

2006 IARU HF World Championship Results

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“I am kind of new to contesting, so with each new event I try to do just a little better than I did with the last event.” — TG9ANF

“This was my first IARU contest. Had a blast and hope to see you next year.” — AH6RR

*“It was my first experience in a HF world championship and I really enjoyed it.”
— IZ2HAN*

“I was for the first time in the contest. For fun and I had a lot!” — F6FYA

Who said contesting was a dying sport? It certainly wasn't any of the 2800-plus participants who turned in logs for the 2006 running of the IARU HF World Championship. Even being near solar minimum between Cycles 23 and 24 didn't deter the participants.

Twenty meters again turned out to be the workhorse band (as it probably will for the next couple of years), with almost twice as many QSOs as its closest challenger, 40 m. Fifteen closely followed 40 with the third-most number of QSOs. The moral here is to make sure you have a good 20 m antenna if you want to compete in this contest.

And of course the running of WRTC2006 within the IARU contest was an added bonus to spark even more interest. The 46 teams, using special 2 × 1 Brazilian call signs, spiced up the event with challenges (and awards) by the WRTC organizing committee to work all 46 teams.

As evidenced by the many comments in the Soapbox similar to the ones highlighted at the beginning of this article (www.arrl.org/contests/soapbox/), the IARU HF World Championship is a great way for newcomers to get their feet wet. It's also a great way for experienced testers to bridge the contest-season gap from spring to fall.

Participation Statistics

ARRL HQ received 2897 logs (includes 36 check logs) for the 2006 event. This is down a bit from last year's record number (3038), but still shows the great popularity of this summer contest.

Participants sent in logs from 50 ITU zones. This is pretty



VE3AP wearing his WRTC2002 T-shirt.

normal, as previous years have bounced between a low of 48 and a high of 53. As expected from previous results, Zone 28 (Central and Eastern Europe) led the pack with almost 28% of the logs. This percentage is a bit down from last year, but it still stands head and shoulders above the second place percentage of about 16% from Zone 8 (East Coast of North America). Zone 29 (mostly European Russia) came in a close

third at about 15%.

The most popular category was CW Only Low Power, with almost 23% of the logs. Following close behind were Phone Only Low Power (about 20%) and Mixed Low Power (about 19%). The fourth most popular category was Mixed High Power at around 10%. If you don't have an amp, you'll be in good company in the IARU contest!

New Records — World

Even though the 2006 running of the IARU contest was around solar minimum, five World records were broken.

In the HQ category, the team at R9HQ ended up at 26,342,498, beating the old record (20,559,840) by 28%!

The other four record-breaking efforts came from Hungary. In Phone Only Low Power, HG3M (HA3MY op) smashed the 2005 record of 949,843 with 1,581,930. In Phone Only QRP, HA8JV squeaked by the old record. In CW Only Low Power, HA8DU keyed his way past his 2005 record. In CW Only QRP, HA5KDQ (HA7ANT, op) beat the record held by fellow Hungarian HA5IW. This certainly was a good showing by the HA operators!

New Records — W/VE

Four W/VE participants ignored the lack of sunspots and battled their way to new records.

In Mixed LowPower, K1XM used his mic and key effectively to outdistance the 2005 record set by W5ZL. In Mixed QRP, NØKE set the new record with a 20% increase. In Phone Only QRP, KC5R beat the 2005 record held by KO1H. And in CW Only Low Power, W1RM narrowly



Casual QRP contesting this time. Quite fun indeed!

bested the old record held by VE3DZ.

Congratulations to all those holding new records.

Battle of the HQ Stations

Fifty-two stations battled for first place in the HQ category. R9HQ came out on top, and set the new World record to boot. Although they had less Qs and mults than the second-place DAØHQ team, being in Zone 32 with the QSO point differential



Tarus, YO8RNF, and Vasile, YO5DAR, operate YO8KRR in the IARU 2006 contest.

made the difference.

In the battle of the ARRL stations, the NU1AW/8 team edged out the W1AW/4 team. The NU1AW/8 team had fewer Qs, but their multiplier total more than made up for this. For the interesting story of the W1AW/4 operation, please read K4RO's feature titled *The W1AW/4 IARU 2006 Story* in the November/December 2006 issue of *NCJ*.

