

February 2018

NEXT MEETING IS FEBRUARY 13



How does two months on an around-the-world trip sound? How about including ham radio, with a stop at Friedrichshafen, the European version of Dayton and Visalia? Come to this month's meeting as John, AG7N, will tell us all about his once-in-a-lifetime adventure.

Rob's 125th Street Grill, 125th and Aurora Avenue North Dinner at 6:30 p.m., program at 7:30 p.m. Dinner is \$ 20 including tax and tip.

Please RSVP your dinner plans to Adam, K7EDX at k7edx@arrl.net

The President Speaks

Rob Fanfant, N7QT

As most of you have already heard by now, the 3YØZ Bouvet expedition has been cancelled and the ship is currently heading towards Cape Town, South Africa, traveling at half speed. The reason given for the cancellation is that the captain of the ship felt that it was no longer safe to continue the expedition, due to the loss of one of the ship's engines. The ship had been taking quite a pounding while anchored off shore, awaiting the arrival of good weather. Due to extremely bad weather, the helicopters could not fly, and then one of the ship's engines developed a problem, becoming inoperable.

Understandably, the entire 3YØZ team is extremely disappointed at the failure. I personally could not fathom the disappointment if I were in their shoes. From both a financial perspective as well as a time perspective, many of these individuals have devoted countless hours, days and even years to this project, only to have it end in failure. While I don't have the latest funding figures for this expedition, I believe 3YØZ ranks as the most expensive DXpedition in amateur radio history.

For the most part, comments left on the public forums indicate that a majority of the amateur radio community is voicing its support for this team, especially considering the risks they were willing to take to activate Bouvet. There were, however, a minority of voices going so far as to ask for their money back.

Some members of the DX community have even suggested that given the difficulty, cost and grave danger of landing on this and similar foreboding entities, it might be wiser and prudent to possibly consider changing the rules to allow contacts to count while anchored in an entity's territorial waters.

My current thoughts revolve around the possible impact this loss will have on the amateur radio DX community and can we, or will we, continue to support expeditions of this magnitude?

There is talk among the current 3YØZ team that they are already considering trying again. Will it be next year, or two or three years in the future? The big question is will the team be able to raise another \$750-\$850K yet again in order to attempt another try. For those of us who have already donated, would you personally donate the same amount, or more, to see them try again?

I believe the cancellation was the correct thing to do given their predicament, but this was a huge loss to the amateur radio DX community and it's unclear to me what the final impact will be to all of us.

On a lighter note, some of us have been looking forward to increasing the club's participation not only with DXing but with contesting as well. Over the next few weeks and months, I hope to work with those of you who are interested in soliciting ideas on how to increase our participation in contesting, with the end goal of winning/recapturing the Traveling Trophy. Brian Wingert, N7RVD and I have also been reviewing past contest scores, with the intent of coming up with a strategy that the WWDXC can utilize to better compete. Plan on hearing more from me on this topic. I encourage all of you who are interested in this effort to contact me and share your thoughts on this topic.

In closing, for those of you planning to attend the Vancouver convention this summer, please make sure to reserve your rooms ASAP as they will go fast. The Orca DX Club has reserved a block of rooms for this event and it is posted on their website. [Ed. Note: see article below].

Random Comments From the Editor

Did you work E31A on CW this month? If you did, the fellow in the photo below was the operator. This is Champ, E21EIC/E31A, DXpeditioner and CW operator extraordinaire. If you want to hear how it's done, listen to Champ handle a pileup. In my humble opinion, there's no one better. Somehow he is able to get a complete call from the nastiest of pileups and if he says "TU" at the end of the QSO you can take to the bank the fact that he got your call correct.



As some may recall, Sid May, ET3SID (SK) set up the ET3AA club station in 1993, originally in some elementary schools and later at the Institute of Technology of Addis Ababa University. Sid gave lessons to the students and while many passed the RSGB examinations, none of them was able to secure an individual license. So Sid kept the club station on the air. Later a group of students took the U.S. license examinations and many now hold U.S. call signs. Sid unfortunately became a Silent Key in 2012 but Ken Claerbout, K4ZW, stepped into the role of advisor to the students and has donated equipment and other materials as the needs have arisen. The Yasme Foundation has also made grants to ET3AA.

