

JG1BGT: Rig Yaesu FT-817nd, pwr 5 W, ant long wire on fishing rod at balcony 4th floor.

JO1WIZ: The results booklet of 2013 is wonderful. Please make a 2014 edition.

JR1LLD: Rig the kd1jv tri-bander (assembly kit from Hendricks QRP kits, inc.) Pwr 5 W, ant dipole. Thanks for a nice contest! I will be back next year.

K3TW: "Congratulations to the fine cw operators in Scandinavia."

K5ZD: OH0V tried to move me to 10 m. I could hear him, but very faint and he could not hear me. 80m antenna was broken. 40 m showing high swr. I have work to do before cqww!

K6ND: Thanks to Will k6nd and Pam k6ndv for the use of the station. A lot of work is going into the station. Also thanks to Chris 9A5K for his work on dxlog software. I could not get many answers to my CQ's. Years ago I would spend half of the contest cq-ing. Now it's 95% tuning. 80 m was rough and weak but had to work extra hard to get a good score. Bands had little sac activity heard here from 1730-2130z and 0200-1030z. 10 m required repeated attempts to make QSOs. Only completed with oh0v and sm6m. Charlie N1RR opr @ K6ND

KC4ABC: Where are all the Norwegians ??? Scarce as 'lutefisk' in Florida !!!

LA2AB: Band condx good, even 10 m was open! Enjoyed contest immensely

LA9OI: I operated from my summer QTH in Hamaroey in north Norway. DX openings were very few and short due to aurora most of the weekend, and there was very much short skip on the higher bands. Equipment is FT 1000MP and Acom 1000 to a butternut hf6v vertical.

LN7TTT: Have big plans for this event. New antennas was put up. Antennas was very good, but op's was to tired. QRV 18 hours.

M5Z: K3, 5 meter wire with atu (ldg), win-test 4.12. My initial plan this year is to make at least 200 QSOs in order to compete "most accurate log" section. There was no opening on 10/15m to Scandinavia on saturday afternoon and my ldg tuner
refuse to tune 40 m in the evening, it became obvious i cannot make it, thus closing down station earlier. Anyway it is always amazing to read the story from enthusiastic Scandinavian station like sm0w! 73 Kazu. M5Z: M0CFW, M5Z, JK3GAD

MM2N: Almost all s&p, 10-15-20 only for a few hours sunday am. Tnx.

N1NN: 7th Scandinavian activity CW contest

N4PN: Nice contest...thanks to all who came out...it was fun. Nice to see 10 m open just a bit on sunday morning..

OF2AM: FTDX3000 + ACOM1011 + Steppir bigir

OH0V: Travelled to OH0V without really knowing if I can operate or not. Luckily there were only minor things to fix at the station, even as there had been some severe storms since my last visit. Started the contest right after climbing the towers a couple of times to measure if anything had changed or not. Installed new equipment at the station and the target was to see if everything functions in the contest. Did not really expect anything big and was not planning to actually operate through the 24 hours. Somehow managed to do that. Emptied one caffeine guarana can. I had that at 0145 utc. www.batterydrink.com. My operating was clumsy at times. thank you all for patience. I was adjusting many things at the station as it is not 'ready'. I have some empty 3 minutes breaks in the log as i shut down the station and re-started. I was experimenting quite a bit. Conditions were disturbed, so the score level could be better. Ten was open very marginally. Building stacked yagis is an excellent investment of time, but I got some good runs elsewhere. Best hour 190+ qsos. Looking back at the log, I got so many multipliers hopping the bands with me. Amazing ham spirit. Thank you. Only a handful of skeds did not go through. I will try to go to OH0V for ssb, again with some new equipment OH0V : to install and improve the station. Then operate some.

OH1QX: Construction of a 4-el 21 MHz yagi was initiated on friday. The yagi was still on the ground (2-el) when SAC started. Some QSO's were made with a 7 MHz vertical @21 MHz. The 2-el went up in the evening 2 m above a metal roof. Last (12th) qso that evening was buddy np2x. Next day the 2-el was turned to Japan (fixed for the remains of SAC). Some scatter was helpful from surrounding industrial buildings (at the OH3MHA-location). This sparked a new idea of a motorized pattern softener for contests, installed on the yagi (will be announced after more development). The two directors were completed after sac cw... cheers/73, "Zaba" OH1ZAA (guest op and antenna builder)

OH2T: Tnx again for the nice test. Unfortunately I could not attend 100% time.

OH3KAV: Thanks again for a nice sac. Activity was again quite nice, although the propagation was not as good as expected. Due to other activities I was able to spend about 14 hours on the air, but still got pretty much same number of QSOs as last year with more multipliers. In my suburban QTH the appliance-made QRN seems to increase every year, making usually 7 MHz very difficult to hear anything but the loudest stations, this time also 14 MHz was very noisy. So thanks a lot to everyone being patient with me and for repeating the messages for several times as needed. 73 and cu again next year de Ari OH3KAV.

OH4A: Three QRT-operators, three radios and no cluster or cw skimmer in use. That was the level of your m/m-effort seriousness. It

was fun anyway even though the propagation wasn't its best at this time. Thanks to Jukka OH6LI for letting us to use his superb station at OH4A.

OK1CZ: It has been many years since I entered SAC seriously, so now I am back again. Rig TS480 at 100 W and 2x54 m vee antenna. Pity that 10 m did not fully open.

ON4BF: Difficult operation condition due to high static level (storm, rain and electric discharges). However, lot of fun during the contest. Congratulations for excellent support of Scandinavian contesters! Thanks for all those answering my calls.

ON6QR: Nice to try the SAC for the first time!

OZ0NAVY: Really nice contest with really nice call - sign!

R0AA: Thanks for a nice contest! I will be back next year.

SE0TTT: I took my kx1 with me on a hike and hoisted up a 2x10m wire between two trees. Great fun and lots of activity during my two hours of activity.

SM2CVH: RX Drake R4A, TX Drake T4X, ant 100 m long-wire sw-ne. Pure manual op, no computer, no internet.

SP7QO: I am very enjoyed of participation again after many years in this nice contest for I like Scandinavia & Scandinavians. Excuse me please little delay in e-mailing of this log, but I was convinced I have had longer time (like 2-weeks) to do that. Will be nice to meet all of you in 2015 again! 73 Stan

TF3Y: Only had a few minutes for SAC this year.

TF4X: Remote operation - operating the TF4X station from Reykjavik. Very fun and interesting contest.

VK8AV: One of my favourite contests. Enjoyed using sd software.

VU2PTT: Just had a 15 m vertical and used the tuner for 10 m. Conditions sounded good with some QSB but with the vertical it was noisy and had QSB at times. Hope to do a better job when all antennas are up at this new QTH.

VU2UR: Taking part in QRP category for the first time. Used TS140s; 5 watts; inverted v antenna and vertical

YO2IS: Excellent conditions and good activity, got my best ever sac-cw score. Setup: IC-7000 100 W, diamond cp6 trap gp, & 41 m sloping wire, 73 Szigy.

SAC SSB 2014

AFRICA

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	EA8/OH2BP	266	340	103	35.020	EA8/OH2BP
2	EA8CTK	71	89	31	2.759	EA8CTK

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	ZS2EC	51	51	24	1.224	ZS2EC

Checklogs
C91EP

ASIA

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	JT1CO	459	801	148	118.548	JT1CO
2	UA9R	488	680	141	95.880	
3	RC9AR	242	390	103	40.170	RC9AR
4	RZ9JZ	309	325	95	30.875	RZ9JZ
5	4X0A	279	309	98	30.282	4X1VF
6	JG1VGX	237	287	90	25.830	JG1VGX
7	RA9JBA	245	245	93	22.785	
8	RK9QWM	246	246	89	21.894	RW9QU
9	UN6LN	201	223	78	17.394	UN6LN
10	BV1EK	101	105	56	5.880	BV1EK
11	TA5BS	111	111	46	5.106	
12	JH1CML	96	96	44	4.224	
13	VU2JOS	37	71	23	1.633	
14	JA9CCG	59	59	24	1.416	
15	HL5/LA8JKA	51	51	27	1.377	LA8JKA
16	JA3LEZ	28	50	19	950	
17	JF2JFP	29	29	19	551	
18	TA3GO	20	20	16	320	TA3GO
19	TA3AMH	20	20	13	260	
20	JH2RMU	22	22	11	242	
21	A92AA	15	15	12	180	A92AA
22	JS3LSQ	8	8	8	64	
23	JJ1RDX	5	5	4	20	
24	JG8TDZ	2	2	2	4	
25	JG3WCZ	1	1	1	1	JG3WCZ

Single Operator Assisted All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	VR2XMT	126	126	51	6.426	VR2XMT
2	TA5FA	119	119	51	6.069	TA5FA
3	BD7IS	61	61	38	2.318	BD7IS
4	5B4AIF	41	45	31	1.395	5B4AIE
5	UN9LU	46	46	29	1.334	
6	RA0AM	27	27	19	513	RA0AM
7	JH6WHN	23	23	18	414	JH6WHN
8	JA7ZP	11	17	9	153	JA7ZP

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	R9AB	330	500	128	64.000	R9AB
2	4K6FO	317	429	117	50.193	
3	RA9APG	195	291	76	22.116	
4	RF8R	234	250	76	19.000	
5	HS0ZHC	209	209	71	14.839	HS0ZHC
6	8Q7SN	190	190	77	14.630	UA3QNS
7	A71AE	155	155	82	12.710	A71AE
8	RD9U	157	167	73	12.191	
9	UA9KAA	154	166	68	11.288	
10	JA7BEW	148	160	65	10.400	
11	TA3X	129	129	63	8.127	
12	UA9JFH	131	131	53	6.943	
13	UA9JNT	108	126	54	6.804	
14	4X6DK	98	98	59	5.782	4X6DK
15	A71GO	87	87	56	4.872	
16	R9QQ	96	96	48	4.608	
17	RA9UGU	109	109	42	4.578	
18	UA9SMU	52	156	24	3.744	UA9SMU
19	UA9YE	69	69	53	3.657	
20	UN6GDX	47	91	35	3.185	UN6GDX
21	TA7EB	60	66	48	3.168	
22	E21LXK	64	64	43	2.752	E21LXK
23	TA3IUY	47	57	33	1.881	
24	JA4XHF/3	57	57	28	1.596	
25	TA7AZC	51	51	30	1.530	TA7AZC
26	RT8O	47	47	28	1.316	
27	TA7AO	56	56	18	1.008	TA7AO
28	4X1MA	30	30	22	660	
29	VU3LMS	22	38	14	532	
30	9W2MZY	28	28	16	448	9W2MZY
31	TA2AKG	27	27	16	432	TA2AKG
32	TA4MA	17	31	13	403	TA4MA
33	TA2TR	23	23	16	368	
34	VU3TMO	19	25	12	300	
35	JM3QIS	22	22	13	286	
36	JE1RRK	16	16	11	176	
37	JS3CGH	17	17	9	153	
38	JG2QUM	13	13	9	117	
39	TA4CS	11	11	10	110	
40	JH3GMI	10	10	9	90	
41	A65CR	10	10	9	90	
42	VU2BL	9	9	8	72	
43	JR4LRY	8	8	8	64	
44	JP1KOA	3	3	3	9	
45	JG1GCO	1	1	1	1	

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	RX9CCJ	292	322	93	29.946	
2	RA9MX	221	259	90	23.310	
3	RA0W	218	218	62	13.516	RA0W
4	JG1AVO	161	177	76	13.452	JG1AVO
5	TA3EL	101	101	28	2.828	TA3EL
6	RK9UE	25	25	17	425	RK9UE
7	BH1KVZ	13	13	9	117	BH1KVZ
8	VU3PRH	8	8	6	48	VU3PRH
9	VU3BLR	5	5	5	25	VU3BLR

