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- New Antennas Enhance W1AW Signal: Dec, 42
- Nominate a Reporter for the Leonard Award (Pitts): Nov, 60
- Precision, Accuracy and Stability (sidebar to Frequency Measuring Test 2006 — Back to Basics, Plus) (Silver): Nov, 50
- Reaching Out through Teacher Education (Spencer): May, 51
- Saying Goodbye to Hello (Pitts): Dec, 43
- Some Frequently Asked Questions about the "Omnibus" R&O (sidebar to FCC "Omnibus" Amateur Radio Report and Order Covers Considerable Territory) (Lindquist): Dec. 40
- Summary of Major Board Actions (sidebar to ARRL Board Elects Joel Harrison, W5ZN, as League's 14th President): Mar, 59
- Take Your Handheld to Work Day (Pitts): Jun, 54; Feedback: Jul, 85

Teachers Institute 2005 Triple Header (Spencer): Jan,

The Microphone: A Short Illustrated History (Heil): Jun, 50

What Will Amateur Radio be like in 2016: It's In Our Hands (Hartlage): Nov. 49

Our Associations = Ourselves (Belvederi): Nov, 49

The Best of Both — Technology and Tradition

(Moseson): Nov. 48

The Old Becomes New (Temples): Nov. 47

We Must Evolve (Speroni): Nov, 47

Wide Open HF Bands (West): Nov, 48

What's New at Dayton 2006? (sidebar to Dayton Hamvention '06) (Hallas): Aug. 42

Why do we need the Microphone? (sidebar to The Microphone: A Short Illustrated History) (Pitts): Jun, 52

Our Cover

2006 Photo Contest (Perrilloux; Vertolli): Sep, 5

A Homebrew High Performance HF Transceiver — the HBR-2000 (Hansen): Mar, 4

Aland Island, Finland (Kotowski): Dec, 5

An Airborne Portable Amateur Television System (Klos): May, 5

Living, Working and DXing in the Caribbean (Reisenauer): Nov, 4

Polar Bear Portable (Rosenthal): Feb, 5

Say "Hello": Apr, 5

SKØUX array near Stockholm, Sweden (Kotowski): Aug, 5; Feedback: Sep, 38

Sunspot numbers: Jul, 5

The MicroR2: Oct, 5

The Peter I DXpedition, 3YØX: "Weather Permitting" (Lusnia; Starnes Jr): Nov, 4

Varied History – Inside a ham classic; spies-in-training; spark-gap rig: Jan, 4

Views of Field Day (Derby): Jun, 5

Product Review (Wilson)

A New Look for Product Review (Hallas): Jan, 69

ACOM 1010 HF Linear Amplifier: Dec, 57

ACOM 1010: From (K7)V to Shining (WRT)C

(sidebar to Product Review: ACOM 1010 HF Linear Amplifier) (Silver): Dec. 59

Alinco DR-635T Dual-Band FM Transceiver (Henderson): Mar, 66

Alpha Power 4510 Wattmeter (Carcia): Jul, 62

Antenna Analyzers with a Different View (AEA VIA; Timewave TZ-900) (Hallas): Nov. 70

Array Solutions PowerMaster Wattmeter: Jan, 70

ARRL Lab Data Presentation Changes (Tracy): Mar, 64

CQ SS DE FTDX9000 Contest (sidebar to Yaesu FTDX9000 Contest HF and 6 Meter Transceiver) (Lindquist): Mar, 65

Down East Microwave 144-28HP 2 Meter Transverter (Zimmerman): Jan. 66

DXpeditioning with the IC-7000 (sidebar to ICOM IC-7000 HF/VHF/UHF Transceiver) (Pauer): May, 71

Elecraft 2T-gen Two-Tone Test Generator (Arland): Apr., 77

Green Heron RT-20 Rotator Controller (Fusaro): Oct,

Heil Handi Mic Mobile Microphone (Wilson): Sep. 64 Heil Pro Set Quiet Phone Noise Canceling Headset (Patton): Jun, 71

Heil Sound Traveler Dual Side Headset: May, 72 ICOM IC-7000 HF/VHF/UHF Transceiver: May, 64 ICOM IC-91A Dual Band Handheld Transceiver (Henderson): Dec, 59

ICOM IC-P7A Miniature Dual Band Handheld Transceiver (Henderson): Apr, 75

ICOM IC-R1500 Communications Receiver (Ford): Oct. 69; Feedback: Dec. 56

If You Could Only Have One Radio... (sidebar to ICOM IC-7000 HF/VHF/UHF Transceiver) (Kramer): May, 69

Improved ARRL Lab Transmitter Noise Testing (sidebar to ICOM IC-7000 HF/VHF/UHF Transceiver) (Tracy): May, 70

Kenwood TM-V708A Dual Band FM Transceiver (Carcia): Apr, 72

Medium to High power Auto Antenna Tuners — The Evolution Continues (LDG AT-1000; MFJ-994; Palstar AT-Auto) (Hallas): Aug, 56

MFJ-852 Power Line Noise Meter (Gruber): Nov, 75 More Switching Power Supplies (Daiwa SS-330W; Kenwood KPS-15; MFJ-4125; Ten-Tec 963): Jul,

Power Measurement and the Alpha Power 4510 (sidebar to Alpha Power 4510 Wattmeter) (Tracy): Jul, 63; Feedback: Sep, 38

SGC SG-500 SmartPowerCube Linear Amplifier (Hallas): Feb, 71

Shakespeare HS-2774-1 Wideband VHF Marine Antenna (Hallas): Aug, 61

Ten-Tec Orion II HF Transceiver Model 566 (Lindquist): Sep, 59

Ten-Tec/TAPR 6000 Vector Network Analyzer (Tracy): Jun, 68; Feedback: Jul, 85

The AH-7000 Antenna (sidebar to ICOM IC-R1500 Communications Receiver) (Ford): Oct, 73