See the ARRL Web site for the table

Non W/VE Top Ten

Call	Score	Call	Score	Call	Score	Call	Score
Headquarters Stations							
R9HQ	26,342,498	Single Operator Mixed High		Single Operator Phone Only High		Single Operator CW Only High	
DAØHQ	22,681,692	HA1KSA (HA1DAC, op)	3,874,175	OH6LI	2,353,834	9A1A	3,680,144
TMØHQ	21,932,150	RW1AC	3,258,318	LX7I (LX2AJ, op)	2,083,248	HC8N (K6AW, op)	2,923,858
SNØHQ	20,643,525	EA8/OH4NL	2,886,912	US5D (UT7DX, op)	1,752,240	OHØR (OH2PM, op)	2,511,669
GB5HQ	20,592,075	DL1IAO	2,829,760	4N8A	1,531,990	S58A	2,224,960
OM6HQ	18,430,848	R3R (UA3DPX, op)	2,808,300	UU7J (UU5MAF, op)	1,354,562	UR5M (UR5MID, op)	2,180,100
OE1A	16,935,120	UT7QF	2,800,050	9G5UR (UY5ZZ, op)	1,235,560	OL8M	2,152,656
OPØHQ	15,754,860	UW2M (URØMC, op)	2,753,905	DJ8OG	1,134,628	ZC4LI	1,901,924
HGØHQ	15,598,011	3V6T	2,509,676	PY5HOT	1,054,620	UA9YAB	1,869,358
4N9HQ	15,301,237	UA3RAR	2,450,000	ZX2B (PY2MNL, op)	1,045,056	UT7I (UT2IO, op)	1,812,335
		LY6M	2,361,447	IR2M (IZ2FDU, op)	936,561	RA9AC	1,790,772
Single Operator Mixed QRP							
HG5Y	960,096	Single Operator Phone Only QRP		Single Operator CW Only QRP		Multi-Single	
OK7CM	415,480	HA8JV	316,731	HA5KDQ (HA7ANT, op)	1,412,260	RZ3AXX	3,689,052
UA9SG/P	337,650	F5BEG	194,889	EU8RZ	559,884	RL3A	3,297,978
SP1DTE/9	288,600	RU6YZ	111,398	HA1WD/P	545,868	PS2T	3,103,150
RW3AI	270,693	YO2LYN	80,720	OK2BYW	466,800	PT5L	2,211,660
UA1CUR	181,184	HA1CC	76,791	UA6LCJ	287,184	RO4M	2,171,178
SP2FAP	176,850	IZ1DGG	44,770	YO6EX	248,448	DP4K	2,109,464
YO4AAC	131,803	TA2RX	37,680	JA6GCE	206,094	RL4W	2,063,194
UA3ABJ	127,746	CT1ELF	37,400	RA3XAR	193,130	CT9M	2,054,722
RW6MT	95,676	KP4KE	34,998	UX8ZA	191,250	ZW5B	1,920,600
		SA2W	32,384	DD1IM	191,070	OH6XX	1,800,900
Single Operator Mixed Low							
LY9A	1,473,390	Single Operator Phone Only Low		Single Operator CW Only Low			
T96C	1,392,384	HG3M (HA3MY, op)	1,581,930	HA8DU	2,278,782		
OH6NIO	1,160,874	5C8A (CN8NK, op)	1,276,128	HA3MQ	1,783,540		
UT2UZ	1,072,251	EO6F (UXØFF, op)	1,056,570	UN3M	1,553,364		
UA9JLL	917,730	HG3X	784,818	YZ2A	1,305,668		
ON4CT	859,437	CN8SG	750,212	YT5A (YZ1EW, op)	1,241,055		
RL9A (UA9AX, op)	775,735	RU9AC	600,780	9A3B (9A1AA, op)	1,176,027		
WP3C	697,728	7Z1SJ	509,796	UN5J	1,127,196		
UR6QS	661,478	CT1DHM	499,162	LY6A (LY2BM, op)	1,111,800		
YT7TY	661,275	UZ7M (UT9MZ, op)	487,256	EW8DX	979,875		
		UA3BL	451,770	LZ9R (LZ3YY, op)	960,923		

