

Results of the 2016 CQWW VHF Contest

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What a difference a year makes! A record 906 stations submitted entries for the 2016 CQ World Wide VHF Contest, up considerably from the previous year's 663. U.S. entries were up by over 150 and DX entries up by 90. Conditions were not stellar but 6 meters came to life for some (but not all). Thanks to all who submitted an entry. It wasn't the year for breaking records (other than for entries) as K9AKS discusses in the following paragraph:

As usual, the activity in the 2-meter only category was sparse, with only five logs submitted from North America and 10 from the rest of the world. Perhaps the highlight in this category was HG3X breaking his own previous Hungarian record of 20,592 with a fine score of 28,320. In the all-band category, EA8DBM smashed the African record with a score of 140,904, substantially exceeding his previous record of

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97,308 set in 2015. Two good scores in the QRP category were fifth and sixth all-time in Europe: IZ4DPV's 25,530 and HA5KDQ's 24,621. In the QRP Hilltopper category, K4SME must have picked the right six hours to operate: 15,600 points is the second highest in the history of the contest.

In the context of all-time records, the 6-meter, multi-operator, and rover categories gave us little to write home about. Even though the participation was up over previous years, the conditions did not permit many record scores.

USA

Jeff, KITEO, edged Bob, K2DRH, for the top spot in the Single-op All Band category while George, K5TR, was not far behind, followed by Greg, WQOP (welcome back to the contest) and Andy, N2NT. In only his second CQWW VHF contest, Dan, K1TO, takes the top spot on 6 meters using a borrowed K3 and 100 watts. Bob, N4BP, finished second.



The 100-foot tower of 9A9R, the top band score from Europe, was destroyed by a tornado shortly after the contest.



Here's ACORA's antenna farm!

Bob made a few more Qs but Dan had 14 more grids and that made the difference. Chuck, W5PR, was third; Ivars, KC4PX, fourth, and Terry, N4TB, rounded out the top five. Sunday was a great day to be in Florida (or pointed that way). Surely there must be more than five 2-meters only stations in the U.S. N2FKF finished first, followed by K16JJW and WA5LFD. Tom, K3TW, turned in a great score to win the QRP category. Bruce, KG6IYN, was second; followed by David, W4CLJ; and Curt, K9AKS. K4SME's choice of operating hours resulted in a victory in the Hilltopper category. Here's what Sandra had to say. "Had fun working the pile ups. A good opening all morning. Was hoping to work a few more on 2 meters. But, a great day at the beach after all. Oh! And I beat Steve this time! That's the best!" Steve,

TOP SCORES

WORLD

All Band	
EA8DBM	1,457
EA8DBM	140,904
9A9R	52,250
IW2NOD	50,944
QRP	
TA2AD	25,530
DL2OM	25,530
6 Meters	
ISØBSR	25,530
E7TT	25,530
LZ9V	25,530
Rover	
VY5UZ	25,530
IZ3NVR	25,530
2 Meters	
HG3X	25,530
S56P	25,530
EO25F	25,530
9A9I	25,530
US4IEK	25,530
Hilltopper	
HA1ZH	25,530
HA2VR/P	25,530
IW2JNN/IN3	25,530

USA

All Band	
K1TEO	1,736
K1TEO	1,633
K2DRH	1,200
K5TR	1,200
QRP	
N2NT	1,200
6 Meters	
K1TO	1,200
N4BP	1,200
W5PR	1,200
KC4PX	1,200
N4TB	1,200
Rover	
ACØRA/R	1,200
K9ILT/R	1,200
2 Meters	
N2FKF	1,200
K16JJW	1,200
WA5LFD	1,200
KE7QPV	1,200
KC5MVZ	1,200
Hilltopper	
K2LIM	1,200
K4SME	1,200
N2CEI	1,200

N2CEI, did finish second, followed by Jon, NØJK; Dan, W1QK; and Chris, NV4B/5.

The Grid Pirates Contest Group (K8GP with W8ZN, K1RZ, and ND3F operating from the W4RX superstation) are the new Multi-Op champions. K5QE and crew (N5YA, AE5VB, N5CMI, AF8Z, W5LD, N1XS, K7RSM, N5TM, K5MQ) were a close second followed by K2LIM (KA2LIM, W9KXI, NX2W, KB2YCC, N4VC), W3SO (ops: W3IDT, WA3TTS, W3BC, W3BTX, W3YOZ) and W4MW (ops: W2ZV, AA4SC, W4WNT, W3OA, W4MW, W4GRW, N4UFP, K4CEB, KU4V, N4LED, AD4IE).

