



**Cumulative Index
to MAARC Newsletters
and MAARC's
Radio Age**

August 2025 Edition

Note: This index is also available on-line on MAARC's Website:

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

Complete Through August 2025

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 August 2025.

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, not 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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- 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
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- Krauter, David, *British Radio and Television Pioneers* (B. Belanger), Oct93:7
- Krauter, David, *Index to Radio and Electronics Patents*, (B. Belanger), Jan96:5
- Krauter, 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
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- 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
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- Richelson, Jeffrey, *Wizards of Langley* (Ed Lyon), May09:10
- Romney, E., *Fixing Up Nice Old Radios* (T. Hannah), Jul90: 5
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- 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.:
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- Williams, Ralph, & Wolkonowicz, John, *A. Arwater Kent: The Man, the Manufacturer and His Radio* (B. Belanger), Aug03:7
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- Yanczer, Peter, *The Mechanics of Television* (F. Kohl), Apr88: 7
- Zimmerman, Arthur, *In the Shadow of the Shield* (E. Lyon), Sep98:12
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Antique Radio Magazine (B. Belanger), Mar97:10
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Husfloen, K., *Antique Trader Radio and Television Price Guide* (B. Goodwin), Feb06:11

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

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David Grimes and His Inverse Duplex, by B. Belanger,

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A Century of Sound, 1847-1947 (Video), Mar95:10
Fixing Up Nice Old Radios, by E. Romney, Jul90: 5
Guide to Old Radios: Pointers, Pictures, and Prices,
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Antique Electronic Supply 1988 Catalog, Dec87: 6
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The Furniture Doctor, by George Grotz, Oct86: 3
The Mechanics of Television, by Peter Yanczer, Apr88: 7
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- Pioneer in Plastics in Radio, by E. Lyon, Sep05:14
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- Some Thoughts on Those Aged and Crumbling Parts, by D. Houston, Jan94:6
- Surprising Fun with a Broken Radio: Repairing Cabinets and Reproducing Labels, by B. Goodwin, Dec07:8
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- Early and Late Rarities in Catalin, by E. Lyon, Jul04: 8
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- Prosize, Michael**
- 1928 - Birth of the Philco Radio, Monograph No. 3, Jan. 1993 (mailed with February 1993 issue)
- Philco Blue Book's Chapter Two (Interview with Michael Prosize), Jun17:10
- Proximity Fuse**
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- The Proximity Fused--The Other Side, by E. Lyon, Jan02: 6
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- American Airborne Radar in World War II, by E. Lyon, Sep95:6
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- Radio Broadcast News** (magazine), Jan06:12
- Radio Club of America**
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- Radio Equipment Co. (Baltimore)**
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- Radio Era Archives**, Product Review, CD-ROM, Feb99: 14
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Radio Retailing Magazine

Radio Retailing and the Radio Blue Book, by
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RCA (Radio Corporation of America) and RCA Victor

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The Radio World of Bill and Joe – 2, by W. Lindensch, Nov06:8

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Repairing Nichrome resistors, by T. Hannah, Dec88: 7

Repairing wirewounds, by J. Cohen, Mar86: 6

Resistors-So Simple Nowadays, by E. Lyon, Mar99:5

Symbols used by Stromberg-Carlson and Zenith, Aug88: 13

Voltage divider part data, Jun89: 15

Restoration Tips (*Check specific component categories such as speakers, transformers, capacitors, refinishing, veneer, etc., as well. Also, tips for particular models will be listed under that manufacturer -- e.g., a note on restoring an AK 60 would be found under Atwater Kent.*)

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Rider Volume Zero?, by E. Lyon, Jul98:1

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Satellite Communications
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Scanning Disc Television
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Product Review, BPS Inc. Antique Radio Encyclopedia on CD-ROM, Dec98:10

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Book Review - *Historic Televisions and Video Recorders*, by M. Bennett-Levy, Aug93:13
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Videotape Review, *Collecting Early Transistor Radios* by B. Burkett, and, *Transistoradio* by N. Smith, Dec93:16