The young lady in the photo below is Rediet. She is one of the moving forces behind the club station ET3AA in Addis Ababa, Ethiopia. She and Ken will be on the program at Visalia this year, thanks to a grant from NCDXF's Scholarship Fund.



As I write this it's Monday morning and the news about Bouvet has been out for 24 hours. Rather than head West back to Punta Arenas, Chile, the ship has turned to the Northeast and is now heading to Cape Town, South Africa with following seas. It looks like one of the two engines is either not operating or is at reduced power as they are going about half-speed

compared to the outbound trip to Bouvet. At their current speed, John, K6MM, estimates that they'll get to Cape Town on February 13. That will make three weeks on the ship.

I cannot imagine what the mindset of the team must be. Ten years of planning, two years of intense preparation, dress rehearsals, packing, etc. and to get that close. Of course the correct decision was made. In addition to the human capital, a lot of money was raised and spent. The mention of engine problems may suggest a recovery of some of it from the transport company and/or its insurer. We will all have to wait and see what develops.

Something on a much, much smaller scale happened in 1984 to 14 guys set on operating from Clipperton Island. The team and all of its gear made their way to Manzanillo, Mexico where they stayed 10 days in the ill-named Star Motel, waiting for the arrival of a boat that never came. I was one of the 14 and it took a *long* time to get over the disappointment and frustration. The team (without me, due to a trial) regrouped in 1985 and made it to the island and operated as FOØXX. Perhaps Bouvet will be on the air after all, just not this year.

If you've worked Z6ØA or one of the other Z6 stations, you have Martti Laine, OH2BH, to thank for another new DXCC counter. Martti has worked for over 10 years to get the ARRL to add the Republic of Kosovo to the DXCC List, facing and overcoming one obstacle after another. It finally happened and I'm told it did so without the input of the DXAC. Interesting.

How to Improve an Inverted L 160M Antenna on a Small Lot

Jim Denny, K7EG

Living on a small ¼ acre, lakeside flag-shaped lot has its limitations regarding 160M antennas. My XYL made it clear – nothing would spoil the lake view nor did she want to gaze at a wire maze. In 2016, I found the solution. An inverted L running along the lot line to the side of the house would fill the bill. There was a tall fir tree to support the vertical leg and I got permission from a great neighbor to tether the horizontal leg in a maple tree on his property. This gave me a 60 ft vertical leg with 65ft of horizontal run. Next came the issue of ground radials. I buried about six. None were ¼ wave in length. I also linked into a radial system used by a BigIR vertical. None of these radials were optimal.

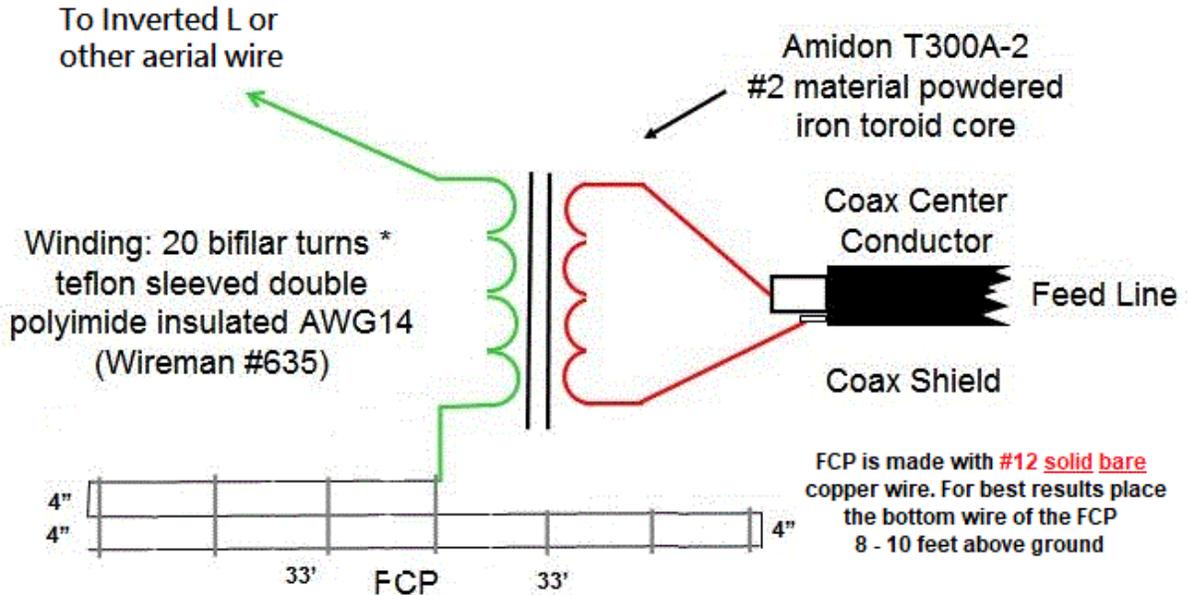
I noticed that the 160M inverted L had a fairly flat SWR over much of the band. That should have rung alarm bells. It did not. Discussions with learned Top Band antenna experts convinced me that my L was very inefficient. Much of my RF was going into the ground versus into the vertical radiator. That got my attention.