Single Operator All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	RA0AY	71	71	36	2.556	
2	JH3DMQ	49	49	29	1.421	JH3DMQ
3	UA0SBQ/P	21	21	19	399	UA0SBQ
4	UB0AEX	22	22	14	308	

Single Operator Assisted All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	JA0VTK	15	15	10	150	JA0VTK

Multi Operator Single Transmitter

Rank	Call	QSO	Points	Mult.	Score	Operators
1	TC2C	576	680	142	96.560	TA1CR TA1HZ
2	RK9CYA	396	576	127	73.152	RA9CBO UA9CMP RK9CR IVAN KARPOV
3	RC9J	239	279	82	22.878	R9JR RZ9WF/8

Checklogs
JA1JPM, JG1ELE, R9AM, RA9AAA, RZ9U, RZ9UMA, RZ9UO, TA7AOF, UA0C

EUROPE

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	YP0C	737	737	164	120.868	YO3CZW
2	UT7Y	603	603	159	95.877	US0YW
3	RA3Y	553	553	166	91.798	RA3Y
4	LZ1ND	569	569	144	81.936	LZ1ND
5	US5D	533	533	144	76.752	UT7DX
6	EC7WA	537	537	141	75.717	
7	DL7SP	504	504	139	70.056	DL7SP
8	G3SWC	494	494	141	69.654	G3SWC
9	ES5G	424	424	137	58.088	ES6AXS
10	ES5MG	382	382	141	53.862	
11	DF1IAQ	376	376	130	48.880	DF1IAQ
12	IZ0PAU	443	443	109	48.287	
13	II4CDN	351	351	133	46.683	IK4AUY
14	ON5GQ	401	401	105	42.105	ON5GQ
15	EA5KO	355	355	102	36.210	EA5KO
16	LZ1DQ	305	305	105	32.025	LZ1DQ
17	UX3HA	279	279	113	31.527	
18	DL8AAE	269	269	114	30.666	DL8AAE
19	F4WAX	256	256	96	24.576	F4WAX
20	OM4KK	229	229	102	23.358	
21	IN3HDE	252	252	84	21.168	
22	DG9SEH	259	259	81	20.979	DG9SEH
23	IZ3WFD	219	219	93	20.367	
24	OK1HEH	217	217	86	18.662	OK1HEH
25	LZ1GE	185	185	95	17.575	LZ1GE
26	HB9EOU	233	233	71	16.543	
27	UG3G	174	174	92	16.008	
28	DK6UC	185	185	85	15.725	DK6UC
29	OP1A	194	194	80	15.520	OP1A
30	S51DX	197	197	77	15.169	S51DX
31	OK1KZ	187	187	79	14.773	
32	EA4GJT	161	161	86	13.846	EA4GJT
33	IK8NSR	185	185	67	12.395	
34	RX3AEX	144	144	82	11.808	
35	DD2CW	144	144	73	10.512	
36	DL6BLD	179	179	57	10.203	
37	U1BD	151	151	67	10.117	
38	UX3IT	143	143	67	9.581	UX3IT
39	F4GPB	154	154	62	9.548	F4GPB
40	IW3FVZ	172	172	55	9.460	
41	DL5YM	154	154	58	8.932	
42	EC1KR	164	164	53	8.692	EC1KR
43	MM2N	125	125	69	8.625	
44	YO8THG	116	116	73	8.468	
45	CT1IQI	110	110	68	7.480	CT1IQI
46	PA3ELQ	126	126	55	6.930	PA3ELQ
47	IZ3SQW	118	118	55	6.490	
48	G8JYV	106	106	59	6.254	G8JYV
49	F4FNT	112	112	54	6.048	
50	YO9IOE	105	105	56	5.880	
51	PH5T	111	111	41	4.551	PH5T
52	YO7CVL	85	85	52	4.420	YO7CVL
53	F8VNU	72	72	42	3.024	
54	OM2AAZ	93	93	32	2.976	OM2AAZ
55	DD4EW	70	70	38	2.660	
56	I2WIJ	75	75	35	2.625	
57	ES2IPA	68	68	38	2.584	
58	HB9EDY	91	91	28	2.548	OH6EDY
59	IZ5MOQ	65	65	37	2.405	
60	PA3J	76	76	31	2.356	
61	EW1NA	58	58	40	2.320	EW1NA
62	IZ2BKD	57	57	39	2.223	
63	4U1VIC	68	68	28	1.904	KL1A
64	RQ4C	56	56	33	1.848	RQ4C
65	YO3GNF	49	49	37	1.813	YO3GNF
66	SN6A	44	44	39	1.716	
67	IZ5ILK	75	75	17	1.275	IZ5ILK
68	F5LBL	34	34	25	850	
69	LY9Y	29	29	22	638	LY9Y
70	DJ2YE	37	37	14	518	DJ2YE
71	LY2AX	31	31	16	496	
72	EA5ERA	26	26	15	390	EA5ERA
73	RA4Y	16	16	14	224	RA4Y
74	ES1TP/2	13	13	13	169	ES2UK
75	OE1ERR	12	12	10	120	OE1ERR
76	G3ZGC	12	12	10	120	G3ZGC
77	OE1XAW	11	11	10	110	OE1ERR
78	SQ8JLF	6	6	6	36	
79	RV6LN	3	3	3	9	
80	YO8WW	3	3	3	9	YO8WW
81	IN3EJN	1	1	1	1	

Single Operator Assisted All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	YT2T	835	835	180	150.300	OU5A
2	IZ8EPX	730	730	172	125.560	
3	LY6A	518	518	168	87.024	LY6A
4	IZ3GNG	425	425	135	57.375	
5	DG1EA	401	401	119	47.719	DG1EA
6	PA3AAV	370	370	117	43.290	PA3AAV
7	EA7LL	372	372	113	42.036	
8	YO9HP	352	352	102	35.904	YO9HP
9	HB2T	294	294	112	32.928	HB9ELV
10	LX1NO	276	276	115	31.740	LX1NO
11	S52WW	320	320	93	29.760	S52WW
12	UA6YN	205	205	98	20.090	UA6YN
13	DG6SA	237	237	79	18.723	DG6SA
14	YO9WF	205	205	90	18.450	YO9WF
15	YO6QT	180	180	93	16.740	YO6QT
16	PC4H	195	195	82	15.990	PC4H
17	LZ2DF	170	170	91	15.470	LZ2DF
18	LY3CY	188	188	79	14.852	LY3CY
19	RY7G	186	186	69	12.834	RY7G
20	RA5B	150	150	76	11.400	RA5B
21	LZ6A	142	142	74	10.508	LZ2MAM
22	DL1DTL	112	112	66	7.392	
23	IT9VDQ	99	99	62	6.138	IT9VDQ
24	9A8DX	129	129	43	5.547	9A8DX
25	UT0U	99	99	50	4.950	UT0U
26	RO3G	98	98	49	4.802	RO3G
27	EW6GF	121	121	34	4.114	EW6GF
28	F5NBX	102	102	37	3.774	
29	EA7IVN	55	55	27	1.485	EA7IVN
30	S51TA	48	48	23	1.104	S51TA
31	DL9LM	48	48	23	1.104	DL9LM
32	SV3QUP	25	25	23	575	SV3QUP

Single Operator Assisted Low-Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	LY3BB	325	325	73	23.725	
2	HA4XH	250	250	70	17.500	HA4XH
3	LY5W	240	240	68	16.320	LY5W
4	UX1VT	207	207	63	13.041	UX1VT
5	ES2MC	152	152	60	9.120	ES2MC
6	ES6PA	142	142	58	8.236	
7	MW5R	132	132	58	7.656	MW0EDX
8	ES2DJ	136	136	51	6.936	ES2DJ
9	ES5GP	114	114	48	5.472	ES5GP
10	PA0MIR	103	103	53	5.459	PA0MIR
11	EI9HQ	97	97	44	4.268	EI9HQ
12	SP2GOW	88	88	42	3.696	SP2GOW
13	SQ6PWJ	97	97	29	2.813	SQ6PWJ
14	LZ5K	79	79	33	2.607	LZ1RAY
15	ES8SX	60	60	39	2.340	
16	YU2A	69	69	33	2.277	YU2A
17	ES1CW	63	63	36	2.268	
18	ES1O	60	60	33	1.980	ES2SDA
19	OK2BEN	27	27	18	486	

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	I2PJA	667	667	158	105.386	
2	F4FSY	682	682	152	103.664	F4FSY
3	DM1CM	520	520	131	68.120	DM1CM
4	RT4W	427	427	139	59.353	
5	RQ7L	438	438	119	52.122	RQ7L
6	YO3APJ	365	365	138	50.370	YO3APJ