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Book Review - *E. H. Scott, The Dean of DX*, by Hobbs, Apr86: 5
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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
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Silver vs. Chrome, by J. Koester, Aug01:1 and Oct01:1

Scott Field Radio School
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Scott, H.H.
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Searle
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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 series), Nov86: 5; Dec86: 4. See also Spying.
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 Model 72ATR 1930s Button Cell Batteries, by Eric Stenberg, Apr20:9
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 Radio Servicing Rules of Thumb, by F. Lipieko, May96:12
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Service Instruments, Inc.
 VTVM History, The Rider VoltOhm, by O. Parker, Feb94:8
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 Radio Servicing During World War Two, by B. McCalley, Dec00:12
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 Book Reviews:
The AWA Review, Vol. 16, Feb04: 15
The Complete Price Guide to Antique Radios: Pre-War Consoles, Aug00:5
The Complete Price Guide to Antique Radios: The Sears Silvertone Catalogs 1930-1942, Jun01:15
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 Short Waves - Radio Historical Notes, by E. Lyon, Jul87: 13; Aug87: 3; Sep87: 3.
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 Shortwave Radio – For International Leisure, Learning, and Liberty, by E. Lyon, Mar19:1
 SWL - Ears to the World, by T. Betzer, Jul91: 4
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- Diagnosis For Ac/dc Radios, Aug92: 13, submitted by S. Rosenstein, source correction noted, Sep92: 5
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- Part 2, Apr90: 1
- Wartime Television, by E. Lyon, Nov01:1
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- Signal generators**
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 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
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WFBR (Baltimore, MD station)
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 Early Broadcasting in the Washington-Baltimore Corridor,
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WGAR (Cleveland)
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WGN (Chicago radio station)
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 The Coon-Sanders Nighthawks: A Dance Band Shaped by
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Wheeler, Harold A.
 Harold A. Wheeler, Inventor of AVC, Oct98:12
 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
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WIL (Washington, DC station)
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Wilcox-Gay
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 Thoughts On Collecting Early Superheterodyne Receivers,
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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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 Line voltage reduction, Dec11:14
 Power FET Replacements for Antique Radio Tubes,
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Wilson, Jim
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 Jim Wilson’s Sorber Cathedral Set, by Ed Lyon, Mar17:10
 Jim Wilson Update, by Joe Koester, Jun19:13
Winterfest
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Winther-Kenosha
 The Winther Brothers’ Warwick Radio – on a Roll,
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 Color codes for wires, Jul92: 3
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Wireless, Early
 Early Wireless and Disaster at Sea, by D. Sohn, Oct08, p. 1
 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,
 by B. Belanger, Apr14: 7
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 Bisailion, Oct91: 3
Wire Recorders
 Wire Recorders, by B. Belanger, Dec05:10
 Remembering Magnetic Recording and Radio, Nov19:1
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 The Wirt A.C. Voltage Regulator, by B. Belanger, Dec20:14

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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)
Remembrances of a Summer at WMMB and Jack Kilby, by M. Moss, Oct22:8

WMU (Washington, DC station)
Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6; follow-up, Mar04: 10

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:
Concertola, Jr. Speaker, Aug90: 12
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Walker Multi-Unit, May04: 6 and May15: 14

World Radio Laboratories
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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;
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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
Infantry communication, By Ed Lyon, May25:1
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 (Volksempfänger), 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
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Sharing the Blame: British Radios That Left American Fingerprints, by E. Lyon, Sep14:10
Solving Technology Shortfalls, by E. Lyon, Jan25, p1
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)
John V. L. Hogan, High-Fidelity Broadcasting Pioneer, by B. Belanger, Apr16:9
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WRC (Washington, DC, radio station)

1923 Ad reproduction, May88: 28
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Tidbit, Apr05: 10
The Voice of the Capital, August 1, 1923 (reproduction of
old brochure), Apr93:5

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)

When Rails Met Radio, by R. Thomas, Oct95:15

WSRS (Cleveland, OH)

