

The Link

January 2010



The Official Journal of the Buffalo Amateur Radio Repeater Association, Inc.

Reminder:

NO Meeting in January!

Next Month is our Annual Auction!

The time is quickly approaching for the Annual BARRA Auction, coming up next month on Monday, February 15th. The ever-popular Bob "Dutch" Dutschman, K2JGI, has been confirmed to once again be our auctioneer.

Start digging through your electronic, um, "stuff" now in preparation for the Auction. All manner of electronics, but especially radio equipment is welcome at our annual event. Also, in the past some members have donated the proceeds of their entire lots to the club and we are always appreciative of that. We recognize that not everyone is in a position to do that, and welcome anyone who wants to sell their wares at our auction.

The club retains 10% of the selling price of each item as a fundraiser to help pay for our meeting space at the church. We will also feature a 50/50 raffle and some door prizes.

So, start getting together your items to sell and we'll see you next month!

Concern for WA2EYF

We are sad to report that Tom Foley, WA2EYF, is in the hospital with some serious medical concerns. In the latest report via W2EAS at press time Ed reports: "[Tom] had a 6½ hour operation a couple of days ago. The took out a large part of the [brain] tumor (which was malignant), but could not get it all. He is probably going to be transferred to Roswell, or some other cancer treatment facility. He has no sight from his left eye and only limited use of his left arm and leg.

"I'm sure that he would appreciate a card, or hearing from us during this very rough time. It would probably be best to send it to his home address." (available in the call book or from your editor)

Hobby Highlights

Richard Sellers, KG2OR

As I read Arnewsline and the ARRL web site this month; I decided to envision my "Hobby Highlight" as electrifying as a solar storm. I found in the September 2006 RAWNY QSO an essay I wrote about "Sunspots." This writing helped me understand the "K7RA Solar Update." Cycle 24 is beginning to develop a significant sunspot. It is called "Sunspot 1035." The scientists are charting more solar flux, A, and K numbers. Thus, operators will experience better DX. The key is knowing how to time the DX call. Please see <http://www.arnewsline.org>, and <http://www.arrl.org> (K7RA Solar Update, and the appropriate links.)



I pointed out in my September 2006 "Hobby Highlight," that Carl Luetzelschwab, K9LA, had written, "The Sun, the Earth, the Ionosphere: What the Numbers Mean, and Propagation Predictions -- A Brief Introduction to Propagation and the major factors affecting it." He wrote about sunspots, atomic theory, coronal mass ejections, solar winds, the indexes, electromagnetic fields, and their role in exchanging electrons in the ionosphere; causing F layer splitting. <http://www.arrl.org/tis/info/K9LA-prop.html>. Along with this article, I read G3YWX, Ian Poole's work about sunspots. <http://www.arrl.org/tis/info/pdf/0209038.pdf>. Considering it takes a couple of days for a sunspot to affect our propagation, it's to our advantage to know what the solar numbers, flux, and A, and K indices mean. So much for references; it's in those articles. And if you still have the September 2006 QSO I noted a couple of web sites defining solar structures. They appear in NOAA, and ASA.

Your best foundation for this science is to know the solar and flux numbers, A, K, and planetary A and K numbers. The technical path analysis for DX within "Cycle 24" will be more specialized; as to region and time, if you focus upon the charts, and follow the propagation reports.

73 de Richard Sellers, KG2OR.

Dues are Due!

As reported in the previous *Link*, we are in the middle of our renewal season. BARRA's fiscal year runs from October to September, so beginning each October dues are subject to renewal. The status of your dues is shown on the mailing label of paper copies of *The Link* and e-mail recipients of the newsletter receive a separate email message. You may also always contact your editor or your treasurer about your dues. Dues are payable in person at a general or Technical Committee meeting, or by mail to the club PO box, address on the back page.

Buffalo Amateur Radio Repeater Association, Inc.

Club Officers & Directors

President	Nelson Oldfield WA2ZSJ '12	634-6394
Vice President	Doug Alderdice KA2WFT '12	834-2664
Secretary	Charles Grammer KA2CQQ '11	886-4513
Treasurer	Ed Swan W2EAS '10	836-0417
Director	Damon Edwards, AB2UK '12	847-2140

Committees & Chairs

Technical	Ted Ertl WA2HKS
Link Editor	Doug Alderdice KA2WFT
Associate Link Editor	Dave Sewhuk N2GH
WNYSORC Representative Chair	Ben Bass N2YDM
Membership,	
Roster & Passwords	KA2WFT, W2EAS
Activities List	Ed Swan W2EAS
ID Badges	W2EAS
Erie County Emer. Coord.	Vince Harzewski N2JRS
Erie County RACES Officer	Gene Kremzier N2OBW

Voice Repeaters

W2EUP	PL 107.2	29.68-	Boston
K2ISO		145.17-	Wethersfield
K2ILH	PL 107.2	146.73-	N. Tonawanda
W2EUP		146.91-	Boston
N2YDM	PL 107.2	147.00+	Kenmore
W2EUP		224.82-	Boston
WR2AHL	PL 110.9	442.00+	Wethersfield
WA2HKS		444.00+	Buffalo
WB2DSS	PL 151.4	444.75+	Kenmore

APRS Digi-peater

K2ILH-2	144.39	Amherst
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BARRA Tech Net

Join the BARRA Technical crew on the 146.91/444.00 system Wednesdays at 8 PM for answers to your technical questions.

