

# Results of the 2016 CQWW VHF Contest

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**W**hat 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

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 HA5KDDQ'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, WQØP (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.

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



*Here's ACØRA'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,

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

EA8DBM.....	616
N4BP.....	567
K1TO.....	533
W5PR.....	528
KC4PX.....	461
WQØP.....	461
K5QE.....	432
ISØBSR.....	429
K5TR.....	400
N4TB.....	382
K2DRH.....	363
K8GP.....	351
E7TT.....	326
TA2AD.....	320
K1TEO.....	313

### 2-Meter QSOs

HS1AXC.....	247
HG3X.....	240
S56P.....	209
HA6W.....	201
K8GP.....	197
E27GIG.....	192
9AØV.....	190
9A9R.....	187
K2LIM.....	148
K1TEO.....	141
W4MW.....	140
W3SO.....	122
E24SEC.....	121
HG6Z.....	117
IW2NOD.....	111

### 6-Meter Grids

EA8DBM.....	227
ISØBSR.....	181
E7TT.....	158
K1TO.....	156
N4BP.....	142
W5PR.....	135
N4TB.....	134
TA2AD.....	133
KC4PX.....	132
IT9DSZ.....	132
LZ2HM.....	132
YU1BFG.....	132
LZ1YE.....	122
N4OX.....	122
K5QE.....	122

### 2-Meter Grids

EO25F.....	64
HG3X.....	59
HA6W.....	58
K5QE.....	55
K8GP.....	53
K9ILT/R.....	52
S56P.....	52
W3SO.....	48
K2LIM.....	46
9AØV.....	46
9A9R.....	42
N2SLN/R.....	41
K1TEO.....	40
N8ZM.....	37
HG6Z.....	36

## TOP SCORES

### WORLD

<b>All Band</b>	F6FTB/P.....	1,457
EA8DBM.....	PY2LCD.....	200
9A9R.....		
IW2NOD.....		
TA2AD.....		
DL2OM.....		

### QRP

Z4DPV.....	25,530
HA5KDQ.....	24,621
UY5ON.....	7,232
UY5UZ.....	5,332
IZ3NVR.....	2,714

### 6 Meters

ISØBSR.....	77,649
E7TT.....	51,508
LZ9V.....	35,032
LZ2HM.....	30,624
LZ1YE.....	26,962

### Rover

VA2NQ/R.....	11,289
E23JMF/R.....	5,050
E27DIX/R.....	1,088
HS8KF/R.....	672
VE7AFZ/R.....	512

### 2 Meters

HG3X.....	28,320
S56P.....	21,736
EO25F.....	11,008
9A9I.....	6,104
US4IEK.....	2,646

### Multi-Op

HA6W.....	95,029
YU1BFG.....	53,400
9AØV.....	17,480
J48KEF.....	13,363
UT7E.....	11,753

### Hilltopper

HA1ZH.....	6,125
HA2VR/P.....	4,588
IZ2JNN/IN3.....	1,484

## USA

<b>All Band</b>	NØJK.....	1,736
K1TEO.....	W1QK.....	1,633
K2DRH.....	NV4B/5.....	1,200
K5TR.....		
WQØP.....		
N2NT.....		

### QRP

K3TW.....	12,996
KG6IYN.....	9,154
W4CLJ.....	8,946
K9AKS.....	8,742
N7IR.....	1,349

### 6 Meters

K1TO.....	83,148
N4BP.....	80,514
W5PR.....	71,280
KC4PX.....	60,852
N4TB.....	51,188

### Rover

ACØRA/R.....	32,125
K9ILT/R.....	30,734
N2SLN/R.....	21,735
K9JK/R.....	10,981
KF2MR/R.....	8,384

### 2 Meters

N2FKF.....	768
K16JJW.....	384
WA5LFD.....	360
KE7QPV.....	8
KC5MVZ.....	4

### Multi-Op

K8GP.....	120,690
K5QE.....	115,050
K2LIM.....	91,605
W3SO.....	76,708
W4MW.....	68,448

### Hilltopper

K4SME.....	15,600
N2CEI.....	2,052

## GRID LEADERS BY BAND

### WORLD

<b>Single Op</b>	<b>Multi Op</b>	
<b>50 MHz</b>	<b>50 MHz</b>	
EA8DBM.....	YU1BFG.....	132
ISØBSR.....	HA6W.....	105
E7TT.....	J48KEF.....	80
TA2AD.....	UT7E.....	54
IT9DSZ.....	VE3SMA.....	44

