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This Month in QST

October 2011 Volume 95 Number 10

Technical

- A popular VHF array scales nicely into UHF.
- Automating the Ameritron RCS-10 Remote Antenna Switch Pete Smith, N4ZR Make sure that your remote antenna switch stays in sync with your operating band.
- A dedicated receive antenna can improve the signal-to-noise ratio of weak distant stations.
- 40 The Care and Feeding of a 3-500ZG Amplifier Charles Rankin, WA2HMM The 3-500 — once tough and cheap — is now just tough, so let's make it last.
- 42 The DK7PE Jumper Beam......Rudolf Klos, DK7PE This novel antenna approach can put out a big signal from a temporary location. such as a hotel room.
- 44 A Simple Remote Impedance Matching Network......Joe Ostrowski, KI5FJ Using no microprocessors or relays to switch RF components, this antenna tuning unit is simple to use — and simple to construct.
- 48 The Folded Skeleton Sleeve on Other Ham Bands......Joel R. Hallas, W1ZR Go beyond 40 and 20 meters with this compact two-bander.
- ICOM IC-7410 HF and 6 meter transceiver; Coaxial Dynamics Model 81041 USB wattmeter





News and Features

- 9 It Seems to Us: Power
- Oregon club donates to Japan earthquake/tsunami relief; Inside HQ; Media Hits; more.
- 64 CE9 DXpedition to the Tip of South America......Cezar Trifu, VE3LYC A memorable DXpedition to the islands off the southern tip of South America.
- 68 Surfing 2696 km Over the Atlantic Pierre-André Probst, HB9AZN Hams of different nationalities break a 10 GHz record set back in July 2000.
- 71 CW the Old Twitter Rick Lindquist, WW3DE New wave or old school, hams love to communicate.
- It's not all kangaroos and clown fish in Australia. Come discover the fun of Amateur Radio in Oz.
- How Amateur Radio equipment gets from the shack to the movie set.
- 76 LoTW: Like Taking Your QSLs to the Bank......Sean Patrick Doran, W8OKN The ARRL's Logbook of The World is the best way to track your progress toward the DXCC and WAS awards.
- 78 ARRL Board of Directors Looks Ahead to 2014 Directors, Vice Directors and ARRL Officers gather in Connecticut for the 2011 Second Meeting.
- ARISSat-1 deployed from the ISS; ARRL closes books on 2011 Teachers Institute; ARRL, researchers help solve interference problems on 12 and 60 meters; Field Day logs posted online; FCC news; more.

Interested in Writing for QST? www.arrl.org/qst-author-quide e-mail: qst@arrl.org

Radiosport

88 2011 ARRL November Sweepstakes Announcement





Our Cover

Romanticized by explorers and authors, Cape Horn and the Drake Passage are the stuff of legend — and a perfect spot for a DXpedition! Cezar Trifu, VE3LYC, and Johan Willemsen, PA3EXX, headed down to South America's southernmost point to activate two rare islands, Herschel and Gonzalo. Main photo: A panoramic view of the CE9 camp on Gonzalo Island. Top inset photo: The camp on Herschel Island. Bottom photo: Johan in the operating tent. Turn to page 64 to read the article. Photos by Cezar Trifu. VE3LYC.

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