Four U.S. rovers topped the 10-K mark with Wyatt, ACØRA, and Greg, KCØSKM, taking the top spot with a tad over 32K. Wyatt and Greg operated from seven grids (EN44, EN34, EN33, EN43, EN31, EN32, and EN41). In his comments, Wyatt asked a very good question: "Six meters is a blast when it opens but when it's dead where is the activity on 2 meters?" Pat, K9ILT, did a great job activating 12 grids to take second place, less than 2K behind Wyatt and Gregg. Luther, N2SLN, with John, KC2FSU, fin-

QSO & GRID LEADERS

6-Meter QSOs	2-Meter QSOs
EA8DBM.....616	HS1AXC.....247
N4BP.....567	HG3X.....240
K1TO.....533	S56P.....209
W5PR.....528	HA6W.....201
KC4PX.....461	K8GP.....197
WQØP.....461	E27GIG.....192
K5QE.....432	9AØV.....190
ISØBSR.....429	9A9R.....187
K5TR.....400	K2LIM.....148
N4TB.....382	K1TEO.....141
K2DRH.....363	W4MW.....140
K8GP.....351	W3SO.....122
E7TT.....326	E24SEC.....121
TA2AD.....320	HG6Z.....117
K1TEO.....313	IW2NOD.....111

6-Meter Grids	2-Meter Grids
EA8DBM.....227	EO25F.....64
ISØBSR.....181	HG3X.....59
E7TT.....158	HA6W.....58
K1TO.....156	K5QE.....55
N4BP.....142	K8GP.....53
W5PR.....135	K9ILT/R.....52
N4TB.....134	S56P.....52
TA2AD.....133	W3SO.....48
KC4PX.....132	K2LIM.....46
IT9DSZ.....132	9AØV.....46
LZ2HM.....132	9A9R.....42
YU1BFG.....132	N2SLN/R.....41
LZ1YE.....122	K1TEO.....40
N4OX.....122	N8ZM.....37
K5QE.....122	HG6Z.....36

GRID LEADERS BY BAND

WORLD

Single Op 50 MHz	Multi Op 50 MHz
EA8DBM.....227	YU1BFG.....132
ISØBSR.....181	HA6W.....105
E7TT.....158	J48KEF.....80
TA2AD.....133	UT7E.....54
IT9DSZ.....132	VE3SMA.....44
144 MHz	144 MHz
EO25F.....86	HA6W.....58
HG3X.....59	9AØV.....46
S56P.....52	HG6Z.....36
9A9R.....42	YR8D.....31
DL2OM.....34	VE3SMA.....21

USA

Single Op 50 MHz	144 MHz
K1TO.....156	K5QE.....55
N4BP.....142	K8GP.....53
W5PR.....135	W3SO.....48
N4TB.....134	K2LIM.....46
KC4PX.....132	N8ZM.....37
144 MHz	Rover 50 MHz
K1TEO.....40	ACØRA/R.....95
K2DRH.....35	K9ILT/R.....75
N2NT.....31	N2SLN/R.....64
KB8U.....28	K9JK/R.....53
K1OR.....24	N1WK/R.....52
Multi Op 50 MHz	144 MHz
K5QE.....122	K9ILT/R.....52
K8GP.....109	N2SLN/R.....41
K2LIM.....109	ACØRA/R.....30
W3SO.....103	N9GH/R.....29
W4MW.....97	K9JK/R.....26

QSO LEADERS BY BAND

WORLD

Single Op 50 MHz	Multi Op 50 MHz
EA8DBM.....616	YU1BFG.....238
ISØBSR.....429	HA6W.....181
E7TT.....326	J48KEF.....153
TA2AD.....320	UT7E.....99
LZ9V.....302	HSØAC.....84
144 MHz	144 MHz
HG3X.....240	HA6W.....201
S56P.....209	9AØV.....190
9A9R.....187	HG6Z.....117
IW2NOD.....111	HSØAC.....82
9A9I.....109	YU1BFG.....59

USA

Single Op 50 MHz	144 MHz
K8GP.....567	K2LIM.....148
K1TO.....533	W4MW.....140
W5PR.....528	W3SO.....122
WQØP.....461	K5QE.....109
KC4PX.....461	K9JK/R.....71
144 MHz	Rover 50 MHz
K1TEO.....141	ACØRA/R.....171
K2DRH.....99	N1WK/R.....109
N2NT.....92	K9ILT/R.....96
K1OR.....77	N2SLN/R.....87
KB8U.....50	K9JK/R.....71
Multi Op 50 MHz	144 MHz
K5QE.....432	K9ILT/R.....73
K8GP.....351	N2SLN/R.....60
K2LIM.....295	ACØRA/R.....43
W3SO.....264	W9YOY/R.....42
W4MW.....272	N9GH/R.....39

ished third; K9JK was fourth; and Jarred, KF2MR, came in fifth. Thanks to the all the rovers for your efforts.

DX

Another record score from EA8DBM put Aleksandr at the top of the all-band category with 140K points. Vlatko, 9A9R, turned in the top score from Europe with 52K. Following the

contest, a twister destroyed his 100-foot-tall tower. IW2NOD was third, followed by TA2AD with the top Asian score in fourth and DL2OM in fifth. Marco, ISØBSR, is the 6-meter champion with E77T second, LZ9V third, LZ4HM fourth, and LZ1YE rounding out the top five. HG3X tops the 2-meter category with a fine 28K effort. S56P is second with EO25F (UXØFF) third, 9A9I in fourth, and US4IEK in fifth. In the



This is the portable 6-meter antenna used by NØJK on his expeditions.



