

Cumulative Index to MAARC Newsletters and MAARC's Radio Age

December 2024 Edition

(Through December 2024)

Note: This index is also available on-line on MAARC's Website: www.maarc.org

CUMULATIVE INDEX TO MAARC NEWSLETTERS and the new *Radio Age*

Complete Through December 2024

MAARC newsletters began with Volume 1, Number 1, in August 1984 and continued until the May 1994 issue, which was Volume 11, Number 5. MAARC began publishing *Radio Age* as its newsletter in June 1994, after purchasing the rights to this publication from its original publisher, Don Patterson. The first issue of *Radio Age* published by MAARC was the June 1994 issue, designated Volume 19, number 1. This index covers all issues of the MAARC newsletters and the issues of *Radio Age* between June 1994 and December 2024.

PDF versions of back issues of all newsletters are available for MAARC members on the MAARC website. If you have trouble accessing them, contact the MAARC webmaster.

Paper copies of most back issues are available at nominal cost from MAARC. See page 2 of the most current *Radio Age* or the MAARC website for the current price of back issues and ordering instructions. Please request copies of back issues by month and year, <u>not</u> by Volume number and allow two to four weeks for delivery. Make your check or money order payable to MAARC.

The index below lists items by author and by subject matter (keywords). Numbers precede letters in the alphabetizing scheme used here. The reference is coded as abbreviated month and year, a colon, and the page number(s). For example, Jun86:7 means the referenced information can be found on page 7 of the June 1986 issue of the newsletter. Note that there were a few issues of the newsletter in which the date footer on the inside pages showed an incorrect month. Check the date on the front page to verify the correct month, although there may have been an error or two there, too. Ad reproductions are listed at the beginning of each manufacturer's listing. Book reviews are listed by book author under the heading "Book Reviews" as well as under the name of the reviewer.

We have tried to make this index error-free, but proofreading a document such as this is daunting! Should you uncover an error as you use it, please notify Brian Belanger (address, phone number, and email address are on page 2 of *Radio Age*) so the error can be corrected in the next edition.

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A. Atwater Kent: The Man, the Manufacturer and His Radios, Aug03: 7

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Bendix

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Bendix: From Brakes to TVs, by B. Belanger, Aug14:1

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Book and Journal Reviews

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Aitken, H., The Continuous Wave (F. Kohl), Mar86: 3

Anderson, Betty Baxter, Four Girls and a Radio,

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Barnum, Fred, *His Master's Voice in America* (brief note), Oct91: 6

Bennett-Levy, M., Historic Televisions and Video

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Bilby, K., The General: David Sarnoff and the Rise of the

- Communications Industry (brief note), Oct87: 4
- Bintliff, Ray, *Philco Condensers and More* (T. Hannah), Apr00:14
- Brown, G., Recollections of a Research Engineer (F. Kohl), May86: 5
- Bryant, John H. and Cones, Harold N., *The Zenith Trans-Oceanic The Royalty of Radios* (L. Sibley), May95:7 (See also follow-up, Jan01:1)
- Carr, J., Old Time Radios! Restoration and Repair (T. Hannah), Mar91: 3
- Christman, Trent, *Brass Button Broadcasters* (B. Mast), Jul92: 5
- Collins, Max, *The War of the Worlds Mystery* (D. Spivey), Oct05:14
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- Fathauer, George, *Radio Tubes and Boxes of the 1920s* (L. Sibley), Sep99:10
- Grinder, R. & Fathauer, G., *The Radio Collector's Directory and Price Guide* (F. Kohl), Nov86: 4
- Grotz, G., The Furniture Doctor (F. Kohl), Oct86: 3
- Hedge, Gilbert & Roth, Durrell, *The Early Zenith Radios* (Joe Koester), Feb18:7
- Hobbs, M., E.H. Scott, the Dean of DX (F. Kohl), Apr86: 5 Horton, E., Zenith Royal 500 Transistor Radios – "Owl Eyes" (R. Matzko), Mar98:18
- Husfloen, K., Antique Trader Radio and Television Price Guide (B. Goodwin), Feb06:11
- Johnson, D. & B., Guide to Old Radios, Pointers, Pictures, and Prices (T. Hannah), Jul89: 3
- Lackman, Ron, Same Time ... Same Station: An A Z Guide to Radio from Jack Benny to Howard Stern, May96:9
- Larsen, G., *The Locator* (J. Okolowicz), Nov94:13 Kneitel, T., *Radio Station Treasury 1900-1946* (F. Kohl), Sen86:14
- Kraeuter, David, *British Radio and Television Pioneers* (B. Belanger), Oct93:7
- Kraeuter, David, *Index to Radio and Electronics Patents*, (B. Belanger), Jan96:5
- Kraeuter, David, *Radio and Television Pioneers: A Patent Bibliography*, (not reviewed--press release), May92: 4; Review (B. Belanger), Apr95:20
- O'Hara, J. & Pricha, W, *Hertz and the Maxwellians* (G. Symonds), Aug90: 17
- Menassa, Bret, *Antique Radio Restoration, Vols. 1 & 2,* (C. Scarborough, E. Stenberg, & B. Belanger), Aug04: 8
- Pedlow, G. W., and Welzenbach, D. E., The CIA and the U-2 Program (E. Lyon), Jan99: 11
- Phillips, V., Early Radio Wave Detectors (G. Symonds), Aug90:16
- Poster, H., Poster's Radio and Television Price Guide, 1920-1990, Second Edition (B. Belanger), Jul94:11
- Richelson, Jeffrey, *Wizards of Langley* (Ed Lyon), May09:10 Romney, E., *Fixing Up Nice Old Radios* (T. Hannah), Jul90: 5
- Rutland, David, Behind the Front Panel (B. Belanger),

