



December 2014

NEXT MEETING IS DECEMBER 9



Our annual Christmas Party

Membership Awards

Election of Officers

Upgraded Dinner for the Same Price

Rob's 125th Street Grill, located at 125th and Aurora Avenue North

Dinner at 6:30 p.m., program starts at 7:30 p.m. Dinner is \$ 20 including tax and tip

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

The President Speaks

Adam Blackmer, K7EDX

Well, I hope you all had a great Thanksgiving! There is much to be thankful for and this club would not be what it is without you. So I am thankful for you and what you uniquely bring to this great group.

We are now at the height of the contest season. As I write this, many of you are in the middle of the CQWW CW contest. I hope those of you who are participating are doing well. Conditions seem to be good, so I look forward to seeing the points add up.

In less than a week, we will be having our annual Christmas party. We have some club business to do, as we hold our annual elections. If you are interested in running for an officer position or for a board member position, please let me know as soon as you can. Two board positions come up for election every year. The duties of these positions are explained in the club by-laws which can be found on the club website. While officer positions have just a one year term, board positions are for three years. With three sets of board members, this helps to keep continuity over time. It's definitely a privilege to work with this fine group. Serving on the board has given me a tremendous opportunity to get to know these members more closely.

At the meeting we will be presenting the club awards for 2014. Thank you to everyone who sent in their nominations. The board had a difficult time selecting the winners, as we had a number of very deserving members nominated for all of the categories.

As in the past few years, the December dinner menu will be upgraded above our normal dinner. The upgrade has no additional cost to you and will be covered by the club. Last year's dinner was fantastic and I know this year's will be too!

We are also raising the level of the raffle prizes for this meeting. There will be a SteppIR Antenna, Yamaha CM500 headset with built in microphone, Logitech wireless keyboard/mouse combo, Baofeng 2m/440 HT, Rasberry Pi B+ starter kit, and more!

One of the primary purposes of the club is to help fund DXpeditions. Last month funding was approved for KP1 Navassa. I know there are many of us that need this rare one! We also sent some money to Rob N7QT to help with all of his

recent expeditions. This month we just approved funding for the EP6T Kish Island Iranian DXpedition, and the E3A Eritrea DXpedition. Both of these are in the top 25 most wanted from the West Coast. Last, we approved funding for the TI9A expedition to Cocos Island. The funding for these expeditions alone account for almost half of our annual income. Your club dues certainly matter. Thank you for doing your part. WAS is just not as cool as DXCC and Honor Roll!

As we move into the Christmas season I wish for you a joyous time with your friends and family. Your club friends and I hope to see you December 9th.

Merry Christmas and good DX!

Random Comments From the Editor

As many have noted on the reflector, conditions for CQWW CW were really good. DXCC on 10 through 40 was available from the West Coast and there were plenty of semi-rare countries active. Unfortunately, I don't think I've experienced worse operator courtesy. I didn't keep a running tally but there were many times when I was running and, out of the blue with no warning, a very loud CQ showed up. And it wasn't just folks who may not know better; one club member did it to me twice. Come on guys, a simple "QRL?" followed by a three-second pause at least once ought to be a rule but it's the minimum required, in my opinion. On a related note, when you find out that the frequency is occupied, a QSY of 100 kilocycles is no QSY at all (same club member).

Not too much happening this much DX-wise but things really start happening after the first of the year. Navassa Island K1N, another K4UEE mega-DXpedition, will start up in last January and should be easy for us. For the full story see <http://navassadx.com/> EP6T will be active from January 15 to January 28 with lot of operators and stations. I was the NCDXF Liaison for their grant application and exchanged many emails with the team leaders. They are very aware that this will be a tough one for the West Coast and they've done a lot to optimize our chances. For the latest press release and all of the details, see <http://www.rockall.be/> Finally, the Cocos Island DXpedition is scheduled for February 16-23, 2015. The original call was TI9A but now appears to be TI9/3Z9DX (I wonder whose idea that was?). As I write this (Wednesday), there is some question whether this operation will actually happen, as Jon, K7CO, has dropped out, leaving the mandatory TI and 3Z9DX as the two operators. Jon was supposed to handle CW and they're looking for a replacement. For all of the current news, see <http://www.nielsen.net/ti9a/>

Last September, Zorro, JH1AJT, was active from Eritrea as E30FB, SSB only. Zorro made about 4,500 QSOs, leaving many disappointed. Well, there's good news: The Intrepid DX Group (N6PSE, K3LP, etc.) will be activating Eritrea March 5-17, 2015. These are the guys that put on YI9PSE, 7O6T, ST0R and others and Paul, N6PSE, looks out for the West Coast. There's no DXpedition website yet but I'm sure one will appear shortly.