7	IZ5BRW	414	414	120	49.680	
8	ER3CT	412	412	120	49.440	ER3CT
9	DK8NT	395	395	123	48.585	DK8NT
10	M0SIY	389	389	120	46.680	M0SIY
11	F1AEY	448	448	103	46.144	
12	OK1JOC	370	370	120	44.400	OK1JOC
13	HB9CIC	380	380	113	42.940	HB9CIC
14	LZ2ZY	335	335	121	40.535	LZ2ZY
15	DL8AAV	357	357	109	38.913	DL8AAV
16	LZ3SD	327	327	108	35.316	LZ3SD
17	SP6DVP	374	374	93	34.782	SP6DVP
18	LY1SR	327	327	104	34.008	
19	UA3ABJ	294	294	115	33.810	
20	YU1DX	296	296	113	33.448	YU1DX
21	EI30T	302	302	110	33.220	EI3CTB
22	9A2BD	270	270	119	32.130	9A2BD
23	SQ6H	287	287	111	31.857	SQ6H
24	IZ7FLS	287	287	111	31.857	
25	YO5NI	276	276	113	31.188	
26	ES1LS	267	267	113	30.171	
27	DM6KG	281	281	107	30.067	
28	R3LC	272	272	105	28.560	R3LC
29	YL3AD	285	285	99	28.215	YL3AD
30	HB9CNY	289	289	94	27.166	HB9CNY
31	ON5RZ	258	258	104	26.832	ON5RZ
32	EA5ET	258	258	104	26.832	
33	EA2DT	265	265	100	26.500	EA2DT
34	EB3WH	254	254	104	26.416	EB3WH
35	EA5HRB	266	266	98	26.068	EA5HRB
36	RA1ANY	255	255	101	25.755	
37	ON2CQ	292	292	87	25.404	ON2CQ
38	YO5OBA	231	231	108	24.948	
39	OE3MFC	252	252	99	24.948	OE3MFC
40	RG5A	220	220	112	24.640	RG5A
41	DG5MLA	249	249	94	23.406	
42	UY0CA	262	262	88	23.056	
43	MU0GSY	264	264	84	22.176	MU0GSY
44	LZ1DM	233	233	94	21.902	LZ1DM
45	HB9MXY	248	248	87	21.576	HB9MXY
46	DK3WM	223	223	96	21.408	
47	F6DRP	270	270	78	21.060	F6DRP
48	EA5FWW	235	235	87	20.445	EA5FWW
49	I3QKO	276	276	73	20.148	
50	F6FTB	234	234	83	19.422	F6FTB
51	R4WAB	235	235	82	19.270	
52	IZ2SMQ	176	176	99	17.424	
53	YO6LA	224	224	77	17.248	YO6LA
54	OE6HLF	209	209	82	17.138	
55	IW2FUT	186	186	88	16.368	IW2FUT
56	PC5Q	200	200	79	15.800	PC5Q
57	DL4MFR	182	182	86	15.652	
58	YL3GAZ	186	186	84	15.624	
59	LZ2FM	177	177	87	15.399	
60	ON6LO	198	198	74	14.652	
61	SV2YC	215	215	68	14.620	SV2YC
62	I0/YO7LKW	197	197	74	14.578	
63	CT7AIX	196	196	74	14.504	CT7AIX
64	OE1WWL	195	195	74	14.430	OE1WWL
65	SP3NYC	169	169	85	14.365	SP3NYC
66	EA1AJV	172	172	83	14.276	
67	DL1KRT	172	172	83	14.276	DL1KRT
68	YO4SI	148	148	94	13.912	YO4SI
69	RA3DQP	189	189	70	13.230	
70	YL2GUV	191	191	68	12.988	YL2GUV
71	SO5MAX	175	175	73	12.775	SO5MAX
72	IZ4YFM	148	148	83	12.284	
73	G4DFI	159	159	73	11.607	G4DFI
74	F6CYT	151	151	76	11.476	
75	OM2TB	206	206	55	11.330	OM2TB
76	RU3XY	141	141	79	11.139	RU3XY
77	OK1PX	156	156	70	10.920	OK1PX
78	IN3ADW	154	154	70	10.780	
79	OM8JP	154	154	70	10.780	
80	IZ0VXY	163	163	63	10.269	
81	OM6AT	158	158	63	9.954	OM6AT
82	SQ9FQY	150	150	66	9.900	
83	IZ3XNJ	150	150	65	9.750	
84	IZ2SXZ	146	146	64	9.344	
85	EA4EMC	132	132	68	8.976	EA4EMC
86	ON3ND	143	143	62	8.866	
87	IW2MWC	141	141	62	8.742	
88	OE3DMA	127	127	68	8.636	
89	DO6LE	150	150	56	8.400	
90	EA2DNR	116	116	71	8.236	
91	IT9BZW	128	128	64	8.192	
92	PA0EMO	144	144	55	7.920	
93	SQ2HCK	126	126	62	7.812	
94	DF0IA	154	154	50	7.700	DO1RWM
95	PA0B	159	159	48	7.632	PA0B
96	DK4EF	120	120	63	7.560	DK4EF
97	YO7AQF	128	128	59	7.552	
98	PA5P	106	106	70	7.420	PA5P
99	DL9HB	127	127	57	7.239	
100	YO2LXW	110	110	64	7.040	YO2LXW
101	F6HHR	131	131	53	6.943	
102	DF8HS	124	124	55	6.820	DF8HS
103	UR5QW	106	106	63	6.678	UR5QW
104	DL3YEI	117	117	57	6.669	
105	IK4XQT	118	118	55	6.490	
106	YO9BXE	103	103	63	6.489	YO9BXE
107	ON5GF	131	131	48	6.288	ON5GF
108	EB1DJ	116	116	54	6.264	EB1DJ
109	DK2TS	104	104	60	6.240	DK2TS
110	DL9LF	112	112	54	6.048	DL9LF
111	DL2FK	108	108	56	6.048	DL2FK
112	OK6WP	100	100	60	6.000	OK6WP
113	RN4SC	107	107	56	5.992	RN4SC
114	UT8AS	105	105	57	5.985	
115	TK4LS	200	200	29	5.800	TK4LS
116	SV1/OH2KW	99	99	58	5.742	
117	F5BTH	104	104	54	5.616	F5BTH
118	LY2ND	96	96	58	5.568	LY2ND
119	IN3TTL	105	105	53	5.565	
120	IK0OKY	100	100	54	5.400	
121	2E0EDL	96	96	56	5.376	2E0EDL
122	DK4IO	108	108	48	5.184	DK4IO
123	IK7RVY	133	133	38	5.054	
124	R2AHS	111	111	45	4.995	
125	OM8MF	106	106	46	4.876	
126	IZ7XIB	89	89	54	4.806	
127	9A2EY	105	105	45	4.725	9A2EY
128	PA5JD	129	129	36	4.644	PA5JD
129	OM7AB	102	102	44	4.488	OM7AB
130	DM5JL	93	93	48	4.464	
131	YO4FZX	91	91	49	4.459	
132	4O7CW	99	99	45	4.455	4O7CW
133	DQ2T	89	89	50	4.450	DK4LL
134	DF3TE	102	102	43	4.386	DF3TE
135	F5MA	91	91	48	4.368	
136	OK1VHV	89	89	48	4.272	OK1VHV
137	DL2DQL	98	98	42	4.116	DL2DQL
138	IV3DCZ	89	89	46	4.094	
139	IZ2ZOT	94	94	43	4.042	
140	R4SAJ	78	78	50	3.900	R4SAJ
141	PA3HCC	95	95	40	3.800	PA3HCC
142	SP3BES	88	88	43	3.784	
143	RW3AI	79	79	47	3.713	RW3AI
144	IX1BFL	63	63	58	3.654	
145	PA3DBS	87	87	41	3.567	PA3DBS
146	SQ9OUM	99	99	36	3.564	SQ9OUM
147	EA1QS	127	127	28	3.556	EA1QS
148	EW8OG	79	79	45	3.555	EW8OG
149	PA1TO	88	88	40	3.520	PA1TO
150	ES2BH	83	83	42	3.486	ES2BH
151	YO7DMX	76	76	45	3.420	
152	EW3AAM	86	86	39	3.354	
153	DL7UXG	83	83	39	3.237	
154	HB9/IW2NRI	80	80	40	3.200	
155	SP9JZT	103	103	31	3.193	SP9JZT
156	SP5DRE	96	96	33	3.168	SP5DRE
157	DH1PAL	78	78	40	3.120	DH1PAL
158	RK3DU	73	73	41	2.993	RK3DU

159	YO9HOW	73	73	39	2.847	
160	OK5SE	83	83	32	2.656	
161	TA1AGA	63	63	42	2.646	TA1AGA
162	SP1QXK	75	75	34	2.550	
163	EA5BAH	79	79	32	2.528	OH2BAH
164	YO8MI	84	84	30	2.520	YO8MI
165	IN3EIS	59	59	41	2.419	
166	SQ4CTS	58	58	41	2.378	
167	IW3GST	64	64	36	2.304	
168	2W0WOD	61	61	37	2.257	2W0WOD
169	IK4VET	57	57	39	2.223	
170	G4AYU	61	61	36	2.196	G4AYU
171	HG2UK	57	57	37	2.109	
172	IT9ZIV	53	53	38	2.014	
173	PE1RWL	59	59	34	2.006	PE1RWL
174	DF9XI	66	66	30	1.980	
175	YL2NK	51	51	38	1.938	YL2NK
176	YO4BXX	51	51	37	1.887	YO4BXX
177	DC7DX	50	50	35	1.750	
178	YO4GPC	51	51	32	1.632	
179	DL3PW	48	48	34	1.632	
180	YO9HG	54	54	28	1.512	YO9HG
181	IN3FXP/I6	42	42	34	1.428	
182	PF9A	50	50	28	1.400	PF9A
183	PA3ESO	51	51	27	1.377	PA3ESO
184	M0IEI	52	52	26	1.352	M0IEI
185	YO6FPW	45	45	30	1.350	
186	EB5GGB	42	42	32	1.344	
187	US1UU	49	49	27	1.323	
188	PC3H	49	49	27	1.323	
189	IN3ANF	44	44	29	1.276	
190	DO3SL	44	44	29	1.276	
191	OK2SGY	47	47	27	1.269	OK2SGY
192	EW2EO	50	50	25	1.250	EW2EO
193	RV1OO	40	40	30	1.200	
194	PA/LA3NO	48	48	25	1.200	LA3NO
195	PD2TW	52	52	22	1.144	PD2TW
196	OM2AGN	41	41	27	1.107	
197	IT9FGH	38	38	29	1.102	
198	YO5TP	50	50	22	1.100	YO5TP
199	9A4DD	47	47	23	1.081	
200	OK2KFK	37	37	29	1.073	
201	IW1BEF	48	48	22	1.056	
202	G4ERW	40	40	26	1.040	
203	DO1HGS	48	48	21	1.008	
204	YO5DMB/P	39	39	25	975	YO5DMB
205	RN3FY	39	39	25	975	
206	YO2MJZ	41	41	23	943	
207	IZ1RYS	35	35	24	840	
208	DD5MB	35	35	24	840	
209	DO5BK	45	45	18	810	DO5BK
210	PD8J	37	37	21	777	PD8J
211	YO9ADN	32	32	24	768	
212	SV1KYC	32	32	24	768	
213	EA1IQC	38	38	20	760	EA1IQC
214	DF1MC	33	33	22	726	DF1MC
215	IZ2ZQP	32	32	22	704	
216	UA6JQ	33	33	21	693	UA6JQ
217	RV3ABR	38	38	18	684	
218	SP6BAA	31	31	22	682	SP6BAA
219	DL7LX	28	28	24	672	DL7LX
220	IV3IDP	30	30	21	630	
221	DK6SP	33	33	17	561	
222	DB1WT	27	27	20	540	
223	IK8RJS	25	25	20	500	
224	IN3EQC	29	29	15	435	IN3EQC
225	YO3AAS	25	25	17	425	
226	DO4MTB	32	32	13	416	
227	DJ9SN	26	26	16	416	
228	LZ3RN	21	21	17	357	LZ3RN
229	IZ6DWH	22	22	16	352	
230	SP9IKN	23	23	15	345	
231	ES4BO	21	21	16	336	ES4BO
232	PA2TA	25	25	12	300	PA2TA
233	YO2MLS	22	22	13	286	YO2MLS
234	LZ1UK	20	20	13	260	LZ1UK
235	SQ7OVZ	19	19	13	247	SQ7OVZ
236	PA3CGJ	19	19	13	247	PA3CGJ
237	DO3SH	20	20	12	240	
238	LY2BAA	18	18	11	198	LY2BAA
239	IN3EJM	14	14	13	182	
240	S51AF	14	14	10	140	S51AF
241	PD/DO1BEN	12	12	11	132	DO1BEN
242	I3YYY	12	12	11	132	
243	UA6ABE	13	13	10	130	UA6ABE
244	UR3QOD	12	12	10	120	
245	IZ0IRH	13	13	9	117	
246	DL1NPG	11	11	10	110	
247	IZ0UIN	13	13	8	104	
248	I5FIP	11	11	9	99	
249	RG3AR	10	10	9	90	
250	IU5BLZ	10	10	9	90	
251	DG2FDE	10	10	9	90	
252	9A5YY	9	9	9	81	9A5YY
253	DL8BP	8	8	8	64	DL8BP
254	DF9FS	9	9	7	63	DF9FS
255	OK2GU	7	7	6	42	
256	G4EDG	6	6	6	36	
257	OK1CDS	5	5	5	25	OK1CDS
258	IZ2CSX	5	5	4	20	
259	HA7JQK	5	5	4	20	
260	YU1HFG	3	3	2	6	
261	CS7AFR	2	2	2	4	CS7AFR

