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9G — Ghana; FH — Mayotte; FR — Reunion Island; JW
— Svalbard; KHØ — Mariana Islands; P2 — Papua
New Guinea; P4 — Aruba; Spratly Islands; T6 —
Afghanistan: Apr. 88

6 Meters; DX Gathering WØDXCC 201 Convention); JX
— Jan Mayen; PYØF — Fernando de Noronha; VK9/L
— Lord Howe Island; ZD8 — Ascension Island: Jul, 86

CEØY — Easter Island; E4 — Palestine; E5 — South Cook Islands; FW — Wallis and Futuna Islands; HKØ — Malpelo Island; KH4 — Midway Islands; OJØ — Market Reef; V2 — Antigua and Barbuda; V6 — Federated States of Micronesia; VK9/L — Lord Howe Island; AD8 — Ascension Island: Aug, 85

3D2R — Rotuma Island; FP — St Pierre et Miquelon; Hungarian DXpedition to the Pacific; JW — Svalbard; T32 — East Kiribati; T6 — Afghanistan; YJ — Vanuatu; YJ — Niue Island: Sep, 89

3X — Guinea; 8Q — Maldives; 9N — Nepal; C2 —
Nauru; C3 — Andorra; C5 — The Gambia; FØ —
French Polynesia and Marquesas Islands; GU —
Guernsey Island; N7OU Heading Back to Pacific;
PJ5/PJ6 — St Eustatius & Saba; PJ7 — Sint Maarten;
S9 — Sao Tome and Principe Islands; TU — Ivory
Coast; VK9C — Cocos (Keeling) Islands; ZK2 — Niue
Island: Nov, 91

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Don Carlson, KQ6FM, Pacific Division Ham of the Year: Jan, 93

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Dr Alex Hills, AL7K, new book, Wi-Fi and the Bad Boys of Radio [www.dralexhills.com]: Dec. 102

Dr Gus Lott, KF6JDC, featured in "Dream Jobs 2011: Insect Imagineer," IEEE Spectrum: Jun, 105

Earl Reilly, W7HFO, book "According to Earl," published: May, 93

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June ARRL VHF QSO Party; Two meter transatlantic tests; 2011 SMIRK QSO Party; DL88; Steve Adams, K4RF, Silent Key; PZ5RA; West Coast DXCC; fifteenth International Earth-Moon-Earth Conference: Jun, 96

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# This Just In (Kleinman)

2011 Second Meeting of the ARRL Board of Directors (photo) (Ford): Sep, 12

A Half Century of OSCAR (Keane): Dec, 13

Andrea Miller, Daisy Troop Great Falls, MT, takes part in JOTA: Jan, 13

ARRL official family friends reunite (Frank Butler, W4RH, Evelyn Gauzens, W4WYR, Larry Price, W4RA): Feb, 13

Atlanta RC Celebrates Its First Century (Reed): Aug, 12 Aviation Museum Special Event (N4A) (Watson): Jul, 13 Bob Heil Donates Mike for Visitor Use at W1AW: Feb, 12 Cape Fear Amateur Radio Society Grant Put to Good Use (VanderClute): May, 13

First Guam 160 Meter WAS (David Mueller, N2NL) (Epperson): Jun, 13

Florida Club Helps Navy Commission New Destroyer (USS Jason Dunham) (Tiritilli): Mar, 13

Glacier-Waterton Hamfest "Friendliest Ever" (Dilks): Oct, 12

Hamvention Reunion (Cotterman): Aug, 13

Hawai'i and California Feel Tsunami's Impact (Conklin): May, 13

Hudson Division Names Its Amateur of the Year (Fallon): Feb, 13

Iowa Special Event Station was "Train Mobile" (KØT) (Moreland): Dec, 12

Kansas 6 Year Old is Now KDØPLJ (Priscilla Harder) (Harder): Dec, 13

Leonard Award Presented to TV New Producer (Jennifer Crompton) (Stohrer): Jun, 13

New Station at the South Florida Science Museum (Grant): Apr, 12

Next Up: Hamvention and the NatCon (photo Nathan McCray, K9CPO) (Somma): Jul, 13

Ron Tomo, KE2UK, Receives 2011 Humanitarian Award (Lotebnberg): Sep, 13

Special Event Station N6R Commemorates President Reagan's 100th Birthday (Heins): Apr, 13

Split Rock Lighthouse SpEv: Jan, 12

Spotted in Jackson's Mill (photo Roanoke Div Dir Dennis Bodson, W4PWF, Vice Dir Jim Boehner, N2ZZ, Honorary Vice President John Kanode, N4MM) (Ford): Nov. 13