W4RRY Electronic Battery Booster Available Again (Lehner): Mar, 68

Yaesu FT-1802M 2 Meter FM Transceiver (Lawrence): Jun, 66

Yaesu FTDx9000 Contest HF and 6 Meter Transceiver (Lindquist): Mar, 61

Yaesu VX-120 and VX-170 2 Meter Handheld Transceivers (Henderson): Feb, 74

Going Once, Going Twice

Palstar ZM-30; C.A.T.S. RD-1800; Diamond SX20C; FlexRadio SDR-1000; FT8800R; Rig Expert Plus USB-transceiver interface: Jan, 72

Kuranishi BR-210; Hy-Gain HAM-V and DCU-1; MFJ-860; Vectronics LP-30; ICOM ID-800; Yaesu VX-6R: Mar, 68

Yaesu FTDx9000D; Prosistel PST-641D; LDG TW-1; LDG Z-100; Yaesu VX-120; Kenwood TM-V708A; Black & Decker Storm Station: May, 72

Yaesu FT_Dx9000; ICOM IC-7000; Alinco DR-635T; ICOM IC-P7A; Winradio G3; MFJ-4116; Ten-Tec VNA: Jul, 64

C.A.T.S. RD-1800; Yaesu FT-1802M; LDG AT-1000; Yaesu VX-170; Kenwood KPS-15; PS International Kill-A-Watt: Sep, 65

Ten-Tec Orion II; Yaesu FT-897D; ICOM IC-P7A; SGC SG-500; SGC PS-500: Nov, 76

Public Service (Ewald)

ARRL International Humanitarian Award Nominations Close December 21 (Skolaut): Dec, 66

Colorado ARES Meets DHS Representatives (Wilson): Oct, 81

"Emergency, Emergency!" (Morgan): Nov, 85; *Feedback: Dec, 56*

FEMS's Online NIMS Training (sidebar to NIMS Training Opportunities) (Bastone): Oct, 81

Find Frequencies for Any City or State Services (Zelich): Mar, 78

Georgia ARES Helps National Guard Exercise (Royle): Dec. 67

Hams across the Country Respond to the Call:

Amateur Radio Supports Dutchess County, New York (Nowik Jr; Penney): Sep, 71

Eastern Kern County Activates ARES/RACES (Brooks): Sep, 72

Learn from Events (Rybicke): Sep, 72

North East Texas SKYWARN and ARES (Gillespie): Sep, 71

Is Your Emergency Kit Complete? (Webb): Apr, 85 Mat-Su Valley (Alaska) Flood (Comfort): Nov, 87

Michigan is On Top in 2005 ARES SET Results: Oct, 82

NIMS Training Opportunities (Bastone): Oct, 81 North Carolina ARES Presents Program on Geological

Hazards (Conder): Apr, 84

NTS Messages and Field Day (sidebar to Survival Packs, Jump Kits and Tool Bags): Jul, 74

NTS Methods and Practices Guidelines (Ewald): Sep, 72.

Operationally Ready — An ARES Perspective (Crawford): Aug, 69

Packet Radio Logs The OGAR! (Baremore) (Part 1): Jan, 80; Part 2: Feb, 84; Feedback: Apr, 97

RATPOD Bicycle Ride (Anderson): Sep, 73

SKYWARN Recognition Day is December 2 (Ewald): Dec, 66

Southern Oklahoma Called to Action (Patrick): Jun, 80 Survival Packs, Jump Kits and Tool Bags (Price): Jul, 73

The ARES E-Letter (Ewald): Jun, 81

Tulsa Hams Respond to Hurricane Katrina and Human Storm Surge (Lee): Mar, 76

Twisted Rail WMD: An ARES Response (O'Toole): May, 78

West Texas Responds to Fires (Shaw): Jun, 80

What to Take to the Disaster Area (Sarratt): Nov, 86; *Feedback: Jan 2007, 79*

Winlink 2000 and APRS (Ewald): Mar, 77

Field Organization Reports

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Short Takes (Ford)

A 30 and 80 Meter Module for the Elecraft KX1 CW Transceiver (Prior): Nov, 63; 1/1/2007, 71

Advanced Receiver Research SP144VDA Preamplifier: Mar, 50

Black & Decker Storm Station: Apr., 63

Comet CHA-250B Vertical Antenna: Feb, 61

Elecraft T1 Automatic Antenna Tuner (Prior): Jan, 55

FreeCharge WEZA Portable Energy Source (Marino): Aug, 47

JO-COMM Red-Dee-2 Connect Power Distribution Blocks (Wolfgang): Dec, 48

Kill-A-Watt Electric Usage Monitor: Jun, 61

Linspire Five-O: Jul, 51

MFJ Model 4116 Bias Tee Power Injector: May, 54; Feedback: Nov. 36

MFJ-4712 Two-Position Remote Antenna Switch: Sep, 48

microHAM Digi Keyer: Oct, 60

Silent Keys (Capodicasa/Hurtado)

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Special Events (Weinberg)

Jan, 102; Feb, 101; Mar, 97; Apr, 102; May, 98; Jun, 97; Jul, 91; Aug, 87; Sep, 93; Oct, 99; Nov, 103; Dec, 81

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2006 Teachers Institutes: Apr., 98 6 Meter "EHE" Propagation (Hoffman): Jul, 43