- Mar95:4
- Sibley, Ludwell, *Tube Lore A Reference for Users and Collectors* (B. Belanger), Oct96:6
- Spahr, Lisa, World War II Radio Heroes—Letters of Compassion (P. Farmer), Sep08, p. 13
- Stein, Mark V.:
- The Complete Price Guide to Antique Radios: Pre-War Consoles (G. Shearer), Aug00:5
- The Complete Price Guide to Antique Radios: The Sears Silvertone Catalogs 1930-1942 (G. Shearer), Jun01:15
- The Complete Guide to Antique Radios: Tabletop
- Radios Vol. 1 (G. Shearer), Nov02: 12
- Machine Age to Jet Age (B. Belanger), Jun95:17
- Machine Age to Jet Age III, (G.Shearer) Nov99:4
- Tyne, G., Saga of the Vacuum Tube (F. Kohl), Oct87: 4
- Williams, Ralph, & Wolkonowicz, John, A. Atwater Kent: The Man, the Manufacturer and His Radio (B. Belanger), Aug03:7
- Osgood, Dick, *Wixie Wonderland* (Martin Grams), Feb18:9 Wood, S., *Evolution of the Radio, Vol. 2* (G. Schneider), Oct93:16
- Yanczer, Peter, *The Mechanics of Television* (F. Kohl), Apr88: 7
- Zimmerman, Arthur, *In the Shadow of the Shield* (E. Lyon), Sep98:12
- ___Antique Electronic Supply 1988 Catalog (F. Kohl), Dec87: 6
- ____Antique Radio Magazine (B. Belanger), Mar97:10
- ___Antique Radio News (B. Belanger), May94:3
- ___AWA Review, Vol. 1 (F. Kohl), Jul87: 4
- ___AWA Review, Vol. 6 (B. Belanger), Oct91: 13
- ___AWA Review, Vol 16 (G. Shearer), Feb04: 15
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- ___The Legacies of Edwin Howard Armstrong
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- Radio's First Two Decades (F. Kohl), Oct87: 4
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Call Letters

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Service: A Monthly Digest of Radio and Allied Maintenance, Jun04: 14

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High Fidelity

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Stereophonic Sound, by E. Lyon, May95:1; Jul95:1

Tidbit (Hi-Fi broadcasting) by E. Lyon, Sep06:10

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Hogan, John V. L.

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Industry News

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International Restoration Contest

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International Telecommunications Union

AM Radio on the Shortwave Bands, Jan16:8

Internet

Networks: The Origins of the Internet, by E. Lyon, Nov22:6

Radio's Perfect Storm, by E. Lyon, Sep:21:1

The Rise and Fall of Shortwave Radio, by E. Lyon, Jan10:1

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Jackson, Henry

Henry Jackson: A Little-Known Wireless Pioneer, by B. Belanger, Dec00:1

Japan and Japanese Radios

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A World War II Japanese Navy Type 609 Wavemeter Receiver, by E. Lyon, Sep03: 1

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Juke Boxes

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Early Broadcast Radio, by D. Sohn, Jun10:1

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Koczur, Dan

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A Tough AK Radio Restoration, by D. Koczur and

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Kodel Radio Co.

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Book Review: The Early Zenith Radios, Feb18:7

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Fine Abrasive Restoration Technique (co-author,

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The French-Soviet Connection, by J. Koester & Jiri

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Grille Cloth Installation – Another Way, by D.

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The Jim Dandy Eye Tube Checker, by Joe Koester and

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Joe Koester and MAARC, by B. Belanger, Oct92: 12

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Love Is . . . A Radio? Feb24:14

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MAARC Members Assist Katrina Victims, by

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MAARC Members Honor Mayor, Apr22:11

Meeting report - ARCA, Louisville, KY, 1986, Jul86: 12

Meeting report - AWA, Charlotte, NC, 1986, Apr86: 3

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Memories of the Early Days of Radio (with J. Barrow), Feb93: 15

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A Bit of Local Radio History, Jul85: 6

Book reviews:

Antique Electronic Supply 1988 Catalog, Dec87: 6

AWA Review, Vol. 1, Jul87: 4

The Continuous Wave, by H. Aitken, Mar86: 3

Electrical & Electronic Technologies, by H. Davis, Aug87: 8

The Furniture Doctor, by George Grotz, Oct86: 3

The Mechanics of Television, by Peter Yanczer, Apr88: 7

The Radio Collector's Directory and Price Guide , Nov86: 4

Radio Station Treasury 1900-1946, by T. Kneitel, Sep86: 14

Radio's First Two Decades, Oct87: 4

Recollections of a Research Engineer, by G. Brown, May86: 5

Saga of the Vacuum Tube, by G. Tyne, Oct87: 4

E. H. Scott - The Dean of DX, by M. Hobbs, Apr86: 5

Wireless & Elec. Cyclopedia (Elec. Importing Co.), Jul86: 12

Depotting and Repotting Transformers, Nov84: 4

How Many Mikes in That Can? (Checking electrolytic capacitors), Apr85: 4

Restoration hints (crackle finish, fungus on wires, dial glass, cleaning tubes), Feb85: 5

Kolster

Ads for 1932-33 radios, Models K-114 and K-140, Oct85: 10 Frederick Kolster and His Radios, by B. Belanger, Aug08:1 Kolster Radio Corporation, (company book reprint), Apr17:1 Tidbit on oscillation in TRF receivers, Jan16:13

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Ernest J. Krause and the Radiobar Co., by J. Okolowicz, Feb96:1; Jun05:1

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Krupp Circles

Krupp Circles, by E. Lyon, May06:5

Kutztown Meets

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Label restoration

Surprising Fun with a Broken Radio: Repairing Cabinets and Reproducing Labels, by B. Goodwin, Dec07:8

Lacault, Robert

R. E. Lacault's Superhet: The Ultradyne, by E. Lyon, Sep01:12

The Long Box Superhets – Part 2, by Ed Lyon, Mar18:1 Superhet history, by Ed Lyon, Mar87: 4

Superheterodynes—The French Connection, by E. Lyon, Jul13:12

Lacquer

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Lafayette Radio (Earlier, Wholesale Radio Service Co.)