Don't forget that the DX Ladder will appear in next month's issue of the Tabloid so please send your updated numbers to Jim, WA7SRZ.

Season's greetings from your Editor!

Membership News

Jim Hadlock, K7WA

The WWDXC welcomes one new member this month: Matthew Redding K7MGR, Seattle, WA.

Thanks to everyone who participated in the 2014 Washington Salmon Run! The Results are posted on the WWDXC website, Participation Certificates have been sent out, and work is in progress to get the Smoked Salmon Awards out soon. Special thanks to the team making things go so smoothly this year: N7WA, K7SR, K7EDX, N7UK, K7DSE, and KQ7W.

Have a Happy Holiday Season and Lots of DX in the New Year!

Contest Activity Report December 2014

Mike "Dink" Dinkelman, N7WA

Well, I hope every survived the cold and the winds. I was at work when the winds started up and my wife called about the electricity going out. She also went out to check on the property and said she thought she heard some banging from the tower and asked if my antennas should come to a point. She had me scared until I got home but thankfully, all was well. I've had to do wind related antenna repair work the past two summers which required pulling yagis off the tower. I am NOT looking for a third.

It's been a BUSY month. It started out with a bang on the very first day of the month with CW Sweeps. For me and some of you, it continued that week and the second weekend with W1AW/7. Then we had SSB sweeps. By the time you get this, CQWW CW will be completed and it's a NW Trophy counter. We'll have a NW trophy break until the ARRL Roundup come around but there will be plenty of specialty contesting available with the ARRL 160 and ARRL 10 (10 still lives!) single band tests and the Stew Perry at the end of the month. Meanwhile, here's what everyone did last month.

CW Sweeps

Call	Score	Totals QSOs	Sections	160 Q	80 Q	40 Q	20 Q	15 Q	10 Q
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Single Op HP

KN7T	161,212	983	82	0	70	103	225	565	20
WC7Q	113,400	700	81	0	21	224	26	330	99

Single Op LP

N7WA	133,332	813	82	0	21	115	226	341	110
W7OM	111,456	788	81						
K7SS	83,000	500	83						
KX7L	60,368	392	77	13	85	108	136	50	0
W7QN	32,562	243	67	0	14	21	65	79	64

Single Op QRP

NN7SS (K6UFO)	111,028	677	82	0	37	93	219	180	148
K7HBN	56,862	351	81	0	14	34	136	114	53

SO Unlimited HP

K7RL	181,770	1095	83	0	50	294	209	391	151
K7EG	15,744	96	82		10	35	39	12	

SOAPBOX:

W7QN: Antennas all bands Hustler Mobile Whips. I got soaked changing antennas Sunday hi. Ohhhh the joys of contesting. (We need to get you a screwdriver Joe - dink)

KN7T: Missed only VI for the sweep - never heard them on any band.

K7SS: Last mult needed was VY1/VE8... had heard VE8EV give NR5M superstation QSO nr 4 last nite on 40.. so figured the odds of having him call me were pretty slim. Late today on 15 tuned on to a local (I mean REALLY LOCAL.. half a mile away due east..WA7AA pinning my meter) as VY1EI answered his CQ ... VY1EI was QRP.. So tried to nudge up as close as one can to a 60 over 9 "CQ SS" from the neighbor but not too far away from him, so that the VY might happen upon me calling him. Called VY1EI for about 3 or 4 solid minutes, called up, called down, beaming NE, and he finally came back...for the sweep.

KX7L: Didn't quite match my most recent medium power entry from 2010, but came close. Bumped up the power in hopes of getting the elusive sweep. But no soap. Might have to go unassisted to do that. I thought I was off to a good start though, working DE, RI, ME and NLI in the first 10 minutes, but in spite of working 11 EPA's and 17 MDC's, once again, it seems SS has been banned in Pittsburgh: no WPA's! (also no QC, AB, AR, NL) Almost no BC(!) either, then finally found VE7SZ in the last 2 minutes of the contest! Thanks for the fun!

K7EG: Missed one section - NT. NT was a "no show". N1MM+ made spotting and filling mults a breeze running assisted. My only interest in this fun contest is doing a SWEEP. I have two SWEEPS already. Maybe my luck will turn in the SS phone test coming up.