Spreading the Word at the International Municipal Signal Association Conference (Mitchell): Nov, 13

Surprise! Former ARRL President Larry Price, W4RA, named President Emeritus. (Photo W4RA, W4OSK, KG4IUM): Nov, 12

Tennessee State Convention Draws Crowds to Knoxville (Skolaut): Sep, 13

Virginia Hams Stage First Cruise-In (Crosby): Jan, 13 We have Liftoff (Pasternak): Aug, 13

Willamette Valley DX Club Japan Earthquake Relief Committee (photo) (Brandt): Oct, 12

YACHT at Superfest (Engleman): Jun, 13

# In Brief

ARRL Filed Reply to Wireless Services Opposition filing regarding mobile broadband services; FCC Report and Order amended and clarified rules regarding vanity call signs; IARU member-society RAST assisted with rescue and relief efforts following Thailand monsoon; Richard Jenson named Chief of Air Force MARS; Complaint in US District Court against Glenn Baxter, K1MAN; ARRL President Kay Craigie, N3KN, took part in final contact of Wireless Institute of Australia's VK100WIA centennial special event operation; Dayton Hamvention accepting nominations for 2011 awards: Jan, 12

Secondary allocation to Amateur Radio Service at 461-469 and 471-478 kHz gain support at WRC-12 prep meeting; ARRL filed ex-parte submission with FCC re mandatory notching of amateur bands by Broadband over Power Line (BPL) systems; Joe Taylor, K1JT and Bruce Walker, W1BW, November QST Cover Plaque Award winners; ISS Expedition 25 Commander Doug Wheelock, KF5BOX, returns to Earth; FCC Citation to Hobby Lobby International; Question Pool Committee released new General class (Element 3) question pool; 5 research satellites carried into orbit, all use Amateur Radio frequencies; H40HP and 7Z1HB approved for DXCC; First ARRL Video Contest deadline February 28: Feb, 12

ARRL Board of Directors met Jan 20-21; Logbook of The World supports awards based on Maidenhead grid squares; Hams spot/report tornados in MO; FCC issues Hearing Designation Order (Glenn A. Baxter, K1MAN); ARRL Executive Committee reviewed grant applications; Amateur Radio Emergency Communications Enhancement Act HR 81; FCC Citation to Doctor Radio's CD Shop; Leonard "Woody" Woodward, W7KOP, longest registered Scouter, Silent Key; ARRL complaint with FCC BPL installed by IBEC, Inc; GM antenna engineer Don Hibbard, W8DBH, helped figure out how to install antenna on new Camaro; ARRL Media and PR "Now Hear This"; Jim Koehler, VE5FP, January 2011 QST Cover Plaque winner: Mar, 12

ARRL Board of Directors 2011 Annual Meeting January 21-22, 2011; ARISSat-1 delayed; California Court of Appeals decision in antenna case; Atlantic Division webinars for ARRL members; ARRL files Petition for Partial Reconsideration regarding vanity call sign system and call signs for clubs; rock band Arcade Fire won Grammy for best album of 2010; Boys Scouts of America and ARRL Memorandum of Understanding; 2011 Field Day packet available; Marshall Space Flight Center engineers ask Amateur Radio operators to listen for nanosatellite signal; February 2011 QST Cover Plaque Award to Lou Burke, W7JI: Apr, 12

Japan Amateur Radio League asks to keep 7.030 open for emergency communications following earthquake; National Public Safety Telecommunications Council shares ARRL's concerns regarding HR 607; medium frequency (MF) allocation; ARRL Executive Committee met March 19 in Chicago; FCC Report and Order March 4, 2011, eliminated requirement on spread spectrum automatic power control to reduce transmitter power and reduced emission to 10 W PEP; NASA Astronaut Doug Wheelock, KF5BOX will attend ARRL EXPO/Dayton Hamvention; Hamvention Amateur of the Year Shirley Roberts, N8LX; Four Americans, including three hams, killed by pirates; Nominations open for ARRL Awards: Howard "Skip" Teller, KH6TY, March 2011 QST Cover Plaque Award winner: Mav. 12

FCC granted parts of ARRL Petition for Reconsideration regarding ReconRobotics; Amateurs alert NWS about Rock House fire near Marfa, TX; Westmoreland County PA VHF net activated before tornado; Amateur Radio Day April 18; Spectrum Defense Matters

newsletter posted to ARRL Web; keep 7.030 clear for Japan emergency; FCC launches new Web site; ARRL video contest; ARRL Files Petition for Rulemaking/Request for Temporary Wavier with FCC for TDMA emissions; New Spread Spectrum rules take effect April 29; two more astronauts receive Technician licenses; ARES E-Letter available in audio and iTunes; ARRL Field Day merchandise available: Jun, 12