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Leon Lambert and his Crystal Radios--Chapter 3, by

B. Belanger, Mar90: 7

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Lamp Radios

A Cool Radio Lamp, by G. Shearer, Jul06:9

Another Cool Radio Lamp, by T. Hannah, Dec06:7

Interesting Radios, by J. Koester, Jul85: 10

Radio Lamps: What a Bright Idea!, by J. Okolowicz, Jun95:1

Langmuir, Irving

Irving Langmuir and Vacuum Tube Development, by

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Library of American Broadcasting

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Book Reviews

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Breaking Radio Codes: A Signal Intercept that Actually Changed the World, Sep01:1

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Low Probability of Intercept Signaling, by E. Lyon, July23:8 A Midlife Crisis in Spark Transmitters, by E. Lyon, Jul09:1

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Horizon Radar, by E. Lyon, Jul19:9 Muirkirk Radio - History in Our Midst, by E. Lyon, Jul97: 9 Old Radios and HANES, by Ed Lyon, Jan18:1

A Parasitic Radar in World War 2 – Part 1, by

E. Lyon, Sep12:1; Part 2, Nov12:8

Radar on Television – Well, Sort Of, by E. Lyon, Mar22:8 Radio Echoes...Echoes, Part 1, by E. Lyon, Sep11:1 Part 2, Nov11:1; Part 3, Jan12:1

Those Thousands of Little Inventors, by E. Lyon, Nov00:1; Follow-up, Mar01:10

Two Radar Hits and a Miss—At Orford Ness, by E. Lyon, Jul20:1

When Noise Obscured the Earth Image, by E. Lyon, May24:1 Ultra Wideband Radar, Jan08:12

The Woodpecker Watch, by E. Lyon, Mar13:1

Radio Amateur Callbook

[discontinued publication], Feb03: 1

Radio & Television Institute (Ad), Feb00:13

Radio and Television Museum

Antique Radio and Television Museums, by B. Belanger, Apr04: 1

Radiobar Co.

Earnest J. Krause and the Radiobar Co., by John

Okolowicz, Jun05:1

The History of the Radiobar Company, by S. Hansman, Part 1, Feb22:1; Part 2, Jun22:6

Revenge of the Radio Bar, by Joe Koester, Feb18:1

Radio Broadcast News (magazine), Jan06:12

Radio Club of America

The Other RCA: The Radio Club of America, by B. Belanger, Dec89: 11

Update on the RCA, Feb90: 10

Radio Collecting Hobby

Collect Responsibly!, by Domi Sanchez, Oct17:1

Radio Control

Radio-Controlled Drones--a Modern Surveillance Tool, by E. Lyon, Jan02: 12

Radio Corp. of America - See "RCA"

Radio Development and Research C\orp.

RDR and the Magic-Tone Bottle Radio, by J. Okolowicz, Aug19:1

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Radio-Electronics-Television Manufacturer's

Association (RETMA) (See also Radio

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Radio Engineering Co. (RECO)

The RECO Key Story, by J. Dilks, Jun12:1

Radio Engineering Laboratories (REL)

The "Other" FM Radios, by E. Lyon, May12:11

Radio Equipment Co. (Baltimore)

The RECO Key Story, by John Dilks, June12: 1

Radio Era Archives, Product Review, CD-ROM, Feb99: 14 Radio Exhibitions

How a Gilded Weather Vane Briefly Became the Golden Girl of Early Broadcast Radio, by D. Sohn, (1925 Radio World's Fair), Aug10:1

Radio Frequency Labs (RFL)

The Birth of Modern Avionics in New Jersey, by Ray Chase, May16:1

Radio History Society

Articles of Incorporation, Sep94:10

Constitution and Bylaws, Sep94:10

Extensive Publicity Accompanies Grand Opening of RHS Museum, by B. Belanger, Aug99:14

Museum Developments, by B. Belanger, Dec98:11

News from the Radio History Society, by B. Belanger

Dec94:14; Oct95:12; Aug96:11; Apr97:13; Oct98:7

The NRI Schematic Service and the MAARC/RHS

Connection, by B. Belanger, Dec01:6

Radio Exhibit Opens at GWU, Apr01:13

Radio Museum/Library Closer to Reality, by B. Belanger, Sep94:10

Radio & Television Museum Receives a Large Grant, by B. Belanger, Oct06:6

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Radio-Television Museum to Open in Time for

RadioActivity 99, Apr99:15

The Radio Television Museum Receives a Challenge, Oct99:4

RHS Signs Memorandum With GWU: Radio Museum Library is One Step Closer, Mar98:5

Rodger Nye Re-Challenges the Radio History Society, Aug00:10

R/T Museum Doings, Feb00:14

Seeks Members and Volunteers, by B. Belanger, Oct94:18

You Can Help Create the New RHS Museum, by

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Radio Instrument Co. (RICO)

When Socket Power Came to Raio, by E. Lyon, Sept22:1

Radio Lamp Corp. of America

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A Cool Radio Lamp, by G. Shearer, Jul06:9

Radio League of America, Mar86: 8

Radio-Lite-Tenna

Quirky Radio Antennas in Disguise, by J.

Okolowicz, Dec19:1

The Super-Ball Antenna Company—Part 1, by G.

Hunolt, Jun11:8

Radio Log Books

The Bates Radio Index, by D. Sohn, Dec21:1

Radio Index Magazine, Mar87: 16

Radio Industry

The Radio Industry in the Mid-1930s—Part 1, by B.

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Radio Instrument Company, Tidbit, Jan03: 14, Jan14:8

Radio Manufacturer's Association (RMA)

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Radio Music Corp.

To Everything, Turn, Turn, Turn, by Bob Schmitz, Part 1, Dec23:12; Part 2, April24, 1

Radio Navigation - See Navigation

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Radio News

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Radio Prices - See "Prices, Radio and TV," and "Auction Prices"

Radio Products Corp. of Birmingham, AL

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Radio Quiz: (Note that for some quizzes, the answers were given in the first or second issue following the issue in which the quiz appeared, whereas for other quizzes, the answers appeared in the same issue. Note also that one-question radio quizzes are not listed here. Sep84: 5;

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Radio Retailing Magazine

Radio Retailing and the Radio Blue Book, by S. Hansman, Jun22:1

Radio station logs - see "Station Logs"

Radio Technician Association

Television Repair in a Dragnet Episode, Jun15:1

Radio Telephones

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Radio Wet Ground Mfg. Co. - Ad Reproduction - Jul89, 12 Radiobar Co.