I discovered there is an excellent solution for small lot counterpoise radial system woes. I was directed to K2AV.com and discovered his “Folded Counterpoise” radial system known as “FCP”. His tutorial is complete, including diagram, and results were amazing. See the drawing below, taken from the website. It should be noted that an FCP counterpoise can be used with a variety of antenna types (L or T, etc) where soil is poor or where room is unavailable for a good 160M radial system. I used ½ inch PVC tubing for my spreaders and purchased the 1:1 balun. FCP must be installed 8 to 10 ft above ground and only 66ft of real estate along lot line is required due to its “folded” or loop back construction. I purchased a Rig Expert Graphic Antenna Analyzer and was amazed over the change in SWR curve shape. Reactance was gone. The data indicated that the Inverted L efficiency rose significantly. Results were noticeable. I am now approaching the 100 DXCC level. I am currently at 93 confirmed up from 45 in 2016 – some but not all attributable to the increased efficiency using FCP.

Living in a semi-rural setting, man-made noise is not an issue once PSE replaced a couple leaking insulators on nearby power poles. Thanks to Kip Edwards, I was able to deploy two Reversible BOGs (E-W and N-S). Each is about 150 ft long. Again with the permission of my great neighbor on the EW run, I was able to deploy half of the EW RBOG on his property. I purchased the KD9SV DXpedition model switch box with preamp to finish the RBOG installation.

In summary, the inverted L hears as well as the RBOG most of the time unless geomagnetic interference is present. In those cases, the RBOG sometimes has the edge due to its ability to reduce background noise.

K2AV 33 x 33 160m Folded Counterpoise (FCP) and Isolation Transformer



* Bifilar turns: Instead of the two windings kept separate, one wire on one side of the toroid and one wire on the other side, the two wires are kept in a pair like a length of zip cord. The PAIR of wires is wound around the toroid twenty times. For this application 15 feet of wire and teflon sleeve, cut in half, provides the required PAIR length of 7.5 feet.

Original Drawing W0UCE updated

2018 Pacific Northwest DX Convention

It's not too early to start making plans for the PNWDXC this summer. The website is at <http://pacificnwdxconvention.com/> The dates are August 3-5, 2018.

The convention hotel will again be the Inn at the Quay in New Westminster, B.C. The hotel is now accepting reservations—you can call toll-free 1-800-663-2001 and let them know you are coming for the Pacific Northwest DX Convention. Or send an email to info@innatthequay.com, mention you are attending the convention and they will email you a confirmation. I went the email route and got a confirmation about three hours later. The convention room rate on my confirmation is Canadian \$ 165 plus tax. At today's exchange rate, that works out to around \$ 134 per night.

Contest Activity Report—February 2018

Mike “Dink” Dinkelman, N7WA

Just one test in January qualified for the Northwest Trophy Competition - the RTTY Roundup. This month, it'll be the ARRL DX Test. Meanwhile, here is the activity within the Club from January.