Dayton Hamvention/ARRL EXPO May 20-22, 2011; tornados in Alabama; FCC Commissioner Meredith Baker announced resignation; 30th ARRL/TAPR Digital Communications Conference papers due July 31; ME and PR proclaim Amateur Radio Day; 2011 4A4A DXpedition to Revillagigedo approved for DXCC; ARRL Sponsored Equipment and Club Liability Insurance; Lou Burke, W7JI, April 2011 QST Cover Plaque Award winner; partial victory FCC Petition for Reconsideration Recon Scout: Jul, 12

ARRL National Convention at Ham-Com; Joplin, Missouri tornado volunteers; tornadoes in Central and Western Massachusetts; FCC Consumer and Government Affairs Bureau seeking comment on terminating dockets; ARRL General Counsel Chris Imlay, W3KD, testified before Subcommittee on Communications and Technology, US House of Representatives re "Creating an Interoperable Public Safety Network"; VKØKEV approved for DXCC credit; June 2011 QST Cover Plaque Award to Kazimierz "Kai" Siwiak, KE4PT: Aug, 12

ARRL Board of Directors Second 2011 Meeting July 15-16; Newest DXCC entity Republic of South Sudan; FCC and ReconRobotics enter into Consent Decree; National Weather Service and ARRL Memorandum of Understanding updated; ARRL Executive Committee awards equipment and resources grants valued at \$5000 to six schools; FCC issued Citation to New Generation Hobbies; Space Weather Predication Center to maintain geophysical alert broadcasts on WWV and WWVH; Major Rick Shirran, VE3NUZ, appointed Director of SATERN; Ham Radio 2011 in Friedrichshafen, Germany; Lincoln, NE Amateurs help with 911 calls during phone service outage: Sep, 12

ARISSat-1; Teachers Institute on Wireless Technology; Field Day logs posted; Heathkit offering kits; Official Observers helped resolve coastal HF radar interference; ARRL Second Century Campaign; FCC raised cost of vanity call sign; Annual National Conference of Volunteer Examiners Coordinators (NCVEC); ARRL launched three forums on website — Awards, Contesting and Technology; Jerry Clement, VE6AB, July 2011 QST Cover Plaque winner; Doug Hall, K4DSP, August 2011 QST Cover Plaque winner: Oct, 12

Amateurs support communications during Hurricane Irene; Joe Taylor, K1JT and Bruce Walker, W1BW, Doug DeMaw, W1FB, Technical Excellence Award winners; ARRL seeking candidates for Treasurer; ARES groups assist Johnson County 911 Center in Warrensburg, MO; Heathkit Educational Systems to reenter Amateur Radio market; ARRL Facebook page has more than 20,000 fans; Several September 11

remembrance Special Events; IARU Administrative Council held annual meeting August 19-20 in Sun City, South Africa; ARRL files comments with FCC to dismiss or deny a Waiver Request submitted by Anchorage VEC: Nov, 12

Number of licensed Amateur Radio operators exceeds 700,000; ISS contacts during Scouts Jamboree on the Air; WRC-12 committee approved draft European Common Proposal; Robert Miller, KE6F, September QST Cover Plaque Award winner; higher-frequency bands hopping in September; Mike Corey, Kay Craigie and David Sumner briefed National Security Staff on capabilities of Amateur Radio Service to communication in emergencies; ARRL Executive Committee met October 1; Amateurs observe National Wildlife Refuge Week; IARU Region 1 webinar on IARU Region 1 General Conference: Dec, 12

# Inside HQ (Kramer)

2011 The General Class Question Pool: Jul, 132012 ARRL Handbook and the 22nd Edition of the ARRL Antenna Book: Oct, 13

A Cure for the Summertime Blues: Aug, 13 ARRL 2010 Highlights — Part 1: Apr, 13 ARRL 2010 Highlights — Part 2: May, 13

Field Day: Jun, 13

Looking for News? Subscribe to an E-Newsletter: Feb,

Our Second DIY — Do It Yourself — Issue: Jan, 13 Survey Reveals ARRL Members' Preferences: Dec, 13 The IT Department: Nov, 13

