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See spectacular views from an Amateur Radio high altitude balloon flight.

### **Resonate Your Mobile Antenna with a Variometer 34**

Harold F. "Hal" Potter, K7RQ

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Allen Wootton, VE7BQO

This microprocessor project can be adapted to bring your favorite radio into the 21st century with a digital readout.

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Martin Huyett, K0BXC

Flip a switch and the G5RV becomes a vertical with capacitive top hat suitable for Top Band.

### **CW Skimmer 42**

Eric Manning, VA7DZ

When it comes to contesting and chasing DX, a little technological assistance goes a long way.

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### **Your Portable Generator to the Rescue 44**

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### **Center Feed Support for a Dipole Antenna 50**

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Use inexpensive PVC fittings to make this dipole and balun for low power portable operating.

### **A Cascaded Current Transformer RF Coupler 52**

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Accurately sample high power RF current at the 40 dB level.

### **Product Review 54**

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SPE Expert 2K-FA solid state linear amplifier, Peaberry V2 software defined transceiver, West Mountain Radio CBA-IV battery analyzer.

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### **The Bill Leonard, W2SKE, Professional Media Award 81**

Sean Kutzko, KX9X

You can honor media efforts to promote Amateur Radio.

### **Happenings 82**

Rick Lindquist, WW1ME

League assures VECs that pending rule changes are not on the back burner, amateurs assist in the Rim Fire effort, Southeast Division incumbents are challenged for re-election; more.

### **Frequency Measuring Test — November 2013 88**

Ward Silver, N0AX

What's the "real" frequency? Time to find out!

**Our Cover**

November is the month of Sweepstakes! Here, ARRL's Contest Branch Manager Mike DeChristopher, N1TA, gets warmed up at W1AW in the hope of working a Clean Sweep in this double-trouble event: CW on November 2-4 and phone on November 16-18. [RJS Photography, photo]



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# Radiosport

## Contest Corral 87

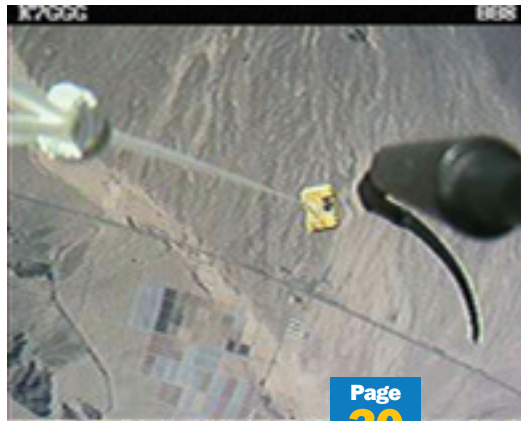
H. Ward Silver, N0AX

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