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# TERAC NEWSLETTER

(TEchnology Radio Amateur Club)

**MARCH 2013**

[K7AUO@ARRL.NET](mailto:K7AUO@ARRL.NET) .... [WWW.TERAC.ORG](http://WWW.TERAC.ORG)



**Meeting and dinner now at same location  
Meeting Time: Thursday March 14th, 2013, 7:30PM  
Talk-In: 443.65 MHz Simplex**

**Max's Fanno Creek Pub, 12562 SW Main St. #100, Tigard, Oregon**

**Developing 20kW at 64 MHz for use in Magnetic Resonance Imaging  
Dave Haupt W8NF**

## MARCH MEETING

Our presenter this month is Dave Haupt, W8NF. Dave's description of his presentation continues on to say, "The story of the development of a hybrid solid-state/hollow state amplifier that eventually sold thousands into MRI systems through the 1990s. While mostly a technical talk, hams may find the evolution of this amplifier, originally an overgrown Alpha 77, interesting." Dave presented a similar talk at OTVARC a few months ago, but he plans to get a bit more technical for TERAC, with maybe even a few political tidbits.

Dave received his BSEE from the University of Michigan in 1982. From '85 to '95, his professional focus was on RF Power, often using tubes. Some of us even remember those! In '95, he moved into microwave

instrumentation, working for HP (Agilent) then Tektronix.

Dave is an active ham (well he claims off and on). He was originally licensed as a novice in 1974. A couple of upgrades lead to his Extra Class license and his current call in 1977. There is a detailed history of Dave's ham career on the QRZ site. It includes déjàvu, for some of us, of our novice days with our 75 Watt rigs; and also some operation from DX locations. An item not on the site was his participation with a group operating from K2PO in the multi-single category of the ARRL CW DX Contest last month. They smashed the record!

### Pre-Meeting Dinner

Join us at 6 PM in the gathering room of the pub for the pre-meeting no-host dinner.

### 2013 Renewals Received as of 2013-2-20

Richard Ballard W7AND	Chuck Barrows K7BVT	Dennis Berkheiser K9HSX	Robert Broughton KK7RB
John Bucsek KE7WMB	Phil Crosby W7PYX	Joe Curtin AE7LD	Bill DeVey W7MMW
Randall Elliot NW1S	Chuck Forsberg WA7KGX	Stan Griffiths W7NI	Bob Jenkins W7BKN
Ronald Kinder K7VMN	Deane E. Kidd W7TYR	Keith Lofstrom	Roger McCoy W7ADV
Bernie Miller WA7MCR	Don Miller KD7MLF	Gordon Moyle W7NZL	Glenn Pelikan K7GWP
Dick Pooley * W7HUY	Thomas Rousseau K7PJT	Bob Rullman W1SNR	Gene Single * K7IUN
Blaine Smith W7JHJ	Richard Stack K7TKK	Ralph Ulrich * K7UVK	

\*is for life members

TERAC dues are based on the Calendar year due Jan 1. If your name is not on the above list I have no record of receiving your 2013 dues. Let me know if I am in error.

Richard Stack, TERAC Treasurer

If you need a membership application, go to:

<http://terac.org/wp-content/uploads/2010/12/MEMBERSHIP-APPLICATION-2.pdf>

### Membership Status

We are still several members short of our 2012 number. Hopefully that just means you haven't gotten to it yet. The membership application can be found on the TERAC web site as mentioned above. We are also due to update our information with the ARRL. As indicated by the logo on page 1, we are an ARRL affiliated club. We need to update our information with them. We like to get to a reasonably stable membership number first, so please send in your forms. Be sure to indicate your ARRL membership status, That is also needed for our ARRL update.

### Logo Project

There has been discussion of developing a TERAC logo, as evidenced by the page one layout. Some have questioned the need of a logo. "Need" has multiple connotations in the language. When the server asks me if I need another beer, I usually reply, "no, but

please bring me one anyway." A logo for use on the website, club QSL cards, member's QSL cards, and this newsletter would be, in my opinion, nice. Something that quickly shows the current meaning of TERAC, would be good. There has been enough activity using K7AUO in the last few years that QSL requests are not uncommon. Inputs on the idea would be appropriate at this point

Chuck Barrows has come up with a good concept design. Some artistic editing that neither he nor I have yet been able to do is desired. We are looking for help on that score, as well as design ideas. Can/will someone give us some assistance on the project?

### Future of the Newsletter

Last month I solicited inputs on how the newsletter should evolve. To my great surprise, I have had zero feedback. My thoughts were that we should concentrate more on the website and less on the newsletter. Items that were routinely put in the newsletter can be links to the website. TERAC has a limited and dwindling human resource supply. Perhaps focusing on the website is a better use of our resources. The WVDXC put out a detailed email that we believe substitutes for a newsletter. It had a program announcement, and multiple links to their website and elsewhere. While not zero effort, the email required no formatting or artistic flair. Much easier than a newsletter. Comments?

### Input from Officers

The treasurer reported on membership, but other than that nothing this month. The president hasn't pondered, and the VP's keyboard has been silent. Maybe there will be something appropriate for an April edition.

**Happy St. Paddy's  
Day**

Bob, W7BKN

### Some Upcoming Events

Our friends at OTVARC meet on the third Thursday of the month. As of this writing, I have not heard what their program will be. Check their website:

<http://www.otvarc.org/>

For their newsletter click on 'The OCILLATOR' on the left side of their website home page.

**Mike and Key ARC** Electronic Show and Flea Market, Puyallup, March 9, 2013

<http://www.mikeandkey.org/flea.htm>

**Seapac** May 31 to June 2

<http://www.seapac.org>