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The History of the Radiobar Company, Part 1 by S.

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Radiogem - Ad Reproduction - crystal set, Jun88:10

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Railroads and radio

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Command Radio Sidebar by E. Lyon, Nov05:13

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RCA (Radio Corporation of America) and RCA Victor

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Automatic cigarette lighter, *Letters Patent*, by Randy Warren, Jan94:8

Book Review - *Recollections of a Research Engineer* (biography of George Brown, who worked at RCA), May86: 5

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Home recording systems: Programs of Record, by E. Lyon, Jul09:7

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Second-Guessing RCA: Correcting a Design Flaw in a 1939 AC/DC Radio, by T. Hannah, Apr07:8

Seldom Seen RCA Radiolas, by B. Belanger, Feb10:11

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The Should-Have-Been RCA Model 23K: Analysis of a

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Strato-World, by T. Hannah, Aug90: 14

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Wartime Television, by E. Lyon, Nov01:1

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Model 432A: Acquiring a Tester for Early Broadcast Tubes, by D. Sohn, Oct21:12

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Refinishing and Cabinet Restoration (See also "Cabinet

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Cabinet Refinishing - Another View, by D. Houston Dec94:7

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Hot Chassis Refresher Course by C. Rhodes, Oct97: 1

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Product Review, BPS Inc. Antique Radio Encyclopedia on CD-ROM, Dec98:10

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AD-36: Rounding Out My Collection, Dec24:1

Appearances Can Be Deceiving (EMUD Super 561 W), Dec24:6

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David and Goliath: The Military TV-4(*)/U and

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Book Review - *Historic Televisions and Video Recorders*, by. M. Bennett-Levy, Aug93:13

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Scott, E. H. and Scott Radio Laboratories

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Excerpt from "Silver Ghosts" (biographical material, by J. Puett, Dec85: 2; Jan86: 4; Feb86: 6

The Genesis of the Scott World's Record Radios, by K. King, Feb21:1

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Model RCH receiver, Nov92: 1

The Napier Project, by J. Koester, Feb20:8

Owning a Scott Radio in the 1930s, by E. Lyon, Jan13:1 Philharmonic

Instruction manual reprints available, Mar87: 14

The Soul of a Great Machine, by K. Martin, May91: 8

Silver vs. Chrome, by J. Koester, Aug01:1 and Oct01:1

Scott Field Radio School

Thru These Gates: The Scott Field Radio School, by Dan Howard, Apr20:6

Scott, H..H.

H. H. Scott Hi-Fi—Then and Now, by P. Farmer, Apr06:1

The "Other" Scott, by E. Lyon, Jan13:12

SCR series of military radios

Collectable Aircraft Radios by E. Lyon, Jul05:9

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Sea Gull (tubes)

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Sears, Roebuck Radios - see Silvertone

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Secret Communications (early work on low probability of intercept, spread-spectrum, etc.), by E. Lyon (two-part

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Selectosphere

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Bringing a Down-Country Radio into the Big City,

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Model 72ATR 1930s Button Cell Batteries, by Eric Stenberg, Apr20:9

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A Hint for Servicing 3-Way Portables, by R.

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Radio Servicing Rules of Thumb, by F. Lipieko, May96:12 Vexing Problems - With Solutions, by L. Williams, Mar94:8

Service Instruments, Inc.

VTVM History, The Rider VoltOhmist, by O. Parker, Feb94:8

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Radio Servicing During World War Two, by B. McCalley, Dec00:12

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Member Spotlight - Willie Sessoms, Jun18:1

Setchell Carlson

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Setchell-Carlson—and Odd Power Sources, by E.

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Book Reviews:

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The Complete Price Guide to Antique Radios:

Pre-War Consoles, Aug00:5 The All-American, er, Four, Apr98:1 The Complete Price Guide to Antique Radios: The Auction Results - Ford Museum, Oct. 6-7, 1995, Oct95:3 Sears Silvertone Catalogs 1930-1942, Jun01:15 Bakelite!, Jun97: 1 The Complete Guide to Antique Radios: Tabletop Book Reviews: Radios - Vol. 1, Nov02: 12 Radio Tubes and Boxes of the 1920s, Sep99:10 Machine Age to Jet Age III, Nov99:4 The Zenith Trans-Oceanic - The Royalty of Radios, A Cool Radio Lamp, by G. Shearer, Jul06:9 May95:1 Another Tricky Repair Job, Nov06:14 Coil Sets for the HRO Family of Receivers, Feb96:10; Executive Musings, Nov07:12 Follow up, Mar96:4 February 2020 Meeting Super Show and Tell, Mar20:12 Color-Coding the Networks, Jun95:8 The Grunow 450 - Oh, What a Challenge, Sep97: 16 Deaccession Sale - Ford Museum, Aug95:14 Kutztown Meet Report, Nov07:13 De Forest and Transmitters, Feb00:6 Member Spotlight: Goeff Shearer, by D. Sanchez, Jun14:1 Diagnosis For Ac/dc Radios, Aug92: 13, submitted by S. My Trip to the Great North, Nov01:8 Rosenstein, source correction noted, Sep92: 5 Musings of a Radio Club President, Aug06:9 Evolution of the Hearing Aid, Dec20:8 Pacific Model 100 "Air Cruiser:" Jun15:6 F.B. Chambers & Co.: Philadelphia's First Radio President's Report, Mar08:7 Maker?, Aug. 97: 7 Presidential Musings, Redux Frequency Modulation: An Appreciation, Feb04: 1 The Radio Collector, May94:1 "German" Tubes by Western Electric, Mar97:12 A Rags-to-Riches Philco 60, Mar96:1 A Glimpse into CeCo, Mar95:1 Restoring a Sparton Bluebird, Dec09:1 A Half-Century of Sams' Photofacts!, Apr96:1 What is a Croydon?, Sep23:11 The Hybrid Car Radio, Sep20:1 The "Woe-Is-Me" Crosley 148, Nov94:1 "Humor in Uniform" - Tech Manual Art, Aug06:10 Working for Nothing – Repairing a Philco 38-89, Oct06:13 Low-Cost Isolation Transformers - Another Source, Jun 97: 7 VRPS/AWA 1995 Convention Report, Jan96:12 Ludwell Sibley is Home (accident report), Dec01:10 **Shellac** Major Armstrong: An "Eimac Man", Apr09:1 More on Early Electronic Television Receivers, May96:1 Is it Shellac or Lacquer?, Jun18:11 Muntz - TV and More, Apr22:6 Shipping radios The Perils of Radio Shipping, by P. Farmer and G. Gore, Never Replace Another 35Z5...or 35W4... or 35Y4, Oct94:17 Dec00:8 Notes on Dial Lamps, Jul98:4 **Shortwave Radio** Obituaries Great Circle Short Wave Society, by H. Cones, Jan88: 7 Bruce Kelley, Jan98:9 The Rise and Fall of Shortwave Radio, Part 1, by E. Lyon, Ross Smith, Oct00:6 Jan 10:1; Part 2, Mar 10:1 On Transistor Radios, May21:1 Short Waves - Radio Historical Notes, by E. Lyon, Jul87: 13; Plant - Identification Codes - RCA Tubes of the '20s. Aug87: 3; Sep87: 3. Shortwave Numbers Stations, Apr18:14 Rauland, Zenith, and Tubes, Oct04: 1 Shortwave Radio – For International Leisure, Learning, An RCA Victor Prototype, Feb95:12 and Liberty, by E. Lyon, Mar19:1 RCA's TV Glow Tube, Apr03: 14 SWL - Ears to the World, by T. Betzer, Jul91: 4 Restoring an Atwater Kent 317, Oct94:11 Restoring the Later Trans-Oceanics, May95:9 Tidbit, Nov15:11 Shotts, Terry John F. Rider and His Manuals, Jan.95:1 More power to the farm radio, Apr87: 6 Rider's Forgotten Manual, Apr01:1 Stromberg-Carlson, Feb03: 1 Power supply for farm radios, Oct85: 4 Testing Tubes in Bulk, Aug93:10 **Showers** The Showers Consola, by R. Goad, Aug98:1 Time Capsule Opened at Atwater Kent Plant, Dec96:8 Shriver, Harry The TR-55 - Sony's First Transistor Radio, Dec98:1 75 Years of Broadcasting in Maryland, May97:1 Tube Lore: 100-mA AC-DC Tubes, Jan96:1 Tube Lore: Identifying Metal Types, Jun98:3 Tube Lore: Identifying Portable Radio Tubes, Aug98:6 Shure Microphone Designer Ben Bauer, by Domi Sanchez, Oct18:8 Tube Lore: Identifying Those Early '30s Types, Apr97:1 Sibley, Ludwell Tube Lore: European Brand Names, Aug96:1 Tube Lore: "Majestic" Tubes, Jul95:8 50th Anniversary of the "Germanium Radio," Feb96:4; Follow up, Apr96:16 Tube Lore: The Wunderlich Detector, May 97: 11 100-Milliampere Miniatures, Nov20:1 TV Sets Branded Altec and DeForest, Dec21:11 "Western Electric" Tubes: An Apparent Revival, May95:13 A Catechism on Carrier-Current - Then and Now, May20:1; Signal Corps Follow-up: Jul20:11 A Look Back—Way Back—At TV sets, Part 1, Collectable Aircraft Radios by E. Lyon, Jul05:9 Aug21:8; Part 2, Oct21:6 Part 2, Sep05:1, Part 3, Nov05:1 "Humor in Uniform" - Tech Manual Art, by L. Another Look at Raytheon, Dec21:5 The Citizens Band, Aug20:1 Sibley, Aug06:10

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Genealogy, Philology, and Entomology. . . and

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How a Gilded Weather Vane Briefly Became the Golden Girl of Early Broadcast Radio, Aug 10:1

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Spark Transmitters

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Spartan - Ad for early cone speaker, Feb85: 1

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HRR-3, A Spy-Catcher Radio, by Ed Lyon, Mar17:1 also see Tidbits on p. 8 of this issue, May17:8

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Secrets of the TV-2 Tube Tester, by C. Crowe, Jun19:1

Sylvania and the Sylvania News Newsletter, by B.

Belanger, Aug11:1

A Tester for Early Battery Set Vacuum Tubes, by G. Symonds, MAARC Monograph 2, mailed with March '91 issue

Testing Antique Vacuum Tubes Without an Antique Tester, Mar88: 8; see also additions/modifications to above article, May88: 13

Testing Tubes: Another Approach, Sep85: 6

Testing Tubes in Bulk, by L. Sibley, Aug93:10, Dec93:12

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Testing Type 26 Tubes on a TV-7 Tube Tester, by Paul Hart, Dec17:6

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Tube Tester Topics, by A. Douglas; Part 1, Sep95:1;

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Tube Tester Topics Part 1: Emission and Shorts, by

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The TV-7 Tube Tester, by J. Koester, June21:14

Vacuum Tube Leakage Tester, by A. Douglas, May95:8;

When Tube Testers Disagree, May98:10;

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Tetrodes: Not Quite Tetrodes, by E. Lyon, May00:7

That Radio Has HOW Many Tubes?, by E. Lyon, Jan00:10

The Triple-Twin and Dynamic Coupling, by E. Lyon, Jul08:1

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Tube Amplifier Distortion, by J. Reid, Sep94:1

Tube Collectors Association

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Tube Lore: 100-mA AC-DC Tubes, by L. Sibley, Jan96:1

Tube Lore: Identifying Metal Types, by L. Sibley, Jun 98:3 Tube Lore: Identifying Portable Radio Tubes, by L. Sibley,

Aug98:6
Tube Lore: Identifying Those Early '30s Types by L.