W/VE Top Ten Scores

Call	Score	Call	Score	Call	Score	Call	Score
Single Op Mixed Mode QRP							
NØKE	156,774	Single Op Phone Only QRP		Single Op CW Only QRP		Single Op CW Only High	
NA4BW	63,988	KC5R	135,375	WA4PGM	73,392	K1TO	2,554,491
N8II	49,644	KØ1H	122,040	AA1CA	56,855	NY4A (N4AF, op)	1,767,880
NØLY	49,500	W4HRC	14,335	VE3MGY	30,723	AA3B	1,383,949
K3OQ	18,396	WD9FTZ	12,408	NN7SS (K6UFO, op)	24,246	W1WEF	1,379,840
W5ESE	12,105	NDØC	7,215	NU4B	22,011	N4OGW	1,317,598
KE6K	11,655	KC9AMM	5,980	W4QQ	21,830	W5KFT (K5PI, op)	1,293,552
KK4PQ	6,816	KG4IGC	4,872	W8TM	17,880	KØRF	1,202,572
KC9ECI	1,372	WB7OCV	3,094	N6WG	16,605	N3UA	994,244
VA3JFF/W1	806	W4UDX	2,520	K4AQ	15,268	NY3A	985,907
		NF2L	1,184	K7TQ	14,706	KZ5D	849,777
Single Op Mixed Mode Low							
K1XM	760,704	Single Op Phone Only Low		Single Op CW Only Low		Multi-Single	
NR3X	710,430	W3LL	197,754	W1RM	1,065,110	K5NA	1,983,762
W5ZL	672,520	K1WO	106,000	N4BA	504,075	K5NZ	1,793,298
VX3JM (VE3JM, op)	649,440	AD5WI	78,232	WB4TDH	502,857	KD4D	1,630,240
W9IU	494,880	NP2KW	76,228	K8IA	491,616	NX5M	1,531,876
WØVX	485,100	KA2KON	62,033	WK2G	450,688	N3ME	1,433,610
VA3QP	362,077	K7ACZ	53,508	W4IX	447,858	N3BB	1,386,583
KØRC	336,966	W2AD	52,326	N2T (K3BU, op)	430,080	K1TTT	1,155,951
VE4YU	266,104	VE2HIT	51,744	WD4AHZ	414,897	NØNI	1,133,502
ACØW	227,456	K4DLI	45,603	W5EK	365,571	VE3NE	1,052,100
		W4TMN	44,170	K4OGG	363,506	K9SD	940,491
Single Op Mixed Mode High							
VX3AT (VE3AT, op)	1,633,248	Single Op Phone Only High					
KU1CW	1,514,700	VE3AP (LU7DW, op)	1,319,500				
K9NW	1,493,140	WB9Z	1,192,815				
K3ZO	1,484,015	K7RL	1,175,233				
VE3EY	1,394,118	W7WA	1,129,083				
NN1N	1,231,370	K5TR (WM5R, op)	1,057,910				
N4PN	1,121,354	N4OX	710,580				
W5WMU	1,110,049	WZ3AR	473,850				
K5KG	1,071,432	KØRH	460,332				
K6XX	1,070,001	K5ER	363,888				
		NJ2F	279,603				

of World and W/VE records.

Close Races

In the Mixed Low Power category, LY9A inched by T96C by only 5.8%. LY9A had 553 fewer Qs, but 48 more multipliers. This again shows that running is not the only strategy needed to win — you have to chase the mults, too.

Also in the Mixed Low Power category, K1XM edged out NR3X by only 7.1%. Again, the winning factor was having more multipliers with fewer QSOs.

In the Mixed High Power category,



Edu, EA8URL, made 700 Qs during this year's IARU Contest.

VE3AT piloted VX3AT to 1,633,248. This was only 7.8% higher than KU1CW's score of 1,514,700. The winning factor for VX3AT was the reverse of the previous two close races — VX3AT's QSO total was higher than KU1CW's QSO total, and this made up for the lesser amount of mults.

2007 Contest

Come join in all the fun in this year's event, which will be run on July 14-15, 2007. Be sure to check out the announcement in the April *QST*, along with the full rules at www.iaru.org/contest.html.