### 144 MHz

EO25F.....	86
HG3X.....	59
S56P.....	52
9A9R.....	42
DL2OM.....	34
HA6W.....	58
9AØV.....	46
HG6Z.....	36
YR8D.....	31
VE3SMA.....	21

## USA

<b>Single Op</b>	<b>144 MHz</b>	
<b>50 MHz</b>	<b>50 MHz</b>	
K1TO.....	K5QE.....	55
N4BP.....	K8GP.....	53
W5PR.....	W3SO.....	48
N4TB.....	K2LIM.....	46
KC4PX.....	N8ZM.....	37

### 144 MHz

K1TEO.....	40
K2DRH.....	35
N2NT.....	31
KB8U.....	28
K1OR.....	24
ACØRA/R.....	95
K9ILT/R.....	75
N2SLN/R.....	64
K9JK/R.....	53
N1WK/R.....	52

### Multi Op

<b>50 MHz</b>	<b>144 MHz</b>	
K5QE.....	K9ILT/R.....	52
K8GP.....	N2SLN/R.....	41
K2LIM.....	ACØRA/R.....	30
W3SO.....	N9GH/R.....	29
W4MW.....	K9JK/R.....	26

## QSO LEADERS BY BAND

### WORLD

<b>Single Op</b>	<b>Multi Op</b>	
<b>50 MHz</b>	<b>50 MHz</b>	
EA8DBM.....	YU1BFG.....	238
ISØBSR.....	HA6W.....	181
E7TT.....	J48KEF.....	153
TA2AD.....	UT7E.....	99
LZ9V.....	HSØAC.....	84

### 144 MHz

HG3X.....	240
S56P.....	209
9A9R.....	187
IW2NOD.....	111
9A9I.....	109
HA6W.....	201
9AØV.....	190
HG6Z.....	117
HSØAC.....	82
YU1BFG.....	59

## USA

<b>Single Op</b>	<b>144 MHz</b>	
<b>50 MHz</b>	<b>50 MHz</b>	
N4BP.....	K8GP.....	197
K1TO.....	K2LIM.....	148
W5PR.....	W4MW.....	140
WQØP.....	W3SO.....	122
KC4PX.....	K5QE.....	109

### 144 MHz

K1TEO.....	141
K2DRH.....	99
N2NT.....	92
K1OR.....	77
KB8U.....	50
ACØRA/R.....	171
N1WK/R.....	109
K9ILT/R.....	96
N2SLN/R.....	87
K9JK/R.....	71

