



March 2005

Beverages

No, not the drinkable type, but those fascinating long wires that somehow bring those low band weak signals up to a level where even you with your modest station can hear them!!

Our own beverage connoisseur, Ward Silver, NØAX, will provide an overview on how single-wire and two-wire Beverages work. He will also describe a four-direction switchable system he recently built at his QTH. It promises to be a “must see” presentation that will leave you wanting to run home and build one for your station.

March Meeting – Location

Angelo’s Restaurant
1830 130th Avenue N.E.
Bellevue, WA 98005
425/883-2777

March Meeting – Time and Date

Tuesday, March 8, 2005
Dinner at 6:30 p.m. - Program at 7:30 p.m.

Last month’s “after meeting bull session” was enjoyed by the many members that stayed around after the normal meeting and visited. Plan on attending this month’s session, have a beverage, and discuss how you can build your own Beverage.

ARRL DX CW from WPA

By Ward Silver, NØAX

I was fortunate enough to be invited to the K3LR multi-multi operation for ARRL DX CW this year and, once again, had a great time! DX contests are a LOT more fun from back east than out west when the sunspots are low. They also have a much different character, as we'll get to later. First, the particulars...

K3LR is located in West Middlesex, which is just east of the Ohio border and immediately (and I mean IMMEDIATELY) north of I-80 (you can see the semi on this picture...). It's about an hour's drive north of Pittsburgh through some pretty good-sized hills. The station has stacked monobanders on 40 - 10 plus a pair of 4-squares on 80 and a wire 4-square on 160. We called the pair of 80-meter 4-squares "The Big Lumber." Inside, each band from 40 - 10 has a pair of stations, including an interlocked amplifier for each. 80 and 160 are set up for a

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I-80 through aluminum jungle

single operator each. The panorama photos show the arrangement; 160, 15, 10, 20, and 40 around the outside with 80 in the middle. It rocks!

I shared 20-meters with Pat N9RV. Unlike out here, we were able to stay on round-the-clock, although things got a mite slow between 0600 and 0900. Also unlike out west, JA's were fairly few - we didn't get that second layer on 20. Yeah, boo-hoo, I hear you say. Of course Europe made up for it! A little bit after their sunrise, you'll hear a couple of stations trickle through, but about an hour before K3LR sunrise, things start to perk up. Although the 20-meter rate doesn't get as blistering as on 15 or 10 (when it's open), it's very steady and



**10 Meters with W2AU and N3GJ
80 Meters with K3UA**

far deeper than anything you'll hear out here at any time. There are a LOT of Little Pistols that don't cross the Rockies from Zone 16, 17, and 20. The antennas on 20 are 5-over-5-over-5 at 170, 110, and 50 feet. The multiplier station has a 5-element at 100' on a separate tower. Needless to say, we didn't hang around in any pileups very long.

So much for old news - propagation is better from the East Coast...ho hum. What's more different is the style of operating. We'll all been frustrated at the wall-to-wall CQ-ing from the aluminum curtain. You really have to be more

aggressive to hold those frequencies and, by golly, the results justify hanging on to them. It can be really tough to hang on after the higher bands start closing and the single-ops start "frequency shopping" on 20. If you hear a "?", you had better respond quickly or you're in a frequency battle with another loud station. With K3LR-sized lumber, you generally prevail, but it's wasted time.

There is also a different style to running and breaking pileups. Out here, that weak caller is much more likely to be a new mult, whereas in WPA, they're just weak. Take the loud



15 Meters with W2RQ and K9VV

guy in one call every time. Out here, we generally tend to wait until the packet pileups thin out before wading in. Back there, you had better pounce quick because KC1XX and W3LPL and NQ4I and K3WW and others will be there in a big hurry, too! There's a lot more "mashing" in pileups on the East Coast, too. I think N7TT with W7RM's hardware is about the only guy out here that has a chance to go toe-to-toe with the East Coast big boys. When we tend to slow our CQ's down because of flutter as the band closes, you just keep rolling there because there isn't any flutter to Europe, just on the JA's much later. It's a very, very different environment. Pat



40 Meters with KL9A and N2NC

showed me a lot of good things - not that they'll do me a whole lot of good out here :-)

So anyway, the final damage was 11.56 M for the team, #3 in the US behind KC1XX and W3LPL. Tim has never won

lot of fun - there are a number of good stations around, too! Just put a note out on the club reflector and see what turns up!