W/VE Region Winners

For Class: A = Mixed Mode, B = Phone Only, C = CW Only, D = Multioperator.
For Power: A = QRP, B = Low, C = High

Northeast Region (New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)				Southeast Region (Delta, Roanoke and Southeastern Divisions)				Central Region (Central and Great Lakes Divisions; Ontario Section)				Midwest Region (Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)				West Coast Region (Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections)			
Score	Class	Power		Score	Class	Power		Score	Class	Power		Score	Class	Power		Score	Class	Power	
K3OQ	18,396	A	A	NA4BW	63,988	A	A	KC9ECI	1,372	A	A	N0KE	156,774	A	A	KE6K	11,655	A	A
VA3JFF/W1	806	A	A	N8II	49,644	A	A					N0LY	49,500	A	A				
				KK4PQ	6,816	A	A					W5ESE	12,105	A	A				
K1XM	760,704	A	B	NR3X	710,430	A	B	VX3JM	649,440	A	B	W5ZL	672,520	A	B	WN6K	190,512	A	B
K3MQ	181,632	A	B	K4EJ	218,139	A	B	(VE3JM, op)				W0VX	485,100	A	B	K17Y	97,930	A	B
VE9DX	177,100	A	B	W2OO	129,164	A	B	W9IU	494,880	A	B	K0RC	336,966	A	B	ND2T	93,075	A	B
VX2AWR	172,458	A	B	N5AN	124,690	A	B	VA3QP	362,077	A	B	VE4YU	266,104	A	B	VE7NS	55,825	A	B
(VE2AWR, op)				K4JAF	98,610	A	B	K8GT	180,420	A	B	AC0W	227,456	A	B	KU6T	53,600	A	B
N8NA	125,800	A	B					AC4PY	110,317	A	B								
K3ZO	1,484,015	A	C	N4PN	1,121,354	A	C	VX3AT	1,633,248	A	C	KU1CW	1,514,700	A	C	K6XX	1,070,001	A	C
NN1N	1,231,370	A	C	W5WMU	1,110,049	A	C	(VE3AT, op)				K5TT	623,457	A	C	K7ZSD	920,040	A	C
KB1H	958,284	A	C	K5KG	1,071,432	A	C	K9NW	1,493,140	A	C	(WW5X, op)				(K7GK, op)			
(N2TTA, op)				N6AR	687,744	A	C	VE3EY	1,394,118	A	C	KT0R	549,644	A	C	K6NR	574,777	A	C
W1EBI	595,686	A	C	K4PV	623,288	A	C	N0JL	765,583	A	C	W0BH	535,875	A	C	W7GG	374,142	A	C
WA1Z	554,648	A	C					W9RE	664,204	A	C	K0OU	424,060	A	C	N6ED	334,875	A	C
KO1H	122,040	B	A	KC5R	135,375	B	A	WD9FTZ	12,408	B	A	ND0C	7,215	B	A				
WB7OCV	3,094	B	A	W4HRC	14,335	B	A	KC9AMM	5,980	B	A								
NF2L	1,184	B	A	KG4IGC	4,872	B	A	W4UDX	2,520	B	A								
WB0IWG	320	B	A	AC2N	1,098	B	A	N8XA	459	B	A								
								K9VIC	55	B	A								
W3LL	197,754	B	B	AD5WI	78,232	B	B	W8KNO	39,975	B	B	KB0NHW	29,400	B	B	K7ACZ	53,508	B	B
K1WO	106,000	B	B	NP2KW	76,228	B	B	W9QL	32,908	B	B	K0LEJ	27,825	B	B	NJ7I	6,920	B	B
KA2KON	62,033	B	B	K4DLI	45,603	B	B	VA3FP	17,472	B	B	W5WRE	25,252	B	B	VA7MJR	6,586	B	B
W2AD	52,326	B	B	W4TMN	44,170	B	B	VE3ZIN	12,383	B	B	WBSIZD	13,631	B	B	KW7N	5,936	B	B