### Multi Op

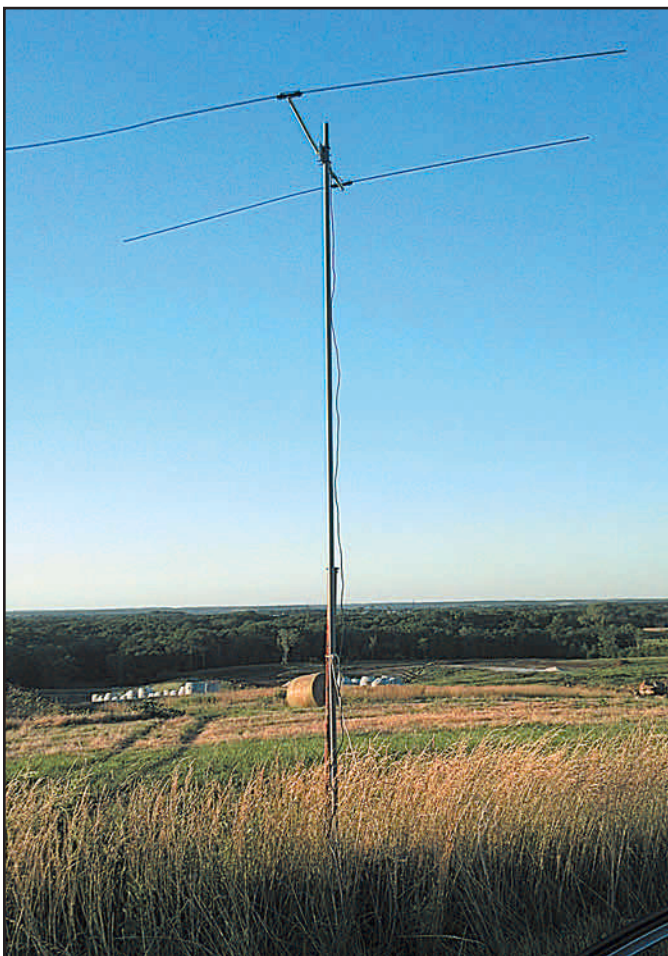
<b>50 MHz</b>	<b>144 MHz</b>	
K5QE.....	K9ILT/R.....	73
K8GP.....	N2SLN/R.....	60
K2LIM.....	ACØRA/R.....	43
W4MW.....	W9YOY/R.....	42
W3SO.....	N9GH/R.....	39

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: HA0LC, HA0LO, HA0LZ, HA0MK, HA5OKU, HA6WX, HA6ZFA, HA0MP) made it four consecutive years of first place finishes. Second place goes to YU1BFG (ops: YU1AU, YU4DEY, YU8A), followed by 9A0V (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 4<sup>th</sup> 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 5<sup>th</sup> 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 15<sup>th</sup> and 16<sup>th</sup>. 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, B = 6 meters, 2 = 2 meters, Q = ORP, Q\* = ORP 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). Rover scores for USA are listed separately. Scores in bold indicate certificate winners. Score in *italic* are disqualified.

