



February 2014

# Station Design for High Performance: Switching, Filters, Triplexers, and Stubs

A powerpoint presentation by Jim, K7WA

February WWDXC Meeting

**Now only \$20, including Tax and Tip!**

*Robb's 125<sup>th</sup> Street Bar and Grill*  
North 125<sup>th</sup> Street and Aurora Avenue North

**Please RSVP your dinner plans to Adam, K7EDX [k7edx@arrl.net](mailto:k7edx@arrl.net)**

**February 11, 2014**  
**Dinner at 6:30 - Program at 7:30**



# ANNOUNCING THE 33rd ANNUAL MIKE AND KEY ARC ELECTRONICS SHOW & FLEAMARKET

MARCH 8, 2014 @ 9AM  
PAVILION EXHIBITION HALL

WASHINGTON STATE FAIR GROUNDS

110 9th Avenue SW, Puyallup, WA 98371

ADMISSION - \$8 (UNDER 16, FREE w/ADULT)

TWO FLOORS WITH 44,000 Sq FEET OF EXHIBITION AREA (>300 tables)

TALKIN 146.82/22 (PL 103.5)

RADIO GEAR \* COMPUTERS \* CLUB & INFO TABLES \* PARTS

SNACK BAR \* FREE PARKING \* CONSIGNMENT AREA

OVERNIGHT SC/RV Camping Available \* LICENSE EXAMS

Table Reservation Information: (253) 631-3756, [dmdink@clearwire.net](mailto:dmdink@clearwire.net) or n7wa@arri.net  
VE Exam Information: (425) 788 0452, [ag7t@arri.net](mailto:ag7t@arri.net)

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CONTACT NAME: \_\_\_\_\_ CALL: \_\_\_\_\_ BUSINESS NAME (IF ANY): \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

TELEPHONE: ( ) \_\_\_\_\_ E-MAIL: \_\_\_\_\_

#### REGISTRATION TIPS

REGISTER EARLY AS TABLES ARE ASSIGNED ON A FIRST COME FIRST SERVE BASIS AS DETERMINED BY POSTMARK. SPECIFIC LOCATION REQUESTS ARE HONORED ONLY IF THE SPACE IS AVAILABLE BEFORE LEANDGET GROUP REQUESTS EARLY.

EXAMPLE ORDERS: 1 TABLE & 1 SELLER = \$32  
1 TABLE & 1 SELLER & 1 HELPER = \$41  
1 TABLE & 1 SELLER & 2 HELPERS = \$50  
2 TABLES & 2 SELLER = \$64  
1 BOOTH & 2 SELLERS \$128

Please note any local or group requests, special requirements, or additional information below:

QTY	DESCRIPTION	\$
	COMMERCIAL BOOTHS @\$112 EACH SELLER/HELPER ADMISSIONS (NOT INCLUDED) (200 SQ FEET, 4 8'X30" TABLES, INCLUDED)	
	SELLER TABLES 8'X30" @\$25 EACH SELLER/HELPER'S ADMISSIONS (NOT INCLUDED) (INCLUDES ACCESS TO ELECTRICITY)	
	SELLER REGISTRATIONS @\$7 EACH (LIMIT OF ONE (1) PER TABLE PURCHASED)	
	TABLE HELPER REGISTRATIONS @\$9 EACH (LIMIT OF TWO (2) PER TABLE PURCHASED) (LIMIT ONE (1) PER INFO TABLE)	
	DAY OF EVENT ADMISSIONS @\$8 (NO MORE @8AM March 8th - SENT BY RETURN MAIL - NO ORDERS AFTER 02/20/14)	
	TOTAL ENCLOSED=	

(WALK-IN ONLY) Prefer to pickup Registration packet at  
**Gold Gate** NE corner of the fairgrounds? Check Here ( )  
SELLER SETUP TIMES

MARCH 7 (FRIDAY) - 2PM TO 7:30PM  
MARCH 8 (SATURDAY) - 5:30AM TO 8:30AM

MAKE CHECKS PAYABLE TO: MIKE & KEY ARC MAIL FORM AND PAYMENT TO DIANE DINKELMAN 22222 148TH AVE SE, KENT, WA 98042  
ALL RESERVATIONS CONFIRMED BY RETURN MAIL (NO RESERVATIONS TAKEN OR CONFIRMED BY E-MAIL)  
INFORMATION TABLE REGISTRATION PACKETS WILL BE AT THE WALK-IN GOLD GATE UNLESS OTHERWISE REQUESTED. CHECK FOR DRIVE-IN: ( )

