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2003 ARRL International EME Competition Results

EME on the rebound.

2003 was the 26th year of the ARRL International EME Competition and judging from the results, this contest is rebounding in popularity. The 2003 installment saw an almost 25% increase in entries received by the ARRL over 2002. With the inclusion of digital modes, including the rapidly increasing use of *JT44*, we seem well on the way to returning to the record participation levels of a few years ago.

The big news in 2003 is a new record high score set in the Multi-operator Multiband class. The team of K5GW (+ W5LUA and WD5AGO) shattered the previous multi-op score of 2,921,100 set in 2001, coming up with 3,684,400 points in an eight band effort. That outstanding score has raised the bar of competition to a new standard, one that will take quite a commitment and effort to surpass. Who's up for the challenge? It could well be the team of HB9Q (+ HB9CRQ and HB9DBM) that came in a very close second with 3,180,000. The previous high score for the category was set by HB9Q in 2001.

In the single operator class the high score this year was set by Stig, OZ4MM, who achieved 1,198,800 points in a 4 band effort, closely followed by Ernst, OE5EYM, with 1,156,200 points. For other classes, the number 1 and 2 stations for each class were:

Single Operator Single Band

144 MHz: Dave, W5UN, and Claude, F3VS

222 MHz: Ray, WA4NJP

432 MHz: Jan, DL9KR, and Jukka, OH2PO

1296 MHz: Jay, K5JL, and Dominique, HB9BBD

2304 MHz: Erich, OE9ERC, and Yoshiro, JA4BLC

10 GHz: Josef, OK1UWA, and Pietro, I5PPE.

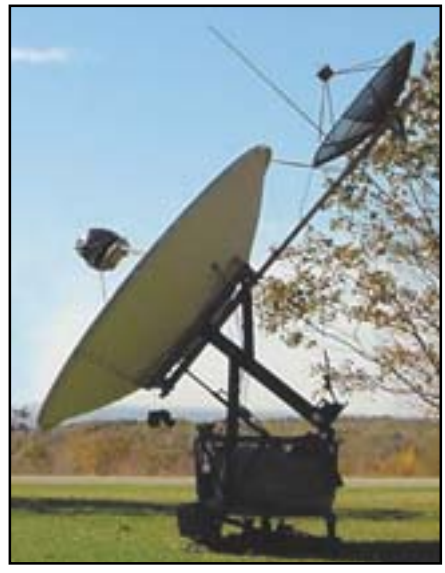
Multi Operator Single Band

144 MHz: I2FAK + IK2LZT and KB8RQ + N8DFN

432 MHz: OH2PO (+ OH2HYT, OH6DD)

1296 MHz: W2DRZ + (K2DH, K2TXB, KA2ONY, NY2Z) and HA5SHF + (HA5BGL, HA5BMU)

10 GHz: DLØEF + (PA3GLB/DL5FAB, DK2UO, DK2KA, DF3GL, DD9ZL, DH9FAG) and IQ4DF + (I4BER, I4TTZ, I4TMA, I4QIG, I4ZAU, IZ4BEH, IW4BYP, IW4APQ, IW4CJM).



The 16 foot dish used at W2DRZ's 1296 Multiop.

A spectacular view of the K5GW EME station.

Congratulations to all the winners and runners up!

This year there were 152 logs turned in for the contest, an increase of 30 from 2002. Activity seemed brisk on all bands, although there were a number of complaints of difficult conditions, particularly on the 2 meter band. The well equipped station has always ruled the realm of EME communications, but the emergence of *JT44* has allowed many smaller stations to participate. The rules of the contest were changed this year to allow this mode for the first time, and it appears *JT44* made an impact. While it is not possible to determine just how many contacts were made using *JT44*, soapbox comments indicate that there were many.

One perplexing problem facing *JT44* operators is that they often cannot hear the signals of the stations they want to work, even though it is possible to complete a contact once the signal, buried under the noise, is found. It will take some time before good contest strategies for working with such weak signals are developed. I found that announcing a CQ frequency (before the contest), and listening on the announced CQ frequencies of others, was quite effective. It will be interesting to see how digital EME communication modes will affect EME contest scores in future years. For soapbox comments, individual scores and pictures, visit the ARRL Web pages at **www.arrl.org/contests/results**.

The dates for the 2004 running of this event, which is generally considered to be the most challenging ARRL-sponsored contest, will be announced in an upcoming issue of *QST*, as well as on the ARRL Web. Challenging? You bet! Fun? Without question! See you on the Moon this fall! QST

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Scores

Each line score lists call sign, score, stations worked, multipliers, and band (A= 50 MHz, B = 144 MHz, C = 222 MHz, D = 432 MHz, 9 = 902 MHz, E = 1296 MHz, F = 2304 MHz, I = 10 GHz).