ARRL RTTY RU

Call	QSOs	State/Prov	Countries	Op Time	Score
M/S HP					
N7BV	547	56	24	17.75	43,760
Single Op HP					
N7QT	1296	56	33	19	115,344
N7WA	210	41	10		10,710
Single Op LP					
W7OM	511	52	23		38,325
SO Unlimited HP					
WC7Q	665	53	32	14.5	56,525
W7VXS	586	50	17	11:20	39,262
NN7SS(K6UFO)	10	1	0	.25	10
SO Unlimited LP					
KB7HDX	47	27	2		1,363

ARRL RTTY RU Soapbox

NN7SS(K6UFO): I was in CA knocked down by the flu, but got on the remote to WA in the last 15 minutes to help the deserving. 20M :Force12 C31XR at 72 ft, 40M: Force12 2 Element Yagi at 78 ft, Elecraft K3 + KPA500 500 watts, K3/0-Mini control head and RemoteRig, Writelog, MMTTY and 2Tone.

N7WA: This one was just for grins. My last RTTY test was the 2017 RTTY Roundup. Spent a good part of the weekend pruning apple trees. Did the RTTY RU on breaks and when the

mood hit me. Had to figure out, all over again, how to set up the station for RTTY. Guess I should write this stuff down.

About 60 more Qs, 3,000 more points, and just a bit more DX. Had a little JA run going at the last which was fun. Last year, I was low power but I ran the amp this year. Like I said, just for grins and high power equals more grins these days. Nice to see some activity on 15M. Tried 10M but just a vast wasteland when I checked. Called CQ for a bit but not a whisper back. K3, AL-1500, 5el 20M Yagi, 2el 40M Yagi, C31XR triband Yagi, 80M vertical.

N7BV: This was a practice contest for the operators and the station after several snow and wind storms over December. The snow was very wet and took down many trees. The bands seemed in fair condition considering the lack of sunspots. Never made it off 20M during the day. Tks for the contacts. K3, Alpha 78, 3el SteppIR, K3LR 40m & 80M sloper system.

NAQP CW

Call	QSOs	Mults	Op Time	Score
Single Op LP				
K7RL	1219	211	10	257,209
N7QT	978	221	10	216,138
K7RI(K7ZQ)	920	159	10	146,280
N7WA	906	161	10	145,866
N7ZG	690	171	10	117,990
W7OM	679	170		115,430
K7SS	300	118	4:45	35,400
W7VXS	234	98	7:35	22,932

Single Op QRP

NN7SS(K6UFO)	31	18	1	558
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Northwest Corner Pocket

N7QT 216,138
N7WA 145,866
WC7Q 123,172
N7ZG 117,990
W7OM 115,430
Team Total: 718,596

NAQP CW Soapbox

NN7SS(K6UFO): Classic! I started up, connected to the remote station, but nobody can hear me. Too weak? Too much QRM? Nope... my CW keying is not generating any RF at the radio! I start the debugging process, but between all the parts, there are 100 thousand interacting settings. Well, it works on RTTY and SSB, just no RF on CW! Eventually, the blindfolded monkey changes the right setting somewhere, and with a reboot and restart – it's working again! But it's 2 hours later, so I have lunch and a nap... I come back at night and try it and it's working fine. I sweep the bands for an hour, consider it a success and shut down.

N7WA: Lots of activity, conditions seemed pretty good. Had lots of fun. Need someone to slap me across the head when I go S&P on a wide open band. Rarely can I get rate that equals the run rate. Never got to the second radio. Just too busy on the main rig.

When I went to 40M from 20M, things just didn't seem right. Then I worked K7WA to the north - pretty loud for a local. Then I saw the beam was headed north where I had parked it for the last wind storm. Arghh! Turned that baby to the east and life was good again. 80M is my weak band. Need to think about that.

K7RL Love this contest. Great ops, great format, and great fun. No SO2R. Mice got into the outside hardware enclosures and chewed through some wires, and generally made a big mess. Now the second radio isn't getting any signals from the main tower. Ugh. Need to do some major maintenance come spring.

