Index to 2002 QST

75, 50 and 25 Years Ago (1927, 1952, 1977) (Brogdon)

Jan, 104; Feb, 108; Mar, 101; Apr, 92; May, 103;Jun, 89; Jul, 84; Aug, 86; Sep, 84; Oct, 84; Nov, 100; Dec, 91

Amateur Radio World (Patton)

A Brief History of World Amateur Radio Day (sidebar to World Amateur Radio Day Celebrates Amateurs' Continuing Innovation in Communication Technology): Apr, 76

Amateur Radio Operators and the United Nations: Feb, 99

Briefs: Amateurs in Panama agaiin have access to 30 meters; Japan Amateur Radio League leadership announced; Deutscher Amateur Radio Club's 5 WPM survey: Aug, 5

Briefs: Radio Amateurs of Canada 2002 convention set; New Zealand simplifies amateur licensing: Apr, 76

IARU Administrative Council Reviews the Status of WRC-2003: Feb, 98

IARU Region 1 Executive Committee Meets in San Marino to Plan Triennial Conference (Price): Aug, 58

IARU Region 2 Meets in Guatemala: Feb, 98 IARU Represented at ITU Special Committee Meeting: Nov, 98

JARL Ham Fair 2002 a Success: Nov, 98

New British Foundation License Provides HF Access via "Morse Assessment": Jun, 75

World Amateur Radio Day Celebrates Amateurs' Continuing Innovation in Communication Technology: Apr, 76

Amateur Satellites (Ford)

AMSAT-OSCAR 40—Status Report: Mar, 93 OSCAR 40 Status: Dec, 86 OSCAR 40—Indonesian Style: Dec, 86 OSCAR 7 Lives Again: Sep, 72 Satellites and Field Day 2002: Jun, 74 The End of RS-12/13?: Dec, 86 W1AW on AO-40: Sep, 72

At the Foundation (Lau) (Column)

Contributor's Corner: Jan, 102; Mar, 95; May, 101; Jul, 79; Sep, 78; Nov, 97

Foundation Grant Funds Historical Amateur Radio Exhibit: Mar, 95

Grant Helps the Scouts of KB3BOY Camp Ockanickon (Zajko): May, 100; Feedback: Jul, 39

Grant Lofts High Altitude Balloons and Ham Radio (Broad): Nov, 97

Hall of Science Museum Station Showcases Hands-On Technology (Greenbaum): Jul, 79

Important Change to Scholarship Program: Nov, 97 Junior High School Success Story for Hermann Bearcat ARC (Lionberger): Jan, 102

The Results of Scholarships and Academic Excellence: Sep, 77

Tuning in to Fun for Texas Visually Impaired Students (Bosback): Jul, 79

Coming Conventions/Hamfest Calendar (Iannone)

Jan, 105; Feb, 105; Mar, 98; Apr, 87; May, 97; Jun, 86; Jul, 80 Aug, 81; Sep, 85; Oct, 86; Nov, 95; Dec, 92

Contest Corral (Silver)

Jan, 107; Feb, 109; Mar, 102; Apr, 93; May, 104;Jun, 90; Jul, 85; Aug, 87; Sep, 89; Oct, 89; Nov, 102; Dec, 93

DC Currents (Mansfield)

Adelstein FCC Nomination Again Sidetracked (Lindquist): Dec, 15

ARRL "Takes to the Hill" on CC&R Issue: Apr, 15 ARRL Counsel Speaks out on Proliferation of Unlicensed Devices: Jan, 15

ARRL Gets In Some Prime Face Time at NAB Convention: Jun, 16

ARRL Homeland Security Federal Grant Training Program (Lindquist): Oct, 15

ARRL Officials Upbeat about Removing Potential Monkey Wrench from 5-MHz Band Proposal (Lindquist): Nov, 15

ARRL Part 15 Stance Draws Industry Fire: Aug, 16 ARRL Says FCC is Overstepping its Part 15 Authority: May, 16

Bug Threats Slow License Processing at FCC: Jan, 15

CC&R Bill "the Right and Fair Thing," Sponsor Says: Aug, 15

CC&R Bill HR 4720 Gains Additional Cosponsors: Sep, 16

CC&R Bill, HR 4720, Attracts Additional Cosponsors (Lindquist): Oct, 16

- Congress Completes Legislative Business; CC&R Bill Likely Left Behind (Lindquist): Dec, 15
- Cosponsor List for CC&R Bill, HR 4720, Continues to Grow (Lindquist): Nov, 16
- DoD says More Control Over Bandwidth Needed to Fight High Tech War: Mar, 16
- Edmond J. Thomas Appointed OET Chief: Mar, 16 FCC Approves Reorganization Portion of Reform Effort: Mar, 15
- FCC Cites Schoenbohm Case in Proposing to Strengthen Repetitious Applications Rules: Jun, 15
- FCC in Denial, Puts CC&R Monkey on Congress' Back: Mar, 15
- FCC Inches Closer to Full Strength as Adelstein Undergoes Senate Grilling: Sep, 16
- FCC Okays UWB Despite Opposition: Apr, 15
- FCC Proceeding Puts New Pressure on Amateur Microwave Band: Jun, 15
- FCC Puts Off Consideration of Ultra-Wideband Rules: Feb, 16
- First Half of 107th Congress Over and Second Half Begins: Jan, 15
- Ham-Congressman Appointed to Key House Subcommitee (Lindquist): Dec, 15
- Landmark Bil could Provide Relief to Amateurs from Restrictive Covenants: Jul, 15
- Lawmakers Trying to Create New Radio HERO: Feb, 16
- Meeting Mulls Enhanced Public Safety Role for Amateurs: Sep, 15
- Pending CITEL Resolution is a Step Toward Global Ham Ticket (Lindquist): Oct, 16
- President Haynie Calls DC Visit "Best Yet" for Ham Radio: May, 15
- Science and Technology Mobilization Act: May, 16 Senate "NetGuard" Hearing asks ARRL for Written Testimony: Feb, 15
- Senate NETGuard Bill Would Create Volunteer Technology Cadre: Jul, 16
- Spectrum Protection Act Among Bills Caught in "Enron Logjam": Jun, 16
- Status on House and Senate Amateur Radio Spectrum Bills: Jan, 16
- Status on House and Senate Amateur Radio Spectrum Bills: Apr, 16
- Steve Mansfield, N1MZA, Silent Key (Lindquist): Oct. 16
- "Tauzin Dingell"? What Was All the Fuss About?: Apr, 16
- Tauzin Moving Ahead with Spectum Management Policy: Jul, 16

- Update on CC&R Effort: Jan, 16
- US Senate Explores the Topic of Spectrum Management: Aug, 15
- Voss Senate Testimony Cites Value of ARISS: Sep,
- White House Greets Amateur Radio Operators: Aug, 16

Media Hits

- The Valley Independent (Monessen, PA); Pueblo Chieftan (CO); The Chronicle (Chehalis, WA); Internet by MSNBC; Boy's Life magazine; Clarion Ledger (Jackson, MS): Jan, 16; Feedback: Mar, 16
- Los Angeles Times; San Diego Union Tribune; Azusa (CA) Herald; Huber Heights Courier Times; Denton Record Chronicle: Feb, 16
- Seattle Times (WA); Palos Verdes Peninsula News (CA); The Northwest Navigator, North Kitsap Herald (Navy); Daily Herald (Arlington Heights, IL); Express News (San Antonio, TX): Mar, 16
- Wilmington (NC) Morning Star; Los Angeles Times; Boston Globe; CNN Headline News; Wall Street Journal; Associated Press Science Feed: Apr, 16
- The Deseret News (UT); Inside San Jose magazine; Land Line magazine; Chattanooga Times Free Press (TN): Jun, 16
- "Whole Internet Page-A-Day Calendar"; Mobile Radio Technology; Herald-Mail (Hagerstown, MD); New Era (Lancaster, PA); Hawthorne Press (NJ): Jul, 16
- The Hartford Courant, The Advocate, Record-Journal, The Day, WFSB-TV, CT Radio Network, Newington Life, WDRC-FM/AM; Christian Sciecne Monitor (CT); The Post-Standard & Herald-Journal (Syracuse, NY); The Bozeman Daily (MT); Vero Beach Press (FL); KKOB Radio (NM): Oct, 16
- The Floyd Press, VA; Erie Times News, PA; Sun City West Independent, AZ; Lynden Tribune, OR; Pioneer, Bemidji, MN: Nov, 16
- The Compass Magazine of the The Virginian-Pilot (Norfolk, VA) Dec, 15

Digital Dimension (Horzepa)

- A Typical Meteor-Scatter QSO Experience (Tipton): Mar, 92
- High-Speed Digital and Multimedia Working Group is On: Jun, 76
- New APRS Software Uses MapPoint: Jun, 76
- Put a Repeater Controller in Your Computer: Jan, 99 Testing the Precision of APRS for Aircraft

Emergencies: Sep, 79

VHF Propagation Software: Dec, 87 Why I Like the Internet (Part 2): Jun, 76 Will D-STAR be the Next Big Star in the Digital Dimension?: Dec, 87

DXCC Honor Roll (Moore)

DXCC Honor Roll: Aug, 98

Exam Info (Jahnke)

New Extra Class Question Pool Effective July 1; FCC Says Date of Birth Not Required: Jul, 75 QPC Releases Revised Amateur Extra Class Question Pool; FCC Again Collects Dates of Birth and Begins FRN Collection: Jan, 101

Feedback (Pre-2002)

(December 2001 *QST*, p 15): Jan, 16 Updating the W1FB 80-Meter "Sardine Sender" (*QST*, November 2001, 54-56) (Westgard): Mar, 42

Oops! (DC Currents: Terrorism Bugs Capitol Hill

Feedback (2002)

- 9-11-01: A Dedication to Public Service (April 2002 *QST*, pp 28-33): May, 78
- A CW Generator and Audio Distribution System for Students (*QST*, February 2002, pp 62-64) (Rynone): Mar, 42
- A Quality Sound Card Interface for ICOM Rigs (March 2002 *QST*, pp 31-37) (Lewis): May, 78
- A Simple and Portable HF Vertical Travel Antenna (July 2002 *QST*, pp 28-31): Aug, 58
- AMRAD Low Frequency Upconverter (April 2002 *QST*, pp 34-39): Oct, 39
- At the Foundation: Grant Helps the Scouts of KB3BOY Camp Ockanickon (May 2002 *QST*, pp 100-101): Jul, 39
- Correspondence: ARES Needs Help (March 2002 *QST*, p 24) (Lee): May, 78;
- DC Currents: Media Hits: The Valley Independent (Monessen, PA) (*QST*, January 2002, p 16): Mar, 16
- Digital Voice: An Update and Forecast (February 2002 *QST*, pp 38-41) (Smith): Mar, 42
- Digital Voice: The Next New Mode? (January 2002 *QST*, pp 28-32) (Smith): Mar, 42
- How's DX? Out of the Band? (October 2002 *QST*): Dec, 73
- QRP Power: Lust at First Sight (June 2002 *QST*, p 84): Aug, 58