WAC Award and A-1 Operator Award: Sep, 13 Welcome to the Antenna Issue: Mar. 13

## Media Hits (Pitts)

Mountain Democrat (CA); Patek Philippe (Geneva); Forbes Magazine; Syracuse.com; Roanoke Times (VA); South Washington County Bulletin (MN); Cape May County Herald (NJ); Lawrence (KS) Journal-World; The American Rifleman: Jan, 12

NASA TV; YouTube; tinyurl.com/3yep54f; Louisville Courier-Journal (IN); Cape Gazette (DE); The Daily Sentinel (CO), The Evening Sun (PA); KJCT TV; KATV (AR); Lake Wales News (FL): Feb, 12

Santa Nets; Caller Times (Corpus Christi, TX); WFTS-TV (FL); Times Herald-Record (Orange County, NY); Kent-Ravenna Record Courier (OH); Basehor Sentinel (KS); Aether ham app; RFCafe.com; Nonowerk.com; AutoBlog.com; CNET.com; In Politics, Chairman of the House Walden, W7EQI; Prescott Daily Courier (AZ); Las Vegas Sun (NV): Mar, 12

Wired News; FCW.com; WEDU-TV; Slash.com; NSAS.gov press releases; TMC.net; Popular Science; Scientific American, Universe Today; Spaceflight Now; msnbc.com; AL.com; CNN; Associated Press; Telecomix News Agency; ComputerWorld; Sci-Tech Today; Home Daily News; DVICE; Reviews of Electronics; Huffington Post; PC World; NPR: Apr, 12

HR 607; The Desert Dispatch (CA); MyNorthwest.com; Stuttgart Daily Leader (AR); Orlando Sentinel (FL); Draper Journal (UT); Traverse City Record-Eagle (MI); Morehead News (KY); World Radio Magazine; Midland Daily News (MI); Burlington Times News (NC): May, 12

House Bill HR 607 - Alpine Avalanche (TX), News-Leader.com (Springfield, MO), KFBB-TV (MT), PC Magazine, USA Today, NewsFactor Network, Homeland Security Today; Madison County Journal; Stars and Stripes; ABC News; Los Angeles Times; NBC; PN Magazine: Jun, 12

RJ Harris Show WHP 580 AM (PA); Centre Daily Times (PA); National Public Radio (NPR); Arizona State University; Julio Ripoll, WD4R, Distinguished Service Award; The Weather Channel's Weatherview; VOA; Tifton Gazette (GA); Anniston Star (AL); HR-607 on NRP: Jul, 12

Morehead State University News (KY); Watertown Daily Times (NY); Your News Now (NY); US Army web site; The Norwich Bulletin (CT); PC Magazine; News-Leader (Joplin, MO); Salvation Army Team Emergency Radio Network; Kansas City Star (MO); ABC 33/40 TV (AL); Radio World; RBR.com; KWAM 990 radio (Memphis, TN); WTOP (WA DC); "Quinn in the Morning"; XM Satellite Radio: Aug, 12

Movies Mr Poppers Penguins and Super 8, Field Day; WOR Radio NY; Patch (South Cobb, GA); Livingston Parish News; EE Times: Sep, 12

ARISSat-1; EETimes; NASA.gov; Space.com; United Press International; International Business Times; Patch.com; Press & Sun Bulletin (NY); WIS-TV (Columbia, SC); Alexandria Times; ABC-TV 33/40 (AL); Hi-Desert Star (CA); Christian Science Monitor; many Field Day items; PBS Newshour; Delta County Independent (CO); WGMD Radio; Philadelphia Inquirer; www.youtube.com/ARRLHQ: Oct, 13

Webinar for PIOs; The Aegis (MD); The News of Orange County (NC); In Your Prime (OH); Juneau Empire (AK); Guide to Retirement Living Sourcebook; ARISSat-1 — Examiner.com, SpeceFellowship.com, Space.com, Aviation Weeks, EETimes, EDN.com, SpaceDaily.com, Patch.com; Hurricane Irene — The Hartford Courant (CT), New York Times, NJ.com, DSLreports.com, SCNow.com, Wall Street Journal, Central Florida News TV-12, Wisconsin WJFW-TV: Nov. 12

Sentinel-Tribune (OH); Jacksonville Daily Progress (FL); eWeek; PRWeb; WDIO-TV (MN); Patch.com; Navarre Press (FL); SCNow.com; ITU News: Dec, 12

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First single Yagi 70 cm Worked All Continents on CW (Chominski): Feb. 20

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One Take on the ARRL Homebrew Challenge (Zehr): Sep. 20

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The Silver Panthers are Loose (Holberg): Feb, 20

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