# WWDXC DXCC Ladder

By Jim Rockey, WA7SRZ

CALL	MIXED	MIXED	PH	CW	DIG	CHAL	160	80	40	30	20	17	15	12	10	5 BAND	HONOR
HONOR ROLL#32	TOTAL	CURRENT														DXCC	ROLL
2/1/2014																	
N7TT	379	337	357	340	9	2114	90	197	281	157	365	229	333	167	295	8	YES
W7OM	372	340	369	349	311	2694	136	313	349	299	355	329	347	296	340	9	YES
W7LFA	369	340	341														YES
K9JF	368	340				2327	184	236	296	215	343	284	313	223	255	9	YES
W1YY	364	340	362	353			256	335	352	337		343		327	347	7	YES
K7ZA	361	340		359		2469	102	205	292	321	355	335	335	297	300	8	YES
K7GEX	359	340	359	299		2114	5	149	273	230	352	283	321	209	292	8	YES
K7LAY	356	340	356	344		818	175	164	176	177	316	215	254	145	218	9	YES
K7EG	356	340	356	352	228	2196	48	250	277	195	349	259	298	198	254	8	YES
K7HC	355	334	346	286	111	1586	16	166	199	150	342	216	250	112	162	8	YES
K7DS	351	336	350	85		883		112	129	21	290	32	160	26	136	5	YES
W7IT	351	337	187	344		513		5	117	3	151	2	88		147		YES
N7BK	350	340	350	12			3	54	80		343	61	261	22	199		YES
W7BJH	349	340	349	5		1035	6	113	141		237	132	211	50	145	6	YES
W7TSQ	348	339	344	300	83		52	146	217	102	324	144	250	125	226	5	YES
W7AV	348	337	319	317	129	1853	49	144	218	199	313	261	240	190	221	8	YES
W6RS	347	336	328	289	2	1191	1	113	144	120	301	170	215	72	108	7	YES
N7TK	346	340	340	298	111	1709	84	119	186	183	335	237	233	163	184	8	YES
W7VV	346	340	287	307	13	1069	20	65	176	41	309	101	205	28	141	5	YES
K6UFO	345	338	329	333	123	920	3	25	101	8	288	26	250	10	209		YES
W7KSK	344		340	333	202	925		137	172	4	252	5	161	4	204		YES
KD7H	343	334	299	322	119	1432	4	153	235	250	318	252	279	233	222	8	YES
K7VL	343	327	219	306	1	1164	0	11	167	99	270	127	212	100	186	6	YES
W7QN	340		331	316													YES
K7B TW	340	332	328	326	235	1769	25	117	237	181	329	233	288	151	233	8	YES
K6KR	340	333	300	328	50	1391	16	139	260	76	309	97	262	53	206	5	YES
K7MH	328	322	281	239	94	910	7	105	120	20	264	64	177	27	122	5	NO
W7NP	326	321	301	188	131	858	1	15	89	24	290	14	179	106	148		NO
N7YX	324		256	108	1		6	51	90	30	230	48	166	23	139		NO
K7LAZ	321	318	270	310		1644	66	130	217	199	302	229	211	161	144	8	NO
W7IU	319	310	285	279	218	1320	5	16	127	108	285	191	243	163	178	7	NO
N7XY	302		248	257	5	88	2	3	65	18	137	30	96	17	91		NO
K7WA	301	291		283				49	180		175	103	171		120	5	NO
NG7Z	289	287	128	286	113	1072	22	72	157	108	230	125	187	60	118		NO
WA7SRZ	287	278	281	8	6	601	2	21	19		203	86	113	66	95		NO
K7JF	287	278	62	128		242			16	20	111	40	36	11	35		NO
WC7Q	284	282	189	259	26	1131	5	34	124	92	242	182	190	134	129	6	NO
W7VAS	280	278	254	130	90	696	0	2	46	4	228	170	117	65	61		NO
W7ZF	278	277	235	105	89	535	3	14	38	13	150	68	65	25	160		NO
W7UDH	277	268	9	255	0	281	0	1	12	6	192	8	62	0	0		NO
K7MO	270	268	208	221	5	926	20	117	165	51	201	59	165	35	119	5	NO
N7RVD	252	240	148	175	36	505	4	26	61	8	157	18	142	10	82		NO
KX7L	227	225	75	202	110	686	10	35	111	56	143	66	127	26	108		NO
H9ADG	220	218	148	187	78	608	106	49	99	28	154	26	86	6	56		NO
W7OLY	216	214	159	191	140	687	17	65	116	5	185	17	148	12	125		NO
N7GCO	207	205	205				11	17	76		155	93	158	52	125		NO
K7EKD	183	183	159	108		470	10	4	48	6	88	76	121	40	77		NO
K7ZG	154	151	37	149	1	144	0	3	10	1	40	2	63	2	23		NO

