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

In This Issue
May 2016 Volume 100 Number 5

Technical
A Field-Portable Multi-Band Rotatable Dipole Antenna 30
Jeff Otterson, N1KDO
Build this easy-to-tune and set up antenna that covers 6 – 20 meters.

A Ham Gentleman’s VHF/UHF Walking Stick Antenna 33
John Portune, W6NBC, and Ernie Sloan, W6ND
Walk about freely with better coverage at a parade, on a stroll, or hang the antenna in a tree. Its utility will impress you.

Across the North Atlantic on 2 Meters 36
Rich Pieniaszek, VA1CHP; Roger Sturtevant, VE1SKY; Al Penney, VO1NO; Helen Archibald, VE1YL, and Fred Archibald, VE1FA
In their quest for a Brenda Award, this team completed a trans-Atlantic transmission in an unexpected way.

A Lightweight Rotary Dipole for 40 Meters 40
Art Heft, KB8CIT
This easy-to-build dropping dipole performs well at a height of 65 feet.

Another Look at the Full-Wave HF Loop Antenna 42
Joel R. Hallas, W1ZR
Antennas come in all sizes and shapes. Here’s a configuration worth keeping in mind.

Product Review 47
Mark Wilson, K1RO
ELAD FDM-DUO SDR HF and 6 meter transceiver; Aerial-51 Model 404-UL asymmetrical inverted V antenna; Emtech ZM-2 Z-match low power antenna tuner; SOTABEAMS Band Hopper dipole.

News and Features

It Seems to Us 9
David Sumner, K1ZZ
A Final Word

Starting the Year with NPOTA 65
Ron Pollack, K2RP
Tips for Activators taking part in this year-long event.

Activating the John Muir Trail 67
Alan Shapiro, NMSS
A SOTA activation of Mt Whitney doesn’t go as planned, but the 211-mile hike to get there offers much in the way of consolation.

Parachute Mobile: In the Air, On the Air 69
Jen Gilfot
These hams take operating portable to a whole new level — the skies.

The 2015 Romanian SOTA Marathon 72
Paul Schreier, HB9DST/AA1MI
Two teams of operators traversed the summits of Romania for this week-long excursion.

Happenings 74
Rick Lindquist, WW1ME
The number of licensed amateurs in the US continues to rise; hundreds of comments received on ARRL petition seeking adjustments to 80/75 meters; ARISS makes its 1000th contact; new Section Managers elected; more.

National Parks on the Air — May 2016 85
Sean Kutzko, KX9X
February statistics are in!
Our Cover
Jerry Clement, VE6AB, took this photograph of himself 35 kilometers southeast of Calgary on a ridge overlooking the river valley that the Bow River flows through. Jerry’s equipment includes a Yaesu FT-897D transceiver and a Kenwood D72 with the beacons being digipeated by his mobile (parked a kilometer north of his operating position) via his APRS weather station with digipeater mounted in the cargo bay.
You can read more about Jerry in our new column, “Member Spotlight,” which appears on page 13. [Jerry Clement, VE6AB, photo]

Radiosport

Contest Corral 79
Bruce Draper, AA5B
2015 ARRL November Sweepstakes Results — CW 80
Kelly Taylor, VE4XT
Needles, haystacks, and ham radio — a Missouri amateur finds joy in a minimalist approach to Sweepstakes CW.

The 2016 ARRL June VHF Contest 83

2015 ARRL EME Contest Results 84
Rick Rosen, K1DS
New rules, new tools, new views — more Qs!

2016 ARRL Field Day 86
Dan Henderson, N1ND
Join in the fun June 25 – 26!