PY2LCD's station at 1130 meters above sea level. The antennas are VictorCharlie0680 for 6 meters (on the left) and a Comet GP9 for 2 meters. The rig was a Yaesu FT-817 powered by a 400-watt wind generator and two batteries.

CLUB COMPETITION

(Minimum of 3 entries required for listing)

UNITED STATES

Club Name	# Entries	Score
FLORIDA CONTEST GROUP	(14)	383,919
POTOMAC VALLEY RADIO CLUB	(38)	329,795
NORTH EAST WEAK SIGNAL GROUP	(10)	139,868
SOCIETY OF MIDWEST CONTESTERS	(20)	120,508
FLORIDA WEAK SIGNAL SOCIETY	(6)	108,944
TEXAS DX SOCIETY	(3)	79,500
CAROLINA DX ASSOCIATION	(7)	77,888
FRANKFORD RADIO CLUB	(8)	71,747
ALABAMA CONTEST GROUP	(5)	46,678
PACIFIC NORTHWEST VHF SOCIETY	(22)	44,901
BADGER CONTESTERS	(3)	43,107
YANKEE CLIPPER CONTEST CLUB	(13)	32,433
GEORGIA CONTEST GROUP	(4)	31,614
NORTHERN LIGHTS RADIO SOCIETY	(5)	23,728
MT AIRY VHF RADIO CLUB	(5)	17,512
ARIZONA OUTLAWS CONTEST CLUB	(21)	14,759
DFW CONTEST GROUP	(4)	11,299
HUDSON VALLEY CONTESTERS AND DXERS	(4)	5,239

NORTHERN CALIFORNIA CONTEST CLUB	(7)	5,193
BERGEN ARA	(3)	2,124
SOUTHERN CALIFORNIA CONTEST CLUB	(6)	1,701
GRAND MESA CONTESTERS OF COLORADO	(3)	1,108

DX

ITALIAN CONTEST CLUB	(3)	103,279
THRACIAN ROSE CLUB	(6)	73,719
UKRAINIAN CONTEST CLUB	(17)	58,311
CONTEST CLUB SERBIA	(4)	57,568
CONTEST CLUB ONTARIO	(10)	28,333
EA CONTEST CLUB	(7)	27,655
BLACK SEA CONTEST CLUB	(3)	18,019
RADIO CLUB KVARNER RIJEKA	(5)	4,956
SIAM DX GROUP	(3)	4,760
CONTEST GROUP DU QUEBEC	(4)	1,641
CDR GROUP	(9)	1,582
SP DX CLUB	(3)	1,246
RIO DX GROUP	(3)	111

QRP category, IZ4DPV edged HA5KDQ by about 900 points for the top spot. UY5ON was third, followed by UY5UZ and IZ3NVR. The Hilltopper category was won by HA1ZH with HA2VR/p second and IZ2JNN/IN3 third.

The gang at Multi-op station HA6W (ops: HAØLC, HAØLO, HAØLZ, HAØMK, HA5OKU, HA6WX, HA6ZFA, HAØMP) made it four consecutive years of first place finishes. Second place goes to YU1BFG (ops: YU1AU, YU4DEY, YU8A), followed by 9AØV (ops: 9A7O, 9A2KK, 9A4RM, 9A3GIS, 9A7JRV, 9A1WM).

Normand, VA2NQ, was the highest scoring Rover entry outside of the U.S. The top rover outside of North America was E23JMF operated by E23JMF and HS3USK. They operated from 8 grids. E27DIX operated from 5 grids for a second-place finish in Thailand and third overall.

Club Competition

The club competition saw some big scores for both U.S. and DX clubs. Led by K1TO and N4BP, the Florida Contest Group (14 entries) posted the 4th highest club score to claim the U.S. club title with 383,919 points. The Potomac Valley Radio Club (38 entries) was second with 329,795 points (the 5th highest club score). The North East Weak Signal Group was third, the Society of Midwest Contesters fourth and the Florida Weak Signal Society fifth. On the DX side, the Italian Contest Club top the DX listing with 103,279 points. Second place goes to the Thracian Rose Club from Bulgaria. The

Ukrainian Contest Club was third, Contest Club Serbia fourth, and Contest Club Ontario fifth.

The Rest of the Story

There will be no major rule changes for the 2017 contest, which will be held on July 15th and 16th. There will be a minor tweak to the rules for Meteor Scatter operation only. In addition to the allowed posting of CQ, frequency and sequence, the attempted mode may now be sent. This will allow for more modes to be used and may encourage more to try MS. Please remember the CQ rules are different from those for the ARRL contests. Watch what you do in the chat rooms. The 2017 rules will be published in the May issue of *CQ* and will be on the website then.

If you operate in 2017, please send in a log. It's a relatively painless process and makes log checking more accurate. If you need help, just ask. In addition to the 906 entries, there were at least another 100-125 stations that were active that did not submit an entry. Checklogs are always appreciated if you don't want your log scored for some reason. More logs mean more accurate scoring.