160 Meters with K3LR

ARRL DX CW, so maybe next time! The team was N3GJ & W2AU on 10, W2RQ & K9VV on 15, me and N9RV on 20, KL9A and N2NC on 40, K3UA on 80, and Hizzoner K3LR on 160. Pat and I managed to best the 20 meter teams at LPL and XX, so that was a feather in our caps - most of the heavy lifting was done by Pat.

If you've never operated at a multi-op, I strongly suggest that



Post Contest Mostacioli

you give it a try, even if it's just you and buddy sharing a barefoot radio. Especially in these times of poor conditions, you can share the hours and keep the spirits up. It really is a

Palouse Welcome!

By Steve Sala, K7AWB

The Spokane DX Association (SDXA) welcomes visitors from your side of the state at our monthly meetings on the first Thursday of the month at 7 pm. We alternate between two libraries and the exact location for each meeting can be found on our web page at: <http://www.sdxa.org>

March Contest Report

By Mike Dinkelman, N7WA

Lot's of activity again last month. Nice to see so many participate in the ARRL DX. One thing is for certain, even if we don't pile up as many points, we do have a lot more participants than our friends to the North or South.

2005 ARRL DX CW

(had to make some guesses on classes that weren't reported)

Call	QSOs	Mults	hr	Score
<u>US/VE M/M HP</u> NØAX at K3LR				1,156,000
<u>US/VE SOAB HP</u>				
N6HR	374	183	11	204,777
W7TS	293	146		128,334
W7IIT	310	112		104,160
W7VV	172	77		39,732
N7BF	72	22	4	4,752
<u>US/VE SOAB LP</u>				
K7ZA	805	233		562,000
W7TMT	340	116		118,320
K7BTW	203	79		51,156
WA7AVL	168	97		48,888
N7UK	146	86	18	37,668
AB7RW	143			29,172
W7GTO	118	70		24,780
N9ADG	70	33		6,930
W7SNH	18	9		486
<u>US/VE SOAB QRP</u>				
K7HBN	284	111		94,572
<u>US/VE SOAB(A) LP</u>				
N6MZ	300	113		101,700
<u>US/VE SOSB/20 HP</u>				
W7WA	1161	102		355,266 WWDXC
<u>US/VE SOSB/20 LP</u>				
NG7Z	32	15		1,440
<u>US/VE SOSB/40(A) HP</u>				
N7BV	636	91		166,530
<u>US/VE SOSB/40 LP</u>				
K7WA	92	37	20	10,212
<u>US/VE SOSB/40 QRP</u>				
N7XY	27	37	20	1,296

Results - 2005 February CW Sprint.

* indicates low power

Call	20	40	80	QSO	Mlt	Score
W7VJ	127	141	65	333	43	14319
N0AX	105	109	61	275	39	10725
N7LOX	109	81	58	248	39	9672
N7WA	88	100	50	238	38	9044
K7WA	89	50	29	168	32	5376

2005 NA Sprint SSB

Call	QSOs	Mults	hr	Score
Single Op HP				
K7RI (K7SS)	329	49	4	16,121
W7WA	340	44		14,916
N7LOX	256	44	4	11,264

2005 NAQP RTTY

Call	QSOs	Mults	hr	Score
USA Single Op LP				
W7TMT	330	126		41,580
N7BF	227	108	7	24,516

2005 CQ160 SSB

Call	QSOs	StPrv	DX	hr	Score
USA Single Op HP					
W7DX (N9ADG)	655	56	12	24	103,972
K7RL	521	60	5	18	79,690

WWDXC Annual Award

By Jim Hadlock, K7WA

The WWDXC Annual Award is available to WWDXC members who work 100 DXCC entities in one calendar year. No QSLs are required for this award.

Burt, W7IIT, has qualified for a 2004 WWDXC Annual DX Award for 119 All Band/CW, and 128 All Band/Mixed Mode.

If you worked 100 or more DXCC entities in 2004 submit a list of contacts (no QSLs necessary) to Jim, K7WA (k7wa@arrl.net).

--- Mike and Key Amateur Radio Club ---

24th ELECTRONICS SHOW AND FLEAMARKET

--- Saturday, March 12, 2005 ---

Ticket Sales open at 8:00 AM; Doors open at 9:00 AM; Most Dealers Close at 3:00 PM

Details at www.mikeandkey.com/flea.htm

WWDXC at Puyallup!