K7HBN: Had fun as usual. Missed NT and QC, heard both but couldn't get their attention. Nice score from N0AX, way to go Ward, but I don't see a score from NN7SS yet, I think he will be right there with N0AX. CW SS is better for QRP than a DX Test, many fewer dit dit dah dah dit dit's de K7HBN

WC7Q: Great contest as usual. Band conditions were very good. Thanks to all for the Q's.

K7RL: Went into the house for a quick break early Sunday afternoon and got sucked into the Seahawks game. Hard to tell which was uglier; the Seahawks win, or the Sunday afternoon SS doldrums. Conditions seemed pretty good, although I was consistently 80+ Qs behind last year's effort. Looking at 2013, it appears scores are generally lower this year, so perhaps participation was down?

This contest really attracts so many great CW ops. It's always a pleasure to get on and work everyone. Thanks to all for the Qs!

NN7SS(K6UFO): When I beat N0AX last year using his own old station, I knew I was going to be in trouble this year. Well, "Revenge of the Nerd," he sprinted out ahead of me and walloped me. Well done, Ward!

I got to the station late Friday, assuming everything was in good shape. Saturday I setup and had a good start with a 60 rate for the first hour, excellent for QRP! But, but, something is wrong with the Steppir. Weak signals, no big runs (well, as good as can be scared up while QRP), and poor SWR. When I left 10m in the 3rd hour, I tried to figure it out and my rate suffered from the distraction. I just should have ignored it. It's my "lower" second tribander for SO2R and I could have adapted somehow, but I dearly wanted it for Sunday.

As we moved to the low bands, conditions were lousy, which really took a toll on QRP. I stopped at 11 hrs with only 357 QSOs instead of my goal of 400. The Mult count was fine with 77. My brief overnight sleep was plagued with dreams of antennas, but a solution came to mind and first thing Sunday morning the Steppir antenna was fixed. Yeah! This was at very early Oh-dark-thirty, so I cooled on 40m and 20m until sunrise and I could get up to 15m and 10m where QRPers have a chance.

Still, no good runs, a lot of tuning for the needed Mults, and endless CQing. I never gave up, and I am satisfied I gave my best effort on Sunday with CQing and tuning looking for new stations and strong enough to hear me. It just wasn't enough. Congratulations to Ward, KE3X, VE6EX and N1RR who I kept tuning across and heard their high Q numbers. The last few Mults were found Sunday morning, as usual - with the exception of NT, and I never heard a VY1 or VE8 in all my tuning. See you in SSB, unless I regain some common sense.

N7WA: Been working all summer to 1) get 40M beam fixed after the reflector was knocked off kilter last winter and 2) get the C31XR back on the tower at 60' (it came off LAST summer and never got back on). Even then, the C31XR is fixed in position until I get the Tic Ring rotating. Just ran out of weather. Friday, I just got an 80M antenna (50' vertical) up and adjusted out in the dark with some hastily laid out radials. I was looking forward to this test because I haven't done any tests from HOME since last year's Sweeps.

It started out OK with about 140 Q's in the first 2 hours. 10M was in good shape, though not very busy, and 15M seemed to be the happening place. However, rates just slowly declined through the day. 20M was ok but when it petered out, 40M and 80M never had any real spark and my numbers are way down on those bands. I

am glad I put the 80M antenna up. I got more mults out of 80 than I did on 40. Still, I went to bed a couple hours earlier than usual.

The morning was almost a straight shot up to 20M, then 15. No real time on 40/80. Glad I got my close-in mults the night before. We all know about Sunday. You just constantly search for the new ones. If you are into SO2R, you call CQ incessantly while searching for new ones. I pulled out 45 Q's with the second radio including several needed mults. Like many others, I missed one section - NT. Never even heard one. Instead of a discussion to make more sections out of MAR, maybe the discussion should be to combine NT with a province that actually has a radio population. My total Q count is down about 100 but I am always glad I did the test.

SSB Sweeps

Call	Totals Score	QSOs	Sections	160 Q	80 Q	40 Q	20 Q	15 Q	10 Q	
Multi-Op HP										
K7IR	289,172	1742	83	79	357	471	610	225	0	
Single Op HP										
W7WA	373,500	2,250	83	0	37	426	642	624	521	
K7RI	167,328	1,008	83							
N7RVD	8,600	100	43					77	23	
Single Op LP										
W7ZZ	102,222	631	81	0	41	80	200	175	135	
K7SS	55,444	334	83							
WA7PRC	38,778	281	69	0	9	59	63	62	88	
K7IDX	19,422	117	83							
W7QN	15,576	132	59							
N7WA	5,040	72	35	0	0	0	72	0	0	
Single Op QRP										
NN7SS (K6UFO)	94,620	570	83			25	36	146	200	163
SO Unlimited HP										
K7EG	15,272	92	83			1	17	29	33	12

K7SS: Lots of scouring the bands for last sections: OK, NNY. Resorted to CQing and asking, and both showed up.. late on 20. Best number heard: W7WA. Congratulations, Dan.

