In This Issue

October 2014 Volume 98 Number 10

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

Technical

**DATV-Express — A New Low-Cost Digital TV Transmitter**

Art Towslee, WA8RMC

Digital ATV just became a whole lot easier.

**Extended Double Zepp Yagi Antenna**

William Alsup, N6XMW

Add some DX punch with this modification of a classic antenna.

**A CW Adapter for the Collins KWM-2A Transceiver**

Georges Ringotte, F6DFZ

Add a CW filter, RIT, and fix the transmitter CW frequency shift with these modifications.

Add 40 Meters to a 24-Foot Boom Yagi

Michael Foerster, W0IH

Add this hot DX band to an existing Hy-Gain beam.

Product Review

Mark Wilson, K1RO

Alinco DX-SR9T HF Transceiver; Elecraft KXPA100 Amplifier and KXAT100 Automatic Antenna Tuner; WebDX Remote Station System

News and Features

**ARRL National Centennial Convention Photo Album**

The ARRL was pleased to host 3300 visitors at the July 17 – 19 convention that celebrated the end of ham radio’s first 100 years and the beginning of its second century. Thank you to everyone who attended!

**It Seems to Us**

David Sumner, K1ZZ

A Week to Remember

**Inside HQ**

Harold Kramer, WJ1B

The ARRL Laboratory Part 1 — Test Equipment

**Reaffirming Our Commitment to Service**

Doug Rehman, K4AC

One of the primary reasons for the existence of Amateur Radio is emergency communications support.

**Signals From Paradise**

Malcolm Preston, NQ2L

A brief history of ham radio in the Virgin Islands.

**DXing Above the Jungle Canopy**

Adrienne Morrill, KG7HYD, and Aaron Morrill, N7AM

A junior high school student travels to Guatemala to work DX from an ancient Mayan ruin.

**Cuban Contest Station Achieves Top Ten**

Douglas Ruz, CO8DM

T48K breaks into the top ten of the ARRL DX Phone contest with operating skill and ham ingenuity.

**ARRL Board of Directors Meets in Hartford, Following Convention**

ARRL Board lauds “unforgettable milestone,” formalizes LoTW policy and honors award recipients.

**ARRL’s Second Century Has Begun!**

Rick Lindquist, WW1ME

With the help of thousands of members and friends, the ARRL in July bade farewell to its first 100 years during its National Centennial Convention, and hailed the start of its second century.

**ARRL’s Role in Canada**

David Sumner, K1ZZ

Many hams are unaware of the overlapping histories of Amateur Radio organizations in the US and Canada.

**Happenings**

Rick Lindquist, WW1ME

ARRL National Centennial Convention honors the past, bullish on the future; ARRL dedicates Centennial Terrace to honor major donors; FCC proposes substantial fines for two radio amateurs alleging deliberate interference, failure to ID; more.
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The sunset image was captured by Paul Gallagher, a crewman aboard the DXpedition ship EVOHE.

Our Cover

School Club Roundup Results  88
Lew Malchick, N2RQ

The 2014 ARRL November Sweepstakes  89

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Departments

Columns

Correspondence ...........................................24
The Doctor is In ............................................55
Eclectic Technology .........................................42
Hands-On Radio ............................................57
Microwave lengths .........................................59
Hints & Kinks ...............................................62
How’s DX?..................................................90
Personal Visions ...........................................97
Public Service ..............................................85
Up Front ...................................................20
Vintage Radio ...............................................98
The World Above 50 MHz ...........92
75/50/25 Years Ago .................................102

ARL Member Services ................................14
ARL Section Managers .................................16
Convention and Hamfest Calendar ..............100
Feedback ................................................................54
Field Organization Reports ...........................102
Ham Ads ..................................................162, 163
Index of Advertisers .....................................164, 165
New Products .............................................35, 61
Officers, Division Directors, and Staff ....15
QuickStats .............................................148
Silent Keys ...............................................103
Special Event Stations ...................................95
Strays ..................................................75, 89
W1AW Centennial Operations ....................96
W1AW Qualifying Runs ...............................96

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