Thought conditions were pretty good. 15M was surprisingly good, despite a radio black-out to the Midwest states. Never did work RI or ND on any band. Thanks to K7SS for the QSY and my only 10M Q. Thanks to all for the Qs!

N7ZG: Haven't done this one in years. Really enjoyed it.

K7SS: Kudos to those that didn't miss a beat copying my WW2 Stainless Steel BUG. Apologies to those that DID. Lots of fun in this contest. Obvious by now that SO2R is a different class and skill set from one transmitter. Glad to at least see the extra box to check for that class. Congrats to those that have mastered 2R .. not an easy task and highly competitive.

By the way: 160 in the last half hour was mind boggling, with 100W east coast stations easily heard and worked from out here in the PNW. Can recall in many a contest how hard it was working back east with HP both ways. Thanks to the propagation gods for that sweet icing on the cake.

NAQP SSB

Call	QSOs	Mults	Op Time	Score
Single Op LP				
K7RL	1250	182	10	227,500
K7SS	473	105	7:00	49,665
W7ZZ	481	90		43,290
K7VAP	268	49	6	13,132
NN7SS(K6UFO)	10	4	.25	40

NAQP SSB Soapbox

NN7SS(K6UFO): Just to test the wiring and work a few for the Club competition. Got on at 01Z (just past sunset) and nothing heard on 10M or 15M. Only NAQP station on 20M was KH7. 40M had some loud CA and WA so I just swept that band once and declared success.

W7ZZ: 40 shut down very early, with noise level at S9. Went down to 80, only to find very little contest activity, so decided to quit early.

K7SS: 15 opened for about 30 minutes into TX/MS only. 20 was very productive and was lucky to land 49 states there. Hello DELAWARE?? 40 was very short-lived and pretty much empty by 5:30 so took a long break and tried 80/160 in the last couple hours.

80 felt like it had a thick blanket over it... and with 100W it was hard getting many replies. 160 was productive just to the close-in states.

P.S.: Must sure be some FANTASTIC antenna systems out there... several guys just waaaaay louder than everyone else. (ahem).

K7RL: Started on 15M and couldn't get anything going, so I quickly moved to 20M. Came back to 15M an hour later and the band wasn't great, but much improved from an hour earlier.

40M was really strange. It was a radio black-out to W1 and the eastern Canadian provinces. About an hour in, I watched as my rate plummeted and CQs went mostly unanswered. Moved to 80M to try and get something going, but it was still too early.

Had 1,000 Qs with 4 hours to go after taking the full 2 hour break. 250 Qs in 4 hours shows how rough it got after moving to the low bands. 20M was as good as I've ever heard it. Unlike 40M, W1 was pounding in, as were eastern Canadian stations. Thanks to all for the Qs!

CQ 160

Call	QSOs	State/Prov	Countries	Op Time	Score
Single Op HP					
N7QT	573	56	12	14:07	97,375
N5CR	464	55	10	12	75,855
N6KW	254	44	2	12	27,232
Single Op LP					
K7IDX	73	17	0	3	1,241
Single Op Assisted HP					
K7SS	307	52	10	8	53,568
KK7PW	146	26	1	7	9,072

CQ 160 Soapbox

KK7PW: Great fun! Tnx to all!

N6KW: Operated at K7RI's newly-improved station, where we have a much lower noise level than before. The station plays very well. Thanks Tom for allowing me the opportunity.

K7IDX: Gave a few points to the locals calling CQ. 100W to shunt fed tower.

K7SS: Friday condx much better than Saturday. 52 States/VE (NE, MA, LA, RI, DE, DC not heard) 10 DXCC. DX: ZF (loudest DX all weekend), PJ2, P4, C6, KP2, XE, 5W, KH6, JA UAØ. No AK (KL7SB was /VP9 this weekend, and he usually is at KL7RA).

Kind of heard, not worked: just whispers from CT9, EA8 and a mere scratch from JT5DX. West Seattle was well represented with N6KW at K7RI, KK7PW, W7DRA and W7OM.