Programs of Record, by E. Lyon, Jul09:7

WTOP (Washington, DC, radio station)

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Wunderlich Tubes

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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
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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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Bletchley Park West--Yardley's Black Chamber,
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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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Woodies—Washington's Radio Store for 1922, Sep09:9

Zenith

Adding FM to your Zenith Receiver, by J. Goller, Aug24: 5
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Chicago Radio Lab. "Z-nith" regenerator, Mar88: 20
Model 12-S-232 (photo only), Feb88: 10
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"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
Model 10S153, restoration and troubleshooting, May96:5
Model 12U158 restoration, Feb18:1
Model 15U269 console description, May04: 9
Model Royal D 7000, Apr03: 11
Model Z434W, A Hot-Chassis Radio Deja Vu All
Over Again, by E. Lyon, Sep14:1
More Zenith Radios Not Made by Zenith, by T. Hannah,
Jul90:8
Put a Little Spring in Your Zenith, by J. Koester, (dial
glass retaining spring in 1937 models), Jul94:12
Putting the Fix on a Zenith Royal D 7000, by P. Hyman,
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Radiorgan (control buttons) - Curse the Commander, by
J. Koester, Dec93:7
Rauland, Zenith, and Tubes, by L. Sibley, Oct04: 1
Replacing 6A8G with 6A8 metal or GT in Zenith sets,
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Replacements available for pot metal "steering wheel" band-
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Restoring a Zenith 12-S-265, by B. Belanger, Jun10:9,
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Restoring a Zenith 3000-1, by P. Hyman, Aug01:13
Schematics not available from Zenith for older models,
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Stratosphere, July24:8
Symbols used for resistance values on older schematics,
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Trans-Oceanics
A Short History, by T. Hannah, Mar89: 3
Alignment tip, Aug87: 7
Book Review: The Zenith Trans-Oceanic - The
Royalty of Radios, May95:7
The Continuing Saga of the Zenith Transistorized

Trans-Oceanics, by P. Hyman, Oct.01:10
 Dial lights available, Feb07:14
 Disassembling and Repairing a Classic: The Zenith
 Trans-Oceanic, by T. Hannah, May93:8
 The Great Trans-Oceanic Collection Auction, May04: 1
 Keeping up Morale in the Services, by Ed Lyon, Sep17:1
 Models & production Nov88: 13
 More on Zenith Trans-Oceanic, May89: 6; Jun89: 12
 Putting the Fix on a Zenith Royal D 7000, by P. Hyman,
 Apr03: 11
 The Radio Professors' Book Due, Feb95:8 (article
 (includes chart on identifying Trans-Oceanics)
 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
 Revenge of the Radio Bar, by Joe Koester, Feb18:1
 An Unusual Zenith Cathedral, by J. Koester, Nov90: 8
 Volume controls with tone taps, by Ed Lyon, Nov17:9
 Walton Radios and the Stratosphere cat by
 Joe Koester, Oct24, p.14
 Who Really Made My Zenith Radio?, by T. Hannah,
 Feb90: 14
 The Zenith 1000Z Stratosphere Console, (Part 1) by M.
 Blankenship, Aug23:1; Tidbit, Sep23:13
 The Zenith 1000Z Stratosphere Console, (Part 2), by M.
 Blankenship, Dec23:1
 Zenith and Other Time Bombs, by W. Werzner, Dec18:9
 Zenith Paint (restoration tip) by Joe Koester, Feb24:10
 Zenith's Cathedral - The Zenette, by E. Lyon, Nov98:12
Zentola - Zenith Automotive Mfg. Co.
 (Ad reproduction),Aug86:7
Zimmermann, T. David
 GE Superadios, Yesterday and Today, Mar04: 1
Zvezda
 Zvezda-54, by Rod Matzko, Oct18:1
Zworvkin, Vladimir
 A Link Between Articles by Two of our Authors,
 By L. Greenough, Feb02: 12
 More on Early Electronic Television, by L. Sibley, May96:1
 New book available, Apr97:19
 Parallel Universes of Radio Development, by
 E. Lyon, Jul03:5