Single Operator, Multiband

OZ4MM	1,198,800	21	14	B
		61	29	D
		57	30	E
		9	8	F
OE5EYM	1,156,200	50	27	B
		42	27	D
		49	28	E
F2TU	934,800	40	26	D
		54	25	E
		14	12	F
		4	4	H
		11	9	I
G3LTF	864,000	8	8	B
		47	26	D
		52	26	E
		13	12	F
SM3AKW	675,800	10	7	B
		46	26	D
		44	21	E
		9	8	F
DF3RU	597,400	60	34	D
		43	24	E
PA2CHR	450,800	76	35	B
		16	14	D
JA6AHB	352,000	42	34	D
		28	20	E
DL1YMK	305,500	28	23	D
		37	24	E
VE6TA	236,000	28	21	D
		31	19	E
WA6PY	123,200	16	11	B
		1	1	D
		25	14	E
		2	2	F
YO4FRJ	101,400	33	21	B
		6	5	D
W7SZ	87,500	8	5	B
		27	20	E
S51ZO	83,200	16	13	B
		16	13	D
CT1DMK	69,000	16	10	B
		14	13	D
JA9BOH	69,000	9	7	B
		21	16	D
JH0WJF	62,000	21	13	B
		10	7	D
UT3LL	32,300	11	11	D
		8	6	E
UR5LX	25,200	8	7	B
		10	7	E
JA6CZD	10,800	8	5	E
		4	4	F
IK2RTI	8,100	2	2	E
		4	4	F
		2	2	H
		1	1	I

Single Operator, 144 MHz

W5UN	1,350,000	250	54	B
F3VS	797,200	172	46	B
I3DLI	563,300	131	43	B
IK1FJI	434,600	106	41	A
DK3BU	377,400	102	37	B
G3ZIG	374,400	96	39	B
LZ2US	213,000	71	30	B
SP2OFW	210,800	62	34	B
SV1BTR	208,800	72	29	B
DF2ZC	162,000	54	30	B
KJ9I	159,300	59	27	B
UA4AQL	148,500	55	27	B
RK3FG	143,000	55	26	B
IK2DDR	112,700	49	23	B
W0PT	110,200	38	29	B
PA3CWI	98,900	43	23	B
SP7DCS	98,400	41	24	B
YO2AMU	98,400	41	24	B
I2RV	92,400	42	22	B
K6PF	72,000	36	20	B
SM7WSJ	70,400	32	22	B
I3EVK	70,000	35	20	B
KØGU	68,400	38	18	B
F9HS	58,000	29	20	B
OH3AWW	45,000	25	18	B
PE1LWT	36,800	23	16	B
DL2OM	34,500	23	15	B
9A9B	33,000	22	15	B
W7FG	32,200	23	14	B
W3SZ	30,000	20	15	B
JR3REX	29,400	21	14	B
K2TXB	26,400	22	12	B
VE2JWH	24,700	19	13	B
DL8UCC	18,700	17	11	B
SK6EI	13,500	15	9	B
K1CA	12,600	14	9	B
9H1PA	12,000	15	8	B
NTØV	8,400	12	7	B
SM5CUI	7,700	11	7	B
WA6NIA	7,200	12	6	B
WØEKZ	6,600	11	6	B
LU6KK	6,000	10	6	B
YO2II	5,600	8	7	B
W4AD	5,400	9	6	B
W6OMF	4,800	8	6	B
K7MAC	2,400	6	4	B
KB5MY/6	2,100	7	3	B
W4SW	2,000	5	4	B
WB2SIH	1,600	4	4	B
YO3FFF	1,600	4	4	B
RU3ACE	600	3	2	B
K5AM	400	2	2	B
SM1MUT	400	2	2	A
ON4KHG	400	2	2	B
N6ZE	100	1	1	B
EB1DNK	100	1	1	B
VE3EQQ	100	1	1	B
RA3IS	100	1	1	B
SP9DHQ	100	1	1	B

Single Operator, 222 MHz

WA4NJP	400	2	2	C

Single Operator, 432 MHz

DL9KR	402,800	106	38	D
DJ6MB	333,200	98	34	D
K1FO	247,500	75	33	D
N9AB	244,800	72	34	D
UA3PTW	241,500	69	35	D
VK3UM	129,600	48	27	D
S52CW	92,400	42	22	D
KØRZ	87,400	38	23	D
ON5OF	62,700	33	19	D
OK2BDQ	50,400	28	18	D
SP6JLW	47,500	25	19	D
JJ1NNJ	43,200	24	18	D
JH4JLV	30,000	20	15	D
KE2N	28,500	19	15	D
YO2IS	17,600	16	11	D
JA2TY	10,000	10	10	D
K6JEY	9,000	10	9	D
DL4MEA	7,200	9	8	D
DK3FB	5,600	8	7	D
DL7UDA	4,900	7	7	D
DL5LF	4,900	7	7	D
RW3PX	4,900	7	7	D
JJ3JHP	1,600	4	4	D