Many thanks to JK; K9JK; and Curt, K9AKS, who do their best to keep me out of trouble. Champ, E21EIC, and Yuri, UT1IC, are instrumental in increasing activity and log submission from their respective countries. Hope to see you in the 2017 contest.

— 73, Steve

Number/letter groups after call letters denote the following:
Class (A = all band, 6 = 6 meters, 2 = 2 meters, Q = QRP,
Q* = QRP portable hilltopper, R = rover, M = multi-operator),
Final Score, Number of QSOs, Number of grid locators,
State/Province/USA (Canada only), Grid Locator or
Number of grids activated (rover only). Roverscores for USA
are listed separately. Scores in bold indicate certificate
winners. Scores in italic are disqualified.

2016 VHF RESULTS NORTH AMERICA

UNITED STATES

	WB2JAY	A	8,131	125	47	NY	FN30
N3RG	A	7,239	103	57	NJ	FM29	
WB2SJ	A	3,731	68	41	NJ	FM29	
N2BEG	A	3,318	69	42	NY	FN12	
N2EU	A	2,432	61	32	NJ	FN20	
W2BVH	A	2,002	58	26	NJ	FN20	
K2AMJ	A	1,960	57	28	NJ	FN20	
W2UDT	A	1,458	41	27	NJ	FN20	
WA3AFS	A	798	33	21	NY	FN32	
W2SN	A	425	19	17	NY	FN20	
W2VU	A	189	16	9	NJ	FN20	
KV2X	A	18	5	3	NY	FN13	
N2PKF	2	768	32	12	NY	FN30	
N2PP	6	17,372	202	86	NY	FN13	
K2XA	6	3,528	84	42	NY	FN32	
WB2LEB	6	3,230	85	38	NJ	FN20	
KC2HZW	6	2,520	72	35	NY	FN30	
WA2MCR	6	693	33	21	NY	FN31	
K2OE	6	437	23	19	NY	FN24	
N2SO	6	312	24	13	NY	FN31	
W2EG	6	220	22	10	NY	FN32	
W2GR	6	180	18	10	NY	FN03	
W2CVW	6	135	15	9	NJ	FN20	
W2YR	6	72	9	8	NJ	FN20	
A12N	6	49	7	7	NY	FN13	
K2VBY	6	2,310	52	42	NC	FM04	
K5OLP/P	6	1,740	51	30	GA	EM74	
WB4AWX	6	640	100	56	AL	EM74	
K5VIP	6	5,292	88	54	VA	FM16	
W4LTL	6	4,845	85	57	FL	EL88	
K7BV	6	2,310	52	42	NC	EM62	
K4FJW	6	6,480	103	54	VA	EM86	
WB4AXE	6	640	100	56	AL	EM64	
K5VLP	6	5,292	88	54	VA	FM16	
W4L4P	6	4,845	85	57	FL	EL88	
W4AMP	6	880	31	22	GA	EM73	
W2Y2E	6	817	40	19	VA	FM19	
WA2EMF	6	816	33	24	SC	EM94	
K4TFO	6	774	38	18	VA	FM18	
K4FSKY	6	620	30	20	NC	EM85	
KK4ZD	6	448	26	14	VA	FM07	
N3KN	6	234	18	13	VA	EM97	
N4HB	6	192	12	12	VA	FM17	
K4KMBT	6	126	12	9	KY	EM77	
NN4RB	6	88	10	8	VA	FM07	
AD4TJ	6	42	7	6	VA	FM08	
K4YCN	6	24	5	4	NC	EM95	
K4YBC	6	24	5	4	NC	EM95	
W4MW	6	68,448	412	124	NC	EM96	
K1TO	6	83,148	533	156	FL	EL87	
N4BP	6	80,514	567	142	FL	EL96	
KC4PX	6	60,852	461	132	FL	EL98	
N4TB	6	51,188	382	134	FL	EL97	
N4OX	6	36,112	296	122	FL	EM60	
KM4HI	6	34,384	307	112	FL	EL89	
WX4G	6	30,024	278	108	FL	EL87	
WB2REM	6	26,355	251	105	FL	EL97	
W4CH	6	20,188	206	98	FL	EL95	
N4PN	6	14,299	181	79	GA	EM82	
K4RW	6	10,921	163	67	SC	EM92	
N4OK	6	34,384	307	112	FL	EM60	
K5TR	6	72,360	470	134	TX	EM00	
AA5AM	6	6,272	101	56	TX	EM13	
N5AFY	6	4,836	102	57	OK	EM15	
K5ND	6	4,784	85	52	TX	EM12	
W7QQ	6	2,016	55	28	NM	DM75	
N5KWN	6	1,885	65	29	TX	EM20	
WB2FKO	6	1,769	46	29	NM	DM65	
K5XU	6	1,036	36	28	MS	EM42	
A5AJD	6	667	25	23	TX	EL09	
KC5KBN	6	252	15	14	TX	EL25	
KV5TX	6	117	11	9	TX	EM00	
AC5AA	6	60	9	6	TX	EM10	
N5JG	6	28	4	4	NC	EM55	
NZ5G	6	20	4	4	TX	EM10	
WA5LF	2	360	20	9	TX	EM12	
KC5MVZ	2	4	1	1	TX	DM93	
W5PR	6	71,280	528	135	TX	EL25	
N9BX	6	23,828	259	92	MS	EM50	
WD5K	6	20,655	243	85	TX	EM12	
W4DAS	6	1,768	52	34	FL	EL97	
WA2VYA	6	12,705	165	77	TX	EM10	
WA5DM	6	6,783	133	51	TX	EM12	
K5VWW	6	4,800	96	50	TX	EL29	
AJ4F	6	3,420	76	45	TX	EL29	