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	9A9J	623	623	159	99.057	9A7ZZ
2	EA1ACP	488	488	152	74.176	EA1ACP
3	DL1NKS	408	408	119	48.552	DL1NKS
4	OK1AY	363	363	120	43.560	OK1AY
5	IZ8EFD	348	348	101	35.148	
6	YO9AGI	295	295	119	35.105	YO9AGI
7	OK4DZ	298	298	114	33.972	OK4DZ
8	EA2WD	270	270	100	27.000	EA2WD
9	OK8DD	258	258	99	25.542	OK8DD
10	HA8RT	268	268	95	25.460	HA8RT
11	YO9DL	204	204	96	19.584	
12	GI4AAM	204	204	87	17.748	GI4AAM
13	US5QUB	189	189	91	17.199	US5QUB
14	9A2GA	192	192	86	16.512	9A2GA
15	PA2CVD	208	208	76	15.808	PA2CVD
16	9A6DJX	205	205	77	15.785	
17	S55X	220	220	69	15.180	S55X
18	YL2GP	167	167	86	14.362	
19	YU1AST	178	178	80	14.240	YU1TTT
20	SP6FJ	197	197	67	13.199	SP6FJ
21	YO7ARY	168	168	76	12.768	YO7ARY
22	OM4O	146	146	75	10.950	OM3NI
23	EB5TT	139	139	76	10.564	EA5URB
24	LY2DX	141	141	64	9.024	
25	9A3MBM	136	136	65	8.840	9A3MBM
26	DK2AB	116	116	66	7.656	DK2AB
27	S56A	116	116	63	7.308	S56A
28	F1VEV	95	95	60	5.700	F1VEV
29	PB7Z	113	113	50	5.650	PB7Z
30	F4FLO	93	93	56	5.208	F4FLO
31	PA3HFJ	105	105	45	4.725	PA3HFJ
32	CT2IVH	99	99	47	4.653	
33	DL9HD	76	76	61	4.636	
34	PA2GRU	96	96	47	4.512	PA2GRU
35	SP6AXW	96	96	45	4.320	
36	DK2CX	81	81	50	4.050	
37	9A3RPZ	88	88	37	3.256	9A3RPZ
38	EW1FM	76	76	41	3.116	
39	ER4LX	74	74	40	2.960	ER4LX
40	PA7MF	67	67	37	2.479	PA7MF
41	PE1KWH	60	60	33	1.980	
42	G8DQP	60	60	29	1.740	G8DQP
43	DL3ZAI	62	62	26	1.612	
44	R7CA	59	59	24	1.416	
45	G7Y	42	42	20	840	G7Y
46	RX7T	35	35	20	700	RX7T

47	9A6IND	30	30	22	660	9A6IND
48	PD4M	34	34	18	612	PD4M
49	G7TWC	36	36	17	612	G7TWC
50	M5Z	26	26	20	520	JK3GAD
51	ON6FC	28	28	10	280	ON6FC
52	DJ6DO	7	7	7	49	DJ6DO
53	IK2IKW	6	6	6	36	IK2IKW

Single Operator All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	HG3M	431	431	137	59.047	HA3MY
2	IW2NEF	245	245	76	18.620	IW2NEF
3	UT5UUV	189	189	95	17.955	
4	YO4AAC	171	171	65	11.115	
5	SP2ILQ	151	151	71	10.721	SP2ILQ
6	R7FO	149	149	67	9.983	
7	UT4UMZ	140	140	71	9.940	
8	PA0AWH	127	127	56	7.112	PA0AWH
9	MA0FNR	125	125	53	6.625	
10	R1AO	99	99	44	4.356	
11	PD0PMS	110	110	37	4.070	
12	SP7VTQ	78	78	50	3.900	SP7VTQ
13	DL3UX	101	101	37	3.737	DL3UX
14	HB9WAM	77	77	43	3.311	HB9WAM
15	SQ6IYV	78	78	42	3.276	SQ6IYV
16	DJ3GE	79	79	32	2.528	DJ3GE
17	PA0RBO	56	56	44	2.464	PA0RBO
18	HB9EMS	70	70	35	2.450	HB9EMS
19	RZ3ARO/6	61	61	38	2.318	
20	UT1PG	60	60	33	1.980	
21	HA5BA	48	48	30	1.440	
22	PD0JMH	49	49	23	1.127	
23	DR3R	30	30	23	690	DL3BWG
24	OK6OK	9	9	7	63	
25	M0DZB	7	7	5	35	M0DZB
26	TA1CH	4	4	4	16	

Single Operator Assisted All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	RW4WA	318	318	142	45.156	RW4WA
2	EA3FF	184	184	94	17.296	EA3FF
3	IK4OMU	201	201	81	16.281	IK4OMU
4	IK3XTY	99	99	50	4.950	
5	PE2K	102	102	45	4.590	PE2K
6	HB9EYP	55	55	35	1.925	HB9EYP
7	LZ5QZ	41	41	27	1.107	LZ5QZ
8	MI6LLG	40	40	21	840	

Multi Operator Single Transmitter

Rank	Call	QSO	Points	Mult.	Score	Operators
1	HG7T	778	778	181	140.818	HA5MY HA7TM
2	UT7E	689	689	167	115.063	UV5EOZ UR5GDX UT5EL UT4EO UR5EAW
3	HG6V	566	566	163	92.258	HA6IHA HA6QT HA6IGU HA6FQ HA5PA
4	HB9EP	489	489	142	69.438	HB9DOS HB9DUR HB9FBL HB9FLE
5	PA6SAC	381	381	115	43.815	PA3DAT PD2JM PE5JW PH0AS PA8KW
6	HA1NR	350	350	125	43.750	PANCZEL_BALINT PANCZEL_LAJOS
7	YL2014S	193	193	95	18.335	LINA ARSEN YL2PP
8	YL1XN	183	183	94	17.202	YL3AJA OSKARS_DOLMA-TOVS RITVARS_ STRIKIS
9	UR4PWC	108	108	57	6.156	FISYURA_MAK-SYM OKHMAN-YUK_VALERIY
10	RK1QWX	73	73	44	3.212	STAROVEROV_ EUGEN
11	UR4RWW	37	37	25	925	UR5RAB UR5RU
12	RK4W	35	35	22	770	ROMAN_ZAUGO-LYCHEV MATVEY_ PERMINOV
13	S59T	33	33	21	693	S59T

Checklogs

CU2JT, DG7DBR, DK5CF, DL5JRA, DL7UGO, DL8DWW, DL8UAA, DM5DX, DM7DU, DO8LG, E74Y, EC5CR, IZ2LTW, M0TQM, M6EAM, OK2BZ, OT4T, PA3GDG, RA4DB, RM3TO, RN3FK, RU6K, SP1FRC, SP6CZ, SP7JPN, SP7QPG, SV1JGX, US0LW, US0UX, US5ZE, UT4UO, UT6EE

NORTH AMERICA

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	K8MFO	248	318	84	26.712	K8MFO
2	WX4G	178	236	81	19.116	WX4G
3	N8II	189	223	76	16.948	N8II
4	K3ZO	111	199	70	13.930	
5	KA8Q	149	165	64	10.560	KA8Q
6	W1GXZ	87	99	48	4.752	
7	N6AR	52	96	39	3.744	N6AR
8	K5ZD	68	84	40	3.360	K5ZD
9	K9NW	45	63	30	1.890	K9NW
10	W7TX	25	25	17	425	W7TX

Single Operator Assisted All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	N4LA	217	299	85	25.415	N4LA
2	NK3Y	178	220	71	15.620	NK3Y
3	K1TH	101	129	53	6.837	K1TH
4	N3QE	98	104	41	4.264	N3QE
5	W5GN	57	67	39	2.613	W5GN
6	VA6NJK	58	58	28	1.624	VA6NJK
7	VE3BK	49	51	25	1.275	VE3BK
8	KY7M	37	41	28	1.148	KY7M
9	KB0HP	24	34	18	612	KB0HP
10	N5RWK	15	15	12	180	N5RWK
11	AF6WF	12	12	9	108	AF6WF
12	K4HNL	2	2	2	4	K4HNL

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	AB2TC	133	151	57	8.607	AB2TC
2	KB1VUN	89	115	49	5.635	KB1VUN
3	NA8V	94	112	50	5.600	
4	W1DYJ	71	93	42	3.906	W1DYJ
5	WP3GW	66	66	37	2.442	
6	N1WRK	52	52	32	1.664	
7	AK4RV	45	45	29	1.305	AK4RV
8	W1MSW	41	41	31	1.271	W1MSW
9	W9SS	49	49	23	1.127	
10	VE9OA	8	24	8	192	VE9OA
11	WZ6ZZ	15	15	10	150	
12	KD4QMY	5	5	4	20	KD4QMY
13	WB3CII	3	3	2	6	WB3CII
14	VE3AJ	2	2	2	4	VE3AJ
15	KE6DM	2	2	2	4	KE6DM
16	W8MSC	1	1	1	1	W8MSC
17	N2MHO	0	0	0	0	N2MHO

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	W1/SP4Z	61	93	48	4.464	W1/SP4Z
2	KC0DEB	7	7	6	42	KC0DEB
3	AE7DW	1	1	1	1	AE7DW

Single Operator All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	K3TW	17	19	14	266	K3TW
2	WB0IWG	3	3	2	6	WB0IWG

Multi Operator Single Transmitter

Rank	Call	QSO	Points	Mult.	Score	Operators
1	VE6JY	169	251	70	17.570	VE6JY VA6MA

Checklogs
K7BX, VE2PIJ, XE2B

OCEANIA

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	YB2DX	157	191	81	15.471	YB2DX
2	VK4/SM6LRR	145	149	64	9.536	SM6LRR
3	YB0NFL	131	133	66	8.778	YB0NFL
4	VK2OXZ	49	51	28	1.428	VK2OXZ
5	DU1EG	24	24	15	360	DU1EG
6	VK4BRT	14	14	10	140	VK4BRT
7	YB9WZJ	7	7	7	49	YB9WZJ

Single Operator Assisted All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	YC9WIC	47	47	28	1.316	YC9WIC
2	YC3FZ	4	4	2	8	YC3FZ

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	YB5BOY	68	68	36	2.448	YB5BOY
2	YB0COX	37	37	28	1.036	YB0COX
3	DU2XXA	35	35	26	910	
4	YB8EDO	16	16	15	240	YB8EDO
5	YB0OHG	12	12	10	120	YB0OHG
6	YB5EHQ	8	8	8	64	YB5EHQ
7	DU7RH	7	7	7	49	

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	YC0OST	78	78	31	2.418	YC0OST
2	YC9GWR	9	9	9	81	YC9GWR

Multi Operator Single Transmitter

Rank	Call	QSO	Points	Mult.	Score	Operators
1	YB3ZCD	18	18	13	234	YB3BX YB3KK YC3FZ YD3BND N1IP
2	DX1PUP	12	14	11	154	DV1RFW DV1RFO DV1RFV 4F1TDT DV1VIP DW1XMU DW1XBM DW1WMV DW1WQB DW1WQJ

SOUTH AMERICA

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	PY2ZXU	404	534	123	65.682	PY2ZXU
2	PJ4DX	356	470	126	59.220	PJ4DX
3	PY2ZEA	383	471	121	56.991	OH2MM
4	CE2SQE	85	109	54	5.886	CE2SQE
5	PS7AB	34	34	22	748	PS7AB
6	LU8DY	26	26	19	494	
7	HK3Q	19	19	12	228	HK3Q

Single Operator Assisted All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	PY5DC	104	104	61	6.344	PY5DC
2	CX7ACH	60	60	31	1.860	CX7ACH
3	PY7CRA	31	39	28	1.092	PY7VI
4	PY2VOA	18	18	11	198	PY2VOA

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	HK3JJH	119	167	63	10.521	
2	LT7F	82	82	43	3.526	LU6FOV
3	PY1PDF	52	52	35	1.820	PYPDF
4	CE1UGE	21	35	16	560	CE1UGE
5	HK4KM	11	13	10	130	
6	PU5RHT	2	2	2	4	PU5RHT