# DX Info Sources

John Owens - N7TK (jcowens1@comcast.net)

Now that the DXCC LADDER is now listed in the monthly Totem, that leaves the task of knowing which DX operations are going to be on the air, and how to get a QSL card or LOTW confirmation if you work them. I have provided a list of a number of very useful websites below that provide information to solve this problem. If you have others that you think should be on this list, please email them to me at [jcowens1@comcast.net](mailto:jcowens1@comcast.net) and I will try and include them in upcoming postings.

## Useful DX Sites

Internet Ham Atlas by SP6NVK (My Favorite) [www.hamatlas.eu/](http://www.hamatlas.eu/)  
The DX Zone [www.dxzone.com/catalog/DX\\_Resources/DX\\_Peditions](http://www.dxzone.com/catalog/DX_Resources/DX_Peditions)  
The Daily DX [www.dailydx.com/](http://www.dailydx.com/) (Subscription Service)

## Announced DX Ops

[www.ng3k.com/Misc/adxo.html](http://www.ng3k.com/Misc/adxo.html) (My Favorite)  
DX 425 News [www.425dxn.org](http://www.425dxn.org) Then subscribe to the English version of the weekly bulletin (email)  
DXing Info [www.dxing.info/dxpeditions/](http://www.dxing.info/dxpeditions/)  
Ohio/Penn DX Bulletin [www.papays.com/opdx1044.html](http://www.papays.com/opdx1044.html) You can also subscribe to receive the weekly bulletin via email. (OPDX-Request@BARF.org, Subj: Subscribe)  
DX World <http://dx-world.net>  
Dxped Calendar <http://logsearch.de> (Requires Login)

## QSL and Manager Info

Pathfinder (Pathfinder.exe) <http://www.dxlabsuite.com> (Click on QSL\_Info)  
QSL Manager Lookup [www.IK3QAR.it/manager](http://www.IK3QAR.it/manager)  
K3WWP QSL Routes [http://home.windstream.net/johnshan/dx\\_ss\\_routes.html](http://home.windstream.net/johnshan/dx_ss_routes.html)  
HamQTH Callbook [www.hamqth.com/](http://www.hamqth.com/)  
ORCA DX and Contest Club [www.orcadxcc.org/index.html](http://www.orcadxcc.org/index.html) (Good access to [QRZ.com](http://QRZ.com))  
Global QSL (Card design and bureau QSL service - Print and Mail) [www.globalqsl.com/](http://www.globalqsl.com/)

## Upcoming DXpeditions

From [www.dxwatch.com](http://www.dxwatch.com) and [www.425DXN.org](http://www.425DXN.org)

08/Feb/14	09/Feb/14	<a href="#">D70LW</a>	<a href="#">Anmyon Island (AS-080)</a>
08/Feb/14	11/Feb/14	<a href="#">YB4IR/8</a>	<a href="#">Ternate Island (OC-145)</a>
08/Feb/14	13/Feb/14	<a href="#">IG9/OE3GEA</a>	<a href="#">Lampedusa Island (AF-019)</a>
08/Feb/14	24/Feb/14	<a href="#">TO4YL</a>	<a href="#">Martinique (NA-107)</a>
09/Feb/14	17/Feb/14	<a href="#">PJ7/VA3QSL</a>	<a href="#">Sint Maarten (NA-105)</a>
10/Feb/14	18/Feb/14	<a href="#">J8/K8EAB</a>	Bequia (NA-025)
		<a href="#">J8/KB9AVO</a>	
10/Feb/14	18/Feb/14	<a href="#">3B9/OE4AAC</a>	<a href="#">Rodrigues Island (AF-017)</a>
10/Feb/14	18/Feb/14	<a href="#">J8/KC4VG</a>	Bequia (NA-025)
		<a href="#">J8/W3FF</a>	
10/Feb/14	18/Feb/14	<a href="#">J8/W6HFP</a>	Bequia (NA-025)