### 2016 VHF RESULTS NORTH AMERICA

UNITED STATES														
K1TEO	A	80,920	454	136	CT	FN31	WB2JAY	A	8,131	125	47	NY	FN30	
K1TOR	A	37,323	300	99	NH	FN42	N3RG	A	7,239	103	57	NJ	FM29	
AF1T	A	22,344	227	76	NH	FN43	W2SJ	A	7,731	68	41	NJ	FM29	
W1AN	A	16,770	200	78	CT	FN41	N2BEG	A	3,318	69	42	NY	FN12	
N1JEE	A	12,354	138	71	VT	FN44	NE2U	A	2,432	61	32	NJ	FN20	
N1JD	A	12,210	156	66	ME	FN44	WB2VH	A	2,002	58	26	NJ	FN20	
K1TR	A	7,830	137	45	NH	FN42	K2AMI	A	1,960	57	28	NJ	FN20	
WA1Z	A	6,864	121	52	NH	FN42	W2LDT	A	1,458	41	27	NJ	FN20	
KT1R	A	4,235	71	55	ME	FN54	WA3AFS	A	798	33	21	NY	FN32	
W1AIM	A	3,784	61	44	VT	FN34	W2SN	A	425	19	17	NY	FN20	
N1API	A	3,432	72	39	CT	FN31	W2VU	A	189	16	9	NJ	FN20	
W1BS	A	3,010	66	43	MA	FN32	K2X	A	18	5	3	NY	FN13	
W1FKF	A	2,405	49	37	MA	FN42	N2FKF	2	768	32	12	NY	FN30	
W1DYJ	A	2,211	59	33	MA	FN42	N2PP	6	17,372	202	86	NY	FN30	
K2KA	A	1,872	63	26	MA	FN42	K2XA	6	3,528	84	42	NY	FN32	
N2II	A	1,519	44	31	CT	FN41	WB2LEB	6	3,230	85	38	NJ	FN20	
K1KA	A	1,440	55	20	NH	FN42	K2HZW	6	2,520	72	35	NY	FN30	
W1OUJ	A	1,200	39	25	MA	FN42	WA2MCR	6	693	33	21	NY	FN31	
A11O	A	1,056	39	22	CT	FN31	K2EQD	6	437	23	19	NY	FN24	
K1ZK	A	864	43	18	MA	FN42	N2SO	6	312	24	13	NY	FN32	
A1AR	A	544	26	17	VT	FN34	W2EG	6	220	22	10	NY	FN32	
NSWVR	A	494	25	19	MA	FN32	W2GR	6	180	18	10	NY	FN30	
N1GN	A	400	24	16	NH	FN43	W2CVW	6	135	15	9	NJ	FN20	
N1GJ	A	60	7	6	MA	FN41	W2YR	6	72	9	8	NJ	FN20	
K1IED	6	26,312	299	88	CT	FN31	A12N	6	49	7	6	NY	FN13	
W3EP	6	25,024	272	92	CT	FN31	N2NKK	6	42	7	6	NY	FN22	
NK1K	6	14,089	193	73	MA	FN42	K2ZC	6	36	6	6	NJ	FN20	
N2GZ	6	2,166	57	38	CT	FN31	KB2SDF	6	9	3	3	NJ	FN20	
K1GQ	6	1,700	50	34	NH	FN43	W2JEK	Q	128	15	8	NJ	FN20	
NE1B	6	1,403	61	23	NH	FN43	AC2RJ	Q	12	3	2	NY	FN31	
K5ZD	6	1,152	48	24	MA	FN42	K2LIM	M	91,605	443	155	NY	FN12	
KA1R	6	846	47	18	MA	FN42	K2ZD	M	16,376	178	92	NY	FN21	
KA1EKR	6	735	35	21	MA	FN42	K3ZO	A	22,352	238	88	MD	FM18	
KA1URP	6	384	32	12	MA	FN32	W3EKT	A	9,853	150	59	MD	FM19	
N2AN	6	330	30	11	MA	FN42	K3MD	A	8,164	125	52	PA	FN19	
W1FJ	6	300	25	12	MA	FN42	WA2FGK	A	6,517	116	49	PA	FN21	
K1CSP	6	208	16	13	CT	FN41	Op: K2LNS							
K1PDY	6	168	14	12	NH	FN43	K3UHU	A	5,720	94	52	DE	FM28	
AG1A	6	80	10	8	MA	FN42	N3XF	A	5,300	93	53	PA	FN00	
K2IO	6	72	12	6	NH	FN42	K3SX	A	3,720	79	40	MD	FM19	
K3IU	6	15	5	3	RI	FN41	W53C	A	3,276	68	39	PA	FM19	
N1FZO	6	4	2	2	MA	FN42	K3HED	A	3,124	63	44	DE	FM29	
W1QK	H	1,633	71	23	CT	FN31	K3CCR	A	2,944	72	32	MD	FM18	
NG1R	H	182	13	7	CT	FN31	Op: K3UM							
N1PRW	H	14	5	2	MA	FN42	K3TUF	A	2,108	58	31	PA	FN10	
KD2BGM	H	6	3	2	MA	FN43	N3MWQ	A	1,680	40	30	DE	FM29	
KB1JDX	H	2	2	1	CT	FN44	K3YDX	A	1,512	55	24	MD	FM19	
N1AIA	Q	567	25	21	ME	FN43	KD3HN	A	1,458	44	27	PA	FM19	
K1SX	Q	320	20	16	MA	FN41	W3KM	A	1,170	37	26	PA	FN20	
W1FM	M	1,482	57	26	MA	FN42	N03J	A	775	29	25	PA	FN10	
N2NT	A	51,488	367	112	NJ	FN20	AF3I	A	726	32	22	PA	FN10	
N2SLO	A	9,976	123	58	NY	FN30	NG3W	A	351	16	13	PA	FN01	