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	PY5FO	154	154	68	10.472	PY5FO
2	PY8WW	133	153	58	8.874	PY8WW
3	LU2NI	69	85	41	3.485	LU2NI
4	PY1SX	39	39	21	819	PY1SX
5	PY4XX	28	28	23	644	PY4XX
6	PY2UD	28	28	15	420	PY2UD
7	PU5AAD	20	20	11	220	PU5AAD
8	PU8WZT	15	15	8	120	PU8WZT
9	PY2WK	10	10	8	80	PY2WK
10	PU1WTM	8	8	7	56	PU1WTM
11	PU5SVE	5	5	5	25	PU5SVE
12	HK3JJB	3	7	3	21	HK3JJB

Single Operator Assisted All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	PU1MHZ	17	17	13	221	PU1MHZ
2	PY2BN	5	5	4	20	PY2BN

SCANDINAVIA

Single Operator All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	SJ2W	2526	6.281	281	1.764.961	SM2WMV
2	OH8X	2344	5.775	300	1.732.500	OH2UA
3	OH0Z	2016	4.860	282	1.370.520	OH6EI
4	SG8X	1665	3.914	272	1.064.608	SM5AQD
5	OZ7X	1667	4.344	213	925.272	OZ5KF
6	OH2PM	1436	3.276	264	864.864	
7	SM0W	1435	3.432	246	844.272	SM0W
8	OH5TS	1383	3.093	241	745.413	
9	SE0X	1232	2.873	222	637.806	SM0MDG
10	OH6MW	1311	2.953	200	590.600	OH6MW
11	OH2XX	1041	2.485	220	546.700	OH2XX
12	SM0T	1104	2.518	208	523.744	
13	SM2T	1146	2.618	199	520.982	SM2EZT
14	SG0X	1137	2.557	196	501.172	SG0X
15	OH0V	1014	2.313	207	478.791	OH6LI
16	OZ4MD	929	2.265	183	414.495	OZ4MD
17	SE2R	985	2.161	182	393.302	SM2OAN
18	SL0W	851	1.958	195	381.810	SM0AJU
19	OG1M	871	1.873	182	340.886	OH1VR
20	OH1NX	813	1.906	177	337.362	OH1NX
21	SG6T	786	1.837	179	328.823	SM6WET
22	OH6XY	822	1.808	179	323.632	OH6XY
23	OH4MDY	869	1.937	165	319.605	OH4MDY
24	SM6BGG	837	1.917	165	316.305	SM6BGG
25	SE4E	782	1.707	180	307.260	SM4DQE
26	SI3A	914	1.986	153	303.858	SM3LIV
27	OH4BNP	784	1.697	174	295.278	OH4BNP
28	OH5KW	611	1.375	171	235.125	
29	SI9AM	747	1.557	125	194.625	SA0BYP
30	SA2Z	632	1.375	137	188.375	SM2YPZ
31	SM5ALJ	545	1.226	153	187.578	SM5ALJ
32	SD2G	668	1.394	127	177.038	SD2G
33	SM5YMT	522	1.166	140	163.240	SM5YMT
34	SM7DQV	521	1.122	134	150.348	SM7DQV
35	SK90ZK	499	1.117	133	148.561	SM4HFI
36	TF2LL	509	1.233	115	141.795	TF2LL
37	SM5U	506	1.057	118	124.726	SM5U
38	7S6A	487	1.045	115	120.175	SM6JSM
39	OH10A	419	908	124	112.592	OH1HS
40	SE2I	415	863	104	89.752	SA2BRN
41	SM4EMO	384	865	96	83.040	SM4EMO
42	SM6NT	340	755	101	76.255	SM6NT
43	LA8FTA	392	814	88	71.632	LA8FTA
44	SM7ATL	302	644	98	63.112	
45	OZ8PG	319	740	85	62.900	OZ8PG
46	SK0CC	298	687	80	54.960	SM6PDF

47	OH8CW	253	524	88	46.112	
48	SM6VYP	196	426	83	35.358	
49	SM3NFB	263	557	62	34.534	
50	OH2KW	192	433	68	29.444	
51	OF2AM	199	421	68	28.628	OH2BBM
52	OH1OR	231	485	57	27.645	OH1OR
53	SM6E	218	465	57	26.505	SM6FUD
54	SM0TSN	168	357	71	25.347	SM0TSN
55	SM5BMB	132	305	63	19.215	SM5BMB
56	OU4O	142	334	57	19.038	OZ4O
57	OH1WZ	146	337	53	17.861	ILKKA
58	SA3BPG	135	318	46	14.628	
59	LM1814	136	300	44	13.200	LA7VK
60	SA6U	94	213	48	10.224	
61	SF7WT	54	125	36	4.500	
62	OZ4ACH	49	108	34	3.672	OZ4ACH
63	5P1B	44	98	30	2.940	5P1B
64	SM6LPF	33	78	26	2.028	SM6LPF
65	SM3C	34	70	21	1.470	SM5CCT
66	SM6M	36	85	17	1.445	
67	OZ7DK	24	56	20	1.120	OZ7DK
68	OZ1AYW	17	34	15	510	
69	OG7M	12	30	12	360	OG7M

Single Operator Assisted All Band High Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH5BM	1558	3.470	237	822.390	OH5BM
2	OH2BV	1346	3.110	224	696.640	OH2BV
3	LI3C	1393	3.062	222	679.764	LA9DFA
4	OG1D	1091	2.564	229	587.156	OH1JD
5	8S4S	1302	2.788	208	579.904	SM6U
6	OH1Z	1220	2.667	215	573.405	OH1LEG
7	OG6N	1095	2.440	217	529.480	
8	OH1TX	1017	2.298	190	436.620	
9	OZ2PBS	1009	2.404	171	411.084	OZ2PBS
10	5Q2J	806	1.999	185	369.815	5Q2J
11	OH6RE	823	1.797	179	321.663	OH6RE
12	LA3BPA	795	1.782	168	299.376	LA3BPA
13	7S2W	686	1.497	150	224.550	SM2EKM
14	LA6UL	611	1.264	135	170.640	LA6UL
15	LA5UF	537	1.187	142	168.554	LA5UF
16	OG90AA	637	1.322	113	149.386	OG90AA
17	OH6CT	490	1.111	127	141.097	
18	LA7GNA	553	1.229	113	138.877	LA7GNA
19	SE2T	495	1.045	110	114.950	SE2T
20	SM4PEL	415	890	115	102.350	SM4PEL
21	SE6W	457	959	99	94.941	SM6XKB
22	SM5DJZ	300	695	100	69.500	SM5DJZ
23	SI2014ECC	227	478	63	30.114	SM2EKA
24	SM2OWW	62	132	46	6.072	
25	SA6P	64	135	43	5.805	SA6AVB
26	OH2BO	62	136	41	5.576	OH2BO

Single Operator All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH6RX	904	2.030	197	399.910	OH6RX
2	7S5S	773	1.652	165	272.580	SM5CSS
3	SF3A	729	1.527	137	209.199	SM3CER
4	OH6NT	637	1.359	135	183.465	
5	OH3KQ	577	1.212	133	161.196	OH3KQ
6	SG5W	512	1.143	121	138.303	SM5IMO
7	SI6W	502	1.053	121	127.413	SA6AQP
8	SM5V	457	983	109	107.147	SM5ELV
9	LA2WRA	406	844	117	98.748	LA2WRA
10	OZ1KKH	422	891	107	95.337	
11	OV3TH	399	860	102	87.720	OV3TH
12	LA8HGA	463	979	81	79.299	LA8HGA
13	SG5G	386	800	89	71.200	SM5ILE
14	SM6C	292	642	107	68.694	
15	OG2K	346	738	82	60.516	OG2K
16	SM5SNF	277	595	90	53.550	
17	OH2LU	264	556	87	48.372	OH2LU
18	OH6JE	275	569	78	44.382	OH6JE
19	5P8Z	216	459	86	39.474	OZ8ZS
20	OH5KIZ	210	451	87	39.237	OH5KIZ
21	OH6LW	254	532	73	38.836	OH6LW
22	SM0O	202	434	85	36.890	SM0O
23	OH6GZT	208	430	85	36.550	OH6GZT
24	OH6OS	237	493	74	36.482	OH6OS
25	SJ7W	239	515	70	36.050	SJ7W
26	OZ5E	157	348	88	30.624	OZ1XJ
27	SM4WKT	176	404	73	29.492	SM4WKT
28	OH2MGA	211	443	65	28.795	OH2MGA
29	OH2BR	181	387	74	28.638	
30	SM5W	180	380	73	27.740	SM5FWW
31	SA0AND	148	328	75	24.600	
32	OH6E	131	293	76	22.268	
33	7S6T	174	373	57	21.261	TOMAS
34	LA8OKA	131	276	76	20.976	LA8OKA
35	SM5BS	139	313	67	20.971	SM5BS
36	SM3KJA	140	290	70	20.300	SM3KJA
37	OH1TP	190	410	39	15.990	OH1TP
38	OH5RF	190	417	38	15.846	OH5RF
39	OG1W	116	243	62	15.066	OH1FCU
40	SM6BSK	122	252	58	14.616	
41	SM6IPL	115	262	55	14.410	
42	OZ7AEI/P	158	316	45	14.220	OZ7AEI
43	SM5XW	105	217	62	13.454	SM5XW
44	OH1LAR	105	224	59	13.216	OH1LAR
45	OH1XY	91	204	62	12.648	OH1XY
46	SM5DXR	109	227	54	12.258	
47	LI9DK	118	239	51	12.189	LI9DK
48	SM2YIP	101	211	57	12.027	YNGVE
49	OH1TD	110	229	49	11.221	OH1TD
50	SM6IQD	91	198	53	10.494	
51	SM4LWY	98	205	49	10.045	SM4LWY
52	SM0Y	100	217	45	9.765	SM0OY
53	OH7EBA	88	186	52	9.672	
54	SM7RZJ	86	180	51	9.180	
55	OH1POR	87	188	47	8.836	OH1POR
56	OH2FXI	81	171	50	8.550	OH2FXI
57	OH7MFO	85	181	44	7.964	
58	LI6GX	84	172	46	7.912	LI6GX
59	SM6LJP	83	184	36	6.624	
60	SE7Q	65	140	44	6.160	SM7HVQ
61	OH3FMI	66	141	39	5.499	OH3FMI
62	OG3MS	65	146	36	5.256	OG3MS
63	LA8RTA	56	115	42	4.830	LA8RTA
64	SA6BMM	62	126	38	4.788	SA6BMM
65	LI6PBA	58	120	38	4.560	LI6PBA
66	OH1LWZ	55	117	32	3.744	
67	LA4NL	57	128	29	3.712	LA4NL
68	OZ8UW	52	114	30	3.420	OZ8UW
69	SA5X	46	103	32	3.296	SM5TJH
70	OH6HZH	50	110	29	3.190	OH6HZH
71	LA4AAA	49	102	29	2.958	LA4AAA
72	SM7LFA	45	95	30	2.850	
73	OH1TS	45	96	29	2.784	OH1TS
74	SM5BJT	37	82	31	2.542	SM5BJT
75	SA5ATV	36	77	27	2.079	SA5ATV
76	SM6EAT	36	75	27	2.025	SM6EAT
77	LI7VK	35	75	27	2.025	LA7VK
78	SK6EI	33	69	28	1.932	SA6AQD
79	OH1PH	39	86	22	1.892	OH1PH
80	SM7PGB	32	66	25	1.650	SM7PGB
81	OH2CV	32	66	22	1.452	
82	OH9FSX	30	62	22	1.364	OH9FSX
83	OH2EV	30	64	20	1.280	OH2EV
84	SM4LRA	32	70	17	1.190	SM4LRA
85	SA4AVS	25	50	23	1.150	
86	OZ5KSL	30	60	17	1.020	OZ5KSL
87	LA7IJA	23	50	18	900	LA7IJA
88	LI7USA	19	39	16	624	
89	OH3KAQ	18	36	13	468	OH3KAQ
90	LA1HSA	16	35	13	455	LA1HSA
91	SM5TAH	13	26	13	338	SM5TAH
92	SA0BMV	14	28	10	280	
93	OZ1DGQ	11	24	10	240	
94	SM0UTY	11	22	9	198	
95	SK3JR	8	16	6	96	SM3GHQ
96	SK4IL	6	12	6	72	
97	SI5Y	4	9	4	36	SM5BKK
98	SE5X	2	4	2	8	