VE2HIT	51,744	B	B	K3ZJ	42,679	B	B	N8HC	9,635	B	B	N9CI	9,075	B	B	WA7RR	3,584	B	B
WZ3AR	473,850	B	C	N4OX	710,580	B	C	VE3AP	1,319,500	B	C	K5TR	1,057,910	B	C	K7RL	1,175,233	B	C
K1PLX	237,666	B	C	K5ER	363,888	B	C	(LU7DW, op)				(WM5R, op)				W7WA	1,129,083	B	C
N3NR	225,960	B	C	NJ2F	279,603	B	C	WB9Z	1,192,815	B	C	K0RH	460,332	B	C	K6JJJ	73,554	B	C
WA1NPZ	109,000	B	C	N4MM	253,052	B	C	AC8G	165,977	B	C	W0JUP	24,786	B	C	K7BAA	47,424	B	C
W1TX	63,666	B	C	N4UH	106,998	B	C	KC8IMB	125,328	B	C	WASZUP	17,784	B	C	KB6FB	45,584	B	C
								N9YM	78,498	B	C	NE0DX	15,900	B	C				
AA1CA	56,855	C	A	WA4PGM	73,392	C	A	VE3MGY	30,723	C	A	N0TK	4,498	C	A	NN7SS	24,246	C	A
KZ2G	2,556	C	A	NU4B	22,011	C	A	W8TM	17,880	C	A	AA5TB	3,770	C	A	(K6UFO, op)			
				W4QO	21,830	C	A	VA3RKM	8,096	C	A	NG0K	2,715	C	A	N6WG	16,605	C	A
				K4AQ	15,268	C	A	WA8RC	7,378	C	A	W0EB	378	C	A	K7TQ	14,706	C	A
								VE3IGJ	180	C	A					K6MI	14,076	C	A
W1RM	1,065,110	C	B	N4BAA	504,075	C	B	KV8Q	314,976	C	B	W5EK	365,571	C	B	K8IA	491,616	C	B
N2T	430,080	C	B	WB4TDH	502,857	C	B	K9MMS	186,550	C	B	W5GAI	300,048	C	B	VA7ST	185,744	C	B
(K3BU, op)				WK2G	450,688	C	B	K9QVB/9	120,950	C	B	N5CHA	191,130	C	B	K7HBN	146,520	C	B
VE2XAA	325,704	C	B	W4IX	447,858	C	B	K9GY	119,140	C	B	K0JO	169,916	C	B	KM6Z	142,405	C	B
W2CXM	302,960	C	B	WD4AHZ	414,897	C	B	KJ9C	109,984	C	B	K0MT	164,424	C	B	AD6E	115,721	C	B
(W09S, op)																			
WB2AA	250,705	C	B																
AA3B	1,383,949	C	C	K1TO	2,554,491	C	C	N8BJQ	824,400	C	C	W5KFT	1,293,552	C	C	K4XU	296,430	C	C
W1WEF	1,379,840	C	C	NY4A	1,767,880	C	C	N8PW	452,237	C	C	(K5PI, op)				W6FA	282,875	C	C
NY3A	985,907	C	C	(N4AF, op)				N9CK	398,684	C	C	K0RF	1,202,572	C	C	K7QQ	213,510	C	C
N3RS	639,232	C	C	N4OGW	1,317,598	C	C	K8AJS	340,236	C	C	N5PO	395,424	C	C	N7BV	200,424	C	C
N4CW/1	619,800	C	C	N3UA	994,244	C	C	K9OM	338,484	C	C	K0FX	306,410	C	C	WA5VGI	181,467	C	C
				KZ5D	849,777	C	C					K0RI	140,400	C	C				
KD4D	1,630,240	D		NR4M	931,772	D		VE3NE	1,052,100	D		K5NA	1,983,762	D		W6YX	748,176	D	
N3ME	1,433,610	D		WM3T	460,481	D		K9SD	940,491	D		K5NZ	1,793,298	D		N6VR	512,768	D	
K1TTT	1,155,951	D		K0LUZ	338,175	D		KE9I	861,792	D		NX5M	1,531,876	D		N7ZG	413,750	D	
W3NX	913,848	D		W8HC	273,093	D		N8VW	619,413	D		N3BB	1,386,583	D		N6KI	157,014	D	
NO2R	768,320	D		N4WW	204,795	D		NG9T	303,592	D		N0NI	1,133,502	D		AL1G	92,476	D	
				W1AW/4	6,456,944	1		NU1AW/8	7,051,925	1									
								VA3RAC	1,432,758	1									