- QRP Power: Potpourri: QRP Contest Program [QRP Dupe] (May 2002 *QST*, p 95): Aug, 58
- Strays: *QST* congratulates..."VC" Angell, KCØEM (June 2002 *QST* p 50): Jul, 39
- Strays: Radio Line-of-Sight Plot Server (May 2002 *QST*, p 107): Jun, 69
- Technical Correspondence: Test Your Filter Knowledge—Again! (October 2002 *QST*, pp 69-70): Nov, 47
- Technical Correspondence: The ICOM 756PRO—A Cure for the Rumble (June 2002 *QST*, pp 68-69) (Gibbs): Jul, 39
- Technical Correspondence: Vocoder Revived (October 2002 *QST*, p 69): Dec, 73
- Test Your Knowledge: Filtering and Tuning (February 2002 *QST*, p 65) (Silver/Knadle Jr): Oct. 69
- The "No Fibbin" RF Field Strength Meter (August 2002 *QST*, p 28-29) (Noakes): Sep, 88
- The Doctor is IN (Jul 2002 *QST*, pp 46-47): Sep, 88 The World Above 50 MHz: 135 cm—The Neglected Band (August 2002 *QST*, pp 74-75) (Pocock): Oct,
- The World Above 50 MHz: On the Bands (June 2002 *QST*, pp 82-83) (Pocock): Aug, 76
- The World Above 50 MHz: On the Bands (March 2002 *QST*, pp 85-87): Apr, 83
- The World Above 50 MHz: On the Bands (May 2002 *OST*, pp 90-91) (Pocock): Aug, 76
- Up Front: Ben Franklin Flag (September 2002 *QST*, p 20): Oct, 39
- What Can You Do with a Dip Meter? (May 2002 *QST*, pp 65-68): Jun, 69

Feature/General Interest

- 2001 USA Direction Finding Championships (Boyd): Mar, 46
- 2001 USA Direction Finding Championships (Mileshosky): Mar, 46
- 50 Years of OMIK (Phillips): Nov, 53
- 9-11-01: A Dedication to Emergency Service (Lindquist): Apr. 28; Feedback: May, 78
- A 1930s TRF-Autodyne Receiver (sidebar to The Age of the Autodyne) (Klase): Jan, 44
- A DXpedition to Niger (Cortese): May, 49
- A Ham Radio Fishing DXpedition in the Wilds of Quebec (Abraczinskas): Feb, 57
- A Novice Contester Gets His (Phillips): May, 53
- A Place Signed with Honor (Turner): Dec, 57
- Additional Information [Amateur Radio Lighthouse Society] (sidebar to Lighting Up the Airways from a Lightship) (Arnold): Aug, 50

- Amateur Radio at the 2001 New York Marathon: Hams Again Provide Superb Communications to the NY Marathon (Bennett): Feb, 53
- Amateur Radio at the 2001 New York Marathon: Race Day Starts at 4 AM (Hirsh): Feb, 53
- Amateur Radio Education & Technology Program in Full Swing (sidebar to Amateur Radio—A Powerful Voice in Education) (Hill): Dec, 54
- Amateur Radio Hits the Big Screen (White): Jul, 43 Amateur Radio—A Powerful Voice in Education (Hill): Dec, 52
- An Island Sprouts Its First Amateur Inhabitants (Green): Feb, 42
- And the Call Sign is... (sidebar to WRTC 2002—In the Land of the Midnight Sauna) (Silver): Oct, 41
- Announcing the Eleventh Annual Philip J. McGan Memorial Silver Antenna Award (Hagy): Feb, 52
- Antennas Used at VP8THU and VP8GEO (sidebar to The 2002 South Sandwich/South Georgia Micro-Lite DXpedition) (Craig): Aug, 43
- ARRL Donor Reception Features Nobel Laureate Joe Taylor, K1JT (sidebar to The Dayton 2002 Experience): Aug, 46
- Birth of the Southern Appalachian Radio Museum (Henderson): Jan, 46
- CQ 6 Meters from the Galapagos (Silver): Apr, 51 DXing with Polar Bears (Reisenauer Jr): May, 55
- Gold Medalists by Event and Age Category (sidebar to 2001 USA Direction Finding Championships) (Moell): Mar, 48
- Hams and the Rodeo-Chediski Fire (Unangst): Nov, 50
- Hams Fly High at Oshkosh (White): Nov, 55
 Help Keep the Amateur Satellites in Orbit (sidebar to
 The Legacy of AMSAT-OSCAR 6) (Curtis): Oct,
 50
- Interview with Toni Myers, Producer of IMAX 3D Film Space Station (sidebar to Amateur Radio Hits the Big Screen) (Bauer): Jul, 45
- Just Where are We? (sidebar to DXing with Polar Bears) (Reisenauer Jr): May, 56
- Lighting Up the Airways from a Lightship (Arnold): Aug, 49
- Linked Repeater Systems: The Missing Links (Cox): Dec, 49
- Major New Gear Less Abundant (sidebar to The Dayton 2002 Experience): Aug, 47
- Making the Media Work for You (Slater): Feb, 48 More ARDF Action in 2002—USA and World Championships (sidebar to 2001 USA Direction Finding Championships) (Moell): Mar, 48

OSCAR 40 on 24 GHz (Seguin): Dec, 55

- Postscript (sidebar to A Place Signed with Honor) (Turner): Dec, 58
- Public Relations vs Public Service (sidebar to Announcing the Eleventh Annual Philip J. McGan Memorial Silver Antenna Award) (Hagy): Feb, 52
- Real-Time Scoreboard—At Last! (sidebar to WRTC 2002—In the Land of the Midnight Sauna) (Silver): Oct, 43
- Satellite DXing "To Go" (Rosenthal): Jun, 40
- Satellites Oversimplified (sidebar to Satellite DXing "To Go") (Rosenthal): Jun, 42
- Somewhere There's a Good Home for a Boat Anchor (Harper): May, 58
- South Georgia and South Sandwich Islands (sidebar to The 2002 South Sandwich/South Georgia Micro-Lite DXpedition) (Craig): Aug, 41
- Straight Key Night: A New Beginning (Russell): Apr, 54
- The 2002 South Sandwich/South Georgia Micro-Lite DXpedition (Craig): Aug, 40
- The Age of the Autodyne (Klase): Jan, 43
- The Dayton 2002 Experience: Aug, 45
- The Digital Escapades of ST0P in the Sudan (Hambleton): Mar, 43
- The Drake TR-22: An FM Classic (Ford): Jan, 48
- The Evolution of the World Radiosport Team Championships (Patton): May, 60
- The First Field Day (Bergren): Jun, 44
- The Largest Nation in Africa (sidebar to The Digital Escapades of STOP in the Sudan) (Hambleton): Mar. 43
- The Legacy of AMSAT-OSCAR 6 (Curtis): Oct, 48
- The Thrill of it All (Schuster): Sep, 44
- Tokyo Ham Fair 2001 (Patton): Jan, 39
- Where is that Ham Radio Guy? (sidebar to Amateur Radio at the 2001 New York Marathon) (Prescott): Feb, 55
- Why Has 6 Been So Good? (sidebar to CQ 6 Meters from the Galapagos) (Jones): Apr, 52
- WRTC 2002—In the Land of the Midnight Sauna (Silver): Oct, 40
- You Can Do It, Too (sidebar to Making the Press Work for You) (Slater): Feb, 50

Feature/Technical

- A "One-Masted Sloop" for 40, 20, 15 and 10 Meters (Rogers): Apr, 44
- A 6-Meter Quad-Turnstile (Cebik): May, 42
- A Balanced, Everyday Approach to All-Band Bliss (Kleinschmidt): Apr. 47
- A Compact, Direct-Digital VFO (Hagerty): Jan, 35

- A Continuing Legacy of Innovation (sidebar to Digital Voice: The Next New Mode?) (Harrison): Jan, 32
- A Ham Radio Public Utility HF Station (Wyatt/Schretter/Lamonica): Nov, 39
- A High Performance, Low Cost 1.8 to 54 MHz Low Pass Filter (Jones): Nov, 34
- A Horizontal Loop for 80-Meter DX (Belrose): Aug, 30
- A Microphone Adapter for the IC-706 (Davidson): May, 39
- A Portable Twin-Lead 20-Meter Dipole (Wadsworth): Feb, 36
- A Quality Sound Card Interface for ICOM Rigs (Lewis): Mar, 31; Feedback: May, 78
- A Simple and Portable HF Vertical Travel Antenna (Salas): Jul, 28; Feedback: Aug 58
- AirMail Makes it Easy! (sidebar to Introduction to Winlink 2000) (Poor): Jun, 32
- AMRAD Low Frequency Upconverter (Gentges/Ratzlaff): Apr, 34; Feedback: Oct, 39
- ARRL's Active Role in Software Radio (sidebar to Linux, Software Radio and the Radio Amateur) (Smith): Oct, 34
- BEACONet^31 (sidebar to Collecting Propagation Data on 10 Meters using BEACONet^31) (Tupis): Jun, 37
- Build an APRS Encoder Tracker (Carter): Feb, 28 Build the "No Excuses" QRP Transceiver (Metzger): Dec, 28
- Building the St Louis Switcher (sidebar to The St Louis Switcher) (Heron): May, 36
- Collecting Propagation Data on 10 Meters using BEACONet^31 (Sack): Jun, 37
- Digital Voice: An Update and Forecast (Smith): Feb, 38; Feedback: Mar, 42
- Digital Voice: The Next New Mode? (Smith): Jan, 28; Feedback: Mar, 42
- Glossary of Solar Index Terms (sidebar to Understanding Solar Indices) (Poole): Sep, 40
- How Do I Sound? (sidebar to Digital Voice: The Next New Mode?) (Smith): Jan, 29
- How it Works (sidebar to The EQ5+ Microphone Equalizer) (Wheeler): Dec, 45
- I-Link, the .WAV of the Future (Millner): Mar, 38 Introduction to Winlink 2000 (Poor): Jun, 31
- K8SYL's 75 and 10-Meter Dipole (Hutchinson): Jul, 32
- Linux, Software Radio and the Radio Amateur (Marcus): Oct, 33
- Matching Network Capacitor Values (sidebar to A Horizontal Loop for 80 M DX) (Belrose): Aug, 33

- One Stealthy Delta (Ford): May, 47
- Practical High Performance HF Log Periodic Antennas (Jones): Sep, 31
- Put the "No Excuses" on 30 (sidebar to Build the "No Excuses" QRP Transceiver) (Metzger): Dec, 32
- Six Meters from Your Easy Chair (Stroud): Jan, 33
- Taming the Trap Dipole (Benson): Mar, 28
- Telescoping Shields—How do they Work? (sidebar to A Quality Sound Card Interface for ICOM Rigs) (Lewis): Mar, 35
- The "No Fibbin" RF Field Strength Meter (Noakes): Aug, 28; Feedback: Sep, 88
- The Brendan Trophies: Insights for the New Millennium (Tupis): Aug, 36
- The EQ5+ Microphone Equalizer (Wheeler): Dec, 39
- The EZ-Tuner, Part 1 (Garland): Apr, 40; Part 2: May, 28; Part 3: Jun, 33
- The Gamma Match—An Overview (Silver): Dec, 35
- The Journey to EME on 24 GHz, Part 1 (Ward/Malowanchuk): Oct, 28
- The Journey to EME on 24 GHz, Part 2 (Ward/Malowanchuk): Nov, 43
- The NOGSG DSP Radio Direction Finder (Wheeler): Nov. 28
- The N4GG Array (Kennedy): Jul, 35
- The Noise Bridge (sidebar to Taming the Trap Dipole) (Benson): Mar, 29
- The NVIS—A Low Antenna for Regional Communications (Pion): Jun, 28
- The Return of the Slide Rule Dial (Wood): Feb, 33
- The Slowly Swirling Sargasso Sea (sidebar to The Brendan Trophies: Insights for the New Millennium) (Tupis): Aug. 37
- The St Louis Switcher (Kastigar): May, 35
- The Very Small Array (Shuch): Sep, 28
- Try Copper for 2 Meters—The Cu Loop (Stroud): Dec, 46
- Understanding Solar Indices (Poole): Sep, 38
- VE4MA Bio (sidebar to The Journey to EME on 24 GHz, Part 1) (Malowanchuk): Oct, 32
- W5LUA Bio (sidebar to The Journey to EME on 24 GHz, Part 1) (Ward): Oct, 31
- W8ZR's Homebrewing Hints (sidebar to The EZ-Tuner, Part 3) (Garland): Jun, 36
- What about Phase Noise? (Sidebar to AMRAD Low Frequency Upconverter): Apr, 39
- What Propagation Mode Is That? (sidebar to Collecting Propagation Data on 10 Meters using BEACONet^31) (Pocock): Jun, 38

Technical Correspondence

Aluminum-Foil Antennas: The "Catfish" Yagi

(Williams): Jun, 69

Another Cheaper, Automatically "Safe" Charger (Karras): Dec, 72

Matching Electrically Small Antennas (Bingeman): Feb, 79

On "Selectivity and Hearing" (Tijsma): Feb, 81

Re: Get on 222 MHz with a Ten-Tec 1210

Transverter! (Bloom): Apr, 71

Re: Get on 222 MHz with a Ten-Tec 1210 Transverter! (reply) (Botts): Apr, 71

The ICOM-756PRO—A Cure for the Rumble (Brock-Fisher/Jarvis): Jun, 68; Feedback: Jul, 39

Test Your Filter Knowledge—Again!