Single Operator Assisted All Band Low Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	SE5S	619	1.366	148	202.168	SE5S
2	OH2BAI	566	1.202	141	169.482	OH2BAI
3	SE5Z	425	928	126	116.928	SE5Z
4	SM3EAE	526	1.107	95	105.165	SM3EAE
5	OF60A	322	688	111	76.368	OH6GDX
6	SE3E	329	690	106	73.140	SA3AZK
7	OH2KM	359	769	90	69.210	OH2KM
8	SE3X	283	603	92	55.476	SA3BYC
9	SM6MVE	261	555	97	53.835	SM6MVE
10	OZ1KVM	139	295	69	20.355	OZ1KVM
11	LB1LE	137	290	63	18.270	LB1LE
12	SM0Q	140	300	56	16.800	
13	SC2M	100	203	36	7.308	SA2BRJ
14	OH6FTR	79	164	43	7.052	OH6FTR
15	LJ4CD	69	143	47	6.721	LJ4CD
16	OH2LNH	67	144	38	5.472	OH2LNH
17	OZ4VW	50	119	26	3.094	OZ4VW
18	OH2FHN	29	62	22	1.364	OH2FHN
19	OU2P	19	41	16	656	OU2P
20	OH8KVY	7	18	6	108	OH8KVY

Single Operator All Band Low Power TB-Wires

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH3JP	818	1.756	166	291.496	OH3JP
2	OH3P	651	1.371	133	182.343	OH3P
3	OG55W	594	1.303	134	174.602	
4	LN7TTT	595	1.259	117	147.303	LA5LJA
5	OZ7IS	500	1.083	136	147.288	OZ7IS
6	SM2S	558	1.157	123	142.311	SM2S
7	OH6FXW	583	1.201	111	133.311	OH6FXW
8	OH1HAQ	551	1.174	108	126.792	OH1HAQ
9	OH8MBN	518	1.071	114	122.094	OH8MBN
10	LA7AK	463	951	115	109.365	LA7AK
11	OH9GGY	433	894	107	95.658	OH9GGY
12	OH4MVH	436	912	104	94.848	OH4MVH
13	SM5B	348	767	103	79.001	SM5EMR
14	LA4CQ	309	623	90	56.070	LA4CQ
15	OH1B	281	594	89	52.866	OH1BOI
16	SG0M	288	610	75	45.750	SA0AQT
17	LI2HFA	242	500	81	40.500	LA2HFA
18	SA2APO	255	520	73	37.960	SA2APO
19	SM6Z	177	381	78	29.718	SM6Z
20	OH2HZ	138	305	61	18.605	OH2HZ
21	OZ4NA	128	269	68	18.292	OZ4NA
22	OH3LS	102	215	58	12.470	OH3LS
23	5P6Q	103	216	38	8.208	5P6Q
24	OH6GSB	77	167	45	7.515	OH6GSB
25	SI7T	69	145	48	6.960	SM7LZQ
26	SM2OKD	61	125	34	4.250	SM2OKD
27	OH1MN	58	126	28	3.528	OH1MN
28	OH2BGR	49	104	32	3.328	OH2BGR
29	OH3DP	21	43	17	731	OH3DP

Single Operator All Band Low Power Rookie

Rank	Call	QSO	Points	Mult.	Score	Operators
1	SA2CEM	498	1.023	102	104.346	SA2CEM
2	OH5CY	300	658	80	52.640	OH5CY
3	SB7W	162	360	70	25.200	SB7W
4	SG0W	141	315	72	22.680	SA0CAM
5	SA6CMO	103	221	54	11.934	SA6CMO
6	LI3NUA	75	150	36	5.400	LI3NUA
7	LB5BG	58	117	40	4.680	LB5BG
8	LB1KG	53	111	39	4.329	LB1KG
9	OH5CZ	41	87	21	1.827	OH5CZ
10	OH5EHA	31	67	22	1.474	OH5EHA
11	OZ5D	25	58	19	1.102	OZ5D
12	LA1XUA	7	14	5	70	LA1XUA
13	SA6CJZ	5	10	5	50	SA6CJZ
14	OH2VS	5	10	5	50	OH2VS

Single Operator All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	LA1DSA	236	504	83	41.832	LA1DSA
2	OH2BT	197	429	96	41.184	OH2BT
3	OH2DP	125	266	59	15.694	OH2DP
4	LB1JG	126	262	59	15.458	LB1JG
5	OH2FXD	121	257	52	13.364	
6	OZ9URA	21	42	13	546	OZ9URA
7	SM6DCO	14	28	10	280	SM6DCO

Single Operator Assisted All Band QRP Power

Rank	Call	QSO	Points	Mult.	Score	Operators
1	SM0FPR	99	205	55	11.275	SM0FPR
2	OH7KD	54	118	37	4.366	OH7KD

Single Operator 80 meters

Rank	Call	QSO	Points	Mult.	Score	Operators
1	LA9BM	171	346	32	11.072	LA9BM
2	OZ30EU	169	342	30	10.260	OZ30EU
3	OH2BAH	120	247	29	7.163	OH2PQ
4	OZ0J	27	54	12	648	
5	SM0J	3	6	3	18	SM0DZH

Single Operator 40 meters

Rank	Call	QSO	Points	Mult.	Score	Operators
1	LI5O	427	913	47	42.911	LJ3RE
2	OZ11A	474	969	43	41.667	OZ11A
3	OH8UV	257	525	40	21.000	
4	LI8OM	398	480	39	18.720	LA8OM
5	OV9A	224	451	36	16.236	OV9A

Single Operator 20 meters

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH8L	1347	3.399	72	244.728	OH8LQ
2	OH2NC	590	1.247	56	69.832	OH2NC
3	SM6USS	233	493	39	19.227	SM6USS
4	LA7WRA	213	442	34	15.028	LA7WRA
5	LA9VPA	189	400	37	14.800	LA9VPA
6	LJ5WB	159	326	28	9.128	LJ5WB
7	LA7GIA	105	230	29	6.670	LA7GIA
8	SM0A	120	236	27	6.372	SM0AIG
9	OG2X	34	69	14	966	
10	OH1MG	16	32	11	352	OH1MG
11	OH6GAZ	11	22	8	176	OH6GAZ
12	OH6LDJ	6	13	6	78	OH6LDJ
13	OH4EBD	3	6	3	18	

Single Operator 15 meters

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH2PQ	663	1.576	68	107.168	
2	SM5INC	604	1.502	68	102.136	
3	OH3OJ	664	1.551	62	96.162	OH3OJ
4	OH3RF	430	996	59	58.764	OH3RF
5	OZ6TW	345	885	61	53.985	OZ6TW
6	LB6KC	367	812	52	42.224	LB6KC
7	OZ1JVX	336	800	49	39.200	
8	SM7C	174	438	43	18.834	SM7CFZ
9	OH5CW	185	424	42	17.808	OH5CW
10	OZ8RH	150	386	33	12.738	OZ8RH
11	SM3TLG	157	336	31	10.416	SM3TLG
12	OZ9V	61	147	26	3.822	
13	SM6WYN	52	125	24	3.000	
14	LA6NNA	51	104	22	2.288	
15	OH6JYH	15	31	10	310	OH6JYH

Single Operator 10 meters

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH0JFP	433	1.045	68	71.060	SM0TQX
2	OH1MA	279	668	59	39.412	OH1MA
3	OH5NZ	201	466	51	23.766	OH5NZ
4	OH2KI	128	291	36	10.476	
5	SM6B	87	218	27	5.886	SM6B
6	OZ3BJ	52	120	21	2.520	
7	OH0RJ	96	124	16	1.984	OH0RJ
8	SL3ZB	40	89	15	1.335	SM3XRJ
9	OH2EPW	33	75	12	900	OH2EPW
10	OH2LIR	10	25	8	200	
11	OH2BN	1	3	1	3	OH2BN

Multi Operator Single Transmitter

Rank	Call	QSO	Points	Mult.	Score	Operators
1	OH0AM	1955	4.716	278	1.311.048	OH2BH OH2TA
2	SB3W	1275	2.769	207	573.183	SM3RAB SM3WMU
3	OH9W	1195	2.662	214	569.668	OH2LQ OH5BQ
4	SG2014ECC	1216	2.673	190	507.870	SA2BLV SM2LIY SM2OAE SM2UVU
5	OG3I	1036	2.338	187	437.206	OH3BHL OH9MM
6	OH2NM	958	2.101	197	413.897	OH3UU OH2BLV OH2KMA
7	OH5XO	1040	2.290	177	405.330	OH5XO OH1ZAA
8	OH6K	963	2.122	180	381.960	OH6FSG OH6MSZ
9	LN1B	929	2.029	176	357.104	LA1VNA LA4XLA LA8PDA LB5WB LB6B
10	OZ7KJ	840	1.846	184	339.664	OZ3MC OZ7MKS OZ3JB
11	OI3V	737	1.594	173	275.762	OH1MKV OH3BJL OH3KAV
12	LN4BBC	793	1.694	159	269.346	LA3RNA LA5FBA LA6ZFA
13	SK2AU	737	1.676	158	264.808	SM2ILF SA2CLC
14	SK5WB	665	1.477	153	225.981	
15	OH5B	643	1.360	161	218.960	OH5FVY OH5FQT
16	SK7K	603	1.342	153	205.326	SG7A SM7LXV
17	LG5LG	670	1.448	141	204.168	DG7EE DJ4MF DL2JRM DL3ALF
18	TF4X	764	1.649	123	202.827	TF3CY TF3SG
19	JW5X	805	1.872	98	183.456	LA9DL LA7XK LA6VM
20	SK3UB	517	1.110	134	148.740	SM3PXO SA3BXA
21	OH5Z	554	1.310	109	142.790	OG9X OH6XX
22	LA1K	536	1.105	100	110.500	LA1K
23	OG4W	399	824	102	84.048	OH4EA OH4TK OH2BU OH4MFA OH4KZM
24	OZ5ESB	380	885	92	81.420	OZ1INN OZ1GNG OZ1CWP OZ1DYI
25	SK3PH	323	678	104	70.512	SM3OMO SM3MTR
26	LA1AFP	60	122	41	5.002	LA2TMA LA6HKA
27	OH4O	59	123	38	4.674	OH2FPK OH2LGW OH4JP
28	SK6LK	46	101	31	3.131	SM6EAT SM6UUN SM6CYX SA6BWX SA6BXE JAVIER
29	SK3GA	9	18	7	126	SA3BPE SA3CFO SM3IRD

Multi Operator Multi Transmitter

Rank	Call	QSO	Points	Mult.	Score	Operators
1	SK3W	2942	7.027	325	2.283.775	SM5PHU SM3SGP SM5EPO SM5AJV SM0SHG SA5BJM SA0BVX
2	OH1F	2848	6.658	322	2.143.876	OH1EH OH1MRR OH1NOA OH1RX OH1TM OH1UM OH1XT
3	SK6AW	1537	3.454	238	822.052	SA6BGR SA6CBN SA6CBY SB6A SM6DER SM6EHY SM6GBM SM6MIS SM6UQL SM6YZC
4	LA8G	1590	3.570	200	714.000	LA6MSA LA6XTA LA7VRA
5	SK5LW	1263	2.719	190	516.610	SM5ISM SM5PBT SM5SIC SA5BUM SA5CGE SA5CKZ
6	SA6AIN	1112	2.556	186	475.416	SM6NET SA6AIN
7	SK0QO	818	1.808	141	254.928	SM0FDO SM0IFP SM0NUE SA0CAD SM0XMU SM0XMX
8	OZ3RIN	507	1.133	127	143.891	OZ1HHH OZ3LX OZ4PC

Checklogs

LA4ESA, LA6ALA, OH2BXT, SM4/DL3KUD

SK6AW (by Nils, SA6CBY)

The 2014 SAC SSB was a comeback for SK6AW since it was the first Multi/Multi effort since 2010. In 2011, vandals cut and stole coaxial cables from the station, which caused a major set-back for the club. Besides losing momentum and motivation, the station also had to be rebuilt in a more vandal-proof way. During the following years, work was done to get some of the antennas up and running again. In 2014 we decided it was time to get back on the air and run contests from SK6AW again. All antennas are not back on the air and we are using temporary cables that have to be rolled in and out every time for some of the antennas. However, it is good enough to start running contests again.

