In This Issue
August 2012 Volume 96 Number 8

Technical

The DSP-610 Transceiver 30
Jim Veatch, WA2EUJ
The winner of the Homebrew Challenge III offers a classy and creative design.

A Homebrew, Light Duty Metal Brake Revisited 33
George Averill, K4EOR
You can make your own chassis — and other sheet metal parts — with a brake.

Digital Interface for Fldigi 36
David Spearing, KB9CSW
Solve those radio-to-computer interface issues with this easy-to-make device.

Remote Radio Control Made Easy 39
John Raydo, KO1Z
Run your radio from afar the easy way.

Rethinking Electrical Power for the Ham 41
Bob Bruninga, WB4APR
Discover more ways to power your equipment.

Quick Coax Test 44
Larry Jennings, WB5IZL
Wondering about that old piece of coax? Test it!

My Tuner Tuned My Antenna — But Now It Doesn’t! 46
Joel R. Hallas, W1ZR
What to do when Murphy visits your tuner.

Product Review 47
Mark Wilson, K1RO
MFJ-994BRT and MFJ-998RT remote automatic antenna tuners; ICOM ID-31A 70 cm handheld transceiver with D-STAR

News and Features

It Seems to Us 9
Restrictive Covenants

This Just In 12
Joel P. Kleinman, N1BKE
Amateur Radio Week in Oklahoma — and elsewhere; Inside HQ; Media Hits; more.

Long Haul Radio 63
Norm Fusaro, W3IZ
Meet some commercial truckers who use Amateur Radio on the road.

Backpacking with Satellites 65
David Palmer, KB5WIA
One ham’s overland trek to activate a rare grid square for satellite ops.

100 Years of Amateur Radio Licensing 68
S. Khrystyne Keane, K1SFA
100 years ago, in the wake of the Titanic disaster, Congress took swift action to try to tame the chaos of the airwaves.

Beyond Our Bands 70
Steve Sant Andrea, AG1YK
Learning the ins and outs of non-ham radios before the emergency will pay future dividends.

Happenings 71
S. Khrystyne Keane, K1SFA
FCC okays Part 95 MedRadio devices in 13 cm band; Board approves new 9 cm band plan; Clyburn reappointed as FCC Commissioner; nominees sought for ARRL Board of Directors; more.
Our mission:
To promote and advance the art, science and enjoyment of Amateur Radio.

Radiosport

Contest Corral 77
H. Ward Silver, N0AX

2012 ARRL International DX Contest — CW Results 78
Nate Moreschi, N4YDU

2011 DXCC Honor Roll 84
Bill Moore, NC1L

Announcements

2012 ARRL September VHF Contest 82
August 2012 Rookie Roundup — RTTY 82
2012 ARRL International EME Competition 83
2012 ARRL 10 GHz and Up Contest 83