A 6-Cent Stamp Should Work (Klotz): Jan, 52

Amateur Radio Military Appreciation Day 2006 (McClendon): May, 93

ARRL 2005 Technical Awards Call for Nominations: Jan, 97

ARRL Extra Class Certificate: Aug, 53

ARRL Homebrew Challenge Adds Digital Category

(Hallas): Oct, 57; Feedback: Dec, 56

ARRL Online Propagation Course Draws Rave Reviews: Jun, 45

Authors Wanted! (QST): May, 40

Call for Nominations: ARRL 2005 Herb S. Brier, Instructor of the Year Award and ARRL Professional Educator of the Year Award: Feb, 101

Call for Papers, 2005 CSVHFS: Mar, 95

Call for Papers: 2006 TAPR/ARRL Digital Communications Conference: Jun. 45

Club Assists with "Ride Idaho" Bike Event (Cruthirds): Jan, 87

Code Practice Oscillator PC Boards (Sellen): Sep. 88

Code Proficiency Awards: Mar, 94

Code Proficiency Awards: Nov. 103

Congratulations! Bob Lincoln, 25 years at ARRL: Jan, 96

EchoLink Resource (Stout): Jul, 96

Electronics Resource Web Site (Poole): Jul, 43

Famous Stamp has Ham Legacy (Troster): May, 40

Female Hams Team Up for WRTC (Emily Thiel, P43E, and Ann Santos, WA1S) (Ortiz): May, 97

Free Software and Ham Radio: The Hamlib Project (Ewing): Feb, 101

Ham Road (sign) (Pierce): Nov, 101

Ham Team Solves Ohio Interference Problem (Halloran): May, 100

Have You Worked All States?: Oct, 71; Feb, 38

Hit and Bounce Nets: The Beat Goes On (Olson): Mar. 94

In the January/February 2006 issue of *QEX*: Feb, 94

In the March/April 2006 issue of *QEX*: Apr., 32

In the May/June 2006 issue of *QEX*: Jun, 58

In the July/August 2006 issue of *OEX*: Aug. 94

In the September/October 2006 Issue of *QEX*: Oct, 57

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Kong Code (Trampler): Mar, 99

Life Members Elected March 11, 2006: May, 104 Life Members Elected October 7, 2006: Dec, 80 Monthly Straight Key Event (Alsobrook): May, 92 Q.R.T. (sign) (Morrison): Nov, 101 Read a Good Newsletter Lately?: Apr., 103 Season's Greetings and Peace on Earth: Dec, 72 Simple Code Practice Oscillator Project: Apr., 103 The E-Mail Must Get Through: Sep, 41 The Knight Distinguished Service Award: Aug. 89 Ultrasonic Arc Detector Update: Jun, 99 VUCC: May, 40 WAC Award: Apr., 98

I would like to get in touch with

- ...manual and schematic for Microcraft Morse-A-Word code reader (Tucker): Feb, 89
- ...direct power from battery into passenger compartment of 2003 Toyota Sienna (Simonds): Jun. 99
- ...hams who collect scores and soundtracks from TV and movies (Sperling): Mar, 99
- ...hams who spend summers as fire tower lookouts (Hazen): Jan, 52
- ...hams with aphasia (Randall): Apr, 54
- ...info on WWII-era military receiver HE-1 or EP-2: Mar, 95
- ...interested in National Wildlife Refuge special event (Forslin): Apr. 54
- ...radio amateurs interested in Siddha Yoga, New Age sciences and psychic phenomena (Wiehe): Feb. 35
- ...schematic and manual for Patcomm PC-500 receiver (Burns): Oct, 100
- ...simplex D-Star contact experiments (Fichter): Oct, 100
- ...starting Railroad Depot Preservation and Special Event Society (Rust): Oct, 100
- .. who studied Amateur Radio with Ted Rvan, WB6JXY (Cheng): Jul, 96

QST congratulates

Al Severson Award: Connie Hamilton, N8IO: Dec, 76 Andrew Austin, AD5UY, 1st place in Open /Event for Computer Operating Systems, 3rd place Open Event for Digital Tools and 2nd place for Computer Concepts at National Future Business Leaders of America Leadership Conference (Sustin): Oct, 100 Barry C. Buchholz, KC8NHI, Coast Guard Aux Medal of Operational Merit: Dec, 76

Brad Lee Anthony, KB3FKB, Eagle Scout: Jan, 52 Brice L. Phillips, WB5MPW, US Small Business Administration Phoenix Award (Battezzato): Jul, 40 Capt Donald S. Inbody, USN, ADØK, retired after 28 years in the US Navy (Callahan): Nov, 79

