TERAC NEWSLETTER
(TEchnology Radio Amateur Club)

TERAC Meeting:
- **Time**:   March 11, 2010, 7:30PM
- **Place:**   TVF&R Training Building

  20665 SW Blanton St.

  Aloha, OR
- **Talk-In:** 443.65 MHz Simplex

(Non-members welcome)

HALLOWED BE THE HOLLOW-STATE
being a Horribly Hackneyed History of How to Harness Harmless Nothingness augmented beyond words by a fabulously flatulent conflagration of follow-ons.

Barrie Gilbert
Meeting Thursday, March 11th

* * * * *   Bring some of your own favorite tubes to brag about   * * * * *

Barrie Gilbert is probably best known for his 1967 invention of the circuit which is used as a mixer in any modern wireless device, and for the translinear principle; although, as he would say, "I have done several other things since then". He pursued an early interest in transistors at SRDE and later at Mullard Ltd, working on first-generation planar ICs while also designing two sampling oscilloscopes. Emigrating to the United States in 1964, he joined Tektronix, Beaverton, Oregon, where he proposed and developed the first fully-electronic knob-readout system for 'scopes and other advances. Back in England from 1970 to '72, he was Group Research Leader at Plessey Laboratories. He consulted for Analog Devices Inc. from 1972 to'77, and then retuned to Tek for a couple of years. In 1979, Analog Devices agreed to Barrie

forming a remote center for IC design in Oregon, electing him as first ADI Fellow. He has five times received the ISSCC's "Outstanding Paper Award", and is the recipient of numerous IEEE and industry awards, including the IEEE "Outstanding Achievement Award" for work on super-integrated logic; the IEEE "Outstanding Development Award"; the SSC Council Award for his "Contributions to Nonlinear Signal Processing"; "Oregon Researcher of the Year"; Microwave magazine's "Legend" award, and other such wall decor, including an OSU Honorary Doctorate of Engineering. He was inducted as a Member of the U.S. National Academy of Engineering in 2009. Barrie has been issued over 80 patents.

FROM THE DESK (HOSPITAL BED) OF THE PRES

Thanks to Grant Moyle for an extremely good discussion about computer security last month. Thanks also to those that have been filling in for me during my recuperation. I don't think I will be able to make it to the March meeting but hope (expect) to be at the April meeting for Charlie Rhode's presentation. **Roger, W7ADV**

Charlie Rhodes, Linley Gumm, and Phil Crosby need your help.

We are getting ready to run further tests of interference between multiple DTV signals on the same channel radiated by multiple transmitters within the community. We will be testing this interference with up to 16 DTV Down-converters of which we have 11. We need the loan of five more down-converters for perhaps 2 weeks in May. If you have an extra DTV Down-converter and wish to help save broadcasting as we know it, please bring it to the April 8th meeting where all will be revealed. **Charlie Rhodes**

April Meeting

Charlie Rhodes will make a presentation on the Multipath and Single Frequency network Simulator that he, Phil Crosby, Linley Gumm and Prof. Uwe Kraus and his graduate students in Germany are developing. **Chuck, K7BVT**

The TERAC Newsletter is emailed monthly to members and friends of TERAC. Meetings are normally held on the second Thursday of the month at 7:30 PM

MEMBERSHIP

TERAC is an associate club of the ARRL. As such TERAC has to report the percent of its members that are ARRL members. We normally capture this status along with contact information from the TERAC renewal form. If you did not submit a form with your dues this year or are a TERAC life member please email an updated form to K7TKK@att.net or send to the TERAC PO Box listed on the form. Thank you,
Richard Stack, Treasurer

New ARRL Northwestern Division Vice Director

ARRL President, Kay Craigie, N3KN, has appointed Grant Hopper, KB7WSD, of Everett, Washington, as the new Northwestern Division Vice Director. The position became vacant when no one submitted the necessary election materials needed to run for the Vice Director position. Hopper is an attorney and serves as an ARRL Volunteer Counsel (VC). "I'm excited to serve the Northwest Division," Hopper said.

Upcoming Hamfairs & Events

April 11, 2010, Yakima Hamfest
Yakima, WA http://w7aq.org

April 30 – May 2, 2010
EMCOMMWEST, Reno, NV
http://www.emcommwest.org/

June 4-6, 2010
SeaPac Hamfest, Seaside, OR
www.seapac.org

June 11-13, 2010. 41st Wenatchee Hamfest
http://www.qsl.net/w7td/

June 26 – 27, 2010. Field Day
http://www.arrl.org/contests/announcements/fd/

July 16-18, 2010. Glacier Waterton
International Peace Park Hamfest
www.gwhamfest.org

August 14, 2010. Tacoma Hamfest
http://www.w7dk.org/

September 11, 2010. Clark County ARC
Tail-Gate Swapmeet
http://www.w7aia.org/

MEMBERS as of March 1, 2010

Richard Ballard W7AND	Chuck Barrows K7BVT	Doug Barton
Dick Bass W7SMR	Mike Boer KD7EFL	Phil Crosby
Randy Dawson KF7CJW	Bill DeVey W7MMW	Stan Griffiths W7NI
John Horn AC7WS	Lynn Hurd WB7UNU	
Ronald Kinder K7VMN	Bob Jenkins W7BKN	Deane Kidd W7TYR
Roger McCoy W7ADV	Bernie Miller WA7MCR	Donny Miller WD7MLF
Gordon Moyle	Glenn Pelikan K7GWP	Dick Pooley W7HUY *
Ken Rosenzweig WA7BGF	Thomas Rousseau K7PJT	Robert Rullman W1SNR
Gene Single K7IUN *	Blaine Smith W7JHJ	Richard Stack K7TKK
Ralph Ulrich K7UVK *		* = Life Member

Month	Board Mtg.	Club Mtg.	Club Meeting Notes
MAR	1-Mar-10	11-Mar-10	
APR	29-Mar-10	8-Apr-10	
MAY	3-May-10	13-May-10	
			Summer Break

Application

TERAC, Inc.
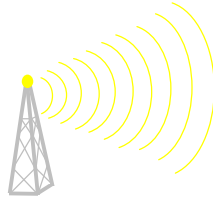
Please complete and return with payment to:
TERAC, Inc., PO Box 5761, Aloha, Or 97006-0761

Name:		Call:
Address:		
City:	State:	Zip:
Home Phone:	Work Phone:	
Unlisted: O	E-mail Address:	

License Class: ARRL Member: Emergency Service:
             Yes O   No O   Yes O   No O

Membership Class:
     O Full   (currently licensed) $14
     O Associate   (not licensed) $14