Sibley, Apr97:1

Tube Lore Supplemental Data, May01:11 Tube Lore: The Wunderlich Detector, by L. Sibley,

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US Vacuum Tube Manufacturing from the End of WWII to Cessation, by P. Hart, Apr23:5

Vacuum Tube Manufacturing Returns, by B. Belanger, Jul94:10

"Western Electric" Tubes: An Apparent Revival, by L. Sibley, May95:13

Western Electric Tubes Available Again, by L. Bassett, Jun95:5

What Price Radio Tubes?, by T. Hannah, May 97: 9

When Tubes Run Backwards, by E. Lyon, Jan21:9

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Radio Adventures of Victor - Hist. note, by Ed Lyon,

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Victor's Glorious Quartette: R-32, R-52, RE-45, and RE-75 by C. D. Houston, May00:11

Victor label on Radiola 17, Aug88: 12

Videotape Reviews

- Around the Dial: The Wonderful World of Vintage Radios (T. Hannah), Mar95:10

- A Century of Sound, 1947-1947 (T. Hannah), Mar95:10

Burkett, Bill, Collecting Early Transistor Radios (G. Schneider), Dec93:16

Smith, Norman, *Transistoradio: A Blast from the Past* (G. Schneider), Dec93:16

Vintage Radio and Communications Museum of

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Vintage Wireless Museum (W. Dulwich, England), Jan87: 4

VLF (very low frequency) radio

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Voice of America

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Voice of Music

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Volksempfanger (Nazi "People's radio"

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HRO versus HRO, by Ed Lyon, Sep13:1

Voxson

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Wadley Loop

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Walart Speaker Co. - Ad repro. for hanging spkr, Aug86: 1 Walker, David

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Walkie-Talkies

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Washington Post Radio

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Watsontown Table and Furniture Company

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WBAY (NYCity AT&T station)

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WBBM (Chicago station), Aug99:1

WBES (Washington, DC station)

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

WCAO (Baltimore station)

Baltimore Broadcast Radio and the Aeriola Era, by Dan Sohn, Feb09:1

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

WCAP (Washington, DC station)

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

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WDAF (Kansas City station)

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WDAR (Philadelphia)

A Postcard, a Photograph, and a Pin Back Button – Early Radio Souvenirs, by D. Sohn, Feb08:1

WDAY (Fargo, ND)

A Postcard, a Photograph, and a Pin Back Button – Early Radio Souvenirs, by D. Sohn, Feb08:1

WDM (Washington, DC station)

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

WDT (New York City station)

Baltimore Broadcast Radio and the Aeriola Era, by Dan Sohn, Feb09:1

WEAF (NYC AT&T station)

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Ma Bell to the Rescue, by E. Lyon, Sep06:9

WEAR (Baltimore, MD station)

75 Years of Broadcasting in Maryland, by Harry Shriver, May97: 1

Baltimore Broadcast Radio and the Aeriola Era, by Dan Sohn, Feb09:1

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

Followup to Radio and Presidential Politics, by B. Belanger, Oct92:9,

WEAS (Washington, DC station)

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

Websites

Antique Radio on the World Wide Web, by B. Belanger, Jun96:1; Follow up, Aug96:7

Websites - Feb98:10; Feb99: 15; Oct00:11, Aug11:14; Apr12:12; Apr13:14, Dec16:10

Webster-Chicago

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Webster Electric (Racine, WI)

Webster Electric of Racine. by G. Hunolt, Feb15:1

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RDR and the Magic-Tone Bottle Radio, by J. Okolowicz, Aug19:1

Weller, Carl

Carl Weller and the Soldering Gun, by B. Belanger, Feb92: 8 Wells-Gardner

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Wells Manufacturing Co.

Wells Manufacturing Co., by Greg Hunolt, Oct12:8

Wellston Radio Corp. - Ad for Aerial, May 94:16

WENR (Chicgo)

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H. Leslie Hoffman: The Entrepreneur of Hoffman Radio Corp., by Ron Wesenberg, Feb14: 11

Western Coil & Electrical Co.

The Voice of the Nation - Part 19, by E. Sanders, Aug94:16; Part 20, Jan95:14; Part 21, Mar95:8

Western Electric (See also AT&T)

Ad Reproduction - early cone speakers, Feb85:10 Collectable Aircraft Radios – Part 1, by E. Lyon, Jul05:9 CW-926 amplifier, Jul6:8

"German" Tubes by Western Electric, by L. Sibley, Mar97:12

One Man's Quest to Revive the Great American Vacuum Tube, May23:1

Superheterodynes - Radio Hist. Note, by Ed Lyon, Feb87: 4 Tidbit. History May23:9

The Western Electric 18-B Receiver, by D. Parks, Aug98:4 "Western Electric" Tubes: An Apparent Revival, by L. Sibley, May95:13

Western Electric Tubes Available Again, by L. Bassett, Jun95:5

Western Historic Radio Museum (Virginia City,

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<u>Western Radio Manufacturing Co.</u> - Ad Repro., Sep86: 13 <u>Westinghouse</u>

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Baltimore Broadcast Radio and the Aeriola Era, by Dan Sohn, Feb09:1

Birth of "The Radio Group" - Historical note, by Ed Lyon, Mar85: 3; Apr85: 3; May85; 4; Jun85: 4

A Mail-Oder Classic: The Westinghouse Aeriola Senior Regenerative Receiver, by S. Statts, Jan99:6

Models H-125, H-126 refrigerator radio

Service notes, Dec86: 12

Models WR-8 and WR-8-R service note reprints available, Mar87: 14

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More on Early Electronic Television Receivers, by L. Sibley, May96:1

Out of the Darkness and Into the Light (Aeriola Sr. restoration), Dec15:7

Televisions at the NY World's Fair, Nov95:1

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What's Going On Here? (Model H-190), by T. Hannah, Dec01:5

