Our mission: To promote and advance the art, science and enjoyment of Amateur Radio.

In This Issue
August 2014 Volume 98 Number 8

Technical

A Tube-Based Bench Supply for Tube Projects 30
Bryant Julstrom, KC0ZNG
Power those classic tube projects with this adjustable regulated supply.

A Tape Measure Vertical Antenna 33
Glen Thibodeaux, KF5FNP
Feed the end of the tape and tune for minimum SWR by hauling the housing up and down.

Noise — Dealing With the Buzz 36
Joel R. Hallas, W1ZR, and Martin Ewing, AA6E
If radios are our friends, surely noise is the enemy!

Antenna Feed Line Control Box 40
Phil Salas, AD5X
Add an extra switchable antenna port and provide backup protection for equipment with gas discharge tubes and bleeder resistors, and automatic feed line grounding when off the air.

Product Review 45
Mark Wilson, K1RO
TEN-TEC Rebel Model 506 Transceiver, Tecsun PL-880 Multiband Portable Receiver, DX Engineering AAPS3-1P Receiving Array.

News and Features

It Seems to Us 9
David Sumner, K1ZZ
The FCC Gets It Right

Inside HQ 13
Harold Kramer, WJ1B
ARRL Exam Review Software

Giuseppe Biagi: Forgotten Radio Operator 63
Michael Marinaro, WN1M
After the crash of the airship Italia, radio operator Biagi endured the harshest conditions imaginable to aid in the rescue of his fellow survivors.

Hamvention® 2014 Recap 65
Becky R. Schoenfeld, W1BXY
This year’s event featured new gear, old friends, distinguished honorees, and a big birthday party. Here’s a look at just some of what went down in Dayton.

Happenings 68
Rick Lindquist, WW1ME
FCC revises rules for Amateur Radio examination credit, makes enforcement cases public; ARISS International Partners meet in person for the first time since 2011; ionospheric research facility being built at Arecibo Observatory; more.
Our mission: To promote and advance the art, science and enjoyment of Amateur Radio.

In this month’s issue, Bryant Julstrom, KC0ZNG, presents instructions on how to build a vacuum tube-based, adjustable regulated power supply for moderately sized tube projects. [Bryant Julstrom, KC0ZNG, photo]