Membership Update—February 2018

Jim Hadlock, K7WA

The Western Washington DX Club welcomes one new member this month:

Rob Salsgiver, NR3O, of Granite Falls, WA

If you received a Renewal Notice last month and have not renewed yet, please consider doing so - membership support allows the Club to contribute to DXpeditions and enables all the other activities throughout the year. Don't forget the annual Mike & Key Electronics Show and Fleamarket in Puyallup March 10th.

February 2018 Contest Calendar

Bruce Horn, WA7BNM, has a website that is truly a one-stop place for all things related to contesting. The link is www.contestcalendar.com or Google "WA7BNM" and the first hit is Bruce's site. With just a few clicks, you'll find everything you need to know about every contest, large or small. I find it very useful when I hear a station that I want to work that is obviously exchanging contest reports and I don't know the exchange.

DX Alert Nodes

Bob Nielsen, N7XY (n7xy@n7xy.net)

Current DX Node telnet addresses:

W7PKT- w7pkt.net, PORT 7300

VE7CC-1 145.71 MHz or telnet to dxc.ve7cc.net, port 23

WDXC DXCC Ladder

Jim Rockey, WA7SRZ

The WDXC DXCC Ladder is maintained on the website. You can find it by clicking on "DXCC Ladder" on the homepage or by going to <http://www.wdxc.org/dxcc-ladder-2/> and clicking on "click for dxcc ladder" The Ladder is published in the Totem Tabloid once a year in the January issue. Please send your updates to me at wa7srz@frontier.com.

DX Info Sources

John Owens, N7TK (jcowens1@comcast.net)

Discovering what countries (sorry, "entities") are currently operating on the bands and getting a confirmation (QSL or LOTW) once you work them has become easier in one sense

with the flood of electronic information and more difficult in another sense, as the amount of available information is almost overwhelming. Below are some very useful websites that will help solve these problems. If you have other sites that you have found helpful and think should be on this list, please send the info to me at jcowens1@comcast.net and I'll include it in future issues.

Useful DX Sites

The Daily DX (www.dailydx.com) (subscription service but can't be beat for timely info)

The DX Zone (www.dxzone.com/catalog/)

Internet Ham Atlas (www.hamatlas.eu)

Announced DX Operations

DX World (<http://dx-world.net>) (look for the "DXW Weekly Bulletin")

NG3K Amateur Radio Contest/DX Page (www.ng3k.com/Misc.adxo.html)

DXing Info (www.dxing.info/dxpeditions)

Ohio/Penn DX Bulletin (www.payays.com/opdx1044.html)

QSL and Manager Info

Pathfinder (Pathfinder.exe) (<http://www.dxlabsuite.com>) (Click on QSL Info)

QSL Manager Lookup (www.IK3QAR.it/manager)

K3WWP QSL Routes (http://home.windstream.net/johnshan/dx_ss_qsling.html)

HamQTH Callbook (www.hamqth.com/)_

ORCA DX and Contest Club (www.orcadxcc.org/index.html) (Good access to QRZ.com)

Global QSL (Card design and bureau QSL service-print and mail) (www.globalqsl.com/)

Announced DXpeditions

Here are the DXpeditions and dates I have in my calendar as of February 6, 2018 (with no representations that the information is accurate, complete and/or won't change):

Gambia (C5DX)	February 9-16, 2018
Morocco (CN2)	February 13-20, 2018
Rotuma (3D2EU)	February 23-March 16, 2018
Revilla Ggedo (4B4B)	March 1-15, 2018
Easter Island (XRØYD)	March 2-15, 2018

Here are the sites and bulletins I look at to find out what's happening on the bands:

The Daily DX	dailydx.com (subscription and free trial available)
DX World	dx-world.net (free)
NG3K Page	www.ng3k.com and then click on ADXO at the top (free)
DX Summit	www.dxsummit.fi (free)
DXScape	www.dxscape.com (free)
DX Heat	https://dxheat.com (free)

Totem Trader

Boat Anchors For Sale: Two HRO 60s and one HRO 50 and a box set of 6 coils. HROs are in used condition. Not rusty, but well travelled. One has handles on the sides. Would rate a 6 of 10. From estate. Sold as is. \$750 OBO for all three and the set of coils.