W05L	6	2,720	68	40	MS	EM50	K9NW	6	240	20	12	OH	EM79	C03VR	6	726	33	22	EL93	HS02CW	6	703	37	19	OK03		
W4WLF	6	989	43	23	MS	EM50	N8PPF	6	80	10	8	OH	EN80						HS5NMF	6	690	30	23	NK98			
NM5Z	6	858	39	22	MS	EM41	WB8WKQ	6	48	8	6	MI	EN82						E20V0D	6	240	16	15	NK99			
KD5J	6	741	39	19	AR	EM45	KC8UR	6	20	5	4	OH	EN80						HS8XKL/P	H	152	38	2	NJ98			
KE5LQ	6	270	18	15	TX	EL29	A8BFJ	Q	91	13	7	OH	EM79	TG9AJR	6	12	4	3	EK44	E23BS/P	H	120	15	4	NK93		
WA5KBH	6	210	15	14	LA	EM30	N8ZM	M	34,989	261	107	OH	EN80						E22RBV	Q	16	4	4	OK03			
NM5M	6	144	16	9	TX	EM13												HS1XC	M	9,386	247	19	OK03				
W5GZ	6	130	13	10	NM	DM52	K2DRH	A	78,540	462	140	IL	EN41	XE2X	6	25,270	266	95	Op: E20MDN	HS0AC	M	8,432	166	34	OK04		
K5KDX	6	110	11	10	AR	EM25	WB9HFK	A	1,479	48	29	IL	EN50						E27/GIG	M	8,064	192	21	OK04			
N5DTT	6	99	11	9	TX	EL29	N9DZ	A	1,392	44	29	WI	EN54	XE2NBW	6	8,493	149	57		DL95	E27AH	M	4,928	98	32	OK17	
W50M	6	54	9	6	TX	EM12	N2BZ	A	1,276	51	22	IL	EN61	XE1AO	6	5,194	106	49		DK89	E24EC	M	3,872	121	16	OK04	
W5KI	6	49	7	7	AR	EM36	N9GR	A	1,274	48	26	IL	EN40	XE1H	6	4,995	111	45		DL80	HS4LK/W	M	2,448	102	12	OK16	
KC7QY	6	36	6	6	NM	DM64	KO0Z	A	989	39	23	IL	EN59	XE2CO	6	4,674	114	41		DM12	HS4RWY	M	2,424	101	12	OK16	
NM5WB	6	35	7	5	NM	DM64	N9PV	A	80	9	8	IL	EN40	XE2HWB	6	4,550	91	50		DL44	E27AE	M	2,160	108	10	OK06	
KD9DDE	6	12	4	3	TX	EN55	WK9U	6	8,280	138	60	WI	EN65	XE2JS	6	4,510	110	41		DL68	E24NAU	M	500	25	10	OK16	
NV4B/5	H	1,200	42	24	MS	EM54	K09GKL	M	5,311	113	47	IL	EN59	XE2WH	6	4,464	93	48		DL92	E28AD	M	460	25	10	NK98	
WA5ZEK	Q	638	29	22	AR	EM35	WA9ASZ	M	1,715	49	35	IN	EM68	E3DXD	6	2,059	71	29		EK36	E28AC	M	450	30	15	OK04	
WA5BUC	Q	96	12	8	TX	EL29	WA9AV	M	957	33	29	WI	EN43	XE1USG	6	1,363	47	29		EK09	HS1IW/X	M	435	27	15	NK92	
K5OE	M	115,050	542	178	TX	EM31	WA9SE	M	943	41	23	IL	EN50	XE20	6	903	43	21		DL95	29A9J	M	407	22	11	OJ07	
AA5B	M	5,850	97	50	NM	DM64	K3WA	M	748	34	22	IL	EN50	XE2AA	6	792	33	24		DL81	HS3PK	M	392	28	7	OK15	
KC6ZWT	A	2,037	69	21	CA	CM98	K49CAR	M	273	21	13	IL	EN52	XE2BN	6	105	15	7		DL95	E20AE	M	282	25	6	NK96	
WA6ZTY	A	1,071	48	17	CA	CM98	WB9GX	M	273	21	13	IL	EN52	XE2ST	6	80	10	8		DM41	HS3LUY	M	216	19	6	NK98	
KG6ATZ	A	377	25	13	CA	CM87								Op: WA9LKZ	XE1XG	Q	64	8	8		DL80	HS5AM	M	84	9	7	NK98
KI6JJW	B	384	24	8	CA	CM87	K9CW	M	252	18	14	IL	EN50	NP3CW	A	90	12	6		FK68	E27AF	M	42	7	3	OK25	
AJ6T	G	1,632	68	24	CA	CM87	K09A	M	160	16	10	IL	EN52	XE2OK	M	960	40	24		DL95	E21IRC	M	28	7	2	NK93	
N6ORB	G	1,188	54	22	CA	CM87	N1J9R	M	70	10	7	IL	EN62						HS4ZQ	M	2	2	1	OK16			
N6ZFO	G	798	42	19	CA	CM89	W9NJM	M	70	10	7	IL	EN51						E23JMF/R	R	5,050	101	25	8			
N6QO	G	476	34	14	CA	DM03	K09EE	M	36	6	6	IL	EN50						E27DX/R	R	1,088	32	17	5			
K9YC	G	408	24	17	CA	CM87	WB9ZB	M	9	3	3	IL	EN69						HS8KF/R	R	672	48	7	4			
W6JBR	G	126	14	9	CA	DM13	WB9SZ	H	882	34	21	IL	EN50						HS3NR/R	R	156	14	6	2			