The antenna setup for SAC SSB consisted of mono-band beams with 6 elements for 10 and 15 meters and a 4 element beam for 20 meters. 40 meters has a low hanging dipole and 80 meters used a full wave horizontal loop. Three stations were used simultaneously; one on 20 meters, one split between 15 and 80 meters and one split between 40 and 10 meters. Band strategy for the stations was using the high bands during daytime and the low bands during the night. This minimized the re-routing of cables, switching of bandpass filters and retuning of power amplifiers. The log computers were networked and a mobile broadband connection fed live scores to our website sk6aw.net as well as cqcontest.net.

While 20 meters worked well to most areas in Europe, we were a bit too close for 15 and 10 meters to work central Europeans as the skip went over us. Weak backscatter signals to central Europe generated very few QSOs. On the other hand, many DX stations were being worked on 15 and 10 meters. A look at the log confirmed this: for example on 15 meters we worked 32 JA stations, but only 8 DL stations and only one (1!) G station. This made it very hard to get any decent pile-ups going on 15 and 10 meters. Obviously on the higher bands this put us at a disadvantage compared to stations further north in Scandinavia.

At night we ran only 2 stations catching up on 40 and 80 meters. The 20-meter station was also ready with the beam pointing towards NA but the conditions weren't there this time. The take-off to NA from the 20-meter beam is very good and the band is often open past midnight to NA. We also had some interference from the 20-meter station to the 80-meter station that the band filters did not solve.

All in all, everything worked well for being the first activation in many years.

The temporary setup of the equipment and configuration of radios and software needed a couple of debugging sessions and computer restarts. The rotator indication for the 15-meter beam didn't work for the first hours but it probably just needed a good workout, as it then began working and performed flawlessly for the rest of the contest.

Running a multi-multi effort in SAC SSB was a fun way of testing the equipment and we are happy with the results, although there are things that can be improved in the future.

What makes it all worthwhile is the response on the air from seasoned contesters who take the extra time to say things like "Hello guys" or "Welcome back". Our plan was not only to be back for SAC 2014, rather this was a restart for the future.
Get on the radio and join the fun; we will be happy to work you all in SAC 2015.

Donald, K8MFO

I'm smiling a bit as I make a few comments about the most recent SAC SSB contest. I've never been asked to say anything about a phone contest before, because I usually steer clear of them! But in the case of SAC, I consider it a reunion with good friends, and I'm lucky to have many in Scandinavia. I am of Finnish heritage, with all of my grandparents coming to the USA in 1900, and I grew up in a predominantly Finnish community in the Upper Peninsula of Michigan. Of the 28 graduates in my high school class, 24 had Finnish surnames. Also, because of being licensed for almost 57 years, I have many friends in the other SAC countries.

One does not enter SAC from the W8 call area with any intention of winning. In fact, if anyone with a moderate station on the eastern shores of the USA puts in a modest effort, they will leave us with dust in our faces! If conditions are normal, I can keep up with the East Coast on the 3 high bands, but when the sun goes down and you move to the low bands, it is punishment times 3, because of the extra points that you don't get!

For example in SAC SSB, I made 37 QSOs on 40, and none on either 80 or 10. In the CW leg I made 1 QSO on 80, 4 on 10, and 72 on 40. It's not for lack of trying; we're just not in the right spot. Of course most people do know that the hams in the 8th call area are better looking than those on the East Coast! Unfortunately that does not contribute to your score. In the attached picture I am with classmates Ahola and Palovaara.

I run a decent station, a K3 with an AL-1200 amplifier to a Mosley PRO-67 B (40 through 10 meters) at 118 feet. The antenna works very well on all bands, and there's not much I could do to improve that situation… Oh, there is one secret weapon that I use on SSB --- it's a PTT hand microphone from an old 2 meter radio. After pushing the button several hundred times in a weekend, your hand is much stronger!

There is no one loudest signal from Scandinavia. It depends on the time of day and propagation. Sometimes the OH8, OH9, and SM2 crowd are by themselves. At other times the massive

aluminum from OH0 dominates. Each and every contact with the SAC crowd is memorable, with extra thrills when old friends like OH3VV or OH0RJ are heard. By the way, every contact that I have ever made in SAC, and I go back a long way, has been "search and pounce". You just do not call CQ from W8 land, except maybe from eastern West Virginia!

Again, thank you for the chance to comment, but there may be much wiser SSB operators that can be of more assistance. My main objective in ham radio is to have fun, and to not take myself too seriously.

Thomas, PY2ZXU

Since we moved to Brazil, I have participated in the SAC from 2006. I missed 2007 when Ericsson called me back to Saudi Arabia and was also absent in 2012 for reasons I do not remember. I have often been the lucky #1 for South America as we have to be Scandinavians to endure 24 hours S&P. The most recent years I have got some serious competition from Ville (OH2MM, PY2ZEA).

The station is owned by Mamiro (PY2DM) who is kind to let me operate as I wish. It is located a 1.5-hour drive half-way between the port city of Santos (where I live) and São Paulo. Santos is famous for export of coffee, orange juice and football players (Pelé, Robinho and Neymar). At the station site they are growing vegetables, oranges, lime and Sharon fruits (in Brazil called Caqui). If there is need for bamboo for beverages, I can cut what I need.

SAC and WAE are convenient contests as there is almost no need to rotate the beams. Well, very early mornings, if propagation allows, we can work Scandinavians Long Path on the higher bands when they have their JA openings. I will never forget when I called Tore (SM0DZB, SM0T) and he commented "...but Thomas, I have my Quad to Japan.." and I answered: "Yes I am coming that way as I am working you Long-Path".

I started on 28 and 21 MHz and then moved down in frequency as my night progressed. In the early morning hours I frequently checked the high bands again and had a handful of Long-Path QSOs.

Another issue is that we can hear you when you have pile-ups to North America and it would be great if you can listen in our direction as well. It is difficult to break your pile as we in this case are coming at the broad-side of your beams!

It may be worth it, in particular on 10 m SSB, as there are plenty of active low power PU stations (lower license category) with reasonable antennas. In particular for the WPX contest, beam in our direction, there are many different prefixes in Brazil and Argentina!

The station consists of a K3 + Alpha 91b. It was the first time I used N1MM+.

Antennas are:

28MHz - 2 x 5el HyGain @ 14/7m	3.5MHz - Sloping dipole with apex @ 30m, ¼ wl Vertical
21MHz - 2 x 5el HyGain @ 18/9m	1.8MHz - Sloping dipole with apex @ 30m
14MHz - 5el HyGain @ 30m	14 to 28MHz - 4el SteppIR @ 21m
7MHz - 3el Home made	2 Beverages (EU+US).

This year I worked only two stations on all bands: SM0W and OH2PM. I tried to move SJ2W from 7MHz, but it was too late. Unfortunately I was sleeping when 80m was in its prime.

As I hinted before, SAC is quite a slow contest from the DX side. To make it more attractive it would be good to have it Mixed CW/SSB. To maintain both weekend-slots, why not make it mixed in two sessions, then add the results together.
Also make it all assisted (like RDXC and WAE) in order to get away with those that do not strictly follow the rules for unassisted.

Kristian, OZ7X, OZ5KF

I have participated in the SAC a few times, perhaps 10 times. It's not my favorite contest mostly because it does not seem to appeal to many DX stations; you get many 59 001 reports! I participate to show the flag.

My station setup is as follows. I have a new Yaesu FTDX 5000 MP. This transceiver is better than my old Kenwood TS-950SDX, but the TS-950 was also a good contest rig. I have an Icom IC-PW1 power amplifier and also a home-made amplifier.

I am using a home-made 4 over 4 cubical quad on 20, 15 and 10 meters. The lower one is at 22 meters and the upper one is at 45 meters. On 40m I have three different 3-element cubical quads. All three can be switched 180 degrees, so it gives 6 directions. It is very quick to switch between the directions. A very good contest antenna! On 80 I use a quarter wave GP and an inverted dipole, the center of which is up at 53 meters. I have two towers, 51 and 53 meters tall.

My strategy in this contest was to start on 10m and then move to a lower band when conditions become worse. I normally stay on one frequency and run a pileup as long as possible and then collect multipliers before moving to another band. My system does not allow quick band changes. Propagation on 10m was quite bad, and 15m and 20m also exhibited moderate conditions; no massive openings to the US midwest and west.

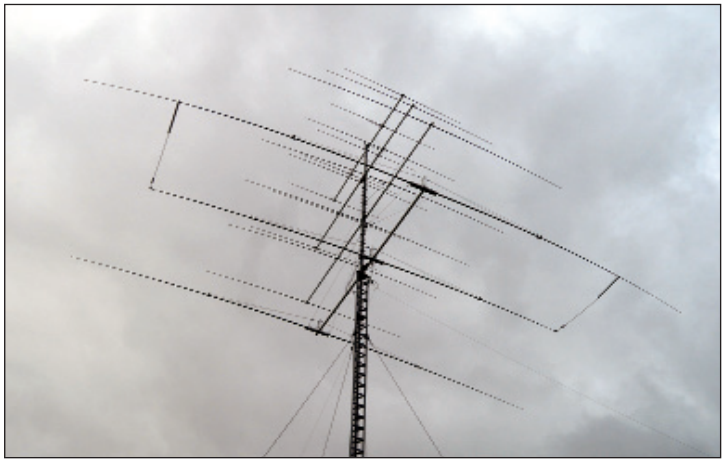
Hoping for better conditions in 2015!

SB3W (Ulf, SM3RAB and Tomas, SM3WMU)

SAC is one of the contests you really can't miss each year. Tomas SM3WMU and I have teamed up at my contest location in Nordingrå, JP92DX, during the years with callsigns such as SA3D, SC3A, SM3D, and SB3W. Mostly for fun, actually, with many laughs, consuming a huge amount of "Bullens" hot dogs and of course killing the thirst with a couple of beers.

The main reason to participate in SAC is of course to set Sweden in the no. 1 spot overall, which is not an easy task...every point is needed!

We're using a FT-1000MP, Acom 2000A, and monoband antennas: 5-el Cue Dee yagis for 10-15-20 m, a 3-el OP-DES from InnovAntennas on 40 m, and a quarterwave vertical on 80 m.