- Carl R. Stevenson, WK3C, named Policy Leader by Scientific American magazine: Jan, 52
- Charles McConnell, W6DPD, listed in 2006-2007 Who's Who in American Education: Feb, 38
- Cliff Johnson, N9AFA, longest living military veteran: Dec, 76
- David Henderson, KF4VCA, published book Making News — A Straight Shooting Guide to Media Relations (Green): Aug, 89
- Don Backys, K9UQN, Fellow of The Radio Club of America (Backys): Mar, 99
- Don Keith, N4KC, book published, Final Patrol: Oct, 100
- Don Keith, N4KC, book In the Course of Duty published: Jan, 52
- Dr Frederick (Fritz) Raab, W1FR, 2006 Fellows of the IEEE (Rinaldo): Oct, 100
- Dr Roberto Dabdoub, KB5AVY, received W. Sandy Lunch Memorial Award from Tokyo International Amateur Radio Association: Feb, 89
- E. David Reitzel, K8EDR, Elk of Year Award (Reitzel): Oct, 100
- Grant Mukai, KI4DJQ, Eagle Scout (Muki): Aug, 89 Greg Ybarra, N8HXQ, President's Volunteer Service Award (Baker): Nov, 97
- Henry Callaway III, KF4EAB, Liberty Bell Award/Mobile Bar Association (Holberg): Aug, 89
- Honored by QCWA: Dr Larry Price, W4RA; Ken Oelke, VE6AFO; Alan Pickering, KJ9N; Al La Peter, W2AS; Ed Yoder, W4YMB: Dec, 76
- James A. Kutsch Jr, KY2D, President of The Seeing Eye: Dec, 76
- Jeff Capehart, W4UFL, nominated Volunteer of the Year for Alachua County, FL (Tipton): Jun, 45
- Jim Garland, W8ZR, retiring as president of Miami University (Reiff): Jun, 45
- John Dilks, K2TQN, Marconi Memorial Award (Shaw): Oct, 100
- John Wetter, KØWDJ, Outstanding Regional Volunteer Award: Jan, 52
- Joseph A. Ames Jr, W3JY, President's Volunteer Service Award: Jan, 52
- Patrick A. Welsh, KS4EA, Aerospace Education Foundation's 2005 national teacher of the year (Babra): Jul, 40
- Ralph H. Brock, W5MV, published article "Perhaps the Most Incorrect of Any Land Line in the United States" in the Southwestern Historical Quarterly: Sep, 41
- Rich Bonkowski, W3HWJ, fifth and sixth patents: Sep, 41
- Robin Elliott, KE5KAC, Tulsa Mayor's Citizen Corps Volunteer of the Year for 2006: Nov, 79

- Rus Healy, K2UA, receives Cisco Certified Internetwork Expert award: Feb, 94
- Russ Minks, WAØVEE, "Heartland's Greatest Generation" (Newsome): Jan, 52
- San Joaquin Valley Section Manager Charles McConnell, W6DPD, listed in 2006-2007 Who's Who in Science and Engineering: Oct, 100
- Steve Krumm, KV4AN, inducted into Epsilon Mu Eta Engineering Management Honor Society at Old Dominion University (Williams): Jul, 55
- Steve Pengelly, VE3STV, Executive Director Ontario Bar Association: Dec, 76
- Tony McClenny, N3ME, Town Council and Vice Mayor: Dec, 76
- Walter Cronkite, KB2GSD, received NASA's Ambassador of Exploration Award: Apr., 103
- Wayne VanMeter, N7TAE, American Red Cross Armed Forces Emergency Service Award (Barthel): Jun, 45
- William L. Coale, W8WC, Superintendent of Schools: Apr, 40

Technical Correspondence

- Automatic Digital Interface Keying with Timing for Pulsed Digital Modes (Neece): Mar, 69
- Bridges A Doorway to Modern Electronics: Part 2 (Geiser): Jan, 73; *Feedback: Mar, 99*
- Crystal Oscillator Experiments (Hayward): Jul, 65 DNS Choices for Your Ham Server (Ewing): Nov, 77
- Fast TR Switches (Rauch; Kuecken): Sep, 58
- Internet Robots (Love 'em or Hate 'em)! (Kriss): Jul, 66
- Measurement of Transmission Line Stubs for VHF/UHF (Zinder): Mar, 70
- More on Hidden Wire Antennas (Paul): Jul, 66
- On Tuning, Matching and Measuring Antenna System Impedance Using a Hand Held SWR Analyzer (Belrose): Sep, 56
- Security Concerns RCoIP (Schulz): Nov, 77
- Stacking 2 Meter Yagis (Lau): Jun, 73; Feedback: Jul, 85
- Time and Frequency Stations (Cadwallader): Nov, 79 Using a Noise Source, Impedance Bridge and Receiver for "Quick Look See" RF Measurements (Alday): Nov, 78

The Doctor is IN

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Feedback: Jul, 85; Jul, 49, Feedback: Aug, 34; Aug, 45; Sep, 46, Feedback: Nov, 36; Oct, 58; Nov, 61; Dec, 46

The World Above 50 MHz (Zimmerman)

144-MHz Standings: Jul, 79 22 Days in February: May, 81

222 MHz Standings: Oct, 85 A June for the Ages: Sep, 76 Chasing VUCC: Nov, 90 Clubs Redux: Aug, 73

EME Annual Standings: Mar, 81

In the Spring a Young Man's Fancy Turns to...E-skip: Apr. 86

Microwave Standings: Jan, 85 Nihil Novi Sub Soli: Feb, 87

Of Band Plans and Calling Frequencies: Jan, 83

On The Road Again: Jun, 89

Potpourri: Jul, 78

Solar Cycles and the Coming of Cycle 24: Part 1: Dec, 70

The Summer of 2006: Oct, 83 What is a Contact?: Mar, 79

Here and There

ARRL January VHF Sweepstakes; Quadrantids Meteor Shower; Elecraft XV432; EME Conditions for 2005: Jan. 85

Call for Papers — NE Weak Signal Group 32nd Annual Convention and SE VHF Society 10th Annual Conference: Feb, 89

Call for papers — 2006 Central States VHF Society: Mar, 81

Spring Sprints; European Worldwide EME Contest 2006; Eastern VHF/UHF Conference; SVHFS Conference: Apr, 88

Spring Sprints; VHF Dinner at Dayton; Third 6 Meters Marathon: May, 83

June ARRL VHF QSO Party; 2006 SMIRK Contest; DXpedition; Results of the 2005 Fall Sprints; Hungary (HA) on 6 Meters; Silent Keys (Bev Cavender, W4ZD; Jimmy Stewart, WA4MVI; Paul Flaherty, N9FZX; Rod Roderique, WAØQH): Jun, 91