By Jim Hadlock, K7WA

The WWDXC will have an information table at the Mike and Key ARC Electronics Show and Fleamarket, Saturday, March 12th, at the Western Washington Fairgrounds in Puyallup. Come by our table to say hello and chat with club members and others interested in DXing, Contests, and whatever else strikes our fancy.

Totem Trader

FOR SALE

FT-1000D - Inrad filters, computer interface unit, Yaesu hand mic --- \$2,400

Heil Pro-Set mic headset with adapter cord for Yaesu radios -- \$75

Industrial Communications Engineers (ICE) Model 321 8KW PEP Lowpass RF filter --- \$20

KT36XA Tribander --- \$650

Tom, K7RI - (206) 935-0457

K7WZ in Port Angeles area has a Henry 2k3 amp with a spare pair of new 3-500s for sale. Asking \$600. As of a year ago was in excellent operating condition. Cosmetically it has some scratches so call it about a 7. Reply direct to k7wz@tenforward.com please. Pickup only.

Larry Short - N7YQ - a member of the WWDXC club passed away recently, and his XYL (Nita) requested that I handle the sale of his amateur radio equipment:

The following is a list of the major items to be sold:

1. Kenwood TS850S H.F. transceiver, includes SP31 matching Speaker and headphones. (Like New)
2. Ameritran ALS600 solid state linear amplifier, including Installed adapter for 10/12m. band coverage, and separate Power Supply. (Like New)
3. MFJ Versa Tuner II, 300 w. H.F. antenna tuner.
4. B&W VS300A Transmatch, 300W. H.F. Antenna Tuner.
5. Two BENCHER Iambic paddle keyers.
6. Timewave DSP 9+ Digital Signal Processor.
7. Astron 35A D.C. Power Supply.
8. Astron 12A D.C. Power Supply.
9. KLM KT34A Triband Beam.
10. High Gain "Tail Twister" antenna rotator.
11. Butternut HF9 Vertical Antenna with Counterpoise.
12. Misc. Items, i.e. 2- vhf/uhf scanners, Antique National NC300 Receiver (Like New), etc.

W7JEN Phone: (425) 486-9890 E-mail: w7jen@aol.com

DX Packet Alert Network Frequencies

By Bob Nielsen, N7XY

W7DX North East Bellevue (AR-Cluster node) 145.75 MHz, **K7UU** sysop.

Telnet to w7dx.net

User documents at <http://www.ab5k.net>

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

Telnet to w7pkt.net, port 7300

user documents at

<http://www.dxcluster.org/main/usermanual.html>

N7XY Bainbridge Is. (DX Spider Node) 145.77 MHz, **N7XY** sysop.

Telnet to n7xy.net, port 7300

or <http://n7xy.net/cgibin/spider.cgi>

K7JY-2 University of Washington NETROM 145.75

N6MZ-4 Bellevue Sommerset NETROM 145.75

N7FSW-6 West Seattle NETROM 145.75

If you need help, email n7xy@oz.net.

Lee Sawkins, VE7CC has written a versatile Windows user program which works with either AR-Cluster or DX Spider nodes. It can be downloaded from

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

Kure Atoll DXpedition

We are pleased to announce a DXpedition to Kure Atoll, at the extreme northwestern end of the Hawaiian Islands, during Sep-Oct, 2005. The callsign for the operation will be K7C.

Kure is currently #10 on DX-Magazine's Most-Wanted List, and #1 on the German DX Foundation's list. The radio team includes Bob KK6EK (Expedition Leader), Garry NI6T (co-organizer), Alan AD6E (co-organizer), **Mike N6MZ**, **Ward N0AX**, John N7CQQ, Charlie W6KK, Franz DJ9ZB, Max I8NHJ, Alan K6SRZ (Expedition doctor), and Kathryn K6DZL (Educational program), plus two more radio operators to be selected.

The team will be QRV with four stations on all bands/modes, including 6m and RTTY. In addition to the radio operations, the group is developing an innovative real-time interactive web-satellite-based system called "DXA." This system will enable the DXer to see and interact with activities of the operation as they happen, using any web browser.

The group also will be carrying out several scientific projects in collaboration with naturalists on the atoll to help restore and protect its fragile ecosystem.

Finally, the group is developing an educational program that will utilize the DXA resource to enable students to learn from and interact with the onsite team. The project is being strongly supported by ICOM and the Pacific DX Group (Kimo KH7U

and Patrick KH6UY). The team and project will be visible at Visalia and Dayton.