Continental Results

For Class: A = Mixed mode, B = Phone Only, C = CW Only, D = Multioperator. For Power: A = QRP, B = Low, C = High

Call	Score	Class	Power	Call	Score	Class	Power	Call	Score	Class	Power
Africa				Europe				Oceania			
5H1DN (S57CQ, op)	9,840	A	B	HG5Y	960,096	A	A	TI3TLS	221,592	C	C
EA8/OH4NL	2,886,912	A	C	OK7CM	415,480	A	A	XE1MM	151,218	C	C
3V6T	2,509,676	A	C	SP1DTE/9	288,600	A	A	XE1CXC	65,430	D	D
5Z1A (PA3DZN, op)	2,124,648	A	C	RW3AI	270,693	A	A	ZF1A	641,720	1	1
CT3BD	197,797	A	C	UA1CUR	181,184	A	A	HR2RCH	291,280	1	1
ZS5ZZ	4,900	A	C	LY9A	1,473,390	A	B	TI0HQ	203,463	1	1
5C8A (CN8NK, op)	1,276,128	B	B	T96C	1,392,384	A	B	Oceania			
CN8SG	750,212	B	B	OH6NIO	1,160,874	A	B	YB5AQB	559	A	A
EC8ADW	210,102	B	B	UT2UZ	1,072,251	A	B	VK1AA/M	5,913	A	B
3V8ST	130,000	B	B	ON4CT	859,437	A	B	YB0IR	4,929	A	B
ST2M	33,015	B	B	HA1KSA (HA1DAC, op)	3,874,175	A	C	Y00MJY	2,474	A	B
9G5UR (UY5ZZ, op)	1,235,560	B	C	RW1AC	3,258,318	A	C	ZL4JB	660	A	B
EA8UURL (EA8AUW, op)	468,488	B	C	DL1AO	2,829,760	A	C	9M6/JA3EGZ	90,900	A	C
5F50YR	2,852	C	B	R3R (UA3DPX, op)	2,808,300	A	C	YB0A	192,284	B	B
ZS5NK	115,967	D	D	UT7QF	2,800,050	A	C	DV1JM	63,840	B	B
C91HQ	116,204	1	1	HA8JV	316,731	B	A	YB2ECG	28,800	B	B
ZS0HQ	832	1	1	F5BEG	194,889	B	A	YB1BAD	19,329	B	B
Asia				North America				South America			
UA9SG/P	337,650	A	A	RU6YZ	111,398	B	A	VK4DMP	18,914	B	B
RK9DO	48,555	A	A	YO2LYN	80,720	B	A	YB1AR	62,665	B	C
JK1TCV	13,770	A	A	HA1CC	76,791	B	A	9M6/JA3DFM	40,083	B	C
RU9CWO	1,890	A	A	HG3M (HA3MY, op)	1,581,930	B	B	ZL2UO	1,743	B	C
UA9CHL	448	A	A	EO6F (UX0FF, op)	1,056,570	B	B	YC2TWW	1,725	B	C
UA9JLL	917,730	A	B	HG3X	784,818	B	B	YD1JZ	360,240	C	B
RL9A (UA9AX, op)	775,735	A	B	CT1DHM	499,162	B	B	ZL1TM	177,507	C	B
RW9IM	545,940	A	B	UZ7M (UT9MZ, op)	487,256	B	B	ZL3WWW	108,225	C	B
RV0AL	372,252	A	B	OH6LJ	2,353,834	B	C	VK2AYD	59,126	C	B
RA9XF	333,756	A	B	LX7I (LX2AJ, op)	2,083,248	B	C	YC1KAF	57,200	C	B
UP4L (UN7LZ, op)	2,314,575	A	C	US5D (UT7DX, op)	1,752,240	B	C	ZL4BR	544,488	C	C
RM0A (UA0ANW, op)	1,994,757	A	C	4N8A	1,531,990	B	C	NA8O/AH0	448,400	D	D
UA9PC	1,798,422	A	C	UU7J (UU5MAF, op)	1,354,562	B	C	VK6ANC	45,678	D	D
UA9BS	1,014,646	A	C	HA5KQDQ (HA7ANT, op)	1,412,260	C	A	ZL6A	872,160	1	1
UA9CMQ	835,512	A	C	EU8RZ	559,884	C	A	4H1Q	49,608	1	1
TA2RX	37,680	B	A	HA1WD/P	545,868	C	A	South America			