Two homebrew amplifiers: 160-10 running a pair of 813s -- \$200 OBO . The other is 40M running pair of 805s -- \$100 OBO. Both have built-in supplies. Sold as is.

High Sierra HS-1500MKII mobile screwdriver. 80-6 meters. 800 watts power rating. Good condition with many new replacement parts purchased directly from manufacturer. Includes home brew mounting stand for sturdy field operations. 72" whip element has slight bend at top. Cosmetic. Was used by ham (SK) on RV installation. Includes original owner's manual, toggle switch, 12v-to-4.5v voltage regulator, power pole connections, in-line fuse, and many replacement parts including 2 new silver spring contact coils, washers, brass stud, and 2 weather / UV protective coil sheaths and pairs of end caps and collars. Asking \$325.

Like-new Vectronics AT-100 Active Antenna. Excellent condition -- minty. Includes: original manual, telescopic whip, 12v power cord (with PowerPoles installed), red plastic knob, and original box. Will also run on internal 9v battery (not included). Asking \$70.

Midland Weather Monitor with Silent Alarm. Great condition. Silent monitoring with instant alert on approaching storms. NOAA weather channels. Battery backup for coverage when power goes out. Asking \$20.

Jonathan, KK7PW 206-200-3464

FOR SALE: TS-870 \$649, serial no. 71000015, for sale by original owner K7QQ in Gig Harbor area. In working condition and includes original manual, double boxes with the foam inserts. Ask for Dan at (253) 884-9396.

ANNOUNCING
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ELECTRONICS SHOW
& FLEAMARKET



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VE Exam Information: (425) 788 0152, ag7t@arrl.net



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	COMMERCIAL BOOTHS @ \$112 EACH SELLER/HELPER ADMISSIONS (NOT INCLUDED, see below) (200 SQ FEET, Four 8'X30" TABLES INCLUDED)	
	SELLER TABLES 8'X30" @ \$25 EACH SELLER/HELPERS ADMISSIONS (NOT INCLUDED see below) (Includes access to electricity, bring minimum 50' UL listed cord)	
	SELLER REGISTRATIONS @ \$9 EACH (LIMIT OF ONE PER TABLE PURCHASED)	
	TABLE HELPER REGISTRATIONS @ \$11 EACH (LIMIT OF TWO PER TABLE PURCHASED) (LIMIT ONE PER INFO TABLE)	
	DAY OF EVENT ADMISSIONS @ \$10 (HONORED @ 9AM, March 10th-SENT BY RETURN MAIL- NO ORDERS AFTER 02/23/18)	
TOTAL ENCLOSED =		

MARCH 10 (SATURDAY) - 5:30AM TO 8:30AM

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. BE FLEXIBLE AND <u>GET GROUP REQUESTS IN EARLY.</u>
EXAMPLE ORDERS: 1 TABLE & 1 SELLER = \$34
1 TABLE & 1 SELLER & 1 HELPER = \$45
1 TABLE & 1 SELLER & 2 HELPERS = \$56
2 TABLES & 2 SELLER = \$68
1 BOOTH & 2 SELLERS = \$130

(WALK-INS ONLY!) If you prefer to pickup your Registration packet at the Gold Gate, NE corner of the Fairgrounds? Check Here ()

SELLER SETUP TIMES

MARCH 9 (FRIDAY) - 2PM TO 7:30PM

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: ()

TOTEM TABLOID

Western Washington DX Club, Inc.

P.O. Box 395

Mercer Island, WA 98040

The Totem Tabloid

The *Totem Tabloid* is published 11 times per year (no August issue) by the Western Washington DX Club, Inc, P.O. Box 395, Mercer Island, WA 98040.

Advertising

The *Totem Tabloid* accepts commercial advertising. For rates and specifications, please direct inquiries to the WWDXC at the address listed above. Totem Trader non-commercial ads are free to WWDXC members.

Articles and News Items

The *Tabloid* depends on submissions of articles and news items from its readers. Send all items of interest to the *Tabloid* editor:

Kip Edwards, W6SZN
PO Box 178
Indianola, WA 98342
Email: kedwards@ltol.com

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