		<a href="#">J8/W7ZT</a>	
10/Feb/14	18/Feb/14	<a href="#">J8/WG0AT</a>	<a href="#">Bequia (NA-025)</a>
		<a href="#">J8/WZ1P</a>	
10/Feb/14	10/Mar/14	<a href="#">YB8RW/p</a>	<a href="#">OC-209 and OC-210</a>
11/Feb/14	16/Feb/14	<a href="#">7P8ID</a>	<a href="#">Lesotho</a>
11/Feb/14	18/Feb/14	<a href="#">6Y2T</a>	<a href="#">Jamaica (NA-097)</a>
12/Feb/14	18/Feb/14	<a href="#">W1AW/9</a>	Wisconsin
12/Feb/14	18/Feb/14	<a href="#">W1AW/6</a>	California
12/Feb/14	24/Feb/14	<a href="#">8Q7KB</a>	<a href="#">Maldives (AS-013)</a>
12/Feb/14	25/Feb/14	<a href="#">YJ0OU YJ0ZZ</a>	Port Vila (OC-035), Vanuatu
14/Feb/14	17/Feb/14	<a href="#">6W/G3TXE</a>	Senegal
15/Feb/14	02/Mar/14	<a href="#">TM11WAP</a>	<a href="#">special callsign (France)</a>
15/Feb/14	02/Mar/14	<a href="#">XV2BM</a>	Vietnam
15/Feb/14	04/Mar/14	<a href="#">II3CV</a>	<a href="#">special callsign</a>
16/Feb/14	22/Feb/14	<a href="#">6W/MM0NDX</a>	Senegal
18/Feb/14	27/Feb/14	<a href="#">FY/F5UII</a>	French Guiana
20/Feb/14	24/Feb/14	<a href="#">OC0I</a>	<a href="#">San Lorenzo Island (SA-052)</a>
21/Feb/14	23/Feb/14	<a href="#">LU8DCH/D</a>	<a href="#">Isla Martin Garcia (SA-055)</a>
21/Feb/14	25/Feb/14	<a href="#">V6P</a>	<a href="#">Pohnpei (OC-010)</a>
21/Feb/14	26/Feb/14	<a href="#">CW5F</a>	<a href="#">Timoteo Dominguez Island (SA-057)</a>
24/Feb/14	07/Mar/14	<a href="#">A35AX</a>	Tongatapu (OC-049) and Vava'u (OC-064)
24/Feb/14	11/Mar/14	<a href="#">ZD8D</a>	<a href="#">Ascension Island (AF-003)</a>
26/Feb/14	08/Mar/14	<a href="#">3C0BYP</a>	<a href="#">Annobon Island (AF-039)</a>
28/Feb/14	17/Mar/14	<a href="#">9J2T</a>	<a href="#">Zambia</a>

## Upcoming Contests

From [www.contesting.com](http://www.contesting.com)

### February 2014

+ Vermont QSO Party	0000Z, Feb 1 to 2400Z, Feb 2
+ Triathlon DX Contest	0000Z-0759Z, Feb 1 (CW) and 0800Z-1559Z, Feb 1 (SSB) and 1600Z-2359Z, Feb 1 (RTTY)
+ 10-10 Int. Winter Contest, SSB	0001Z, Feb 1 to 2359Z, Feb 2
+ F9AA Cup, CW	1200Z, Feb 1 to 1200Z, Feb 2
+ Black Sea Cup International	1200Z, Feb 1 to 1159Z, Feb 2
+ EPC WW DX Contest	1200Z, Feb 1 to 1200Z, Feb 2
+ FYBO Winter QRP Sprint	1400Z-2400Z, Feb 1
+ Minnesota QSO Party	1400Z-2400Z, Feb 1
+ AGCW Straight Key Party	1600Z-1900Z, Feb 1
+ British Columbia QSO Party	1600Z, Feb 1 to 0400Z, Feb 2
+ Delaware QSO Party	1700Z, Feb 1 to 2359Z, Feb 2
+ Mexico RTTY International Contest	1800Z, Feb 1 to 1759Z, Feb 2
+ North American Sprint, CW	0000Z-0400Z, Feb 2