(Knadle/Silver): Oct, 69; Feedback: Nov, 47

UNBVC—Ultra Narrow Band Voice

Communications (Weisman): Aug, 65

UNBVC Discussion (Karras): Oct, 69

UNBVC Discussion (Weisman): Oct, 69

Unexpected Long-Term Resistance Increases in Resistors (Karty): Apr, 70

Vocoder Revived (MacLean/Hirsch, Jr): Oct, 69; Feedback: Dec, 73

Feature/Workbench

A CW Generator and Audio Distribution System for Students (Rynone): Feb, 62; Feedback: Mar, 42

A Lightning Detector for the Shack (Radmore): Apr, 59

A Vintage Crossword (Silver): Jan, 62

Build the Badger (Heron): Sep, 49

Build Your Next Computer—A DIY Guide to Today's PC Technology (Kleinschmidt): Jan, 53

Construction Tips (sidebar to The Rotormapic) (Monroe): Nov, 64

Enhance Your PSK31 Warbling Experience (Skelton): Mar, 52

Features of the Badger (sidebar to Build the Badger) (Heron): Sep. 49

Filtering and Tuning (Silver/Knadle Jr): Feb, 65; Feedback: Oct, 69

Lightning Protection for the Amateur Radio Station, Part 1 (Block): Jun, 56; Part 2: Jul, 48; Part 3: Aug, 53

Never Test a Transistor with an Ohmmeter (McElroy): Jan, 63

Panel Layout with Microsoft PowerPoint (Sepulveda): Dec, 61

PIC Programmers (sidebar to The Rotormapic) (Monroe): Nov, 66

Resources (sidebar to Build Your Next Computer—A DIY Guide to Today's PC Technology (Kleinschmidt): Jan, 54

The Rotormapic (Monroe): Nov, 62

The Triple-Play Transmit-Receive Switch (D'Antuono): Oct, 60

Traffic/Emergency Communications Crossword (Silver): Mar, 56

What Can You Do with a Dip Meter? (Bradley): May, 65; Feedback: Jun, 69

Who Really Invented the Transistor (sidebar to Never Test a Transistor with an Ohmmeter) (McElroy): Jan, 64

Hints and Kinks

A Compression Capacitor for QRP Transmitters, (Smith): Feb, 67

A Computer Interference Cure, (Wheelock): Nov, 69

A DX-Beacon Clock, (Goshay): Apr, 63

A Homebrew PTT Hand Switch, (Kinney): Nov, 68

A Solder-Spool Holder, (Malara Jr): Mar, 57

A Source of Monel Wire, (McCarthy): Nov, 68

A Sticky Pad Keeps Equipment from Walking, (Inness-Brown): Dec, 64

About Hints and Kinks, (Schetgen): Feb, 69

Add Safety and Comfort for Tower Climbing, (Mollentine): Jan, 67

Add Safety and Comfort for Tower Climbing?, (Castellano): Feb, 69

An Antenna Thrust Backup, (Mollentine): Jan, 67

An Ashtray Speaker Mount, (Gruber): Nov, 69

An Inexpensive Coaxial Cable Source, (Kempter): Nov. 68

An LED VU-Meter, (Moller): Feb, 68

Circuitworks Tool for Circuit Repair, (Schetgen): Dec. 64

Coiling Wire or Rope without Kinks, (Melton): May, 70

Cure a Common HP Counter Problem, (McKenzie): Nov. 68

Cure IC-707/FL-53A Audio Hum, (Schmid): Mar, 57 CW is Alive and On the Move, (Allison): Dec, 63

Easy Custom Meter Faces at Home, (Jones): Oct, 63

Front-Panel Labels, (Yoshida): Jun, 62

Guy Wire Safety, (Malara, Jr): Jan, 69

Honey Saves Small Parts, (Gosnell): Dec, 63

Hum Cured, (Beene): Dec, 64

Improved Audio—At the Other End, (Spies): Jul, 53
Inexpensive Project Royes and Cell Phone Belt Clin

Inexpensive Project Boxes and Cell-Phone Belt Clip, (Yoshida): Jun, 62

Installing a Hy-Gain Tailtwister Rotator in Rohn 25, (Mollentine): Jan, 68

- Is Your TNC Driving You Crazy?, (Rexroad): Oct, 64
- Long Life for Permanent Push-Masts, (Mollentine): Jan. 67

Making an LED Audible, (Covington): Jul, 54 Measuring an Unknown AF Impedance—Think Again!, (Kaune/Stanley): Jan, 69

Modifying the Yaesu FT-1000/1000D for Digital Mode USB/LSB Operation, (McLellan): May, 71 More on "Goo Removers," (Yoshida): Feb, 68

More on an Antenna Thrust Backup, (Schetgen): Feb, 69

More on Determining Transistor and Diode Leads with an Ohmmeter, (Long): Feb, 68

More on the Astatic D-104, (Heidelman): Jun, 61 RadioShack HTX202 and HTX404 Rechargeable-Battery Replacement, (McDaniel): Feb, 68

Raise Your Push-Up Mast Safely, (Roessler): Jan, 67 Reducing Hiss in the LM-386, (Graves): Mar, 57 Rotating Pegboard Storage, (Malara Jr): Sep, 55

Rotator Gear Protection, (Mollentine): Jan, 68 Salvaging Parts from PC Boards, (Kimber): Nov, 69 Soldering-Iron Controller, (Houbre, Jr): Sep, 56

Stealthy Antenna Wire, (Riley): Jan, 68 Stealthy Ladderline, (Rolek): Jan, 68

Techniques for Weatherproofing Connectors, (Diefenbach): Aug, 56

Techniques for Weatherproofing Connectors, (Ringel/Denton): Aug, 57

TM-D700 (and Others) Mike Extension, (Thomson): Jul. 54

Use a Drip Loop to Keep Water Out, (Karras): Aug, 56

Use Kenwood TS-570 Optional Filters for PSK31, (Kaune): Apr, 64

Using Surplus Meters, (Mitchell): Oct, 63 Winter Antenna Hint, (Rahmel): Jan, 67

Ham Ads

Jan, 156; Feb, 154; Mar, 156; Apr, 132; May, 156;Jun, 140; Jul, 134; Aug, 140; Sep, 144; Oct, 142;Nov, 160; Dec, 154

Hamfest Calendar (Iannone)

Jan, 105; Feb, 105; Mar, 98; Apr, 88; May, 98; Jun, 86; Jul, 81; Aug, 82; Sep, 85; Oct, 87; Nov, 95; Dec, 92

Happenings (Lindquist)

A Win in Kinderhook: ARRL, PRB-1 Credited in Antenna Battle: Aug, 69

- Amateur Radio Poised to Gain Two New Bands!: Jul, 61
- AMSAT-NA Symposium Draws a Crowd: Jan, 82 Another All-Ham Crew Settles in Aboard the ISS: Sep, 65
- ARISS Contract Marks Marconi Anniversary: Mar, 69

ARISS Success Story Continues: Feb, 85

ARISS, Canadian Space Agency Agree to Cooperate: Jul, 62

ARRL Advises FCC to Just Say "No" to Commercial Users at 230-2400 MHz: Jan, 80

ARRL Announces "Big Project" Logo Winner (Chris Cieslak, KC9L): Apr, 75

ARRL Asks FCC to Drop RFID Rules Proposed for 425-435 MHz: Apr, 72

ARRL Asks FCC to Eliminate, "Refarm" Novice CW Bands: May, 79

ARRL Field & Educational Services Announces Changes: May, 81

ARRL Honors Its Own for Long Service: Feb, 86 ARRL Hosting Power-Line Interference Workshop: Aug, 70

ARRL Joins American Association of Radio Enthusiasts: Jul, 64

ARRL Legislative and Public Affairs Manager Steve Mansfield, N1MZA, Silent Key: Oct, 71

ARRL Premiers HF Ditital Communications Course: Jun, 73

ARRL President Notes September 11 Anniversary: Nov. 77

ARRL Responds to Implied 222-225 MHz Threat: Dec. 74

ARRL Section Managers "Class of 2002" Complete Workshop: Dec, 75

ARRL to FCC: Economics Should Not Guide Amateur Radio Spectrum Policy: Sep, 63

ARRL VEC Loses Key Team Member to Retirement (Wayne Irwin, W1KI): Sep, 65

ARRL VEC Welcomes Perry Green, WY10: Dec, 76 ARRL Welcomes New Staff Members (Chuck Skolaut, K0BOG; Howard Robins, W1HSR; Jerry Ellis, WS1K; Debra Johnson): Oct, 73

ARRL Welcomes Stu Cohen, N1SC, to Headquarters Staff: Nov, 80

ARRL, IARU Continue Push for Limits to 70-cm Spaceborne Radars: Dec, 74

ARRL, United Technologies Announce Emergency Communications Initiative: Aug, 67

Big Response to "Big Project" Campaign: Aug, 67 Comments Due February 12 in "Band Threat" Proceeding: Feb, 83

- Comments in SAVI Proceeding Bolster ARRL Position: Jun, 70
- Dayton Hamvention Picks Emergency Communications Theme: Jan, 82
- Dennis Motschenbacher, K7BV, Joins HQ Staff: Jun, 73
- Director, Vice Director Races Set in Four Divisions: Nov. 77
- E. Laird Cambell, W1HQ, Silent Key: Jul, 63
- FCC Gathers Comments on Amateur Radio-Related Petitions: Mar, 67
- Final Two Ham Antennas Installed Aboard Space Station: Nov, 80
- Florida Man Convicted of Deliberate Interference, Unlicensed Operation: Sep, 64
- Georgia to Host 2002 USA ARDF/Radio-Orienteering Championships: Jan, 83
- Ham-Sailor Completes the Big Round Trip: Feb, 84 Hiram Percy Maxim Award Presented in California: Dec, 76
- "Hollingsworth Era" of Amateur Enforcement Enters Fourth Year: Feb, 82
- Incumbent Virginia Section Manager Wins in High-Profile Election: Apr, 73
- ISS Crew Chief Adds Some Spice to JOTA: Jan, 84 ISS Gets Two New Amateur Radio Antennas: Apr, 73
- League Eyes Congressional Action on CC&Rs: Mar, 67
- Michael "Father Mike" Mullen, WB2GQW, Silent Key: Nov, 79
- Murphy G. "Murph" Ratterree, W4WMQ, Silent Key: Nov. 79
- NASA Extends All-Ham ISS Crew's Duty Tour: Jun, 72.
- NCVEC Endorses Testing-Via-Videoconferencing Trial: Oct, 73
- New Hampshire Supreme Court Antenna Decision Boosts PRB-1: Mar, 67
- New Mexico, West Virginia Adopt Antenna Legislation: May, 80
- New Section Managers Take Office July 1 in Four Sections: Jul, 64
- New Southeastern, Southwestern Division Vice Directors Elected: Jan, 79
- New York Ham Wins Antenna Lawsuit: Feb, 83 Nominees Sought for ARRL Board of Directors (Sumner): Jul, 65; Aug, 71
- Power Line Interference Workshop a Hit: Nov, 80 President Bush Addresses Florida ARES Net: Apr, 72