WA3AFS	A	798	33	21	NY	FN32	W3RFP	M	8,262	132	54	MD	FM19
W2SN	A	425	19	17	NY	FN20	K3AJ	M	1,740	58	30	MD	FM19
W2VU	A	189	16	9	NJ	FN20	K4MM	A	37,638	300	123	FL	EL97
K2X	A	18	5	3	NY	FN13	N4TWX	A	30,316	274	106	FL	EL89
N2FKF	2	768	32	12	NY	FN30	WA4GPM	A	24,780	225	105	FL	EM90
N2PP	6	17,372	202	86	NY	FN30	N3HK	A	22,506	209	93	VA	FM27
K2XA	6	3,528	84	42	NY	FN32	N4WV	A	21,070	215	98	FL	EL98
WB2LEB	6	3,230	85	38	NJ	FN20	K1HTV	A	14,016	175	73	VA	FM18
K2HZW	6	2,520	72	35	NY	FN30	KK4MA	A	9,636	129	73	SC	EM92
WA2MCR	6	693	33	21	NY	FN31	NG4C	A	8,442	116	67	NC	FM16
K2EQD	6	437	23	19	NY	FN24	K4FJW	A	6,480	103	54	VA	EM86
N2SO	6	312	24	13	NY	FN32	W4AMP	A	880	31	22	GA	EM73
W2EG	6	220	22	10	NY	FN32	W2Y2E	A	817	40	19	VA	FM19
W2GR	6	180	18	10	NY	FN30	W4ZEMF	A	816	33	24	SC	EM94
W2CVW	6	135	15	9	NJ	FN20	K4FTO	A	774	38	18	VA	FM18
W2YR	6	72	9	8	NJ	FN20	KF4SKY	A	620	30	20	NC	EM85
A12N	6	49	7	6	NY	FN13	KK4ZDK	A	448	26	14	VA	FM07
N2NKK	6	42	7	6	NY	FN22	N3KN	A	234	18	13	VA	EM97
K2ZC	6	36	6	6	NJ	FN20	N4HB	A	192	12	12	VA	FM17
KB2SDF	6	9	3	3	NJ	FN20	KK4MBT	A	126	12	9	KY	EM77
W2JEK	Q	128	15	8	NJ	FN20	NN4RB	A	88	10	8	VA	FM07
AC2RJ	Q	12	3	2	NY	FN31	AD4TJ	A	42	7	6	VA	FM08
K2LIM	M	91,605	443	155	NY	FN12	K8VC	A	24	5	4	NC	EM95
K2ZD	M	16,376	178	92	NY	FN21	K1TO	6	83,148	533	156	FL	EL87
K3ZO	A	22,352	238	88	MD	FM18	N4BP	6	80,514	567	142	FL	EL96
W3EKT	A	9,853	150	59	MD	FM19	KC4PX	6	60,852	461	132	FL	EL98
K3MD	A	8,164	125	52	PA	FN19	N4TB	6	51,188	382	134	FL	EL97
WA2FGK	A	6,517	116	49	PA	FN21	N4OX	6	36,112	296	122	FL	EM60
Op: K2LNS							KM4H	6	34,384	307	112	FL	EL89
K3UHU	A	5,720	94	52	DE	FM28	K4G4	6	30,024	278	108	FL	EL87
N3XF	A	5,300	93	53	PA	FN00	WB2REM	6	26,355	251	105	FL	EL97
K3SX	A	3,720	79	40	MD	FM19	W04H	6	20,188	206	98	FL	EL95
W53C	A	3,276	68	39	PA	FM19	N4PN	6	14,299	181	79	GA	EM82
K3HED	A	3,124	63	44	DE	FM29	K4RW	6	10,921	163	67	SC	EM92
K3CCR	A	2,944	72	32	MD	FM18	W04O	6	10,472	136	77	FL	EL98
Op: K3UM							W0PV	6	10,138	137	74	FL	EL87
K3TUF	A	2,108	58	31	PA	FN10	WW447	6	9,782	146	67	GA	EM73
N3MWQ	A	1,680	40	30	DE	FM29	K4WI	6	8,978	134	67	AL	EM62
K3YDX	A	1,512	55	24	MD	FM19	KUBE	6	7,125	125	57	VA	EM72
KD3HN	A	1,458	44	27	PA	FM19	K4ZW	6	6,350	127	50	VA	FM18
W3KM	A	1,170	37	26	PA	FN20	K5EK	6	5,432	97	56	NC	FM03
N03J	A	775	29	25	PA	FN10	K4BAI	6	4,576	88	52	GA	EM72
AF3I	A	726	32	22	PA	FN10	KM4Y	6	4,488	88	51	FL	EM70
NG3W	A	351	16	13	PA	FN01	W4HLR	6	2,664	72	37	TN	EM56
N3EMF	A	336	18	16	PA	FN01	W4EE	6	2,226	53	42	FL	EL98
K3ISH	A	304	17	16	PA	FN21	N17R	6	2,200	55	40	FL	EL88
N3ALN	A	300	24	12	MD	FM19	N4MM	6	2,100	70	30	VA	FM09
K3AKSP													