+ RSGB 80m Club Championship, SSB	2000Z-2130Z, Feb 3
+ ARS Spartan Sprint	0200Z-0400Z, Feb 4
+ QRP Fox Hunt	0200Z-0330Z, Feb 5
+ QRP Fox Hunt	0200Z-0330Z, Feb 7
+ NCCC Sprint Ladder	0230Z-0300Z, Feb 7
+ CQ WW RTTY WPX Contest	0000Z, Feb 8 to 2359Z, Feb 9
+ YL-ISSB QSO Party, CW	0000Z, Feb 8 to 2359Z, Feb 9
+ SARL Field Day Contest	1000Z, Feb 8 to 1000Z, Feb 9
+ Asia-Pacific Spring Sprint, CW	1100Z-1300Z, Feb 8
+ SKCC Weekend Sprintathon	1200Z, Feb 8 to 2400Z, Feb 9
+ Dutch PACC Contest	1200Z, Feb 8 to 1200Z, Feb 9
+ KCJ Topband Contest	1200Z, Feb 8 to 1200Z, Feb 9
+ OMISS QSO Party	1500Z, Feb 8 to 1500Z, Feb 9
+ New Hampshire QSO Party	1600Z, Feb 8 to 0400Z, Feb 9 and 1200Z-2200Z, Feb 9
+ FISTS Winter Sprint	1700Z-2100Z, Feb 8
+ RSGB 1st 1.8 MHz Contest	2100Z, Feb 8 to 0100Z, Feb 9
+ AWA Amplitude Modulation QSO Party	2300Z, Feb 8 to 2300Z, Feb 9
+ Classic Exchange, Phone	1400Z, Feb 9 to 0800Z, Feb 10
+ ARRL School Club Roundup	1300Z, Feb 10 to 2359Z, Feb 14
+ NAQCC Straight Key/Bug Sprint	0130Z-0330Z, Feb 12
+ QRP Fox Hunt	0200Z-0330Z, Feb 12
+ CWops Mini-CWT Test	1300Z-1400Z, Feb 12 and 1900Z-2000Z, Feb 12 and 0300Z-0400Z, Feb 13
+ RSGB 80m Club Championship, Data	2000Z-2130Z, Feb 12
+ QRP Fox Hunt	0200Z-0330Z, Feb 14
+ NCCC Sprint Ladder	0230Z-0300Z, Feb 14
+ PODXS 070 Club Valentine Sprint	2000 local, Feb 14 to 0200 local, Feb 15
+ Russian PSK WW Contest	2100Z, Feb 14 to 2100Z, Feb 15
+ ARRL Inter. DX Contest, CW	0000Z, Feb 15 to 2400Z, Feb 16
+ SARL Youth Day Sprint	0800Z-1000Z, Feb 15
+ Feld Hell Sprint	2000Z-2200Z, Feb 15
+ Run for the Bacon QRP Contest	0200Z-0400Z, Feb 17
+ QRP Fox Hunt	0200Z-0330Z, Feb 19
+ AGCW Semi-Automatic Key Evening	1900Z-2030Z, Feb 19
+ RSGB 80m Club Championship, CW	2000Z-2130Z, Feb 20
+ QRP Fox Hunt	0200Z-0330Z, Feb 21
+ NCCC Sprint Ladder	0230Z-0300Z, Feb 21
+ CQ 160-Meter Contest, SSB	2200Z, Feb 21 to 2200Z, Feb 23
+ REF Contest, SSB	0600Z, Feb 22 to 1800Z, Feb 23
+ UBA DX Contest, CW	1300Z, Feb 22 to 1300Z, Feb 23
+ North American QSO Party, RTTY	1800Z, Feb 22 to 0559Z, Feb 23
+ High Speed Club CW Contest	0900Z-1100Z, Feb 23 and 1500Z-1700Z, Feb 23
+ SARL Digital Contest	1300Z-1600Z, Feb 23
+ North Carolina QSO Party	1500Z, Feb 23 to 0059Z, Feb 24
+ CQC Winter QSO Sprint	0100Z-0259Z, Feb 24
+ QRP Fox Hunt	0200Z-0330Z, Feb 26
+ CWops Mini-CWT Test	1300Z-1400Z, Feb 26 and 1900Z-2000Z, Feb 26 and 0300Z-0400Z, Feb 27
+ SKCC Sprint	0000Z-0200Z, Feb 27
+ QRP Fox Hunt	0200Z-0330Z, Feb 28

# DX Packet Alert Network Frequencies

By Bob Nielsen, N7XY ([n7xy@clearwire.net](mailto:n7xy@clearwire.net))

DX Packet Alert Network Frequencies

By Bob Nielsen, N7XY ([n7xy@clearwire.net](mailto:n7xy@clearwire.net))

K7EK-1 - Spanaway (DX Spider Node), K7EK sysop. Telnet to: k7ek.dyndns.org, port 9000

RF: 144.91 MHz - Connect to network node W7DK-5, then type DXC.

145.01 MHz - Connect to network node SEA, then connect to network node K7EK-5, then type DXC.

W7PKT Auburn (DX Spider Node) 145.73 MHz, KA7CSE sysop.