- Professional Media Award Nominations Open: Nov, 81
- Repeat Nominating Solicitation (White): Oct, 74; Nov. 82
- Rhode Island SM Armand Lambert, K1FLD, Silent Key: Mar, 70
- RLAN Spectrum Petition "Fatally Flawed," ARRL Says: Jun, 71
- Robert E. Baird, W9NN, Silent Key: Nov, 79
- Robert W. Denniston, W0DX/VP2VI, Silent Key: Jul, 63
- Section Manager Election Notice (White): Jan, 84; Feb, 87; Apr, 75; May, 82; Jul, 64; Aug, 70; Oct, 74; Nov, 82
- Section Manager Election Results: Jan, 81
- Shuttleworth Enjoys Busy Week in Space: Jul, 61
- Spark Gap Signal Heard for Hundreds of Miles: Mar, 70
- Statement of Riley Hollingsworth on Enforcement Anniversary: Feb, 82
- "The Big Project" Seeks Additional Pilot Schools: Jan, 78
- Three Section Managers Appointed to Fill Vacancies: Feb, 87
- United Parcel Service Shifts into Neutral on SAVI 70-cm Proposals: Oct, 71
- Vanity Processing May Be Back on Track: May, 81 Vice Director Gauzens Receives Prestigious Award: Jan, 79
- W3ZZ to Become New "World Above 50 MHz" Editor: Nov, 81
- Wisconsin Governor Signs Amateur Antenna Bill: Jun, 70

FCC News

- Broadcaster, Utility Asked to Help Cure Weird Interference: Mar, 68
- Copps Says FCC Has "A Larger Job" To Do: Jan, 80 FCC Affirms \$10,000 Fine in Amateur-Band Pirate Case (David Edwin Merrell): Apr, 74
- FCC audit continues into W5YI-VEC California test session: Nov, 78
- FCC Chairman Launches "FCC University": Nov, 78
- FCC Dismisses EMP Shielding Proposal: Aug, 68
- FCC Names Homeland Security Panel: Jan, 80
- FCC Nixes FRS Calling Channel Proposal: Apr, 74
- FCC Opens Proceedings to Mitigate Orbital Debris: Jun, 71
- FCC Opts for Status Quo at 2300 to 2305 MHz: Dec, 75
- FCC Proposes Vanity Fee Increase: Jun, 71
- FCC Redesigns Amateur Service Web Site: May, 80

FCC Still Singing the Postal Blues: Feb, 84 FCC Takes Tougher Stance Toward Offending

Utilities: Oct, 72

FCC to Allow Higher-Power Part 15 Devices at 24 GHz: Mar, 68

FCC Won't Require Date of Birth After All: Jul, 62 Former Ohio ham sentenced in police radio jamming case (Kenneth Kelly, ex-WT2FBI): Apr, 75

Good News, Bad News About Archived Licensing Records: Apr, 74

Higher Amateur Vanity Call Sign Fee Effective September 9: Sep, 64

Kenwood "Sky Command" Petition Put on Public Notice: Jan, 80

Petition for Reconsideration Follows FCC's Denial: Sep, 64

Reallocation Spares 219-220 MHz Amateur Slot: Mar, 68

FCC WRC-03 Advisory Panel Recommends Phased-In Worldwide 7-MHz Band: Sep, 63

FCC News: Amateur Enforcement

Amplifiers case highlights certification rules: Jan, 81 FCC completes Georgia ARRL VEC exam session audit: May, 80

FCC initiates inquiry into Tennessee ARRL-VEC exam session: Sep, 64

FCC says band plans do matter: Jan, 81

Enforcement Bureau supports granting Schoenbohm's return bid: Oct, 72

FCC bumps back privileges following exam session audit: Jul, 62

FCC chastises feuding 75-meter occupants: Feb, 85 FCC lets deliberate interference Warning Notice stand (Joseph Brue Jr, K3MN): Feb, 84

FCC modifies sanction in California repeater case: Apr, 75

FCC notification leads to shutdown of uncoordinated repeater (NY4X): Jun, 71

Florida man imprisioned, fined for deliberate interference: Nov, 78

Out-of-the-Ordinary Interference Case Resolved; FCC cites "enforcement issue" in short-tern license grant (Sam W. Jacobs, K3SAM): Aug, 68

Repeater? Remote base? FCC orders California system shut down: Dec, 75

Schoenbohm, Mitnick applications designated for hearings: Mar, 69

In Brief

FAR announces 2002 scholarships; Vote on *QST* Cover Plaque Award (October, Nick Powell,

NH6ON); Nominations sought for ARRL instructor, recruiter, educators awards: Jan, 83

Vote on *QST* Cover Plaque Award (November, Paul Shuch, N6TX); FCC only accepting newer Forn 159; G3AQC spans the Atlantic on 73 kHz; Amateur Radio Trader calls it quits: Feb, 87

Vote on *QST* Cover Plaque Award (December 2001 to Joe Taylor, K1JT); DARA announces 2002 scholarships; ARRL reminds FCC of "legacy" amateur microwave allocation: Mar, 70

W6DPD appointed San Joaquin Valley SM; Body of amateur lost in World Trade Center collapse located (Robert D. Cirri Sr, KA2OTD, Silent Key); Vote on *QST* Cover Plaque Award (Jan 2002, Dick Stroud, W9SR, "Six Meters from Your Easy Chair," Vote on *QST* Cover Plaque Award (Feb 2002, Brian Wood, W0DZ, "The Return of the Slide Rule Dial"); YHOTY nominations are open: May, 82

N9SH is Illinois' once and future Section Manager; K8OCL to chair ARRL's High-Speed Digital and Multimedia Working Group; ARRL represented at annual NVOAD conference: Jun, 73

2003 ARRL National Convention set for Texas;
Dayton Hamvention attendance dips again in
2002; Vote on *QST* Cover plaque Award (April
winner James C. Garland, W8ZR; May winner
Matt Kastigar, W0XEU; June winner Ron Block,
KB2UYT); ARRL offering satellite
communications course; ARRL Outgoing QSL
Service tops one million cards for 2002; Antarctic
ledge named after amateur (Larry Skilton,
K1IED); ARRL 2001 Annual Report is available:
Sep, 66

ARRL technical relations manager participtes in FCC workshop; New Sacramento Valley SM announced (Jettie Hill, W6RFF); Vote on *QST* Cover Plaque Award (July, Hal Kennedy, N4GG, August Declan Craig, EI6FR); The end of the line for Radio Amateur Callbook; W1HQ assigned to HQ Operators Club: Nov, 82

Vote on *QST* Cover Plaque Award—September to Ian Poole, G3YWX; Vintage 1AW QSL brings record price; Corporate award winner donates award scholarship to ARRL; New West Texas Section Manager named—John Dyer, AE5B; NASA names Whitson first ISS science officer; KB5HAV appointed assistant manager of Hurricane Watch Net: Dec, 77

How's DX? (McClenny, Jr)

A Micronesian Adventure—The Story of T88ZZ/V63RF (Buscaglia): Jul, 69

Afghanistan: Feb, 92 ARRL Web Site: May, 88 Ducie Island: Feb, 92

Ducie Island: The Birth of a New DXCC Entity and the ARRL DX Advisory Committee: Mar, 80

DX Cluster Network: Nov, 85

DX News from Around the Globe (3X—Guinea): Jan. 89

DX News From Around the Globe (3W—Vietnam; 7Q-Malawi; 9L-Sierra Leone): Feb, 93

DX News from Around the Globe: Apr, 86

DX News from Around the Globe (DU—Philippines; F—France; KH1—Howland Island; Northern Europe; P5—North Korea; TN—Congo): May, 88

DX News from Around the Globe: Jun, 80 DX News from Around the Globe (9M6—East

Malaysia; African Tour; Carribean DXpedition;

DU—Philippines; HK0—San Andres and Providencia; GJ—Jersey; HP—Panama; JT— Mongolia; LU—Argentina; RSGB International

HF and IOTA Convention 2002; South Pacific Tour; TK—Corsica; V6—Micronesia; W9DXCC;

WRTC; ZK1—Cook Islands; ZL7—Chatham Islands): Sep, 70

DX News From Around the Globe: Oct, 77

DX News from Around the Globe: Nov, 85

DXpeditions and Manners: Apr, 85 DXtravaganza II (McClenny, Jr): Jun, 80

First Time Activation of a DXCC Entity: Dec, 80

Ham-Com DXravaganza II: Sep, 70

Jawboning: Feb, 92

Low Band Frequencies: May, 88

More on the Pileups and Behavior: May, 87 New DXCC Entity—Ducie Island: Jan, 89

North Korea Now on the Air: Feb, 91

Out of the Band? (Richards): Oct, 77; Feedback: Dec, 73

PIARA Announcies Ducie Island DXpedition (Christian): Feb, 93

Safari DXpedition (McClenny, Jr): Jun, 79

Some Thoughts from the Other Side of the Pile-Up

(Sawyer): Jan, 88

Those Blank QSL Cards (Burger): Oct, 77

XW1HS Lao-Thai Friendship DXpedition April 10-19, 2002 (Muangamphun): Aug, 78

Index of Advertisers

Jan, 174; Feb, 174; Mar, 174; Apr, 158; May, 174;Jun, 158; Jul, 158; Aug, 158; Sep, 158; Oct, 158;Nov, 174; Dec, 174

It Seems to Us (Sumner)

2002: A Challenging, Exciting Year: Dec, 9

A Season To Remember: Apr, 9 Development for the Future: Feb, 9

Ever Upward: May, 9 Field Day 2002: Jun, 9 Forty Meter Update: Jan, 9

Off-the-Air Amateur Radio: Nov, 9

Progress on 40 Meters: Jul, 9

Radio Smog: Oct, 9

The Maxim Memorial Station, W1AW: Sep, 9 The Right Program at the Right Time: Aug, 9

What Belongs in *QST*?: Mar, 9

Microwavelengths (Williams)

Getting on the Microwave Bands: Sep, 80

Gunnplexers: Mar, 96

Low Power, Great Signals: Nov, 90

Microwave Antennas: Jul, 76

Microwave Organizations (sidebar to

Microwavelengths: Getting on the Microwave

Bands): Sep, 81

The Transverter (Williams): May, 93

Welcome to the first "Microwavelengths" column:

Jan, 94

Old Radio (Dilks)

A 1927 TGTP Transmitter: Jan, 96

August Hamfest: Aug, 77

Comment from January 1949 QST (sidebar to Old

Radio: The Black Box): Nov, 94 Displaying Your Collections: Mar, 88 "The Flight of the Century": Jun, 85

Ham TV in 1930: Oct, 82 Hamfest Season: Mar, 89

It's a Heathkit Time of the Year: Dec, 85

Learning the Code: Feb, 100

The 1937 Haynes RSR Clipper: Aug, 77

The Black Box: Nov, 94

The First "YL" (Marion Adaire Garmhausen, 3BCK):

Sep, 76

The Harvey-Wells Bandmaster: Jul, 78

The National NC-81X: Apr, 90

Tube Lore: Ludwell Sibley, KB2EVN: May, 92

Tube Lore: The Famous 813: May, 92

Tube Lore: Tube Collectors Association: May, 92

Op-Ed

A Solution to HF Digital Chaos? (Teller): Sep, 53 Defeating Covenants Requires Positive Strategy (Alderman): Mar, 94

In Search of Amateur Innovation (Lapin): Nov, 101 The Day *QST* Lost Some Magic (Samuelson): Dec, 89

Operating (Henderson)