Happy 50th Anniversary, Pack Rats!; DXpedition to VP2V; 2006 CW World Wide VHF Contest; Central States VHF Society 2006 Conference; Alfred "Al" Pacheco, KH6IAA Silent Key; Paul Flaherty, N9FZX, Silent Key; New VUCC Operating Area; VHF+ QSO Mapping: Jul, 80

August UHF Contest; ARRL 10 GHz and Up Cumulative Contest; Hepburn Maps Have Moved: Aug, 75

ARRL September VHF QSO Party; ARRL EME Contest; ARRL 10 GHz and Up Cumulative Contest; Fall Sprints: Sep, 78

Microwave Update (MUD); 2006 ARRL International EME Contest; Fall Sprints; New 6 Meter Beacon: Oct, 85

Dick Ballou, K3MQH Silent Key; EME Beacon; Cycle 24 Begins: Nov, 92

Geminids Meteor Shower; Regional Calling Frequencies?: Dec, 72

On the Bands

6 Meters; 2 meters; EME; Microwaves: May, 83

6 Meters; Aurora; EME: Jun, 91

6 Meters; June VHF QSO Party Highlights; 2 Meter E-Skip in the US; 2 Meter E-Skip in Europe; Tropospheric Ducting: Sep, 78

6 Meters; Tropospheric ducting; EME: Apr, 88

6 Meters; Tropospheric Ducting; 2 Meters: Oct, 84

6 Meters; Tropospheric Ducting; Aurora; Meteor Scatter: Nov, 92

6 Meters; Tropospheric ducting; Meteor scatter: Feb, 89

6 Meters; Tropospheric ducting; Microwaves, EME: Jan. 84

Microwaves; 6 meters; 2 meters; Meteor Scatter; EME: Mar. 80

Tropospheric Ducting; 2 Meter Es/FAI; 6 Meters; Meteor Scatter; EME: Aug, 74

Tropospheric Ducting; 6 Meters; Contests; EME: Dec, 71

Tropospheric Ducting; 6 Meters; EME: Jul, 79

This Month

Jan, 83; Feb, 87; Mar, 79; Apr, 86; May, 81; Jun, 89; Jul, 78; Aug, 73; Sep, 76; Oct, 83; Nov, 90; Dec, 70

This Just In (Kleinman)

60th Anniversary of Project Diana (Harshman): Apr, 13 A tale of two conventions — Maryland/DC Section Convention and Western Pennsylvania Section Convention: Nov, 12

ARRL Antiques, Annals and Archives (Williams): Jan, 13

ARRL E-letters (Kramer): Feb. 13

ARRL Receives Golden Antenna Award in Germany: Nov. 13

Austin Summerfest, 2006 Texas State Convention: Oct, 13

Bandwidth Petition "Reasonable Middle Ground" (RM-11306): May, 13

Coming Summer 2006 — the ARRL Ham Radio Online License Course: Jun, 12

David Topp, W5BXX, Maxim Society (Lindquist): Aug, 13

Dayton 2006 ARRL Expo: May, 12

Dayton? No, Pordenone: Jul, 13

Demystifying Switching Power Supplies (Raymond A. Mack Jr, W5IFS) (Newnes): Jan, 13

Did You Take Yours? (Pitts): Sep, 13

Edmund, OK, Chamber of Commerce Legislative Breakfast (Jones): Jun, 13

George Easley's, KI4DIC, EMCOMM setup (Beals): Apr, 12

George Hart, W1NJM, receives Quarter Century Wireless Association Distinguished Service Award: Jan, 13

Ham-Com in Dallas (Skolaut): Aug, 12

IARU Represented at World Telecommunication Development Conference 2006: May, 13

Introduction to RF Propagation (John S. Seybold, K4PRC) (John Wiley & Sons): Jan, 12

It's a Blog! (dxccblog) (Moore): Sep, 13

Jeffrey Pawlan, WA6KBL, 2006 International Microwave Symposium (Raab): Sep, 13

Kenwood Donates to W1AW and to Gulf Coast Relief: Feb. 13

Key W1AW donation from Carl Lodstrom, KQ6AX: Oct. 12

NASA Certificate of Achievement for ARISS program: Mar, 13

New Antennas at W1AW: Nov, 13

Only kidded (K1D special event station) (Dow): May, 13

Over 30 years of SMs, Central Arkansas Radio Emergency Net Hamfest: Dec, 13

PACIFICON 2006: Dec, 13

Pearl jams with astronauts (Mahar): Jun, 13

Retiring Three-Land Bureau Manager Lauded (Mary Ann Crider, WA3HUP): Mar, 13

Rohde & Schwarz donation to W1AW: Dec, 13

Sign 'er up!: Mar, 13; Feedback: Apr, 97

Special Service Club certificate to Jupiter Tequesta Repeater Group: Mar, 12

Spiffy new office space: ARRL VEC: Jul, 13

Sussex Technical School Amateur Radio Club/Sussex Tech Fest (Edgar): Aug, 12

The Day Before (ARRL Board Meeting): Sep, 12

The Last Telegram (Stan Albrechtsen): Apr, 13

Three Bobs (ARRL tour guide volunteers): Oct, 13

Two HQ Reps Present Ham Radio to Security Conference: Sep. 13

Two winners: SM Jim Boehner, N2ZZ, and former SM John Covington, W4CC, Vic Clark Roanoke Division 2005 Service Award: Jul, 12

US Power Squadrons Visits W1AW for Special Event (Graves): Aug, 13

W4RU, W4RH and KØBOG greet hams at Georgia State Convention: Feb. 12

Wanted: Hurricane Relief Photos: Jan, 13 Wythe County, VA, hams (Baldwin): Jun, 13