JA2MWW	9,225	B	A	OK2BYW	466,800	C	A	PV8DX	240,306	A	B
RA9AIF	504	B	A	UA6LCJ	287,184	C	A	PY1NB	235,950	A	B
RU9AC	600,780	B	B	HA8DU	2,278,782	C	B	Y28A	156,620	A	B
7Z1SJ	509,796	B	B	HA3MQ	1,783,540	C	B	PT2BW	47,475	A	B
RX9KC	360,585	B	B	Y5TA (YZ1EW, op)	1,241,055	C	B	PR7AA (PR7AYE, op)	75	A	B
RA9XY	237,900	B	B	9A3B (9A1AA, op)	1,176,027	C	B	LT1F (LU1AEE, op)	500,340	A	C
UA9CL	175,256	B	B	LY6A (LY2BM, op)	1,111,800	C	B	LU4DX	186,990	B	B
UA9JDP	747,100	B	C	9A1A	3,680,144	C	C	HC1JQ	40,600	B	B
VR2XMT	232,830	B	C	OH0R (OH2PM, op)	2,511,669	C	C	LU1BJW	38,624	B	B
JA1CG	192,280	B	C	S58A	2,224,960	C	C	LU2AIB	33,426	B	B
JA8NFV	117,960	B	C	UW8M (UR5MID, op)	2,180,100	C	C	CE2LS (CE2SQE, op)	27,608	B	C
UN7QF	46,644	B	C	OL8M	2,152,656	C	C	PY5HOT	1,054,620	B	C
JA6GCE	206,094	C	A	RZ3AXX	3,689,052	D	D	ZX2B (PY2MNL, op)	1,045,056	B	C
UN7CN	99,084	C	A	RL3A	3,297,978	D	D	LU5HM	462,692	B	C
RA9SO	94,000	C	A	RO4M	2,171,178	D	D	HK6PSG	260,126	B	C
RN9RM	72,930	C	A	DP4K	2,109,464	D	D	YV5AMH	95,280	B	C
JR1NKN	22,302	C	A	RL4W	2,063,194	D	D	YZ2A	1,305,668	C	B
UN3M	1,553,364	C	B	DA0HQ	22,681,692	1	1	PY7RP	87,482	C	B
UN5J	1,127,196	C	B	TM0HQ	21,932,150	1	1	HK3CQ	83,116	C	B
UN6LN	737,262	C	B	SN0HQ	20,643,525	1	1	PY8MGB	20,987	C	B
UA9AOL	666,855	C	B	GB5HQ	20,592,075	1	1	LU5OM	17,064	C	B
RA9KM	588,640	C	B	OM6HQ	18,430,848	1	1	HC8N (K6AW, op)	2,923,858	C	C
ZC4L	1,901,924	C	C	North America				LU7HN	243,854	C	C
UA9YAB	1,869,358	C	C	WP3C	697,728	A	B	LW1E (LU1EWL, op)	30,520	C	C
RA9AC	1,790,772	C	C	XE1LM (XE2AUB, op)	22,365	A	B	PY3AU	20,184	C	C
RA9JR	1,625,320	C	C	XE1AY	19,390	A	B	PY7ZY	7,458	C	C
TA2/OK1FIA	1,064,125	C	C	XE1NW	300,390	A	C	PS2T	3,103,150	D	D
XX9A	1,421,133	D	D	KP4KE	34,998	B	A	PT5L	2,211,660	D	D
RK9JVV	1,149,896	D	D	TG0AA (TG9ANF, op)	63,228	B	B	ZW5B	1,920,600	D	D
RK9AWN	1,058,000	D	D	TI2VV	14,391	B	B	PT5I	1,775,456	D	D
UA0AWW	983,410	D	D	CO8TW	6,580	B	B	PW5U	1,743,462	D	D
RW9HZZ	967,904	D	D	XE2K	656,548	B	C	PT5V	1,301,496	1	1
R9HQ	26,342,498	1	1	VP9/K0ARY	66,836	B	C	YV70IARU	883,060	1	1
8NxHQ	6,815,340	1	1	TG8AOV	10,164	B	C	P40HQ	789,004	1	1
BxHQ	4,785,088	1	1	XE2MX	24,310	C	B	9Y4HQ	415,374	1	1
9K9HQ	3,405,528	1	1	HP1AC	8,214	C	B	PJ2HQ	403,471	1	1
9V9HQ	1,616,600	1	1	HR1RTF	7,450	C	B				

QST

New Products

HIGH POWER REMOTE ANTENNA TUNER FROM HAMWARE.DE

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