Telnet to w7pkt.net, port 7300

DX Spider user documentation is available at [http://wiki.dxcluster.org/index.php/DXSpider\\_User\\_Manual](http://wiki.dxcluster.org/index.php/DXSpider_User_Manual)

Lee Sawkins, VE7CC has written a versatile Windows user program which works with

AR Cluster, CC Cluster or DX Spider nodes. It can be downloaded from

<http://www.bcdxc.org/ve7cc/default.htm>

## Totem Trader

Wanted: Steppir DB-36 Antenna - 425-745-0577 John Owens - N7TK

Have a mint condition Heathkit SB-221 that is fully modified and on-air checked that I want to sell locally. If interested, I can provide additional information if you contact me at 425-745-0577. John Owens - N7TK

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For Sale:

Force 12 C-3SS. Three band yagi, two elements on each band - 10, 15 & 20. 12' boom, turning radius 13.6'.

Antenna is 4 years old and made the trip from VA to WWA this summer. The antenna is partially disassembled. The elements have been removed from the boom but are in tact - no rivets were removed.

Current price, new, from Force12 is \$1299.00 Will sell for \$400.00 - PICK UP ONLY in Olympia.

Contact: Aubrey W7OLY - [w7oly@comcast.net](mailto:w7oly@comcast.net)  
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For Sale: Dentron MLA 2500 covers 160 to 10 meters, full legal limit amp, wired for 220 volts. Recently cleaned fan and checked for loose connections. Reason for selling- acquiring solid state amp and need the cash. Includes original manual and PS filter caps replacement board (by KW7CD). \$400. Joe W7EJS 425-481-5404 or [joew7ejs@gmail.com](mailto:joew7ejs@gmail.com)  
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Wanted: Maritime/Ships receivers especially with MW/LF/VLF coverage such as Drake MSR-2, ITT MacKay 3031A, Sailor, HRO-500, etc Kim - K7IM, [kbottles@rafn.com](mailto:kbottles@rafn.com), 425-702-6628  
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RTS tower rotating system for Rohn 55 \$1200. Included are the base and two guy rings. I used it on a 140 foot tower. Bill, W7OO 425-880-6586

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For Sale:

Force 12 C31XR Was installed in EWA.  
Beam is completely disassembled and located in Bellevue, WA.  
\$250 you arrange pickup.  
Adam Blackmer, K7EDX  
email: pipeboy\_adam@msn.com

-----  
Yesu FT-847 ( earth station)  
160-6 meters 144/432  
Like new condition used as second radio  
\$900 with external Yesu tuner,\$800 without.  
Plus shipping from Yakima in original box, or pick up.

kb7hdx@gmail.com

Mark J. Tharp KB7HDX  
Section Manager, Eastern Washington

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Need to clean out the KZ1W Redmond shack - all no smoking and clean

Pick up only, or delivery to a meeting, unless otherwise noted:

Kenwood TS430 three crystal filters,(AM,SSB,CW) with matching power supply, MC60 electret desk mike , checked for power output all bands, opened up for GC transmit, op and service manuals, original invoice, and brochure. \$300

Daiwa CNW419 200w manual tuner with cross needle swr meter, manual \$90

Kenwood TL922A, 10m mod, hasn't been run for about 4 years so tubes and caps should be conditioned, otherwise like new. 240 line filter in power cord. With several mod parts not installed, manual and modifications booklet \$1050

ICOM IC761 (became the 765 after Icom was sued), manual, original box \$650

Wilson version of an MA550 mast, with MARB bottom rotator mount and tilt over mast. No raising winch (original electric one died). slight bow in the bottom section, still works ok, could use some paint. \$500 Can deliver within 30 miles of Redmond for a small fee.

Yaesu FT290R 2m all mode transceiver, no battery pack, 2.5w, manual

Marconi TF992B/2 signal generator, 200Khz to 220Mhz, beautiful boat anchor, precision attenuator, manual w schematics, spare tubes, needs fixed. \$100



Alinco DX70 HF-6m all mode mobile, EMS42 mike, power cord with Powerpoles, op and service manuals, \$375

Looking for large freestanding tower

- Grant Saviers grants2@pacbell.net

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Need to sell: IC-756PROII + PS + SM-8 MIKE. \$900 obo  
Thanks - 73 - Jon Zabel - K7ZA - 425-432-9838

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Antenna project supplies: Various lengths and diameter aluminum available to help with that antenna project you've been wanting to do. I have a few 10ft lengths of 3" available and a boom from a KT34. Smaller pieces also available. There is also a couple partial spools of 1/2 CATV hardline. No reasonable offers refused but you gotta come up to beautiful Whidbey Island to get it. :) Call Greg at 360-320-3436 or email at ab7r at cablespeed dot com

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I'm looking for **5 Rohn 25G or 45G tower sections**. If you know of any members who would be interested in selling their extra sections, I would appreciate them contacting me via my email address or by phone at 360-383-0521. I'm willing to pick them up. Thank you very much for your help! 73, John Hofstrand, KF7PG

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**Sell or swap my island property in Australia for one in USA?**

It is a separate IOTA [OC-137] from Australia but only 20-min by ferry from the mainland (between Brisbane and the Gold Coast of Surfers Paradise).