In Brief

New Atlantic Division Director; Petition for Rule
Making — League's plan to segment bands; K7BV
meets with United States Power Squadrons; W1FRI
IEEE BPL Study; WA8SME presentation to
California Council of Electronics instructors; 2 new
scholarships; Broward and Palm Beach emergency
offices laud ham volunteers; PPL Broadband ends
power line experiment in Lehigh Valley PA; ARRL
requests FCC to modify Part 15 BPL rules;
hurricane stories on ARRLWeb; ARRL — FCC
meaningful privileges for new licensees; October 22
ARRL EC meeting; ham volunteers during tornados;
Holiday Toy Drive; ARRL at USA Freedom Corps;
Telecom Americas 2005, continued: Jan, 12

FCC OET standing behind Broadband over Powerline Web site; ARRL assessing D-Star; ARRL Development staff at National Conference for Individuals with Disabilities; jury finds Jack Gerritsen guilty; Winlink page on ARRL Web; Greg Milnes, W7OZ, Silent Key; Bob Schetgen, KU7G, Silent Key; Dave Patton, NN1N, manager of ARRL Field and Educational Services; Bruce Pontius, NØADL, November 2005 Cover Plaque Award winner; ARRL sponsored two power-line interference workshops; ARRL and IARU contributed to ITU Radiocommunications Sector studies of Ultra-Wide Band short-range RF Technology and its potential to interfere with radio services.: Feb, 12

ARRL Board meets; BPL in Manassas, VA; BPL in TX; 2006 Peter I Island DXpedition; notes of encouragement to WV miner Randy McCloy, KC8VKZ; vanity call signs; two new FCC commissioners; active military ARRL members may suspend *QST*; ARRL Third Call Area Incoming QSL Bureau; KH9/WØCN and D2DX approved for DXCC; Wayne C. Long, K9YNF, December 2005 Cover Plaque winner: Mar, 12

FCC-mandated BPL Interference Resolution Web site; Avista Utilities re-evaluating BPL plans; IDACOMM ops out of BPL test plan; ARES, MARS and Winlink 2000 positive mentions in US House of Representatives regarding Hurricane Katrina; new NASA astronaut corps members earn Amateur Radio licenses; new Element 2 question pool; Stu Cohen, N1SC, January 2006 Cover Plaque winner; DXCC Desk approves R1MVC, R1MVWI, K7C, Y19VCQ; US Rep Mike Ross, WD5DVR, "Salute to Ham Radio Operators"; 2005 Bill Orr, W6SAI, Technical Writing Award to Phil Salas, AD5X; Clinton B. DeSoto Cup to Bob Eshleman, W4DR; ARRL EXPO at Dayton Hamvention; 2006 Field Day package available; 2005 Bill Leonard,

W2SKE, Professional Media Award to Marilu Lozada; 2005 International Humanitarian Award to members of Andaman and Nicobar Islands VU4RBI/VU4NRO DXpedition team: Apr, 12

"Hello" promotion; COMTec, City of Manassas, VA, BPL must meet FCC Part 15 rules; PRB-1 in Mississippi; Post-Katrina reports; ARES in MO tornados; ARRL National Emergency Response Planning Committee; John Hennessee, N1KB, Silent Key; four new Section Managers; DXCC approves YI/OM2DX, K3LP/KP5 and N3KS/KP5; ARRL International DX Contest; New Technician question pool; Solar Cycle 24; Vanity call sign filing procedures; Motorola white paper "Practical, Proven Broadband over Power Line"; H. Paul Shuch, N6TX, AMSAT-NA Director of Education; David A. Rosenthal, N6TST, February *QST* Cover Plaque Award: May, 12

ARRL VEC can process vanity call sign renewals; call for BPL shutdown; "Hello" PSA; Midwest and South tornadoes; March *QST* Cover Plaque Award to Markus Hansen, VE7CA; Manassas VA PBL problems; "Operation Trifecta"; World Amateur Radio Day; VUCC operating area; DXCC approved TT8PK, 3YØX, 6OØN, YI/OM2DX, YI3SRA; The Big Project at National Science Teachers Association; Nomination deadline for McGan Award; SKYWARN training at ARRL: Jun, 12

Dayton 2006 Weblog; ARRL EXPO 2006; Joel Harrison, W5ZN, at NAB and RTNDA conferences; telecom bill for FCC to study BPL; ARES volunteers after flooding; ARRL job opening; VT PRB-1 bill; Logbook of the World milestone; www.arrl.org/*QST*/copyright-faq.html/; DXCC approves YI9LZ: Jul, 12

Telecom bill; Kids Day 2006; Take Your Handheld to Work; Karl Bullock, WA5TMC, Delta Div vice director; new Section Managers; VT PRB-1 law; DXCC approves T61AA; DXCC langauge change re political entities; HAMCOM Colorado; MSgt Donald Poquette, KE9XB/AGA3C Chief of the Air Force Military Affiliate Radio System; Robert M. McDowell FCC commissioner: Aug, 12

ARRL Board of Directors meeting; Montenegro Int'l DX Festival; space shuttle Discovery; VE3EJ and VE7ZO World Radiosport Team Championship 2006; 6 meter opening; Hurricane Katrina comments; BPL audio conference; DXCC approves YU6AO; Swain's Island 337th DXCC entity; Scout Camps Calling Protocol; Tom Sowden, KØGKD, June *QST* Cover Plaque Award; 171 "Big Project" schools; Bucks County, PA, ARES/RACES: Sep, 12 FCC denies series of BPL-related petitions; 64th Fresno