K0GP	G	88	11	8	CA	DM04	K2AKS	Q	8,742	115	62	IL	EN41						E27IZS/R	R	54	9	3	2			
KG6NA	G	70	14	5	CA	DM13	N9NBM	Q	120	12	10	WI	EN55														
KC6CSL	G	60	10	6	CA	CM97	KG9N	Q	1	1	1	IL	EN50	E8ABDM	A	140,904	617	228		IL18	TA2AD	A	48,222	331	141	KN51	
N2NS	G	36	6	6	CA	DM06	WB9VY	M	19,200	211	80	IL	EN60	E8AQV	6	14,065	145	97									
NG6C	G	15	5	3	CA	DM04	WB9VY	M	5,989	83	53	IL	EM57	E8ACNR	6	13,724	146	94									
NI6E	G	15	5	3	CA	DM13								NP3CW	A	90	12	6		E8ACW	6	1,776	48	37			
A16DO	G	6	3	2	CA	DM03	WB9OP	A	65,142	489	126	KS	EM19	E88CTK	6	594	27	22		IL18	9W2FOR	A	24	6	2	OJ03	
KG6GYN	Q	9,154	150	46	CA	DM12	N9URW	A	39,440	305	116	IA	EN41	E88BPX	Q	1,989	51	39		IL18	9W2JNF	2	312	26	6	OJ03	
WD6DX	O	16	4	4	CA	CM96	K0TPP	A	10,500	120	75	MO	EM48						9W2XIO	2	32	4	4	OJ05			
N6RPM	M	702	32	18	CA	DM04	AEOEE	A	589	30	19	MN	EN34						9W2KEY	2	24	6	2	OJ16			
W7FI	A	6,700	115	50	WA	CN87	K0V6G	A	240	17	12	MN	EN35	CT3KN	A	15,288	165	91		IM12							
N7EPD	A	5,180	105	37	WA	CN87	KODAS	A	231	17	11	IL	EN42						9W2ZAK	6	20	5	4	OJ11			
KD7UO	A	4,218	90	38	WA	CN97	N9AT	A	6	2	2	MN	EN34	CN8KD	6	42,470	310	137		IM63	9W2ZAKC	6	72	9	8	OJ05	
KE7GRO	A	1,242	56	18	AZ	DM43	K0SIX	M	21,520	269	80	MN	EN35	CN8YZ	6	3,243	69	47		IM63	9W4CHM	6	1	1	1	OJ05	
KE7SW	A	1,224	50	17	WA	CN87	K2DSW	M	7,072	136	52	IA	EN31						9W2ERD	H	120	12	5	OJ03			
W7RV	A	867	44	17	AZ	DM43	WA9CSL	M	6,407	149	43	ND	EN17						9W2PRO	Q	4	2	1	OJ03			
KG7P	A	780	39	15	WA	CN87	K0SR	M	5,700	114	50	MN	EN34						9W2TMI	Q	2	1	1	OJ16			
KG7GYI	A	588	39	14	AZ	DM43	WB9JW	M	4,370	95	46	IL	EN31						9W2GDB	Q	2	1	1	OJ16			
KD7H	A	495	38	11	WA	CN87	WB0MPB	M	3,652	83	44	KS	EM28	RD9UAE	2	40	10	2		9W2JE	Q	2	1	1	OJ05		
K7ND	A	390	20	13	WA	CN87	WB0ZF	M	1,080	40	27	MN	EN34	RK9UT	2	40	10	2		9W2XIZ	Q	2	1	1	OJ05		
KE0CO	A	270	21	9	WA	CN87	K0BJ	M	425	25	17	KS	DM99	UD9UQ	2	40	10	2		9W2KI	Q	2	1	1	OJ16		
KC7V	A	216	22	9	AZ	DM43	K0UA	M	322	23	14	MO	EM36	RK9UM	2	36	9	2		9W2AEC	Q	2	1	1	OJ16		
N7RK	A	210	25	7	AZ	DM33	AC0GQ	M	266	19	14	KS	EM17	RA9RUP	2	28	7	2									
KX7L	A	162	21	6	WA	CN87	K0GHY	M	63	9	7	NE	EN20	RA9RUF	2	16	8	1									
KG7K	A	68	12	4	WA	CN87	N1TWK	M	6,545	114	55	KS	EM28	RA9UQ	2	16	8	1									
WA7YAZ	A	224	16	14	UT	DN40	WB2SIH/R	M	5,250	77	50	2	DN40	RA9UW	2	16	8	1									
NO7R	A	224	28	8	AZ	DM42	WB9Y0Y	M	4,551	69	41	3	DN40	RA9VQ	2	12	6	1									
KF7BG	G	210	15	14	MT	DM47	WB1RGA	M	3,990	74	42	3	DN40	RA9VYQ	2	6	3	1									
KF6HI	G	143	13	11	AZ	DM33	KA7RRA/R	M	3,210	80	30	5	DN40	RA9VYQ	2	36	9	2									
N9NA	G	133	19	7	AZ	DM33	WB9HF/R	M	1,496	44	34	6	DN06	RA9VYQ	2	36	9	2									
K7KMR	G	126	14	9	AZ	DM33	K05IKG/R	M	1,144	32	26	6	DN40	RA9VYQ	2	2	2	1									
KE7TMM	G	70	14	5	AZ	DM43	N6GP/R	M	1,134	44	21	2	DN40	RA9VYQ	2	1	1	1									
KG7GDB	G	55	11	5	OR	EN83	WB3DJF	M	6,795	103	59	FN03	ON	RA9VYQ	2	104	11	8		PL03	RA9VYQ						