RAWNY Net

Stop by Monday evenings at 7:00 pm and join the RAWNY club's net which meets on our 146.91 and 444.00 repeaters.

BARRA on the Internet

<http://barra.hamgate.net>

Club Calls

BARRA holds club calls W2EUP and K2ISO in honor and memory of two of its founders, Gil Boelke, W2EUP, and Hugh Wilson, K2ISO.

CBS-Scanners-Ham-Marine-Business Radios-Radar Detectors

HIRSCH'S

WNY's Largest Communication Store Since 1961
219 California Drive - Williamsville, NY 14221

Hours-M,T,Th,F 10-5:30; Sat. 10-5:00; Closed Wed.

(716) 632-1189

Sales - Service - Installation

WA2OLW (Leprechaun Graphics, 675-3764) still has BARRA jackets and T-shirts available.

Don't Forget to Get Your BARRA Mug!



These great looking, sturdy, quality ceramic mugs sport the BARRA buffalo logo, are dishwasher safe, and let you show your club colors in style!

Only \$5.00 Each!

Available at all club meetings

The BARRA E-Mail List Serves

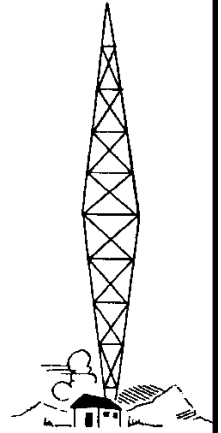
To join, send look up the group "barrabflo" on

<http://groups.yahoo.com>

The Tech Committee also has an email group, BARRA-Tech, on Yahoo Groups. Or, email the editor to receive an invite to join either or both groups.



It's time for the
Annual
BARRA
Ham Radio & Electronics
AUCTION

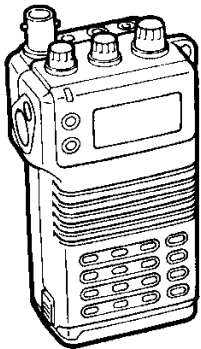


And Everyone's Invited to Buy or Sell!

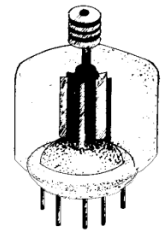
Ham Radio Gear . Scanners . Computer Equipment . Parts
Books . CBs . Test Equipment . More!

Monday, February 15, 2010

St. Bartholomew's Church
2368 Eggert Road
Tonawanda, NY



Doors open at 6:45 pm
Auction begins at 7:30 pm

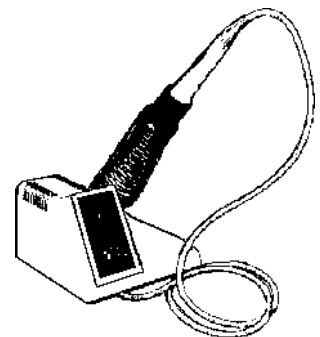
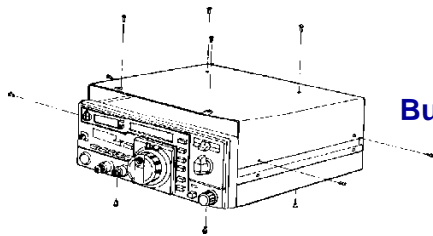


BARRA Retains 10% of each item's selling price.

\$2.00 per person donation
Refreshments Available

50/50 RAFFLE!

For more information contact:
Buffalo Amateur Radio Repeater Association
PO Box 507
N. Tonawanda, NY 14120
<http://barra.hamgate.net>



Buffalo Amateur Radio Repeater Ass'n

Post Office Box 507

N. Tonawanda, NY 14120-0507



FIRST CLASS MAIL

Calendar of Events

GENERAL MEETINGS

General meetings are held at St. Bartholomew's Anglican Church, 2368 Eggert Road, Tonawanda, near Sheridan Drive. Doors open at 7:00 pm for rag chew, business meeting at 7:30, with program following.

Monday, February 15, 2010 -- Annual BARRA Auction. Turn your electronic "stuff" into cash for yourself and treasure for the buyer at our popular sell-fest.

Monday, April 19, 2010 -- Meeting program TBA.

Monday, June 21, 2010 -- Meeting Program TBA.

Saturday-Sunday, June 26-27, 2010 -- Annual BARRA Entry in ARRL Field Day. See December's *Link* for info.



**NO GENERAL MEETINGS IN JANUARY,
MARCH, MAY, AUGUST OR NOVEMBER**

The *Link* is not published in March, May, August and
November.

BOARD MEETINGS

Board Meetings are held the first Tuesday of every month at the **Athens Family Restaurant**, 2801 Harlem Rd, Cheektowaga, between Genesee Street and George Urban Blvd. The meetings begin at 7:30 PM and **members are always welcome** to sit in on a meeting or bring concerns to the board.

TECHNICAL COMMITTEE

The Technical Committee has formal meetings the first Friday of every month at 7:00 PM in Room 117 of the BOCES Potter Road Career and Technical Center, 705 Potter Road, West Seneca (Corner of Slade, Potter and Orchard Park Rds). Come on out to BARRA's own CCITT (Coffee & Crumpets Interrupted by Technical Talk), where progress of current projects is evaluated and new projects are planned. The meetings usually conclude with munchies at a nearby restaurant.

The Annual **BARRA** Auction
is **Next Month!**
Reserve
Monday, February 15th at 7:30 PM
and join in the fun!