W7QN: With the A17 & K4 didn't do much on 40. Signals were light and they didn't hear me. 80 was a little better. 100 watts to mobile whips.

K7RI: Family commitments precluded a full-time operation this year. Only was able to operate about 16 hours of the 24 hour period. The extra 8 hours would have made a much better score possible. Nevertheless, I had fun ... hi. Thanks to all who worked me.

K7EG: Goal was a SWEEP. Made it with only 92 Q's. Fun challenge.

K7IR: We were missing three people from our usual complement of operators. We had a grand time from Moses Lake, Washington. Before the contest we had to use a heater to thin the lubricant in the crank up tower gearbox to get it to work. Band conditions seemed pretty darned good, we stayed on 20m on Saturday evening until almost 8pm local. That might have hurt us, but hey, it sure was fun. The electrical noise has increased over the years, making lower-frequency operation more challenging from here. Seems like there were more schools on, might be nice to incent that more for this contest. We ran this contest with one radio and two antennas. One team member left a crucial box of gear containing all of the bandpass filters and the 2nd K3 at home, only realizing it after we drove 180 miles, so didn't have an opportunity to try our new lockout - OOPS.

Thanks for all of the contacts. We appreciated hearing familiar calls, and look forward to reading the stories on 3830. One of our team members went to 3830 after the contest, but was only able to drum up interest from one other station to exchange scores. Mike K7IR would like to revive 3830 as a post-contest chat frequency.

N7RVD: Ward, N0AX says "Hi." Work and family cut into the radio time this weekend. I managed just 98 minutes of SS. 10 meters was open to the east coast, and, although my signal reports were good, the noise level was high and my rate was under 40 per hour. I stayed on 10 way too long. 15 meters was much better with very little atmospheric noise and the rate counter consistently running 100-140 Q's an hour. Fun contest. Would have liked to play more.

NN7SS(K6UFO): After a disappointing showing in CW (probable 6th place), I was growing worried about Phone. I carefully checked my signal while setting the

mic and processor back to a Heil headset/microphone, since I left the Yamaha down in SF. I also spent a day moving the 80m loop to favoring North/South so I could work those hundreds of W6s. Didn't help, I worked less 80m QSOs than last year. 40m was also in poor condition.

Luckily, 10m and 15m were in good condition and provided a great start on Saturday (and a fairly good Sunday). After the first 5 hours, I was 30 percent ahead of last year, but that lead stalled when I had to go to 40m and 80m. I quit after 11 hrs with a slight lead over last year.

I take off 6hrs straight, but at 6AM it was still too dark for any high bands, so the second cup of coffee won for an extra 30 minutes off. I went from 40m to 20m and 15m as soon as I could, but I held back on 10m until the panadapter showed strong signals around 18z. It was the usual QRP work, find an empty spot and CQ until it's taken. Tune the second radio quickly for the needed mults, and then slowly to find anyone who can hear me.

I've learned to worry about rate, not the sweep. In the first hour I already had NT, PR and QC. By the end of Saturday I had 81 mults, missing only NNY and ONE which were found with Sunday's second radio S&P.

Whenever I looked at 20m there were no holes, and the QRM level so high that my QRP would not be heard. I lagged behind the crowd, but finally moved up there at 00Z until the end of the contest. No way was I going back to 40m or 80m! Only 1 or 2 percent of the big guns have ugly signals, but they really trash a wide space. I had one computer lockup, probably due to my fumbling SO2R clicking and button-pushing. No QSOs lost, thanks Writelog!

As usual, I can make more QSOs on Sunday, with the high bands better for QRP. But I finished 16 QSOs behind last year. Good enough! I never worked or heard a "Q" station with a higher number.

Sweepstakes reminds me that short, multi-band contests are more fun, like Thursday night NCCC Sprints and NAQPs. See you there!

W7ZZ: All wire antennas. No towers. No aluminum.

N7WA: Just got on to be fresh meat. Had to build a microphone cable first as I seem to have lost my usual one. I think that took longer than I was actually on.