Exciting New Yaesu Field Gear

HF/50 MHz 100 W All Mode Transceiver

FT-891



Actual Size

An Innovative Multi-band, Multi-mode Transceiver within an Ultra Compact Body

- Rugged construction in a Compact Mobile Package (6.1" W x 2.0" H x 8.6" D)
- Stable 100 Watts of RF Power Output with efficient Dual Internal Fans
- Legendary Yaesu Receiver Performance
- Triple conversion receiver with a 1st IF frequency of 69.450 MHz
- 3 kHz Roofing Filter (equipped as standard)
- Detachable Front Panel permits convenient mounting and operation
- Large dot matrix LCD display with Rapid Spectrum Scope
- Enhanced Operating Features:
 - Large diameter Main Tuning Dial (1.6") with Torque adjustment
 - Pop-up Menus for quick and easy operation
 - Large Transmit/Receive indicator
 - Three Programmable Front Panel Function Keys
- Especially designed FC-50 External Antenna Tuner (option)

G0FPU		6	9	3	3	I092	HA1RJ	6	72	9	8	JN87	Z31WW	Q	900	36	25	KN01	UW2Q	2	520	20	13	KN77
G0CER		0	156	13	12	I082	HA2KSD	6	16	4	4	JN97							UR8GZ	2	494	19	13	Op: UR6QCS
EUROPEAN RUSSIA		K095		Op: RL3F		HA1ZH	H	6,125	87	49	JN86							U75TB	2	360	15	12	KN28	
R5DC		2	1,520	40	19	HA2VR/P	H	4,588	79	37	JN87	EER2AW	2	50	5	5	KN46	UT4OK	2	272	17	8	KN77	
RA6C		2	768	24	16	HA5KDQ	Q	24,621	191	87	JN97	ER2RM	6	9	3	3	KN46	UR7QDO	2	192	16	6	KN77	
RW6ACM		2	340	17	10	HA3HX	Q	1,218	42	29	JN86						US7GY	2	176	11	8	KN68		
UA6AH		2	320	16	10	HA6OA	Q	12	3	2	JN97						U66IKV	2	90	15	3	KN88		
RD3DS		2	240	15	8	HA6W	M	95,029	382	163	KN08	LA2AB	M	18	4	3	J059	UR7QDU	2	8	4	1	KN77	
UA2FT/6		2	176	11	8	HG6Z	M	8,424	117	36	JN97						UT4NF	2	8	2	2	KN49		
R7KM		6	15,840	176	90	KN64											UR7QDI	2	6	3	1	KN77		
R6KA		6	4,187	79	53	KN75	IRELAND		Op: HA5IW								UW1HM	6	12,782	154	83	KN69		
RN3DKO		0	72	6	6	K085	EI5IX	6	2,232	62	36	I053	SP7AWG	6	1,656	46	36	J091	US8ZAL	6	10,206	126	81	KN68
UA6AX		0	30	5	3	KN95							SQ2EEQ	6	1,184	37	32	J094	UR7DWW	6	7,875	105	75	(Op: U2ZDX)
FINLAND		ITALY		Op: SP6CES			IW2NOD	A	50,944	287	128	JN44	SP4AAZ	6	289	17	17	K003	UZ4I	6	7,350	105	70	KN87
OH1MN		A	372	17	12	KP10	I25HQB	A	1,700	41	34	JN53	SP9H2W	6	195	15	13	K000	UT3UA	6	7,072	104	68	Op: UZ6IZ
FRANCE		FRANCE		Op: KP0			IV3SKB	A	17,238	169	102	JN66	SP9CLO	6	144	12	12	K000	UW7LL/A	6	5,768	103	56	KN79
F4EPP		2	30	5	3	IN97	I28VGU	G	12,972	141	92	JN88	SP9CVY	6	100	10	10	JN99	UY5YZ	6	5,332	86	62	KN56