- 2001 ARRL 10 GHz and Up Cumulative Contest Results: Mar, 115
- 2001 ARRL August UHF Contest Results: Feb, 1112001 ARRL International EME Competition Results: May, 106
- 2001 ARRL June VHF QSO Party Results: Jan, 109 2001 ARRL November Phone Sweepstakes Results (Taylor): Jul, 91
- 2001 IARU HF World Championship Results: Mar, 104
- 2001 Simulated Emergency Test Results (Ewald): Jul, 87; Oct, 76
- 2002 ARRL 10 GHz and Up Cumulative Contest Rules: Jul, 96
- 2002 ARRL 10-Meter Contest Announcement: Nov, 114
- 2002 ARRL 160-Meter Contest Announcement: Nov, 114
- 2002 ARRL International DX Contest Phone Results (Silver): Nov, 106
- 2002 ARRL International DX CW Contest Results (Robbins): Oct, 92
- 2002 ARRL International EME Competition Rules (Ewald): Sep, 104
- 2002 ARRL International EME Competition Rules: Sep. 103
- 2002 ARRL June VHF QSO Party Rules: May, 110
- 2002 ARRL November Sweepstakes Rules: Oct, 100
- 2002 ARRL RTTY Roundup Results (Townsend): Sep, 90
- 2002 ARRL September VHF QSO Party Rules: Aug, 94
- 2002 IARU HF World Championship Rules: Apr, 96 2002 January VHF Sweepstakes Results (Hoffman): Aug, 90
- 2002 January VHF Sweepstakes Results (Ach): Aug, 90
- 2003 ARRL International DX Contest Announcement: Dec, 95
- 2003 ARRL RTTY Roundup Announcement: Dec, 94
- ARRL Field Day 2002 Rules: May, 108

- ARRL January VHF Sweepstakes Announcement: Dec, 95
- ARRL Straight Key Night 2003 Announcement: Dec, 94
- Be Ready to Respond (sidebar to Test Emergency Skills in SET) (Dorn): Sep, 104
- Changes to the 2002-2003 ARRL General Contest Rules: Nov, 105
- Expanded 2002 International DX CW Contest Results Available on ARRLWeb (sidebar to 2002 ARRL International DX CW Contest Results): Oct, 92
- Expanded ARRL Contest Results Now On-Line (sidebar to Results, 2001 ARRL November CW Sweepstakes): Jun, 94
- GOTA: The Get On The Air Station (sidebar to ARRL Field Day 2002 Rules): May, 109
- IARU Region 2 Invited to Participate Fully in Field Day 2002 (sidebar to ARRL Field Day 2002 Rules): May, 109
- Jamboree on the Air 2002 (Wolfgang): Sep, 100 Kid's Day Rules (Wolfgang): Dec, 96
- Results, 2001 ARRL 10-Meter Contest: Sep, 93
- Results, 2001 ARRL November CW Sweepstakes (Thompson): Jun, 92
- RTTY Roundup Plaque Program (sidebar to 2002 ARRL RTTY Roundup Results) (Townsend): Sep, 91
- School Club Roundup 2002 (Malchick): Sep, 101 September 2001 VHF QSO Party Results: Mar, 110 Straight Key Night 2002: Apr, 95
- The 15th Annual School Club Roundup: 2002 (Wolfgang): Jan, 115
- The 2001 ARRL 160 Meter Contest Results (Roberts): Aug, 95
- The Best Kid's Day Ever! (Wolfgang): Dec, 96
- The New Look of ARRL Contest Results: Nov, 104
- Welcome to the ARRL Field Day Online Soapbox (sidebar to Welcome to the Field Day Zone—ARRL Field Day 2002): Dec, 97
- Welcome to the Field Day Zone—ARRL Field Day 2002: Dec, 97
- Worldwide Scout Frequencies (sidebar to Jamboree on the Air 2002) (Wolfgang): Sep, 100

Organizational

- 2001 ARRL International Humanitarian Award Winner (Jim Hirschman, K4TCV) (Wolfgang): Jun, 46
- 2001 Award Winners (Ford/Wolfgang): Oct, 45 Amateurs Visit Cocaeli Club—TA2KI—Izmit, Turkey (sidebar to World Telecommunication

- Development Conference 2002 and Amateur Radio) (Price): Jun, 49
- ARRL 2002 Technical Awards Call for Nominations (sidebar to 2001 Award Winners) (Wolfgang): Oct, 47
- ARRL Humanitarian Award (Dr Jim C. Hirschman, K4TCV) (sidebar to The 2002 Annual Meeting of the Board of Directors) (Patton): Mar, 60
- ARRL Presents...The Diamond Club (Hobart): Nov, 48
- Awards Conveyed (sidebar to The 2002 Second Meeting of the Board of Directors) (Patton): Sep, 42
- Board-Approved Novice Spectrum Proposal (sidebar to The 2002 Annual Meeting of the Board of Directors) (Patton): Mar, 61
- Circulation Statement, Statement of Ownership, Management, and Circulation: Nov, 164
- FCC Commmissioner Martin Addresses WTDC-02 (sidebar to World Telecommunication Development Conference 2002 and Amateur Radio) (Price): Jun, 48
- Great Lakes Division Leadership Changes (sidebar to The 2002 Second Meeting of the Board of Directors) (Patton): Sep, 43
- Moved & Seconded: 2002 Annual Meeting of the ARRL Board of Directors, January 18-19, 2002 (Sumner): Mar, 63

Season's Greetings: Dec, 62

- Section News: Hot Off the Press and Close to Home (Ford/Ewald): Jun, 51
- Summary of Major Board Actions (sidebar to The 2002 Annual Meeting of the Board of Directors) (Patton): Mar, 60
- Summary of Major Board Actions (sidebar to The 2002 Second Meeting of the Board of Directors) (Patton): Sep, 42
- The 2001 Bill Leonard, W2SKE, Professional Media Award (Michaelangelo Conte) (sidebar to The 2002 Annual Meeting of the Board of Directors) (Patton): Mar, 61
- The 2002 Annual Meeting of the Board of Directors (Patton): Mar, 59
- The 2002 Second Meeting of the Board of Directors (Patton): Sep, 41
- The ARRL Frequency Measuring Tests (Silver): Oct, 51
- What the Heck is Zero-Beat? (sidebar to The ARRL Frequency Measuring Tests) (Silver): Oct, 53
- World Telecommunication Development Conference 2002 and Amateur Radio (Price/Siverling): Jun, 47

Our Cover

"Micro-Lite" visit to South Sandwich and South Georgia Islands (Grolleman): Aug, 5

6-meter season: Apr, 5

Cross-county bike tip; fishing adventure; expedition to a remote Maryland island (Smith Island); easy-to-build 20-m antenna: Feb, 5

Field Day Fun: Jun, 5

Hams congregate at Oshkosh—the "Dayton" of private aviation: Nov, 5

Log Periodic Antennas (Jones): Sep, 5

Montana's Big Sky (Shive): Jul, 5

The W8ZR EZ-Tuner: May, 5

USA Direction Finding Championships (Dave D'Epagnier, K0QE): Mar, 5

Vintage Radio (Dilks/Klase): Jan, 5

World Radiosport Team Championship: Oct, 5

Product Review

ACOM 1000 HF + 6-Meter Linear Amplifier (Wilson): Nov, 70

Alinco DJ-296T 222 MHz VHF FM Transceiver (Henderson): Nov. 72

Alinco DJ-596T Bual-Band FM/Digital Hand-Held Transceiver (Horzepa): Jun, 63

Alinco DJ-X2000 Wide Range Scanning Receiver (Price): Apr, 65

Force 12 Sigma-5 Five-Band Vertical Dipole Antenna (Bottiglieri): Oct, 67

ICOM IC-746PRO HF/VHF Transceiver: May, 72 ICOM IC-756PROII HF/6-Meter Transceiver: Feb, 70

ICOM IC-V8000 VHF FM Transceiver (Ford): Jul, 55

ICOM PS-125 Power Supply (Ford): Sep, 62 Kenwood UT-20 1.2 GHz Module for the TS-2000

(Williams): Sep, 57

Low-Pass Filter Roundup: Gold Line 1089; Gold Line 1089S; Vectronics LP-30; Vectronics LP-2500; Nye-Viking 020-001; Kenwood LF-30A; MFJ-704; Bencher YA-1 (Ford): Aug, 62

M² 23CM22EZA 1.2 GHz Antenna (Jansson): Sep, 59

Maha MH-C777 and MH-C777PLUS Battery Chargers (Stuart): Mar, 75

MFJ-1275 Sound Card Radio Interface (Ford): Jun, 67

MFJ-890 DX Beacon Monitor (Price): Dec, 70 Palstar R30 Shortwave Receiver (Price): Nov, 74 *QST* Compares HF/VHF Wattmeters (Diamond SX-200; Diamond SX-20C; Palstar WM150; Daiwa

CN-101L; Daiwa CN-410M; Vectronics PM-30; MFJ Enterprises MFJ-860) (Ford): Jul, 57

RadioShack HTX-420 Dual-Band Handheld Transceiver (Henderson): Dec, 68

Ranger Communications RCI-5054DX 6-Meter Transceiver (Bottiglieri): Mar, 71

Solicitation for Product Review Equipment Bids: Ameritron ALS-600; AOR TDF-370; ICOM IC-V8; Ranger Communications RCI-2970DX; Ten-Tec Model 416 Titan II; Ten-Tec Model 526 6N2; W2IHY Technologies 8-band audio equalizer; Yaesu FT-7100M): Jan, 77

WiNRADiO WR-1550i Computer-Based Communications Receiver (Arland): Jan, 70

Yaesu FT-1000MP Mark-V Field HF Transceiver: Aug, 59

Yaesu FT-8900R Quad Band FM Transceiver (Carcia): Dec, 65

Yaesu FTV-1000 6-Meter Transverter (Patton): Feb,

Yaesu VL-1000 Quadra Linear Amplifier (Wilson):

Yaesu VX-7R Handheld Transceiver (Price): Oct, 65

Product Review: Going Once, Going Twice, Solicitation for Product Review Equipment Bids ICOM IC-756PROII; ICOM IC-R3; Kantronics KAM XL; Kenwood TH-F6A; WiNRADiO WR-

1550i; Yaesu FTV-1000; Yaesu MARK-V FT-1000MP; Yaesu VL-1000; Yaesu VR-5000): Apr,

Alinco DJ-X2000; ICOM IC-V8000; Yaesu FT-7100M; ICOM PS-125; Kenwood TS-2000 with UT-20; Palstar R30; Yaesu VX-7R; Alinco DJ-296T; ICOM IC-746PRO; ACOM 1000; Ranger RCI-2970DX: Nov, 76

Public Service (Ewald)

50th Anniversary of RACES: Sep, 68 A New Season for Public Service Honor Roll: Apr,

77

A Thanksgiving to Remember (Hathaway): Mar, 77 Additions to 2001 SET Results: Oct, 76

Amateur Radio and the Hayman Fire (Ryan): Dec, 78 Amateur Radio at the National Hurricane

Conference: Jun, 77

Amateur Radio on Scene in Maryland: Jul, 68 Amateur Radio Operations during Hurricane Michelle (sidebar to CARMEN) (Ripoll): Jan, 87

ARES/RACES and Wildland Communications (Hall): Sep, 67

ARES/RACES Respond to New Mexico Fires (Sohl): Jun. 77

BPL Qualification Clarification: Mar, 78

CARMEN (McHugh): Jan, 85

Communications Academy 2002: Mar, 78

Coordination by Council: Sharing Ideas to Strengthen Emergency Response (Jeffers): Aug, 72

EMCOMM 2002: Apr, 77

EMCOMM 2002 a Success (Boyd): Jul, 67

Field Organization Reports for: October 2001: Jan, 87; November 2001: Feb, 90; December 2001: Mar, 79; January 2002: Apr, 78; February 2002: May, 85; March 2002: Jun, 78; April 2002: Jul, 68; May 2002: Aug 73; June 2002: Sep, 69; July

2002: Oct, 76; August 2002: Nov 84; September 2002: Dec, 79;