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 them 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/johnsan/dx_ss_routes.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/)

WWDXC DXCC Ladder

Jim Rockey, WA7SRZ

The WWDXC DXCC Ladder is now on the website. You can find it by clicking on “DXCC Ladder” on the homepage or by going to <http://www.wwdxc.org/dxcc-ladder-2/> and clicking on “click for dxcc ladder” Accordingly, the Board has decided to discontinue a full listing of the DXCC ladder each month in the Tabloid. **The Tabloid will publish the DXCC ladder each year in the January issue, so that each member’s end-of-year totals will appear as the new year begins. So please get your updated totals to me by mid-December.**

Announced DXpeditions

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)

December 2014 Contest Calendar

In case anyone reading this is not aware of it, Bruce Horn, WA7BNM, has a website that is truly a one-stop place for all things related to contesting. The link is <http://www.hornucopia.com/contestcal/> or just 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 Packet Alert Network Frequencies

Bob Nielsen, N7XY (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

Lee Sawkins, VE7CC, has written a versatile Windows user program that works with AR Cluster, CC Cluster or DX Spider nodes. It can be downloaded from <http://www.bcdxc.org/ve7cc/default.html>

Totem Trader

FOR SALE: Array Solutions Power Master Meter 1 with cables and wall wart. \$350. Also I have 3 Ham Sticks for 6m/10m and 20m. \$20. Jim, WA7SRZ

FOR SALE: Towers for sale from the estate of W7IJ:

Rohn 45G Tower 93' Tower consisting of:

- 8 Rohn 45G 10' Sections
- 1 Rohn 45G 5' Section (Cut off 10' section, can be used as short base section in concrete)
- 1 Rohn 45AG4 8' Flat top Section
- 1 Rohn AS-455G Rotor Shelf
- 1 Rohn TB4 Heavy Duty Thrust Bearing for 3" O.D. Mast
- 3 Rohn GA-45GD Guy Bracket Assemblies
- 3 Rohn EP25343 Equalizer Plate Assembly 3 hole for guy line anchors
- 6 3/8" Polygon Guy cables with Turnbuckles (Top & Center Guys)
- 3 1/4" EHS Galvanized Guy cables with Turnbuckles (Bottom Guys)
- 1 Heavy Duty Mast

Purchased & Installed: August 2005, Taken Down September 2014

On the ground and ready for pick up near Roy, Washington.

\$ 2,000.00

Tri-Ex LM-470 70' Motorized Crank up Tower (S/N 69287) with:

- 1 Lifting fixture
- 1 Rotor Shelf
- 1 Thrust Bearing
- 3) Cable Stand Off's

Purchased 1995. On the ground and ready for pick up near Roy, Washington.

(A forklift is available for setting tower on your trailer)

Winch Motor may have to be changed out.

\$ 2,000.00

Contact: Nick Winter, K7MO wjnjr@blarg.net (253) 318-8180 cell

FOR SALE:

W2IHY IPlus Audio Switch--You can simply turn a switch to send your rack audio or W2IHY audio to one of three radios, and at the same time have the PTT, amplifier and speaker connections all ready to go. Connect it all up once and then forget it. Comes with 2 Icom cables and one Yasue cable

\$150.00 (Currently sells for \$239.99) New condition.

Scorpion Screwdriver Antenna SA-680 (Rated 5.0 out of 5 on Eham)

\$450.00 (Currently sells for \$850.00) Fantastic antenna, but I sold my truck and have no use for it now. Includes all attachments.

West Mountain CLRspkr ClearSpeech® DSP Noise Reduction Speaker

\$125.00 (Currently sells for \$219.95)

SGC ADSP2 Speaker (SG-7014)

\$50.00 (Out of production)

Turbo Tuner 2 (Icom) Mobile screwdriver tuner

\$175.00 (Currently sells for \$309.00)

Turbo Tuner (Original) Mobile screwdriver tuner

\$100.00

For any or all of the above, contact Mel, N7GCO

FOR SALE: 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

FOR SALE: Hygain TH7DXX tribander in good shape. Replaced it with Steppir. On the ground ready for pickup (West Seattle). All stainless hardware with new stainless truss. \$200 obo. Rod, W7OM 206- 937-9414 or w7om@arrl.net

FOR SALE: 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

TOTEM TABLOID
Western Washington DX Club, Inc.
P.O. Box 395
Mercer Island, WA 98040

The Totem Tabloid

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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@itol.com

Deadline for each issue is the last Friday of the preceding month.

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Joining the Western Washington DX Club

To join the WWDXC or sponsor a new member, please send an SASE for a membership application form to the WWDXC, P.O. Box 395, Mercer Island, WA 98040. Annual dues, including a subscription to the *Totem Tabloid*, are \$25.00.

Internet Access

Information on the Western Washington DX Club is also available on the internet at www.wwdxc.org