# 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)

G0FFU	6	9	3	3	I092
G0CER	Q	156	13	12	I082
<b>EUROPEAN RUSSIA</b>					
R5DC	2	1,520	40	19	K095
<b>RUSSIA</b>					
RA6C	2	768	24	16	KN94
RW6ACM	2	340	17	10	KN84
UA6AH	2	320	16	10	KN94
RD3DS	2	240	15	8	K084
UA2F1/6	2	176	11	8	KN95
R7KM	6	15,840	176	90	KN64
R6KA	6	4,187	79	53	KN75
RN3DKQ	Q	72	6	6	K085
UA6AX	Q	30	5	3	KN95

HA1RJ	6	72	9	8	JN87
HA2KSD	6	16	4	4	JN97
HA1ZH	H	6,125	87	49	JN86
HA2VR/P	H	4,588	79	37	JN87
HA5KDD	Q	24,621	191	87	JN97
<b>HA5IW</b>					
HA3HX	Q	1,218	42	29	JN86
HA60A	Q	12	3	2	JN97
HA6W	M	95,029	382	163	KN08
H6GZ	M	8,424	117	36	JN97

<b>IRELAND</b>					
EI5IX	6	2,232	62	36	I053

<b>ITALY</b>					
IW2NDD	A	50,944	287	128	JN44
IZ5HOB	A	1,700	41	34	JN53
IV3SKB	6	17,238	169	102	JN66
IW3WGU	6	12,972	141	92	JM88
IZ5IIN	6	6,565	101	65	JN53
IZ5FSA	6	2,880	60	48	JN53
I4JEE	6	1,927	47	41	JN54
IZ2GRG	6	648	27	24	JN45
I44AFW	6	100	10	10	JN54
IZ2JIN/IN3	H	1,484	53	14	JN55
IZ4DPV	Q	25,530	230	111	JN64
IZ3NVR	Q	2,714	55	46	JN65
IK6QON	Q	440	22	20	JN62
IK8YFW	Q	49	7	7	JN70

<b>KALININGRAD</b>					
UA2FL	Q	8	2	2	K004

<b>LATVIA</b>					
YL2AO	6	572	26	22	K016
YL2MU	6	195	15	13	K016
YL2CP	6	168	14	12	K027
YL3GAZ	6	64	8	8	K006

<b>LITHUANIA</b>					
LY2FB	2	162	9	9	K014
LY2BFN	2	70	7	5	K024
LY1R	6	2,952	72	41	K014
LY7Z	6	540	27	20	K015
LY5G	Q	352	18	16	K005

<b>MACEDONIA</b>					
Z31WW	Q	900	36	25	KN01

<b>MOLDOVA</b>					
EER2AW	2	50	5	5	KN46
ER2RM	6	9	3	3	KN46

<b>NORWAY</b>					
LA2AB	M	18	4	3	J059

<b>POLAND</b>					
SP7AWG	6	1,656	46	36	J091
SQ2EEQ	6	1,184	37	32	J094
SP3CMX	6	594	27	22	J072
SN6A	6	552	24	23	J071

<b>SP6CES</b>					
SP4AAZ	6	289	17	17	K003
SP9HZW	6	195	15	13	K000
SP9CLO	6	144	12	12	K000
SP9CVY	6	100	10	10	JN99
SP7ICE	6	81	9	9	J091
SP4W	6	72	9	8	J093
SP2HHX	6	49	7	7	J094
SO9C	6	49	7	7	J090