Westinghouse Model Numbers, Aug10:10

Westinghouse WR-8, by R. Minasian, Sep21:11

Wexler, Ira

(Book Review) Anderson, Betty Baxter, Four Girls and a Radio, Aug14:11

My First Radio Restoration: A Segue Into a

Great Hobby, Dec14:6

My Second Restoration (And a Circuit

Modification), Feb15:8

The RCA Dynamic Demonstrators—Part 1, Dec15:1

Television Repair in a Dragnet Episode, Jun15:1

Tidbits, May16:8

WFBR (Baltimore, MD station)

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Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

WFGW - Aug02: 14

WGAR (Cleveland)

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WGN (Chicago radio station)

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The Coon-Sanders Nighthawks: A Dance Band Shaped by

Radio, by B. Belanger, Feb00:1

Wheeler, Harold A.

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Hazeltine: The Professor, by H. Wheeler, Jun00:7. Aug00:1; Oct00:1

Whitener, Charles

One Man's Quest to Revive the Great American Vacuum Tube, May23:1

Wholesale Radio Service - See Lafayette

Wiepert, Tina and Bob

A Find for All to Enjoy, Jul93:8

WIL (Washington, DC station)

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

Wilcox-Gay

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Williams, Larry

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Williamson Amplifiers

Audio Under Glass-5, by E. Lyon, Mar07:8, Jan08:9

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Power FET Replacements for Antique Radio Tubes,

Apr92: 1; Update to previous article, Aug92:1

Wilson, Jim

A Personal Thank You Note to MAARC Members, Feb19:12 Jim Wilson's Sorber Cathedral Set, by Ed Lyon, Mar17:10 Jim Wilson Update, by Joe Koester, Jun19:13

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Winther-Kenosha

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Early Wireless and Early Aviation, by D. Sohn, Jun07:1

Early Wireless and L'Affaire des Poudres, by D.

Sohn, Feb12:11

Early Wireless and the Gibson Girl, by D. Sohn, Dec07:1

The Early Wireless Enthusiast, by D. Sohn, Oct07:1

Early Wireless on the Old Dominion Line, by

D. Sohn, Apr07:1

The First Wireless Telephone, by Domi Sanchez, Oct16:9

William Dubilier: Wireless Pioneer and His Companies,

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Wireless Broadcasters - See Phono Oscillators

Wireless Set No. 19

Wireless Set 19 Goes Down to the Sea, by E. Lyon, Jan19:13 The Wireless Set No. 19, by Chris Bisaillion, Oct91: 3

Wire Recorders

Wire Recorders, by B. Belanger, Dec05:10

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Wirt

The Wirt A.C. Voltage Regulator, by B. Belanger, Dec20:14 Follow-up, Dec21:15

Wirthmore - Ad reproduction - radio cabinets, Sep86: 7

WJAS (Pittsburgh, PA)

The Target: WJAS, by E. Lyon, May02: 11

WJDM (Elizabeth, NJ, station), May96:4

WJEJ (Hagerstown, MD)

Another Photograph and More Postcards: Early Broadcast Souvenirs, by D. Sohn, Jun08:9

WJH (Washington, DC station)

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

WJSV (Washington, DC, station) Became WTOP, Jan93: 6 WKAV (Laconia, NH)

A Postcard, a Photograph, and a Pin Back Button – Early Radio Souvenirs, by D. Sohn, Feb08:1

WKC (Baltimore, MD station)

Baltimore Broadcast Radio and the Aeriola Era, by

Dan Sohn, Feb09:1

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

W-K Electric

An Orioles' Double-Play—Armstrong-to-Miller-to-Winther, by E. Lyon and Joe Sousa, Jan14:1,

Follow-up - May14:12

W-K Electric, by G. Hunolt, Oct10:1; Comment: Nov10:11

WMAL (Washington, DC station)

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

WMH (Cincinnati station)

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WMMB (Melbourne, FL)

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WMU (Washington, DC station)

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WNAY (Baltimore station)

Baltimore Broadcast Radio and the Aeriola Era, by Dan Sohn, Feb09:1

Women in Radio

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Early Wireless and the Gibson Girl, by D. Sohn, Dec07:1

The Influence of Women in Radio & TV, by

D. Sanchez, Feb23:1

Woodward and Lothrop

Woodies—Washington's Radio Store for 1922, Sep09:9

Word search quiz, Nov85: 6

WORK (York, PA)

Another Photograph and More Postcards: Early Broadcast Souvenirs, by D. Sohn, Jun08:9

Workrite

Ad Reproductions:

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Walker Multi-Unit, May04: 6 and May15: 14

World Radio Laboratories

Ad reproductions:

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Globe Scout 680, Aug 10:15

World War I - See also Wireless, Early

Aircraft Radios in World War One, by E. Lyon, Jan13:7

Aircraft Radios in the First World War,

by Ed Lyon, May17:1

Radio In Time of War, by E. Lyon, Part 1, Jul20:7

World War II - See also articles under tube listings for M-R tubes, listings for radar, spying, etc.

Almost Too Good to Be True, by A. Douglas, (comments on difficulty of production early in WWII), Sep96:10

An' a One, an' a Two...by E. Lyon, Nov03: 13

Beams, Enigma, and the Coventry Myth, by R. Thomas, Jan01:9

El Alamein - Before and After, by E. Lyon, Nov99:5; follow-up, Jan00:4

General Radio's Prize Receiver, P540, by E. Lyon, Nov14:8

Getting Hyper Over Radio Beams, by Ed Lyon, Nov16:1

Getting Used to Increasing Noise Levels, by E.