Hams Support Relief Efforts in New York City Airline Crash: Feb, 89

Hardrock 100 Mountain Run (Hine): May, 83 National Weather Assocation's Walter J. Bennett Public Service Award winners: Bill Read, KB5FYA; Jim Robinson, K5PNV; Mike Fleifel; Robert Timmons, KD5HCR: Mar, 79

NTS Messages and Field Day: Jun, 78 NYSPTEN's 50th Anniversary: May, 85 Of Hounds and Hams (Ratchford): Oct, 75 Public Service Honor Roll Criteria: May, 85

SCCA Pro-Rally—Northwest Style (Chambers): Jul, 66

The Walk for Hunger Boston (DeMattia): May, 84 Xtreme! In More Ways Than One (Niemuth): Feb, 88

ORP Power (Arland)

Any Day You're Vertical is a Good Day!: Jul, 74

Atlanticon 2002: Aug, 80

Camaraderie in North Georgia: May, 96

Lust at First Sight: Jun, 84; Feedback: Aug, 58

My Mistress, the FT-817: Nov, 92

NCJ: May, 96

New Multiband HF Antenna: Sep, 82

Photo: NJ QRP Club PSK Warbler/Bird House (Kevin McCauley, KB3EJM): Oct, 81

Potpourri: Passive CW Filters; QRP Awards—QRP DXCC/QRPp 300 Award; QRP Contest Program:

May, 95; Feedback: Aug, 58

Prolog (Thoughts): Mar, 83

PSK31: HF Fun and Excitement!: Feb, 103

ORP Philosophy: Oct, 81

QRP Power Vintage QRP: Apr, 84

Testing, Testing...: Dec, 88

The Elecraft K1 Transceiver Kit: Jan, 100

Tropical Storm Barry Proves "Minimalist Radio" Works in Emergencies, Too: Mar, 82

Radios To Go (Burch)

An RFI Odyssey: May, 86 And So It Goes...: May, 86 Bolts To Go: May, 86

Keeping Your Distance (Frank): May, 86

Mobile Installation: May, 86

Prepared. A state of readiness: Jan, 98

TSB or not TSB: May, 86

Section News

Jan, 117; Feb, 113; Mar, 117; Apr, 97; May, 111;Jun, 97; Jul, 97; Aug, 103; Sep, 105; Oct, 101;Nov, 115; Dec, 107

Short Takes (Ford)

ACE-HF: Nov, 67

Electric Radio Antenna Tuning Meter: Apr, 58

Gowin: Sep, 52

Honda EU2000i Generator (Perrin): Nov, 61 KAM XL Multimode Communications Processor:

Mar, 55

NuMorse Professional version 1.20: Sep, 54

The RIGrunner: Oct, 59

Timewave Technology PK-232/PSK Upgrade

(Mayfield): May, 64

Two from IZ8BLY: Stream and VOX Recorder: Jan,

65

UI-View: Feb, 66

WIRES: The New Vertex Standard Repeater

Interlink (West): Jun, 55

Silent Keys

Jan, 103; Feb, 107; Mar, 100; Apr, 91; May, 102;Jun, 88; Jul, 83; Aug, 85; Sep, 83; Oct, 83; Nov, 99; Dec, 90

Special Events

Jan, 108; Feb, 110; Mar, 103; Apr, 94; May, 105;Jun, 91; Jul, 86; Aug, 88; Sep, 87; Oct, 91; Nov, 103; Dec, 92

The Doctor is IN

2002 QST Index

Jan, 51; Feb, 60; Mar, 50; Apr, 56; May, 62; Jun, 53; Jul, 46 *Feedback: Sep*, 88; Aug, 51; Sep, 47; Oct, 57; Nov, 59; Dec, 59

Help Desk (Column)

ARRL Incoming DX QSL Bureau Addresses (sidebar to The ARRL Incoming QSL Bureau System):
Mar. 58

The ARRL Incoming QSL Bureau System: Mar, 58

The ARRL Outgoing QSL Service: Apr, 62

The Considerate Operator's Frequency Guide: Jan, 66

US Amateur Bands: Jun, 60

The World Above 50 MHz (Pocock)

135 cm—The Neglected Band: Aug, 74; Feedback: Oct, 80

144-MHz Standings: Jun, 82 222-MHz Standings: Aug, 76 432-MHz Standings: Sep, 75

50-MHz Standings (Zimmerman): Dec, 84 6-Meter Black Holes Fill In: Mar, 84

A Day in the Life of 6 Meters: Feb, 94

Cycle 23 Resurges: Jan, 90 EME Annual Standings: Mar, 87

Entering a Golden Age of VHF (Zimmerman): Dec, 82

Fall Prospects: Oct, 79

Four Microwave Records in 2001: Apr, 81

Here and There (September VHF Contest; New 24 GHz North American Record) (Zimmerman): Dec, 84

JT44: New Digital Mode for Weak Signals (Taylor): Jun. 81

Microwave News: Initials at 241 and 322; 47-GHz

Record in England: Mar, 87 Microwave Standings: Jan, 92 Record Keeping: Jul, 72

The Future of the World Above 50 MHz: Nov, 87

The Problem with DX Records: May, 89

What is a Contact?: Sep, 73

Notes from All Over

New Beacons; Grid Chase on the Web: Jan, 93 New North American 47-GHz Distance; World 75-GHz Record: Feb, 97

Pacific Northwest VHF Conference; First W/K 6-meter WAJA Award?; SWOT Bulletin: Aug, 76 Weekend Moon Data: Mar, 87

On the Bands

Aurora; Tropo; Six Meters; Microwave Perseverance (Zimmerman): Dec, 83 Leonids Storm; Aurora: Feb, 96

Page 14

Six Meter DX; K6LMN Escapes from a Black Hole; KG0VL Revels in the Subarctic; Everything Else: Apr, 81

Six Meters from the US; Six Meters from Europe and Elsewhere; 144 MHz Sporadic E; Auroral and Auroral E; Meteor Scatter; Tropospheric Ducting into the Microwave Region: Nov, 88

Six Meters; 144 MHz and Higher; Activity Nights: Aug, 75

Six Meters; 432-MHz Meteor Scatter: Mar, 85; Feedback: Apr, 83

Six Meters; Expedition Results: Oct, 80

Six Meters; Six-Meter DX; Two Meter Sporadic E; Microwaves: Sep. 74

Six-Meter DX; Aurora; More 24-GHz EME Tests: Jan, 90

Six-Meter DX; JT44 Digital Activity; 24 GHz EME; CQ World Wide VHF Contest: Jul, 73

Six-Meter DX; Microwaves: May, 90; Feedback: Aug, 76

Six-Meter DX; WSJT Activity; Microwaves: Jun, 82; Feedback: Aug, 76

VHF/UHF/Microwave News

Central States VHF Society Call for Papers; Welcome back, *CQ VHF*; Italian EME Contest; Transatlantic 2-Meter Beacon: May, 91

Leonids Meter Storm: Nov, 89

European Worldwide EME Contest; East Tennessee DX Association VHF/UHF Sprints; Southeastern VHF Society Conference: Apr, 83

New Microwave Column; Winter Contest: Jan, 93

SETI Technical Symposium: Mar, 87

SMIRK 6-Meter Contest; 1296-MHz EME Beacon; International EME Conference: Jun, 83

VHF/UHF Century Club Awards

Feb, 97; Apr, 46; Jun, 83; Aug, 76; Oct, 78; Dec, 56

W1AW Schedule

Jan, 104; Feb, 108; Mar, 101; Apr, 92; May, 103;Jun, 89; Jul, 84; Aug, 86; Sep, 84; Oct, 84; Nov, 100; Dec, 91

Washington Mailbox

A Tale of Two Preemption Policies (Price): Mar, 90

Test Your Knowledge!

Tests Test (Silver): May, 69

YL News (Ortiz)

2002 YLRL Convention: Apr, 79 Hey, YLs—Look at This!: Oct, 85

Indiana YL Brings Ham Radio to her Eighth Grade Classroom (Amanda Rudicel, W9JOY): Feb. 102

The 33 Award: Feb, 102 What is the YLRL?: Apr, 80

YL Contests: Oct, 85 YL DX peditions: Oct, 85

YLs in YK (Luetzelschwab): Jul, 71

Correspondence

10 Times Better! (Rosson): Apr, 24

60 Years and Counting (Pittman): Nov, 24

67 Years and Counting (McIntyre): Oct, 25

A Case for 5-2 (Shaw): Jul, 24

A Time to Reconnect (Cain): Oct, 25

Accessible Gear (Rothermel): Jul, 25

Alive and Well (Dell): Jul, 25

Americanism at Work (Elder): Jun, 24

Antenna Restrictions (Loflin): Dec, 24

ARES Needs Help (Piper): Mar, 24; Feedback: May 2002, 78

Bandwidth Conflict to Come? (Martinez): Jun, 24

Best 73s (Witkowski): Aug, 25

Bravo to the Micro-Lite Group (Tinker): Nov, 24

CC&Rs: Your Results May Vary (Ringer): Apr, 25

Closure (Califf, Sr): Aug, 24

Cops (Hunt): Jun, 24

CORES Made Easy (Harding & Tavan): Jan, 24

Covenants—Fait Accompli (Cohen): Jun. 24

Crustacean Airs His Views (Raney): Sep, 25

CW = Fun (Seyboldt): Nov, 25

CW Ops Enjoy Ham Radio (Hall): Apr, 24

CW—Digital Protocol (Beeman): Apr, 25

Do We Need CW? (Nash & Hicks): Feb, 25

Doing Our Part (Yahn): Jun, 25

Easing the Learning Process (Hoitt): Jul, 24

Engraving Gear (Shryne): Apr, 24

Everyone Should Help Advertise (Levin): Oct, 24

Excellent Work (Huff): Feb, 24

Eye Bank Net (Lehman): Dec, 90

FCC Site Works! (Geisel & Novy): Mar, 25

Field Day Proposal (Hamel): Apr, 25

Finding Meteors (Northcott): Aug, 25

First Field Day (Hart): Oct, 25

Further on Winlink 2000 (Waterman): Nov, 24

Furthering the Radio Art (Funderburk): Mar, 24

GOTA Sataions Work! (Botkin): Sep, 24

Hang in There, Steve (Applegate & Bleue & Field & Poskus): Jan, 24

Happy Anniversary, OMIK (Kelly): Dec, 24 Have We Lost "The Basics"? (Brown): May, 24 He's Back (Doenges): Dec, 24 HF E-Mail Alternative (Huenemann): Aug, 25 How About Software for Macs, Linus? (Neimers): Oct, 24 I'm Guilty (Danzer): Dec, 24 It Pays to be an ARRL Member (Grider): Jun, 25 It's What's Inside that Counts (Lott): Feb, 25 Keep CW Alive! (McAleer): Nov, 25 Keep Learning (Home): Nov, 24 Keep the Code (Bertram): Jan, 24 Kudos (Masson): Mar, 25 Kudos to the Fire Fighters (Piper): Nov, 25 Learn About DX Via the Web (Moore, Sr): Sep, 25 Let Our Good Works Be Known (Lippitt): Sep, 24 Let's Go Back to the Fun (West): Feb, 24 Let's Have More Brute-Force Pileups (Scheinberg): Nov, 24 Lifetime of Learning (Kuwahara): Jul, 25 Lightning Detector Passes Muster (Minchen): Oct, 25 Messed Up (Gordon & Leclere): Jan, 25 More on the NVIS (Picard): Dec, 25 Moxon Rectangle—Keep it Quiet (Jibouleau): Oct, New Code Tests: Bravo! (Hilyerd): Jan, 25 Older is Better (Kolinsky): May, 24 On Loops (Williams): Sep, 24 Poor Image (Brown): Feb, 24 Progress? (Hannon): May, 25 Progress? (Jones Jr): May, 25 QPR DXCC (Richardson): Sep, 25 Radio Row Renaissance (Westgard): Mar, 25 Radio Smog (Lewis): Dec, 25 Resolving RFI (Deluca): Oct, 24 Right to Bar Antennas? (Abbott) (reply Cohen): Aug, Shame! (Thunman): Mar, 24 Software Radio (Bross & Erbaugh & Leggett): Dec, Special Events Woes (Anderson): Mar, 25 Tears of Joy and Pride (Cote & Pittman): Jan, 24 Temporal Mechanics? (Taylor): Mar, 25 Terminally Shy? (Rippey): Feb, 24 Thanks (Battle & Troyer): Sep, 25 Thanks! (Lett & Little): Jun, 24 The Dark Side of the Moon (Wingstedt): Dec, 25 The Heartbreak of RFI (Deluca & Dujenski): Aug, 24 The NVIS Antenna (Craske & Erdman): Oct, 24 Those Dirty Deeds (Maynard): Jul, 24 Time to Upsize (Gruteke): Feb, 24 TNX L1AR (Bird & Rossmiller): May, 25