Hamfest/Cover Plaque Award to David Rosenthal,

N6TST; July Cover Plaque Award to Paul Graziani, W5ZK; Icom principal awards sponsor for November Sweepstakes; 13th Conference of IARU Region 3; MARS backup communication for US Transportation Security Administration; Manassas, VA, PBL system "flawed in numerous respects"; Montenegro International DX Festival 4O3T; emergency communication bill; ISS Expedition 12 Commander Bill McArthur, KC5ACR, keynote speaker at AMSAT Space Symposium; DXCC Desk approved KH8SI, K1ER/KH8, WH7S/KH8, K8YSE/KH8, AH7C/KH8, KH6BK/KH8 Swain's Island; ARES/RACE in Colby, KS assist after tornado: Oct, 12

Wade Walstrom, WØEJ, Silent Key; VE7SL and VY1JA first long-distance low-frequency aural CW contact; ARRL in 2006 Combined Federal Campaign; August *QST* Cover Plaque award to Alan Bloom, N1AL; registration open CCE online courses; Dennis Motschenbacher, K7BV, leaves ARRL; Tom Hogerty, KC1J, joins Contest Branch; 5 amateurs on ISS; ME Gov Baldacci, KB1NXP, earned Tech license; Amateur Radio Awareness Day; 2006 ARRL/TAPR Digital Communications Conference; Hurricane Watch Net — Ernesto: Nov, 12

PRM for 60 meters; ARRL On-Line auction; Marshall Quiat, AGØX, Silent Key; Part 15 appeal re BPL; New York Public Service Commission BPL policy; Section Manager Workshop; Notice of Variation by UK telcoms regulator Ofcom; Hawaii earthquake; D.E. "Dee" Logan, W1HEO, 2006 McGan Award winner; 2nd 2006 school club roundup; ALE On The Air Week; WRC-07 comments on IB Docket 04-286; Jamboree On The Air; DXCC approved 9Q1D; Homeland Security 2007 Appropriations Act HR 5441; Ken Widelitz, K6LA/VY2TT, September *QST* Cover Plaque Award; registration open for online courses: Dec, 12

Inside HQ (Kramer)

ARRL E-letters: Feb, 13

FAQs: Sep, 13

Inside the HQ Warehouse: Mar, 13

Kirk to Enterprise: Aug, 13 My New Radio: Apr, 13

New and Improved Licensing Materials: Dec, 13

OEX: May, 13

OST Improvements: Jan, 13

The ARRL On-Line Auction: Nov. 13

Welcome Aboard! Deb Jahnke, K1DAJ; Katie Breen, W1KRB; S. Khrystyne Keane, K1SFA; Amy

Hurtado: Jun, 13

Welcome to "Mecca": Jul, 13

Whiskey One Alfa Whiskey: Oct, 13

Media Hits (Pitts)

- Electronic Design; PC Magazine; Fire Chief Magazine; The History Channel Magazine; Independent Press, NJ; RF Design: Jan, 12
- Florida Baptist Witness; Marianas Variety News' Guam edition; Springfield News (OR); Sonoran Community Progress; Radio World; Pittsburgh Tribune-Review: Feb, 12; *Feedback: May, 104*
- Boston Herald; Frederick (MD) News-Post; San Diego Union-Tribune; Clearwater (FL) Gazette & Beach News; Boston Globe; Mobile Radio Technology Magazine; The Pendulum (East Greenwich, RI); ACOG Today: Mar, 12
- Science@NASA; The New York Times; The Discovery Channel; Netscape News; Fox News; Voice of America; All Headline News; Reed Business Information; ABC New; CBS News; NBC News; CNN; MSNBC; Canadian and British Broadcasting Corporations; The Huston Chronicle; Associated Press; Reuters; Dallas Morning News; Suffolk Live (Riverhead, NY); Orlando Sentinel; Sky magazine; Conformity magazine: Apr, 12
- Star News (Raleigh, NC); Laurel Leader (Laurel, MD); WTTG-TV Fox News; Advocate (Baton Rouge, LA); Monterey County Life & Times; Gazette Packet (Alexandria, VA); Herald (Shelbyville, MO; Cincinnati Enquirer: May, 12
- International Space Station; News of Orange County (NC); Albuquerque Journal (NM); Associated Press (ND); Journal of Public Safety Communications; Government Technology Magazine (Folsom, CA); Los Angeles Daily News: Jun, 12
- National Public Radio; Biloxi (MS) Sun Herald; The Horse magazine; Florida Space Monthly; The Baxter Bulletin (AR); The Times-News (Twin Falls, ID); Farmers' Forum (Fargo, ND); The Paris (TX) News; NOAA Magazine; The Messenger (Madison, OH); BostonMarathon.org: Jul, 12
- National Public Radio; Harper's; Investor's Business Daily; WSAW-TV, Wausau, WI; Palm Beach Post (FL); The Iowa Lawyer: Aug, 12
- Naples (FL) News; Beaumont (TX) Journal; Daily Record (Ellensburg, WA); Avon (CT) Post; LA Daily News (Woodland Hills, CA); Daily Record (Parsippany, NJ); Anchorage (AK) Daily News; Marion (OH) Star; Pocono Record (East Stroudsburg, PA); Toledo (OH) Blade; Manassas (VA) Journal Messenger: Sep, 12
- Mobile Radio Technology; Washington Post; Star-News, Wilmington, NC; Army News Service Military.Com; The San Jose Mercury News; KQMS

- in Redding CA; The Boston Globe; WXIA News 11, Atlanta, GA: Oct, 12
- The Flint Journal (MI); ww.99hobbies.com' Back Home magazine; Computing Unplugged magazine; www.here
 - now.org/shows/2006/08/20060804_9.asp; The Daily Advertiser (LA); Popular Communications Magazine: Nov, 12
- Herald-Whig, Quincy, IL; WRC-TV; Chicago Tribune; Bedford Bulletin, Bedford, VA; Star-Ledger, Newark, NJ; Will Glen Resident, San Jose, CA; Ventura County Star, Ventura, CA; Electronic Design: Dec, 12