Lyon, May19:13; Part 2, Jul19:5 HRO versus HRO, by Ed Lyon, Sep13:1

The Migration to VHF, by E. Lyon, Mar13:8

Naval Air and Radio—Part 1, Jan16:1

A Parasitic Radar in World War 2 - Part 1, by

E. Lyon, Sep12:1, Part 2, Nov12:8

People's Radio (Volksempfanger), Nov14:13

Philco's World War II Cartoons, by J. Okolowicz, Apr10:1

Playing Radio Games by E. Lyon, Sep19:1

The Proximity Fuse Program, by E. Lyon, Mar01:1

Radio and the Fall of the Third Republic, by E. Lyon, Sep99:1

Radio Dealers and Service Shops During World War II, by B. Belanger, Dec03: 1; follow-up, Feb04: 17

Radio In Time of War, Part 2, by E. Lyon, Sep20:5

Radio Servicing During World War Two, by B. McCalley, Dec00:12

Radio Signals—Some Are Trustworthy—Others Lie, by Ed Lyon, Sep16:10

Rationing in the War, by E. Lyon, Jul04: 14, Nov04: 9

Restrictions on servicing, Nov03: 10

Sharing the Blame: British Radios That Left American

Fingerprints, by E. Lyon, Sep14:10

Those Thousands of Little Inventors, by E. Lyon, Nov00:1

Tidbit (censorship), May06:10

Tidbit (Doolittle raid, balloon bombs

Tidbit (servicing during the War), Jan10:10

Tuning In During the War, by E. Lyon, Sep00:1

Two Radio Problems—Two Outcomes, by Ed Lyon, Jul16:11

Walkie - Talkies, and Then Some...,Jul2:1

A World War II Japanese Navy Type 609 Wavemeter Receiver, by E. Lyon, Sep03: 1

Spahr, Lisa, World War II Radio Heroes-Letters of

Compassion (Book review by P. Farmer), Sep08, p. 13

World Wide Web - See Websites

Worthington, Everett

Industrial Designer Everett Worthington (1891-1938), by John Okolowicz, Dec18:1

WPM (Washington, DC station)

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

WQXR (New York City station)

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WRC (Washington, DC, radio station)

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The Voice of the Capital, August 1, 1923 (reproduction of

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WRHF (Washington, DC station)

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

WSAI (Cincinnati, OH) - plays old time programs), Mar95:5

WSM (Nashville, TN, radio station)

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WSRS (Cleveland, OH)

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WTOP (Washington, DC, radio station)

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Wunderlich Tubes

... Analysis of Wunderlich Tubes by J. Sousa, Jan22:9

Co-Planar Grids—RCA Wunders About Them, Nov15:7

Tidbit on the Wunderlich tube, Jan99: 9, Sep05:11, Jul08:10

Wunderlich's B Tube, by E. Lyon, Jan00:1

The Wunderlich Detector, by L. Sibley, May 97: 11

The Wunderlich Tube, by R. Fabris, Oct90: 7

Wunderlich Tube Characteristics, by E. Lyon and

J. Sousa, Sep11:9 Wunderlich Tube Replacement, by J. Forbes, Jun90: 15

Wunderlich Tube Replacement & Fusing, by C.

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WWV (Time signal station)

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Yahr & Lange

The Super-Ball Antenna Company—Part 1, by G.

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Yardley, Herbert

Bletchley Park West--Yardley's Black Chamber, By E. Lyon, Mar02: 6

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Local Reach of the Manhattan Project, by E. Lyon, Mar23:10

Young, Owen

Radio in the Great Depression, by E. Lyon, Nov24:1

Young, Richard

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Young, Tony

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Zandonini, Elizabeth

Woodies-Washington's Radio Store for 1922, Sep09:9

Zenith

Adding FM to your Zenith Receiver, by J. Goller, Aug24: 5 Ad reproductions:

Chicago Radio Lab. "Z-nith" regenerator, Mar88: 20

Model 12-S-232 (photo only), Feb88: 10

Model 75, Oct89: 19

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Trans-Oceanic, May86: 9: Mar89: 4, 6

"Zenette" model (1949), May86: 8; Jul86: 2

A Tale of Two Radios, by J. Koester, Oct20:9 1204 chassis oscillation: Tidbits Jan19:8

Bakelite chassis - Restoring a Zenith Bakelite Chassis

Radio, by T. Hannah, Sep91: 4 (part I); Jun92: 15 (part II)

Broadcasting and Snake Oil, by E. Lyon, May04: 12

The Coca Cola Cooler Radio: Who Made It?, by T. Hannah, Jun03: 10

Control dial replacements, by Joe Koester, Zenith Control Dials, Oct 23, p6

Fixing Up Zeniths--Chassis Work 1, by E. Lyon, Mar04: 12 Fixing Up Zenith (and other) Radios, by E. Lyon, May04: 7 Ham receiver, Feb99: 16

History - complete 29-page corporate history from 1919 to the 1950s - MAARC Reprint #1, Supplement to July 1986 issue--contact MAARC's membership chair for availability

How To Service a Zenith Shutter Dial Radio, by J. Goller, Feb13:8

Identifying Zenith Radios, by J. Koester, Jan89: 14

Model 5S127 repair, by Geoff Shearer, Mar16:14

Model 6D425 - restoration, by T. Hannah, Sep91: 4

Model 6P457 - restoration, by T. Hannah, Jun92: 15

Moel 7G605 – history by Ed Lyon, Sep17:1

Model 8C20 - Chassis Repair, by J. Forbes, Jan90: 8; servicing, by E. Lyon, Nov04: 6

Model 10H571, troubleshooting, by T. Hannah, Dec99:11

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Disassembling and Repairing a Classic: The Zenith Trans-Oceanic, by T. Hannah, May93:8

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Removing Years of Wear from Your Trans-Oceanic, by B. Haworth, Jun96:6

Repairing the First Trans-Oceanic, by T. Hannah, Dec95:5; follow-up by H. Gross, Jan96:5

Repairing Trans-Oceanics, by E. Lyon, May04: 7

Restoring the Later Trans-Oceanics, by L.Sibley, May95:9; follow up by Bryant/Cones, Aug95:15

Restoring a Zenith 3000-1, by P. Hyman, Aug01:13

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An Unusual Zenith Cathedral, by J. Koester, Nov90: 8

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