Single Operator, 1296 MHz

K5JL	262,400	82	32	E
HB9BBD	240,000	75	32	E
G4CCH	200,100	69	29	E
OK1CA	148,400	53	28	E
OZ6OL	117,500	47	25	E
KØYW	105,600	44	24	E
N2UO	68,000	34	20	E
JH5LUZ	45,000	30	15	E
IK3COJ	37,500	25	15	E
OM6AA	27,600	23	12	E
JH1KRC	25,200	21	12	E
DL4MUP	21,600	18	12	E
W9IIX	12,800	16	8	E
WA4OFS	3,600	6	6	E
JH1EFA	1,800	6	3	E

Single Operator, 2304 MHz

OE9ERC	19,500	15	13	F
JA4BLC	3,600	6	6	E

Single Operator, 10 GHz

OK1UWA	10,800	12	9	I
I5PPE	7,000	10	7	I

Multioperator, Multiband

K5GW (+W5LUA, WD5AGO)				
	3,684,400	159	45	B
		2	2	C
		55	28	D
		65	30	E
		21	17	F
		1	1	G
		2	2	H
		10	7	I
HB9Q (HB9CRQ, HB9DBM, ops)				
	3,180,000	120	38	B
		119	40	D
		61	28	E
F6KHM (F5TTU, F4CPY, F8DBF, ops)	938,000	72	35	D
		68	32	E
K2UYH (+W3ZZ, N4HY, K1JT)				
	696,200	59	31	D
		59	28	E
JL1ZCG (JA1DYB, JA1MOH, JG1ILF, JR4ENY, JM7WXN, JIØVWL, ops)				
	627,000	64	27	B
		50	28	D
S52J (S57EA, S56TZJ, ops)				
	201,600	46	26	B
		10	10	D
JA8IAP	28,000	7	6	B
		1	1	D
		12	7	E
DLØSHF (DF9CY, DK7LJ,ops)				
	23,800	5	5	F
		12	9	I

Multioperator, 144 MHz

I2FAK (+IK2LZT)				
	985,000	197	50	B
KB8RQ (+N8DFN)				
	925,000	185	50	B
RU1AA (+UA1ARX, UA1ANX)				
	920,000	184	50	B
F1FLA (+F6BSJ, F6BCW, FØCXO)				
	504,000	120	42	B
IK1UWL (+I1OCQ)				
	45,900	27	17	B
DLØUL (DF2CD, DL6SAQ, DL1GGT, DL1SAN,ops)				
	40,000	25	16	B
DL1DWI (+DH5FS)				
	27,000	18	15	B
F1DDG (+F5UNH, F6HEO)				
	20,400	17	12	B
WW8M (+NE8I)				
	15,000	15	10	B
N0AKC (+K9MU)				
	10,400	13	8	B

Multioperator, 432 MHz

OH2PO (+OH2HYT, OH6DD)				
	349,200	97	36	
DL7APV (+DL7AIG)				
	192,000	60	32	D
K4EME (+KR4V, AD4TJ, WB4YEX)				
	72,600	33	22	D

Multioperator, 1296 MHz

W2DRZ (+K2DH, K2TXB, KA2ONY, NY2Z)	110,400	46	24	E
HA5SHF (+HA5BGL, HA5BMU)				
	52,200	29	18	E
SKØUX (+SMØMXO, SMØSBI, ES5PC)	31,200	24	13	E
JR4ZZS (JR4AEP, JA4BLC, JAØEIV,ops)				
	30,000	25	12	E
VA7MM (VE7CMK, VE7CNF, ops)				
	9,900	11	9	E

Multioperator, 10 GHz

DLØEF (PA3GLB/DL5FAB, DK2UO, DK2KA, DF3GL, DD9ZL, DH9FAG,ops)				
	10,400	13	8	I
IQ4DF (I4BER, I4TTZ, I4TMA, I4QIG, I4ZAU, IZ4BEH, IW4BYP, IW4APQ, IW4CJM,ops)				
	8,800	11	8	I
OK1KIR (+OK1DAI, OK1DCI, OK1DAK, OK1VAO)				
	3,000	6	5	I