QSL Manager is Tom N4XP, %K4TSJ, Box 1, Watkinsville, GA 30677.

The team welcomes comments and suggestions, pilots, programmers, and contributions. The project is being managed by Cordell Expeditions, a nonprofit research organization with a 25-year history of successful expeditions to remote oceanic sites. For more information, please e-mail info@cordell.org (use "Kure7Cordell" in the Subject line) or any member listed above, and look at the full description on www.cordell.org (click on the 2005 Kure Expedition link).

For more information about this Release, please contact:

Dr. Robert Schmieder

CORDELL EXPEDITIONS

4295 Walnut Blvd.

Walnut Creek, CA 94596

(925) 934 3735

KK6EK@cordell.org

Communication Academy 2005

The 2005 Communication Academy will be held on April 2-3 at the Shoreline Conference Center. If you are interested in emergency communications – this is a "Must Attend" event.

Complete details are at www.CommAcademy.org

WDXC Board Meeting 02/28/2005

In attendance

Denny W7SNH

Jim K7WA

Dick K7BTW

Pat W7GTO

Herb W7ZF

Hillar N6HR

Kirk N7UK

Marina N7LSC

Brian N9ADG

Meeting called to order at 1903

Minutes were approved from the last meeting.

Correspondence:

Denny receive the QSLs for W7DX from Adam (which are from the buro). A QSL-ing party is apparently in order.

A list of 18 new amateurs in the area was received from Harry, Denny sent congratulatory letters to them.

A letter was received from the ARRL soliciting for the DXZ Contest plaque

A flier was received from the Yakima Hamfest

Treasurer's Report

Last month \$228.43 was spent, zero was received
A discussion about what policy to pursue for those members not current with their dues was discussed
The proposed budget was then examined line by line;
The programs budget was increased to \$300 -- to be 'comparable' with what other clubs are doing, we'll now pay for a speaker's meal, speaker's spouse's meal;
The ever-popular raffle will be streamlined and potentially improved over the next year by providing the opportunity for increased funding depending on the previous months' collection After further review, the budget is nearly balance, and after the extensive discussion was approved by the board.

New Membership form

Jim has put together a new member application form to replace the old ones, as well as a new single-page brochure to promote the club at such events as Hamfests. The changes made update the club to reflect current activities and status and minimize the unneeded information collected. The new forms were accepted pending small changes.

New Business

Tsunami Relief

W7TSQ proposed some significant donation to the amateurs or organizations involved in Tsunami Relief. It was noted that although the board voted the remaining 2004 DX budget (\$150) to Hurricane relief in December, it instead went to the Red Cross for Tsunami relief since the Florida operation was \$8000 OVER their goal. Resolved: The board will send an additional \$100 (bringing the total to \$250) to an organization involved in that area. The secretary will research and present information on the potential recipients by the next meeting. Also, at the next meeting, a collection will be taken from the general membership to be sent along with the additional amount.

Bylaw/Articles

Hillar has been spelunking through the historical club documents in search of the original and revised versions of by-laws and articles. He believe he has found the original, plus two revisions, latest update made in

1996. He is approximately 75% of the way completed on a DRAFT of new bylaws, which will be presented to the board for review. Certain changes are needed to reflect current rules and conditions regarding bylaws.

Salmon Run

The board is looking for creative ways to increase participation in the Salmon run, perhaps encouraging greater international presentation. Hillar pointed out that emphasis was needed on bands where these contacts could be made, and from counties that were needed by international stations. The event will be talked up at the Hamfest in Puyallup...

W7DX/WWDXC web site & email addresses

The secretary will contact NØAX to see if it's possible to get email addresses for W7DX added to QRZ.COM and QTH.Com and any other place, as well as provide "membership@wwdxc.org" email address for general questions/comments.

Other events

Field day will be held on the eastside in Preston at the QTH of club member N9ADG. Herb W7ZR is overall coordinator, Jim K7WA will be heading up UHF/VHF Operations.

The Portland DX Convention is in August, club is looking into ability for members to go as a group, perhaps by train, to the convention.

The meeting was Adjourned just before 2100.

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, News Items and Classified Ads

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

Jack Fleming, WAØRJY
20148 6th Avenue NE
Seattle, WA 98155
206-361-2732
editor@wwdxc.org

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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 or by email to info@wwdxc.org.