1/4 acre corner block on the SW corner of Russell Island. Comprising a Chalet, a cottage, 2-car garage, shipping container converted to a ham shack, 60' tilt-over heavy duty tower with 9-el quad-yagi, R7000 vertical. There are no homes on the boundaries. Catch delicious mud crabs, shrimp, perch only a few hundred feet from the house. Watch all the yachts sail past while enjoying a drink on the verandah at sunset. Included are 2 cars, 2 boats, a travel trailer, all furnishings and appliances. Low rates. Tower friendly council and ham friendly neighbors. Hourly passenger ferry to mainland from other end of the island. 6-8 vehicle ferries a day. Village has a supermarket, chemist/drug-store, hair salon, bakery, hardware store, post office, police station, ambulance station, doctors, medical lab, public pool, helicopter pad, parks, cafe's and some other small businesses... sports club with poker machines, bar and restaurant... retired servicemen's club with the same. Climate is semi-tropical year-round. Cottage is tenanted for income (\$1000/mo). Good cellphone and broadband wireless service. RF quiet. The road is paved all the way from the village to the property.

It would make an ideal DX/Contesting/Holiday QTH, or even advertize the cottage as a Rent-a-shack while living in the chalet, or...?

Note: It is very easy for non-Australians to own property in Australia, and easy to get long-term Visa's. I am 'open' as to what type of property or location in USA to consider for swapping...or will sell outright for US/AU\$350,000 all inclusive. Would consider an RV or mobilehome+towing vehicle as part-payment.

Eddie De Young, AE7AE/VK4AN. [ae7ae@pacific-dxers.com](mailto:ae7ae@pacific-dxers.com) or [yk4an@pacific-dxers.com](mailto:yk4an@pacific-dxers.com). I have put a large number of photos of the property on one of my web sites...just ask for the link. You can also GOOGLE MAPS or other map site to see the property (albeit older shots!) 46 Bangalow St, Russell Island Queensland 4184

Australia. I will be in Australia until June 5th.

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Clearing out unused items I have following to offer:

Azden PCS 3000 2m FM with mounting bracket

PK 88 w/cable for Alinco

Yaseu FT 212 RH 2m FM w/ mounting bracket and manual

PK 232

JPS NIR 12 Noise & Interference Reducer

Timewave DSP 9 Audio Noise Filter

Digitech DR 3 Digital messaging Recorder/Announcer (works??)

If interested, contact me

Bob W7TSQ

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For sale:

AEA DX Handy MX28, Hand held radio


Covers 10 Meters SSB/CW QRP

It is in new condition, with original packing. \$120

Larry K7EKD, [paragon73@myfrontiermail.com](mailto:paragon73@myfrontiermail.com)

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I have the 4 bottom sections of Trylon Titan tower that are a bit over one year old. By adding sections you could go all the way up to 96' free-standing. They're 8-foot sections so this is about a 32-foot structure by itself. They are sections #13, 12, 11 and 10. The bottom section had the bottom 3-feet or so removed when dismantling the tower but it can be used for a short base if needed. A comparable new tower price is over \$2k plus shipping. Pick in up on Mercer Island for \$900.00 or OBO.

I started with this set up but I couldn't get a variance to go above 35 feet using this tower on Mercer Island so I ended up purchasing a US Towers MA-550 HD and was able to get my impacted neighbor's support and the variance. These tower sections are heavy duty. I can send pictures if you are interested.

Either contact me at [johnbanbury@msn.com](mailto:johnbanbury@msn.com) or Steve Morris--cell phone 206-890-4188 .

Cheers,

John Banbury

AG7N

206-226-5336

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I'm getting ready to relocate so I need to get rid of a LOT of stuff

1. SteppIR Big IR with early 80 meter coil – boxed and ready to go - \$400
2. Two element SteppIR beam. \$400
3. DX Engineering Receive Four-Square Complete Array Package - \$750

4. Three 2500' spools of THHN cu wire, two are #14 and one is # 12 (great for radial systems). \$60 each

All of the above are in Selah. K7HC Clay Brown lemdog@charter.net

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ALSO: Looking for an HDX crank up free standing tower. HDX MDPL 555, 572, or 589.