To Code or Not to Code (Hamlin & Hiller): May, 24 TR-22 Memories (Bedore): Mar, 24 Virtual Larger Rigs (Wilson): Apr, 24 Warm Reception (Kamman): Apr, 24 What is a Contact? (Brenner): Nov, 24 ZZ is Tops (Vandermay): Feb, 24

New Books

Independent Energy Guide—Electrical Power for Home, Boat & RV (Kevin Jeffrey): Nov, 76 Kentucky Farmer Invents Wireless Telephone! But was it Radio? Facts and Folklore about Nathan Stubblefield (Bob Lochte): Feb, 51 Power Supply Cookbook (Marty Brown): May, 52 The Hannibal Files (Bryan A. Bisley, VE7FH): Jan, 47

Wireless: From Marconi's Black-Box to the Audion (Sungook Hong): Sep, 37

New Products

2002 Catalog from Antique Electronic Supply: Jan, 114

30-MHz Locking Programmable Oscillator from Novatech (LPO30): Nov, 96

A Tiny QRP Keyer Paddle from MFJ (Model 561): Jun, 88

A Window-Mount "Apartment Antenna" from MFJ (Model 1622): Nov, 93

Alinco's DJ-596 Dual-Band Hand-held Supports Digital Voice Communication: Feb, 107

Atomic Clocks from MFJ (121, 122, 124, 130RC): May, 110

Cellmate EX Antenna Analyzer: Nov, 96

Compact 30-A Switching Power Supply from DAIWA (SS-330W): May, 46

Compact Zerobeat Indicator Kit from Jackson Harbor Press (Son of Zerobeat): Sep, 83

Custom Radio Covers: Mar, 49

Deluxe Cleartone Communications Speaker from MFJ (Model 385): Sep, 46

Digital-Mode Sound Card Interface from MFJ (MFJ-1275): May, 78

Ditital-Mode Sound Card Software from MFJ (RadioCom 4): Jun, 54

Elecraft EC1 and EC2 Custom Project Enclosures: Jan, 114

Emergency/Net Logging Software from N3FJP: Nov, 96

Ethernet Opto Input Module from J-Works (JNT-36XX): Feb, 64

- Extech's True RMS Autoranging Multimeter (Model 22-816): Nov, 103
- Field Service Tool Kit from Xuron (TK2100): May, 34
- "Final Mile" Self-Supporting Tower Series from Rohn: Oct, 62
- Finger Tip Tapper Iambic Key: Apr, 55
- Flexible, Miniature Triaxial Video Cable from Nemal (model 1839): Feb, 107
- Fluidmotion Introduces SteppiR Adjustable Vertical: Sep, 43
- Fluidmotion SteppIR Remotely Adjustable Antennas: Jan, 116
- Four-Band Module for the Elecraft K1 Transceivers (KFL1-4): Jan, 77
- General-Purpose, Two-Channel Amplifier/Attenuator from TDL Technology (Model 439): Nov, 93
- Ham Radio Wristwatches from MFJ (Models 182, 184): Jul, 39
- HAMCALC Version 58 (Murphy): Jul, 39
- HamCall DX Spots: Nov, 96
- Handmade Keyer Paddles from I2RTF (Begali): Oct, 54
- Handy Mini Compressor from Campbell Hausfeld (model FP2003): Sep, 43
- High-Performance Microphone Preamp from TDL Technologies (401): May, 68
- High-Performance Microphone Preamp from TDL Technologies (Model 401): Jun, 39
- High-Voltage Can Capacitors from CE Manufacturing (twist-lock): Nov, 93
- Improved LC Meter from Antennex (LC Meter IIB): Jan, 114
- Indoor 2.4-GHz Antenna from Antennex: Feb, 32
- Internet-Based Ham Radio Instruction: Nov, 38
- K1BV's DX Awards Directory—Printed or Online (Melinosky): Feb, 32
- Klingenfuss Frequency Guides for 2002: Apr, 46 Lightweight Vertical Antenna from MDJ (Model 1795): Aug, 39
- Lineman Telephone Line Simulator from Digital Products Company (LM-001F): Aug, 35
- Log Windows to Support ARRL's "Logbook of the World" System: Jun, 88
- Log-Periodic Dual-Band Antenna from Elk Antennas: Dec, 34
- Long-Lasting Contact Cleaner from CAIG Labs (DeoxIT): May, 34
- Low-Resistance Trench Power MOSFETs from IXYS (IXUC100N055; IXUC200N055; IXUC160N075): May, 59
- LPT-2250 Spectrum Analyzer: Mar, 89

- Maha MH-C777PLUS-II Digital Battery Charger, Analyzer and Conditioner: Aug, 35
- MFJ's "DX Beacon" Real-Time Propagation Monitor (Model 890): Nov, 38
- MFJ's New Boom Mike (288 Neckset): Jul, 39
- MFJ's Pocket-Size Code Reader Needs No Cables (Model 461): Apr, 43
- Midland's F-10 FRS Mini Radio: Feb, 64
- Midland's F-12 FRS Mini Hand-Held: Jan, 61
- "Mini Bugcatcher" Mobile Whip from MFJ (model 1624): Sep, 83
- Miniature Switching Power Supply for FT-817 and Other QRP Rigs (4103): May, 68
- Miniature Trimmer Capacitors from Voltronics (A4series): Sep, 46
- Minuteman 20 Portable HF Antenna: Sep, 40
- Motron IRX-1 Infrared Relay Remote Control: Aug, 35
- Multiband Antennas for the FT-817 (Walkabout 1899T): May, 59
- NCS Offers Accessory Switcher, Patch Panel (models 3240 and 3400): Sep, 75
- New 50-ohm Coax from Cable X-perts (CXP1318FX): Oct, 39
- New Am-Com Automatic Screwdriver Antenna Controller: Mar, 49
- New IIX Equipment Catalog (Y-17 Millennium Catalog): May, 104
- New PKTerm Supports PSK31 and Timewave PK-232 (PKTerm '99 v1.5): Jan, 114
- Newnes Dictionary of Electronics: Jul, 39
- North American QSO Party Logging Software from N3FJP: Nov. 105
- NuTest Exam Software for Windows: Nov, 102
- On Air Illumination Sign: Mar, 103
- OptiBeam Antennas Introduces the OB6-3M: Aug, 29
- PathFINDER Digital Automatic Antenna Tuner: Apr, 61
- Plasma Discharge Lightning Arrestor from Nemal (NE9960 series): Nov, 66
- PM Components to Distribute Svetlana Vacuum Tubes: May, 59
- Pocket-Size Travel Keyers from MFJ (Model 403): Jun, 39
- Portable Ground-Coupled Antenna Mount from MFJ (Model 1904): Oct, 35
- Power Port "Radio Glove" for Yaesu's VX-7R Hand-Held Tribander: Oct, 62
- Professional Audio Tools from NTI (Digilyzer DL1; MiniSPL; RT-2M Multi-Tone Broadcast Line Analyzer): Apr, 91

PSK31 Kit Radios for 30 and 40 Meters from Small Wonder Labs (PSK-30; PSK-40): Feb, 107

QFile by Radiowarehouse: Dec, 34

Repeater Controller for GE MVP Mobiles and Base Station Radios (NHRC-4/MVP): May, 101

RIGrunner DC Power Panel: May, 38

Rubidium Frequency Standard (Model 2955 AR): Nov, 105

Scan-A-Mix BX1 Audio Combiner from B&D: Dec, 48

SiteSage 4.0 Free to Ham Clubs: Nov, 103

SOF8 Signal Generator Control Software from Novatech: Feb, 101

Stabilant 22 Contact Enhancer from DW Electrochemicals (Gordon): Feb, 35

TDL's Model 803 Programmer for ISD25-Series Record-Playback Chips: Apr, 55

The Art and Skill of Radio-Telegraphy (William G. Pierpont, N0HFF): Apr, 43

The DJ-X3 Hand-Held Scanning Receiver from Alinco: Jan, 77

The IXTH 10P60 P-Channel Power MOSFET: Apr, 46

The IXTH 24P20P-Channel Power MOSFET: Feb, 102

The K2/100 High-Performance HF Transceiver Kit from Elecraft: Oct, 39

The NHRC-10 Advanced Repeater Controller: Mar, 54

The Zap Checker: Apr, 91

Tiny VFO Kit from DATAK Manufacturing (Model 80-1410): Nov, 38

Tri-Band H-T Antenna from Maldol (MH-610): Jun, 59

USB Relay Module from J-Works: Apr, 61 Versatile Spiral Saw from RotoZip (Rebel): Aug, 39 Weather Alert 2000 is First Satellite-Based "Digital Weather Radio": Mar, 103

Strays

2002 North American Meteor Scatter Rally: May, 383905 Century Club Celebrates 25 Years (Burkhart):Jul, 96

40 Years of Government Service Certificate to Gary Hendrickson, W3DTN: Apr, 55

50th Annual OMIK Convention: Apr, 94

78 Years and Counting (Bob, W9NN, and Al, K4FW): Mar, 116

80 years of hamming between father and son (Patton Jr): Jun, 50

Abbreviations and Glossary on ARRL Web Site: Nov, 99

And the winner is...Kinetic Sculpture Race, Arcata, CA (Abell): Oct, 20

Atlantic Division Awards (Edgar/Fuller): Aug, 85 Attention MARS Operators and Users (Gorgman): Oct, 59

Call for Papers—Digital Communications
Conference 2002: Apr, 87; Jun, 50; Jul, 96; Aug, 89

Cartoon: Look, Jeeves.. A Solid-State Beam... (from January 1965 *QST*): Jan, 93

Cartoon: Jeeves, are you sure our new ham neighbor is just a 40-meter rag-chew man? (April 1965 *QST*): May, 99

Chess, Anyone? (Dutton): Dec, 94; Feedback: Feb 2003, 76

Club Providing Reimbursements for ARRL Emergency Communications Course: Jul, 83

Club Station HB9AA setting up for April's (2002) H26 Contest (Gutierrez): Sep, 103

Collins Radio Association (Knepper): Nov, 96 Department of State Station QRV (Anderson): Aug, 39

DL Weather Group Event: Nov, 99

Don't Leave Your Equipment Unprotected: Jun, 90 Friends for Life (Craig Larson, W3MS, and Steve Sauer, WA9ASZ): Jan, 108

Greg Griffith, KB3EJX, hosts Reading Radio Club's Meeting on the Air (Griffith): Nov, 96

Ham Radio Equipment Insurance... The Next Addition to Your Station: Oct, 90

Handi-Hams Promotional Tape: Aug, 94

Hard to believe...but "They all work well!" (Keller): Jun, 50

ICOM IC-PCR1000 Helps in Fight Against Terrorism: Dec, 48

Illinois Vets Discover Amateur Radio (Tokarz): Jan, 108

International Museums Weekend 2002 (Bloomfield): Mar. 100

It's All Relative (Hauff): Jan, 108

Jacket with a plethora of patches from years of International DX Conventions (Bostrom): Apr, 43 Jurassic Certificate (Donner): Aug, 94