<b>SP9CIN</b>					
SP1MVG	6	16	4	4	J074
SQ1FYB	6	16	4	4	J073
SN2C	6	1	1	1	J093
<b>SQ2LYF</b>					
SP7VTQ	Q	168	14	12	K000
J48KEF	M	13,363	157	83	KM08

<b>PORTUGAL</b>					
CR5A	6	19,992	204	98	IM59

<b>ROMANIA</b>					
Y02BCT	A	7,257	85	59	KN05
Y05DAS	A	2,378	47	41	KN17
Y07BPC	A	920	29	23	KN24
Y02GL	A	456	23	19	KN05
Y03JW	2	408	17	12	KN35
Y03CBZ	2	288	16	9	KN34
Y04ASV	2	160	10	8	KN44
Y04FZC	6	8,844	132	67	KN45
Y06BHN	6	4,760	85	56	KN25
Y06FNA	6	3,315	65	51	KN36
Y02LEL	6	806	31	26	KN05
Y09CB	6	744	31	24	KN34
Y03GNF	6	255	17	15	KN34
Y08SAO	6	49	7	7	KN36
Y07AWZ	6	42	7	6	KN14
Y09IAB	6	36	6	6	KN25
Y09BXE	6	25	5	5	KN24
YR8D	M	2,604	42	31	KN27
YP8VS	M	132	11	6	KN36

<b>CT1FFU</b>					
Y02BCT	A	7,257	85	59	KN05
Y05DAS	A	2,378	47	41	KN17
Y07BPC	A	920	29	23	KN24
Y02GL	A	456	23	19	KN05
Y03JW	2	408	17	12	KN35
Y03CBZ	2	288	16	9	KN34
Y04ASV	2	160	10	8	KN44
Y04FZC	6	8,844	132	67	KN45
Y06BHN	6	4,760	85	56	KN25
Y06FNA	6	3,315	65	51	KN36
Y02LEL	6	806	31	26	KN05
Y09CB	6	744	31	24	KN34
Y03GNF	6	255	17	15	KN34
Y08SAO	6	49	7	7	KN36
Y07AWZ	6	42	7	6	KN14
Y09IAB	6	36	6	6	KN25
Y09BXE	6	25	5	5	KN24
YR8D	M	2,604	42	31	KN27
YP8VS	M	132	11	6	KN36

<b>SARDINIA</b>					
IS0BSR	6	77,649	429	181	JN40

<b>SICILY</b>					
IT9DSZ	6	26,004	197	132	JM68
IT9BCB	6	18,270	174	105	JM67
IT9CKA	6	2,420	155	44	JN68

<b>SLOVENIA</b>					
S56P	2	21,736	209	52	JN76
S59A	6	20,680	188	110	JN76
S58P	6	4,959	87	57	JN76

<b>SPAIN</b>					
EA3AYQ	6	9,990	135	74	JN11
EA1HRR	6	9,316	137	68	IN83
EB5CS/P	6	5,723	97	59	JM09
EA5DQ	6	4,992	96	52	IM98
EA4TR	6	4,947	97	51	IN80
EA4AA	6	3,864	84	46	IN80
EA1BFZ	6	3,651	67	53	IN81
EA7AAF	6	2,478	59	42	IM77
EASEX	6	2,014	53	38	IM98
EA1AF	6	25	5	5	IN71
EAMCU	Q	294	21	14	IN80
EA4AA	Q	221	17	13	IN80
EA1TC	Q	81	9	9	IN70