Up Front

- A New England Treasure (New England Wireless and Steam Museum) (Hobart): Jan, 21; *Feedback: Mar, qq*
- ARRL Homebrew Challenge! (Hallas): Aug, 20; Feedback: Dec, 56
- Back on the ranch...(Ham Ranch sign) (Voss): Jul, 21 Bill and his beam stalk (Lauterback): Jun, 20 Boat anchor night light (Salas): Jan, 21
- CD "Remanence" features Morse code (Thomin): Mar, 21
- Club Cooperation Pays Off at Virginia Air & Space Center (Pierpont): Feb, 20
- Craftmanship Wouff-Hong (Hershberger): Mar, 21 Custom emergency key box (Gibbons): Sep, 21
- Earth Day and Amateur Radio: A Great Combo! (Wormser (SK)): Apr, 21
- EMI situation off Rte 772 (Sarraf): Mar, 21
- Enter the ARRL Photo Contest! You Could Win \$100!: Apr, 20
- Fair Time for Ham Radio: Mason County Fair's "Amateur Radio Department" (Kroum): Jul, 21 Fiddling Around in Texas (Musgrove): Jan, 21 Field Day 2006:
 - Family event, Raleigh, NC (Conder): Dec, 20 Frame Grabber (Leonard): Dec, 20 They joined 'em - Field Day/Balloon Fest (Keep): Dec, 20
- Field Day is June 24-25! An OK Field Day (Carruthers): Jun, 20
- Field Day is June 24-25! PenBay ARC (Baldwin): Jun, 20; Feedback: Jul, 85
- Field Day T-shirts and pins: Jun, 20
- First Rover Recognition Award to N6TEB (Glen): Jul, 21
- Florida Contest Group "Caps" the Top of the World (White): Oct, 21
- Fox hunt (Knowles): Feb, 20
- Free EmComm Honor Roll Certificate: Mar, 20

Frosty (Moore): Apr, 21

Got lightning protection? (George): Aug, 21 Ham Shack Rises in Ohio (Novak): Feb, 20 Have a Story to Tell?: Mar, 20; Nov, 20 Homebrew 5-6-9 (Goodsell): Jan, 20 Homebrew Wouff Hong (Hershberger): Jan, 20 I Wish They All Could Be California Hams (Kotowski): Nov, 21 Killer Bees vs Hams at Fort Stockton (Higgins): Mar, 20 Mini Car/Mini Radio (Arnold): Feb, 21 More on the Kure Atoll DXpedition: Jun, 21 My Contact With NA1SS (Lewis): May, 20 NØLX Attempts QRP Marine Record (Groenhof): May, 21 Not Just Another Backyard Project — homebrew birdhouse (Tomkovic): Aug. 21 Power Squadrons Special Event (Stark): Jun, 21 Presenting: The Winner (and near winners) of the 2006 ARRL Photo Contest: Sep, 20 Antennas rise in hot Louisiana sun (Perrilloux) Atmospheric 160 meter contact (Vertolli) He's ready (CERT) (Khoo) Moon-bound array (Glasener) Sunrise or sunset? (Aragao) Sunrise or sunset? (Dober) This one's a sunrise! (Lantz) QRP Vacapedition (Gregg): Dec, 21 QRV (Amateur Radio Club of Notre Dame) (Keating): Sep, 21 QSL Quilt (Gross): Mar, 21 Rachel Carson Trail Challenge (Bastone): Dec, 20 Ready for the Next Big One (Clark): May, 21 Retooled TNC? (Chudek): Sep, 21 Scooter Mobile (Galbreath): Nov, 21 SkyRepeater (Alperen): Feb, 21 The Devil's Golf Course (Hammer): Aug. 20 The morning after... (Roy): Mar, 20 The Next Generation of Ham Radio (102.9 sign) (Cieslak): Dec, 21 The Watermelon Dipole — Not Just Another Ordinary Edible Antenna (Horlick): May, 20 Troop 950, Sterling, VA, visit Boy Scout Camp Paw Paw (Weber): Oct, 20 Two on a Sewer Pipe (Wilford): Jan, 20 Unique Approach Pays Dividends (Alice C. Stelle Middle School, Calabasas, CA) (Goodkin): Aug, 21 W1DAN enjoys vintage National Radio Company line of tube receivers (Ziobro): Jan, 20 W4HI: Active When Spark was King (Bower): Jul, 21 W6RO — The Public Relations Station (Brightman): Nov. 20

W9MW's 1946 station (Johnson): Jan, 20

What is that thing? (Fractal Antenna) (Bruette): Sep. 21

What will they think of next! (QRM Drop Box) (Ahrens): Sep, 21

Where Did You Spend This Past Winter? (Brumley): Apr, 20

YARC Supports Arizona's Whiskey Row Marathon (Halgunseth): Oct, 20

Yes, Virginia, There's an Amateur Radio Club at the Pentagon (Friedman): Oct, 20

Young Katrina Relief Volunteer Honored (Joseph W. Gadus III, KE5BVQ) (Gadus): Feb, 20

Zoooom...Air Show at Quad City Airport (Baker): Aug, 21

VHF/UHF Century Club Awards (Sapko):

Feb, 89; Apr, 102; Jun, 91; Aug, 75; Oct, 85; Dec, 81

W1AW Schedule

Jan, 98; Feb, 95; Mar, 96; Apr, 99; May, 94; Jun, 93; Jul, 87; Aug, 86; Sep, 87; Oct, 94; Nov, 102; Dec, 77