Landmarks May Be Coming Down (Stinger): Jul, 42 Life Members Elected March 2, 2002: Jun, 50

Lighthouse Operation (Pensacola, FL) (Weikert): Jan, 108

Looking for DD-1 Components (Williams): May, 97 Michigan Amateur Radio license plates (Mcray): Apr, 69

Military Radio Collectors to Meet (Hamersma): Sep, 88

N3FJP's IARU HF Contest Log: Apr, 96

Need Wallpaper? Take a WAC at this One: Mar, 100

New ARRL Extra Class Certificate: Feb, 65: Oct, 90

New ARRL W6 Incoming QSL Bureau Address and Manager (Arlette, KO6IS, and Chuck, KD6WP, Marshall): Mar, 116

New Award from the Lighthouse Society: Mar, 100 New Digital WAS: Jan, 103

Old Timers Club certificate: Dec, 94

Olympics Special Event Station W7U (Cain): May, 102

Photo: Aubrianna Keith, KG4LTB, VA QSO Party High Single Operator Novice/Technician plaque: Sep, 78

Photo: William J. Lazenby, KC4CBY, and R. Duren Johnson Mr, KG4NYV (Yow): Sep, 78

Photos: Antenna Farm (Felizardo): Sep, 71

QRP DXCC Award: Aug, 39

Radio Line-of-Sight Plot Server (Frenaye): May, 107; Feedback: Jun 2002, 69

Rag Chewers Club: Are You a Member?: Nov, 99 Roanoke Division Service Award to Tom Gregory, N4NW (Pearce): May, 99

Spring Lites QSO Party: Apr, 55

Swan Jamboree 2002 (Singleton): Jul, 83

The Penn-Ohio DX Society Digital Prefix Awards Program (Mills): Mar, 76

The Worked All Bands Award: Dec, 90

Two of Three Authors are Hams (Benham): Aug, 85 USVE Reflector Provides Forum for Volunteer

Examiners (Wonoski): Nov, 96

Videoconferencing Skills (John Champa, K8OCL): Oct, 39

Vintage Field Day June 8-9, 2002 (Dilks): Jun, 50 VUCC: May, 102

W3UU Special Event—Rockville Bridge 100 Years (Grenier): Nov, 54

WHAM AM 1180 (Lambertz): Mar, 19

WRTC2002 Update: Jul, 90

I would like to get in touch with...

- ...anyone who plays chess on the air (Dutton): Nov, 96
- ...anyone who worked or used the Amateur Radio station at O'Reilly (military) Hospital, Springfield, MO, 1941-1955. (Moore): May, 97
- ...anyone with certificate for Mighty Midget Transmitter contest from Feb 1966 *QST* (Freeberg): Sep, 48
- ...circuit diagram for the DigiMax D612/D1200 (Fishback): Jan, 108
- ...hams who are pharmacists (Pagliula): Sep, 48

- ...Heathkit HO-10 Monitor Scope (Godwin): Jan, 108
- ...information on the Ramsey Electronic HR-1 receiver (Anderson): May, 97
- ...NYC area hams with ANSI IEEE 802.11b based computer subnets (Bitetto): Jan, 38
- ...old-style Mororola heavy-duty, cast-iron ballmounts (Applegate): Aug, 58
- ...Titanic enthusiasts net: May, 97

QST Congratulates

- ...50 Year Members: Feb, 112
- ...60 Year Members: Jun, 112
- ...70 Year Members: Jun, 112
- ...75 Year Members: Feb, 112
- ...Andreas Koenig, KB0KXW: May, 97
- ...Bernie (Bud) Michaels, KB1OO: Jan, 103
- ...Chaz Holder, N8FVK: Aug, 85
- ...Curtis Robb, NT5E: Jun, 50
- ...Don Keith, N4KC: Aug, 85
- ...Eric Forslund, N8XT: Oct, 83
- ...Glen Westbroek, KD7LLE: Jan, 103
- ... Hank Greeb, N8XX: Aug, 89
- ...J. Frank Brumbaugh, W4LJD: Mar, 100
- ...John Cunningham, WB4JUN: Jan, 38
- ...Mike Hudgens, W6YA: Jan, 103
- ...Olin Boyer, W5LNK: Oct, 83
- ...Professor Bill Call, KJ4W: Oct, 83
- ...Ralph H. Brock, W5MV: Oct, 83
- ...Thomas Gossett, K4TWG, and Catherine Gossett, KG4TWI: Oct, 83
- ..."VC" Angell, KCØEM: Jun, 50; Feedback: Jul 2002, 39
- ...William R. Keltner, WA5VVA: Apr, 57

Up Front in *QST*

14er Radio Event (Witte): Sep, 21

2002 Field Day Pins and T-Shirts: May, 21

6-meter QRO (Jones): Jun, 20

A canned message... (Fleming): Jan, 20

AB 1309 Portable Extended Mast (Giambrone): May, 20

Active on 33 cm? (Labor): Jul, 20

All that DX...DX Communications (Tucci): Mar, 19

Amateur Radio in the classroom (Fenske): Jul, 21

Amateur Radio in the classroom (Roy): Jul, 21

An attactive way to support a rotatable 38-foot antenna (Harris): Nov, 20

AO-40—and no one's the wiser (Spinner): Jun, 21

APRS, Italian-style (Ficara): Mar, 21

ARES patch in display at Stress Center for Police Officers (Hirsh): Sep, 20

Page 19

2002 QST Index

ARL58 license plate (Buchar): Feb, 20 Look Ma, No Drilling! (Blizzard): Dec, 21 "Are you a reflector or a radiator?" (Grider): Oct, 20 Loop mobile (Aragon): Apr., 21 As you can see, I have a bit of a radio collection Marconi memorial (Pearce): Apr, 21 (Konop): Jan, 20 Marking on a Knorr box—W8HLK (Guilherme): "Ben Franklin" Flag (Adkins Jr): Sep, 20; Feedback: Mar, 21 Oct 2002, 39: MAXIMum light, minimum cost—who could argue Bounce Modulation! (White): Jan, 21 with that? (Hasbrouck): Jul, 20 Building up the DX (Breneiser): Mar, 21 Messiest mobile contest winner! (Giambrone): Mar, Culturama Fair (Hammond): Jun, 21 19 Do you know the way to... QST? (Godolphin): Feb, Mobile DX trip to Kanab Point, Grand Canyon 19 (Rosenthal): Oct, 21 DX on the road—literally! (Taylor): Nov, 21 National D-Day Memorial in Virginia (Stanecker): "DX was everywhere" (Hamblen): Aug, 20 Nov. 20 DXpedition Lite (Allphin): May, 21 New take on an HF townhouse antenna (Wilk): Nov, Estero Radio Club in Cayucos 4th of July Parade 21 (Palmer): Sep, 21 No holes mobile antenna mount (Parr): Mar, 20 Field Day 2002: Miami Dade EOC (Scull): Dec, 20: No mess here! (Alline): Mar, 20 Field Day 2002: Mid-Atlantic ARC (Weiss): Dec, 20; Now they advertise! "Jammer Lake" (Brakob): Oct, Feedback: Jan 2003, 98 Field Day 2002: Phil-Mont Mobile ARC (Van Now they advertise! "Jamming Services" (Schaeffer): Meter): Dec, 21: Oct, 21 Field Day 2002: Pounding [big] brass in Bay City Old Timer's Night, Dallas ARC (Parker): Sep, 21 (Mondro): Dec, 20: Oldham Plaza (Powell): Feb, 20 Field Day 2002: Sarasota (FL) Emergency Radio One way to achieve circular polarization? Club (Alvord): Dec, 21: (Dominick): Aug, 20 Field Day 2002: Uh-oh! (Van Egmond): Dec, 20: One way to keep in touch while away from home Flapper foils code key plan (Lee): Feb, 20 (Quam): Jul, 20 Four newly licensed hams/Boy Scouts (Sirois): May, Painstaking, but worth it (Fischer): Oct, 21 21 Photo: JonPaul Jones, great grandson of Dave GOTA works! (Blank): Dec, 20 Goggio, W4OGG (Goggio): Sep, 78: Gravitational Gain experiment goes awry (Beldar): Pilgrimage to Plymouth (Plimoth Plantation) (Beaman): Mar, 20 Apr, 21 Great Plains Super Launch (Tews): Jan, 21 ORP Construction Contest at Iowa ORP Club State Ham Cam in Sarasota (Alvord): Aug, 21 Convention (Swenson): Mar, 21 Ham exam souvenir (Brady): Nov, 20 OST on CU (Kotowski): Sep, 21 Ham party in JT-land (Claerbout): Mar, 21 QTH here is a Quonset hut. (Mandale): Jan, 21 Ham Shoot sign (Rauchut): May, 20 Racking up the mobile QSOs. (Hargenrader): Jan, 21 Have anything for W0TF, of Leeds, North Dakota? Recent Kid's Class (West): Nov, 21 (Budd): Nov. 20 Recycling is Alive and Well at W7UPF (Richards): Have weather phenomena? (Venlet): Jan, 20 Feb. 21 Having trouble getting out? (Martin): Feb, 21 Returning to college brings elusive award (Babb): He knows which way the wind blows (Gillespie): Aug, 21 Feb. 19 Scout-O-Rama, Newport Dunes, CA (Tom Walker "Heavenly Ham" (Wasserman): Oct, 20 Jr) (West): Dec, 84 Helping hands (Faucett): Jun, 21 Something to celebrate! (Reginald Hoskin, Sr, Is he mobile or is he maritime mobile? (Gustat): Feb, W7ROL, 100th Birthday) (Johnson): Mar, 20 Son used QSL cards to study for National Geography 19 Bee (Whatley Jr): Aug, 20 JOTA 2001: Melbourne, FL: Jan, 19: JOTA 2001: Nobscot Scout Reserve in MA: Jan, 19: Spacious or specious? (Leidner): Aug, 21 JOTA 2001: Pacificon in Concord, CA (Matzkin): Special Event for the anniversary of the crash of the

2002 QST Index Page 20

JOTA 2001: Pack 1195 of Manassas, VA: Jan, 19:

Airship Hindenburg (Reed): Jul, 21

Still Hamming Together (Ramborger): Oct, 25

Sture, OH0JHP, Mariehamn, Aland Island, Finland (Kotowski): Jul, 20

Terri Cresap, KD5NGI, Rusty's Raiders Net (Clark): Jul, 20

Texas Ain't No Place For Amateurs sign (Tatsukawa): May, 20

The flag "got out" better than an antenna would have (Dockery): Feb, 19

The tie that transmits (Arnold): Aug, 21

They're closed; we're open (*QST* Energy) (Race): Jun, 21

Thought you might want to see some homebrew (Waggoner): Feb, 20

Top This! (CA QSO Party) (Paul): Mar, 19

Touch Pad Keyer—12-V car door remote control battery (Hew): May, 20

US Air Force Museum "Civilian Supporting Agencies" display (Griffith): Aug, 20

Verticals Three for Urban Living and Vacation Cottages (MacAlister): Jul, 21

W3TKQ/W3AA—50 Years at The Franklin Institute (Hoch): Sep, 21

WAS on 6, in 30 days—from KL7 (Hannigan): Apr, 21

What It's All About (Ferrera): Feb, 25

What's going on here? (letters in coffee) (Hill): May, 21

What's this contraption? (slide rule) (Suppan): Oct,

When is a photograph not a photograph? (McCarty): Apr, 20

Who is the Dummy? (Troster): Sep, 20

Wonder how long it's been since that thing's been lubricated... (Spencer): Nov, 20

Wouff Hong plant (Nelson): Oct, 21

WRTC2002 Spawns Ultimate Antenna Party (Laine): Aug, 20

You can find Hammies... (Hertzberg): Feb, 19