Heathkit monitor scope - Very clean, works well and in non smoking environment and mint condition. Includes original manual. Primary function is to display transmitted signals on any band 6-160 meters. (rf trapezoid, rtty cross patterns and has a 2-tone generator to adjust SSB)

\$125- (plus \$25 shipping or you pick up or I can deliver it via a WWDXC luncheon)

Bob k7lay (qth on the Kitsap peninsula near Port Orchard-tel 253-857 -5467 email [K7lay@aol.com](mailto:K7lay@aol.com))

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Cushcraft X-9 beam for sale. The X-9 is a tri-band beam covering the 20, 15, and 10 meter bands with four elements active on each band. Boom length is 28 feet. It has 9 physical elements. Asking \$500 for this antenna with pick-up in South Seattle.

The X-9 performed well but was taken down in October and replaced by a SteppIR beam to add WARC and 40-meter band capability. Contact Don Sandstrom, W7VXS at 206-550-4148 or [don.sandstrom\(at\)mailaps.org](mailto:don.sandstrom(at)mailaps.org)

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Looking for modern high performance transverters for 6m and 2m.

Bryan WA7PRC

bswadener-at-yahoo-dot-com

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Summer Sale!

- Rohn 45 tower section for mounting in cement. 7 ft. length, re-hot dipped galv., straight - \$75
- Rohn 45 tower top section 45AG with 2.0" OD alignment pipe. 9 ft. length. Needs some clean-up. Straight - \$50
- Tower mast thrust bearing. 2 5/8" max. mast, 900 lbs. vert. load. Glen Martin TB-25 new with instr. - \$75
- Yaesu absorber joint GA3000 for Yaesu G-2800 rotator. New with/instr. - \$125
- AMECO PT-2 transponder preamp 1.8 – 54 MHz with Op manual - \$40
- Heathkit dummy load HN-1 with 1 gal. oil installed. 50 ohms, good condition with manual \$25
- Operating tables. 30"x45" and sitting 24½" above the floor. Black steel framework and legs with dark walnut grain composite surface. No drawers. Came from Boeing Surplus originally. \$15

Ron Stein, W7GAX – 206-246-1915

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144/440 MHz dual band glass mount mobile antenna, new in package. \$45

Contact: Don Sandstrom, W7VXS at 206-550-4148 or [w7vxs@arrl.net](mailto:w7vxs@arrl.net).

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Begali Sculpture paddle for sale, \$350. It's the same paddle featured in my March 2009 QST review, and has N7RR embossed on it. I'm selling it because I've converted to single-lever paddling now. My premier paddle is the Begali Sculpture Mono, which is not for sale. If you would like me to take it to the April WWDXC meeting, please let me know.

Thanks and 73, Bruce Prior 360-332-6046

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FS: 1944 Vintage BC-348-R HF Receiver. 2-18 Mhz. This RX has had the dynamotor removed and has been modified for 117 AC operation. This model RX saw service in the radio position of B-17's, B-24's and B-29's during WWII. This unit is fully operational and in good cosmetic condition. Asking \$175, firm... includes bound printout of the manual and a (3rd party/Motorola) speaker. Call John, K7HV @ 206-947-0545 to set up time to check it out.

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"ATAS 120A mobile antenna, with Diamond KC400C mount and ATBK-100, ground kit - all new/unused in original containers with all the parts, instructions. Designed to match FT-857(D), FT-897 D) and FT-100 series radios with one touch auto tuning. New would be \$500, I am selling for \$400. I would consider partial trade for UHF/VHF dual band gain antenna and/or DSP Speaker (like West Mountain "Clear Speech") Call John, K7HV @ 206 947-0545 or email [jparnell@igc.org](mailto:jparnell@igc.org)"

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WANTED: 30' Rohn 25G + top section in good shape. Yaesu G-800SDX or equiv. Force 12 3CSS. David WA6PXX [David@Giuliani.org](mailto:David@Giuliani.org)  
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## TOTEM TABLOID

Western Washington DX Club, Inc.

P.O. Box 395

Mercer Island, WA 98040

### ***The Totem Tabloid***

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Jack Fleming, WAØRJY  
20148 6th Avenue NE  
Seattle, WA 98155  
206-898-6264  
[totemtabloid@yahoo.com](mailto:totemtabloid@yahoo.com)

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Information on the Western Washington DX Club is also available on the internet at [www.wwdxc.org](http://www.wwdxc.org) or by email to [info@wwdxc.org](mailto:info@wwdxc.org).