FSDD		6	5,612	92	61	JN23	I25IFN	G	6,565	101	65	JN53	SP7ICE	6	81	9	9	J091	UX4UA	6	5,307	87	61	K058
F6CZPV		6	165	15	11	JN77	I25PSA	G	2,880	60	48	JN53	SP4PW	6	72	9	8	J093	UV1S	6	4,898	79	62	KN28
FI1WH		6	100	10	10	IN94	I4JEE	G	1,927	47	41	JN54	SP2HHX	6	49	7	7	J094	UR5FA	6	4,845	85	57	KN56
F6FTB/P		H	1,457	47	31	JN14	I22GRG	G	648	27	24	JN45	SO9C	6	49	7	7	J093	UX1UA	6	4,028	76	53	K050
F0FEK		Q	360	18	10	JN19	I24AFW	G	100	10	10	JN54						UT3FW	6	2,914	62	47	KN45	
F4GFT		Q	64	8	8	JN18	I2JINN/IN3	H	1,484	53	14	JN55	SP1MVG	6	16	4	4	J074	UT4XU	6	2,709	63	43	Op: UZ9CNN
GERMANY		GERMANY		Op: SO9CNN			I24DPV	O	25,530	230	111	JN64	SQ1FYB	6	16	4	4	J073	US5V7	6	3,650	73	50	KN58
DL20M		A	39,345	233	129	J030	I23NVR	O	2,714	55	46	JN65	SN2C	6	1	1	1	J093	US8UA	6	2,000	50	40	KN59
DL1DBR		2	126	9	7	J041	I2K60N	O	440	22	20	JN62						UW6SM	6	1,530	45	34	KN28	
DL9FB		2	56	7	4	J051	I2K8YFW	O	49	7	7	JN70	SP7VTQ	Q	168	14	12	K000	UT5UN	6	975	39	25	Op: SO2LYF
DK20Y		6	2,580	60	43	J044	UA2FL	O	8	2	2	K004	CR5A	6	19,992	204	98	KM08	UT5UA	6	588	28	21	KN88
DF7AT		6	25	5	5	J042												UT5VZ	6	150	15	10	K050	
DL9NEI		6	16	4	4	JN58												UR3MP	6	143	13	11	KN98	
DJ2RG		Q	567	27	21	J052												UX0KR	6	99	11	9	K030	
GREECE		LATVIA		Op: CT1FFU			YL2AO	G	572	26	22	K016						UR5WA	6	36	6	6	KN29	
SV1NZX		6	25,740	220	117	KM17	YL2MU	G	195	15	13	K016	Y02BCZ	A	7,257	85	59	KN05	UX2IB	6	32	8	4	KN87
SV1NJK		6	36	6	6	KM18	YL2CP	G	168	14	12	K027	Y05DAS	A	2,378	47	41	KN17	UR7VA	6	30	6	5	KN68
HUNGARY		LITHUANIA		Op: KM08			YL3GAZ	G	64	8	8	K006	Y07BPC	A	920	29	23	KN24	USSUES	H	180	10	9	KN59
HA8XI		A	9,776	109	52	JN96	LY2FN	2	162	9	9	K014	Y02GL	A	456	23	19	KN05	UY5ON	0	7,232	85	64	KN89
HG3X		2	28,320	240	59	JN96	LY2B8F	2	70	7	5	K024	Y03JW	2	408	17	12	KN35	UY5UZ	0	5,332	86	62	KN59
HA5JX		2	8	2	2	JN97	LY1R	G	2,952	72	41	K014	Y03CBZ	2	288	16	9	KN34	UY2UR	0	1,734	51	34	K050
HA5UA		6	2,700	60	45	JN97	LY7Z	G	540	27	20	K015	Y04ASV	2	160	10	8	KN44	UT5UU	0	1,525	43	25	Op: K050
HA7LW		6	858	33	26	JN97	LY5G	O	352	18	16	K005	Y04FZX	6	8,844	132	67	KN45	UT4EK	0	1,302	31	21	KN67
HUNGARY		ROMANIA		Op: KM08														UT4UEI	0	1,173	37	23	Op: K050	
HUNGARY		ROMANIA		Op: KM08														U3XHA	0	858	33	26	KN69	
HUNGARY		ROMANIA		Op: KM08														UT2EL	6	806	31	26	KN05	
HUNGARY		ROMANIA		Op: KM08														UT4PR	0	225	15	15	K021	
HUNGARY		ROMANIA		Op: KM08														UT3LL	Q	216	12	9	K080	

SPURIOUS SIGNALS

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