<b>SWEDEN</b>					
SK7K	M	56	8	7	J065

<b>UKRAINE</b>					
UY1HY	A	25,359	207	107	K060
UT7OF	A	19,303	176	97	KN77
UR5UI	A	8,509	103	67	KN59
UT5EL/A	A	8,307	104	71	K031
UY7ON	A	7,820	93	68	KN77
UV6I	A	5,883	101	37	KN87
UR3GS	A	3,738	54	42	KN66
UTBLE	A	2,310	42	35	KN79
UT1XX	A	1,887	51	37	K040
UT4UW/P	A	1,824	42	32	KN45
UY5QZ	A	1,395	41	31	KN77
UY500	A	816	30	24	KN77
UY9VY	A	748	22	17	KN68
UX20L	A	625	25	25	KN87
UT2II	A	594	27	22	KN88
UX00	A	594	27	22	KN87
UZ5ZV	A	570	22	19	KN56
UE25F	2	11,008	86	64	KN45
<b>UX0FF</b>					
US4IEK	2	2,646	49	27	KN87
UR5LX	2	1,564	34	23	K070
UT2UB	2	1,400	35	20	K050
UR4UBI	2	1,080	27	20	KN59
USSIUU	2	624	24	13	KN88
UR8QE	2	550	25	11	KN77
UY0LL	2	540	18	15	KN79

UW2Q	2	520	20	13	KN77
UR6GZ	2	494	19	13	Op: UR60S
US7SB	2	360	15	12	KN66
UT40K	2	272	17	8	KN77
UR7DDQ	2	192	16	6	KN77
US7GY	2	176	11	8	KN66
US6IKV	2	90	15	3	KN88
UR7QDU	2	8	4	1	KN77
UT4NF	2	8	2	2	KN49
UR7QDI	2	6	3	1	KN77
UW1HM	6	12,782	154	83	KN69
US8ZAL	6	10,206	126	81	KN66
UR7DWW	6	7,875	105	75	KN18
<b>(Op: UZ5DX)</b>					
UZ4I	6	7,350	105	70	KN87
<b>Op: UX6IZ</b>					
UT3UA	6	7,072	104	68	K050
UW7LL/A	6	5,768	103	56	KN79
UY5YZ	6	5,332	86	62	KN50
UX4UA	6	5,307	87	61	K050
UJ1AS	6	4,898	79	62	KN28
UR5FA	6	4,845	85	57	KN56
UX1UA	6	4,028	76	53	K050
US7VF	6	3,650	73	50	KN58
UT3FW	6	2,914	62	47	KN45
UX5U	6	2,709	63	43	K050
UT4XU	6	2,640	60	44	K040
USSWE	6	2,310	55	42	KN29
US8UA	6	2,000	50	40	KN59
UW8SM	6	1,530	45	34	KN28
UT5UN	6	975	39	25	K050
USTIA	6	588	28	21	KN88
UT9UZ	6	150	15	10	K050
UR3MP	6	143	13	11	KN98
UX0KR	6	99	11	9	K030
UR5WA	6	36	6	6	KN29
UX2IB	6	32	8	4	KN87
UR7VA	6	30	6	5	KN68
USSUES	H	180	10	9	KN59
UY5ON	Q	7,232	85	64	KN89
UY5UZ	Q	5,332	86	62	KN59
UY2UR	Q	1,734	51	34	K050
UY2UUV	Q	1,525	43	25	K050
UT4EK	Q	1,302	31	21	KN67
UT0UEI	Q	1,173	37	23	K050
UX3HA	Q	858	33	26	KN69
UT4PR	Q	225	15	15	K021
UT3LL	Q	216	12	9	K080
US8YA	Q	204	17	12	KN38
UT4UFZ	Q	165	15	11	K050
UR5EIT	Q	110	11	10	KN78
UR5LCZ	Q	100	10	10	KN89
UW5EHX/P	Q	88	11	4	KN77
UX7UW	Q	42	7	6	K050
UR8QV	Q	42	7	6	KN77
UR3QTN	Q	42	7	3	KN77
US3IU	Q	30	5	3	KN88
UR5QSS	Q	16	4	2	KN77
UT7E	M	11,753	130	73	KN78

<b>YUGOSLAVIA</b>					
YT1Q	6	3,705	65	57	KN04
YU1LG	6	2,080	52	40	KN04
YU1RA	6	208	16	13	KN04
YU1BFG	M	53,400	297	150	KN0