

# The Framingham Circuit

Newsletter of the Framingham Amateur Radio Association

February, Vol. 83, No. 2

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and more...

## Feb 4 Meeting

Adrian Zeffert, AB2IX will present "From Spark Gap to Arduino....in 120 Years." Adrian will provide an overview of how far we have come in electronics since the invention of the Spark Gap Transmitter 120 years ago.

## President's Message

This month's speaker will be Adrian Zeffert, AB2IX, whose topic will be "From Spark Gap to Arduino.....in 120 years" - for those of you who got to see this presentation at Boxborough, this is an expanded version, since there will be no 50 minute time restriction. Adrian will provide an overview of how far we have come in electronics since the invention of the Spark Gap Transmitter, 120 years ago. The presentation lightly traces the layers and levels of electronic component science from the open plate capacitors to the current day 10 million transistors on a pinhead, and the fact that it is commonplace now to wire together modules that perform multiple and many functions in a small space, as compared with simple discrete component assemblies of the past. Some Arduino Ham projects are described and Arduino modules will be available to touch.

Last month, Dave Hoaglin, K1HT, presented a DXpedition video concerning the Amsterdam Island 2014 DXpedition. This destination was considerably more hospitable than some of the others he's shown us over the years, though there were still many obstacles to be overcome. Thanks again, Dave, for this presentation.

Following the funeral of Ed, W1NXC, Victor, Ellen and I approached his daughters to find out if there was a particular charity that they would like supported with memorial contributions. The answer is the FARA Scholarship Fund. Any contribution sent to FARA for this purpose will be exclusively used for this purpose, either directly or through the ARRL Foundation Scholarship Program if we lack qualified applicants.

Flea Market season is upon us ... the Algonquin Amateur Radio Club (AARC, Marlborough) will be on Saturday, 13 February 13. Ours is on 10 April. NEAR-Fest (Deerfield, NH) is on the 29th and 30th of April.

Dues are now due. These may be paid at the meeting, or by mail (FARA, PO Box 3005, Framingham, MA 01705-3005). Dues are still only \$15, \$10 for students and seniors over 65 years of age, with an additional \$10 for the repeater.

## FARA Horizons

- Feb 4: Monthly Meeting- Adrian Zeffert, AB2IX, "From Spark Gap to Arduino"
- Mar 3: Monthly Meeting
- Mar 9: VE Session, FARA Shack
- Apr 6: Monthly Meeting
- Apr 10: FARA Flea Market, Keefe Tech
- Apr 29-30: NEAR-Fest, Deerfield, NH
- Jun 2: Monthly Meeting
- Jun 25-26: ARRL Field Day

This month's Circuit sponsored by:

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## "The Master Teacher" Ed Weiss

Along with a couple of current members and some past presidents

Submitted by Steve, AA1IZ



### Submitting Material to the Circuit

Material may be submitted for publication by sending it directly to the editor. This can be done by US Mail, or via the Internet (preferred). The deadline for each issue is the **Wednesday**, one week before the monthly meeting.

#### by mail

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**Meeting:** Club meetings are normally held on the 1st Thursday of each month at 7:30PM in the Framingham Police Station

**Club Nets:** FARA Net: Sunday, 7:30PM, 147.75/147.15 - social/chat, ARES preparedness

**Club Station:** W1FY, the club station and shack, is open Saturday mornings from 9:00-12:00. Call the club number, 508-879-8097 to confirm.

**Club Web Site:** <http://www.fara.org>

**Mail Address:** PO Box 3005  
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