This year the new antenna for 40 m was of special interest, replacing the smaller Hy-Gain/Telex Discoverer 7-3. And it performed very well. The OP-DES design gives the antenna a flat SWR-curve covering the whole band and impressive front-side/front-back performance. We've been using the Win-Test logging software for many years and are very pleased with it.

As in every contest at these latitudes, the one big threat to success besides hardware breakdown is bad propagation due to auroral activity. This weekend was not destroyed by either, so we sure enjoyed it. The signals were especially strong coming from east.

Now we're looking forward to this year's Polar Battle, and hope to see more SM-participants working more than 500 QSOs.

2W0WOD: I am 11 years old. My 5th contest. Excellent

8S4S: Huge thanks to SM3XKW, SM3RAB & SM3WMU @SK3IK for lending me the station!

A65CR: First time entry

CT7AIX: Good propagation on 10 m. 15 m only with some openings.

DG5MLA: This is my first Scandinavian contest... This is very nice, I hope hear you in the next year. Vy 73 de Geri, DG5MLA.

DK8NT: My 4th SAC SSB, still unassisted. Many Scandinavian stations, including JW and TF, but again I missed JX, OJ0, OX, OY, again, just 1 QSO on the open 10 m band - I'm simply too close. Cu next year (my dream: a SAC with all Scandinavian prefixes up to OY).

EB3WH: Hello everyone; I've really enjoyed the contest with good propagation and enthusiastic Scandinavian colleagues on the air. I hope to compete next year with high power and to improve the score. We will hear again in the SAC test 2015.

EC1KR: Fantastic contest as always, not many time this year, I hope next year work 24h. 73 de Jesus EC1KR Aka ED1R

EW1FM: Tnx & 73!

G7Y: Only had just over an hour free, so gave away a few points. Hope to have more time next year.

HB2T: Nice as every year :) 73 www.hb2t.ch

HB9MXY: Rig: IC-7200, 100 W; ant: 2 el Steppir resp. 40/80 trap dipol; both antennas 12 m over ground. Tks to all staff behind the contest. Good conditions on the bands but on 80 m a lot of noise, also during the nigth. Best personal result since I take part of the contest. Nothing heard from JX, OJ0, OX, OY and TF; may be on the air and I was in bed? Cu next year, 73 de HB9MXY, Rudolf

I2WIJ: Just a couple of hours. Bob, I2WIJ.

II4CDN: Nice to participate in SAC contest with this special call that Ari Bologna applied for to commemorate 50 year anniversary of north cross radiotelescope in medicina - Bologna. In 1975 was made from there the II4CDN: first 432 MHz moon bounce EME CW QSO from I4BER team to SK6AB in Goteborg Sweden.

IN3ADW: First participation for me to SAC SSB. Nice contest! 73 de IN3ADW Nicola

IT9VDQ: 100 QSO just for fun

IW2MWC: Fantastic contest. many tnx. Sergio.

IW2NEF: It was a very interesting contest also running only 5 w

IZ2ZQP: 73 tnx

IZ7FLS: Hi! Always great fun. SAC is the only HF test I take part; I have no equipment for HF, I can only manage an old "vertical" home made antenna 1/4 wave on 40 m. Actually the antenna has a "banana" skyline :) and it has no more radials witch were lost during the past seasons :) The output power is 50/70 W, it depends in witch band I operate. Almost impossible to tune the banana on 20 m, I have electrical problems with 1/2 wave. configuration, bad results. Also on 80.it was hard to be hrd down there. The only good bands were 10, 15 and 40. I saved a bit of my time in the weekend just to keep in touch with the people and the country's I love, and it was so funny! Thanks to all the guys who chased my fading low signal in the mess :). IZ7FLS

JG3WCZ: Thanks for a nice contest! I will be back next year.

M5Z: K3, 5 meter wire with atu (ldg), win-test 4.13 only qrv 1130 - 1200z on sunday. 10m was open to Scandinavia so it was difficult to catch friends as they are moving between the bands in order to pick up left-overs before the end of the contest. It seems Scandinavian station can pick up my call "M5Z" easily as they came back to me saying "mike mike what?" less often than usual. Thanks for QSOs and see you in next one. 73 Kazu. M0CFW, M5Z, JK3GAD

MM2N: Part time fun. Loads of Scandinavian stations to work, congratulations on the activity.

OH3P: Tnx again for nice SAC, it was fun - sac rules ! I used excellent dxlog as a logger, hw: TS-590, OB3b3-11 tribander and wireloop. Hope to get different result next year, this was a copy/paste of 2013 event. So, hope to hear/log you all and more on year 2015.

ON6LO: As always, a very nice contest and this year, the propagation was better. See you next year

PA2TA: Nice contest, pity that I had only ample time to spend.

PA6SAC: Nice to participate in this for us very difficult contest, as the skip is far from ideal, especially on 10 it is extremely hard to work most Scandinavian stations.

PJ4DX: Yaesu FT-2000 to Acom 1500 amp at 1kw to spiderbeam at 9 m high, 40/80 "search and pounce": if I called 'CQ Scandinavia' or 'CQ SAC' i got many calls from USA, Italy etc. If I said "sorry, only Scandinavia please" they still called me. Good to work many stations on 80 m on my short vertical! Also good to work many old friends in Sweden and Finland (i'm ex-g4jvg/sm0 and oh0/g4jvg). See you next year.

PY2ZEA: A special use of so2r for simultaneous contests: Radio a on CW for Oceanian dx contest, Radio b on SSB for SAC !!

PY2ZXU: A million thanks to my host, PY2DM, Mamiro who lets me operate and modify his fine station up in the mountains (Serra do Mar) near Mogi das Cruzes-sp). Went there early on friday to prepare the station. I aimed all antennas to Scandinavia and reconnected the "hair-pin coil" at the 80 m vertical from CW to SSB. All ready - but not - Jorge the caretaker of the site told me that someone had set fire to the grass along the main road and we had to fight the fire all evening. Luckily it ended quite well, no major damages other than burnt grass and some trees and the fire took the ropes that guyed the 80 m-vertical so I was forced to use the sloping dipole instead. Obviously this limited the numbers of QSOs on 80! Good propagations and many nice contacts, thanks to everyone! Fun to have a long path opening on 15 m with strong signals, almost like short path! Just for fun I worked SM0T both ways around the globe! Did SAC CW as ms from SM0W and now SSB from my "own" QTH in Brazil - an interesting situation indeed.

SB7W: Used a fishing pole antenna out side my bedroom window, and a gain master for 10m.

SK3PH: All time high for Delsbo radioklubb SK3PH. Thank you all for contributing to a great contest!

TF4X: Remote control and remote operation and so many fantastic rhombic antennas is something that takes you a little more than a month to realise the significance soapbox: Although I know a little about the setup. For me a step into remote operation is soapbox: a step into the future. 73 Gudmi, TF3SG

VU3TMO: Nice to participate in your contest. I am 16 years old.

W9SS: Hej SAC SSB 2014! It has been more than 60 years since I obtained my first amateur radio license as a teenager! Now I am looking forward to my 80th birthday early in 2015! Through the years I have consistently operated in SAC SSB contests as W9SS, earlier as W9DDL. In the 20th SAC 1978 contest I was awarded single op North American continental winner plaque issued on may 14, 1979! Now old age has taken its toll and I am not as proficient as in younger years!
Alla mina fyra farforaldrar och morforaldrar var fodda i Sverige, och jag har varit till norden tre ganger och till alla fem land i norden ocks en gang!
Ha det bra i vackra norden! 73, Dennis G. Eksten, W9SS i frenta staterna!

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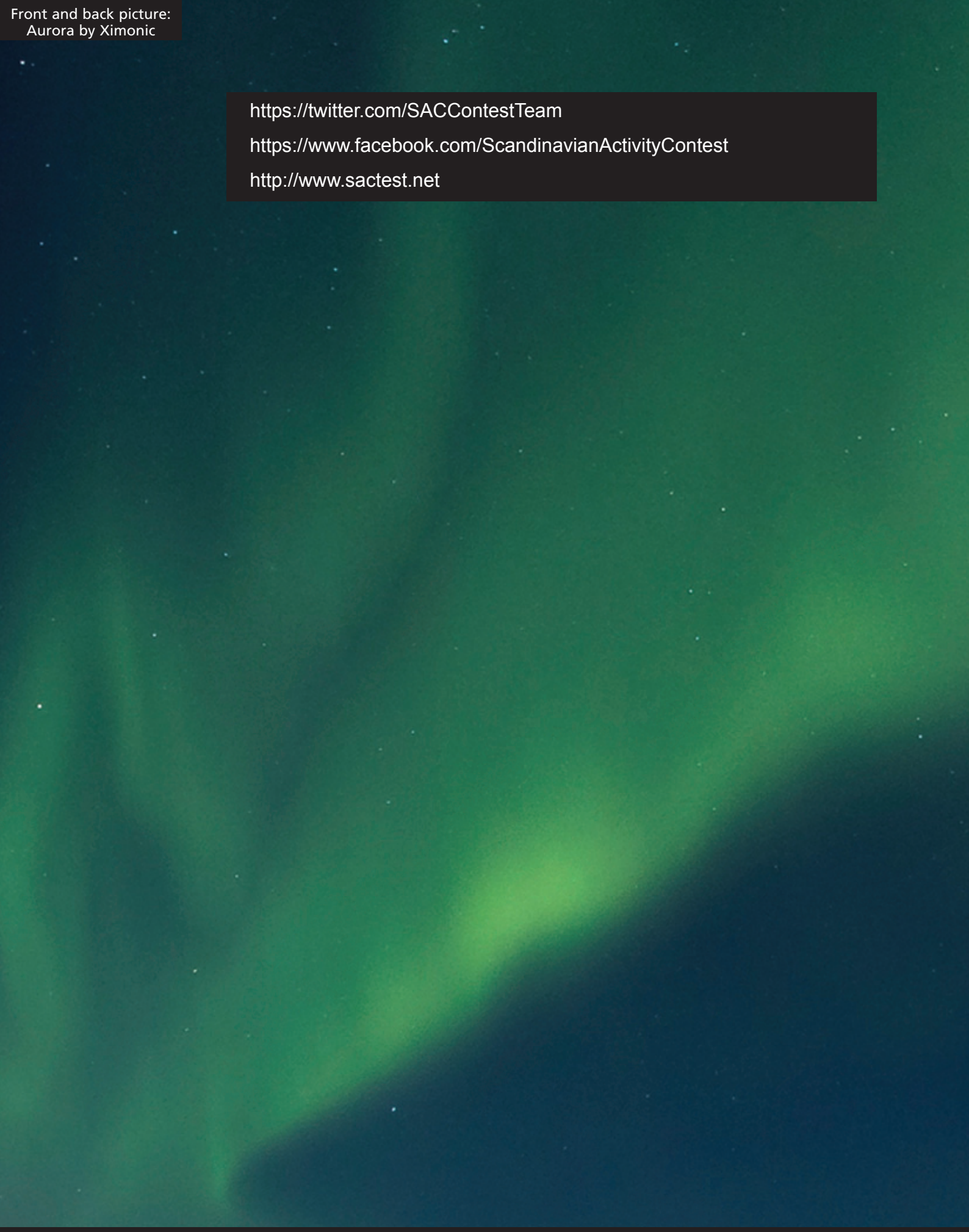

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The Scandinavian Activity Contest 2015

CW: 19-20 September

1200 – 1159 UTC

SSB: 10-11 October

1200 – 1159 UTC