



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

October 2025 Edition

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 October 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 October 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.

3-D Printing

3-D Printing (meeting report), Oct15:9
Kolster 3D Printed Parts, by R. Lozier, Jun19:10

8XE (Penn State Radio Station)

Penn State and Radio, by E. Lyon and M.
Strausburger, Sep96:11

Abbott and Costello

The Day Lou Costello Cried on Radio, by Martin
Grams, Oct17:9

Abox Company - battery eliminator, Jun86: 2,7

AC/DC Radios

The All-American Five, by E. Lyon, Nov85: 2
The All-American, er, Four, by L. Sibley, Apr98:1
Capacitors replacing line cord resistors, Sep17:12
Diagnosis for ac/dc receivers, by L. Sibley, submitted by S.

Rosenstein, Aug92: 13, correction noted in Sep92: 5

First ac-dc radio, Jan03: 10

A Hot-Chassis Radio Deja Vu All Over Again,
by E. Lyon, Sep14:1

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

Making AC-DC Radios Safe, by E. Lyon, Mar98:1

More on Safety in AC-DC Radios, by E. Lyon, May98:13

The Mystery of the Radio Signals, by J. Lowe, Apr00:4

The Odd Couple—Hot Chassis Radios and GFCL, Jan16:7

AC-Operated Radios

The Dynergy Receiver—Just Plug It In, by B.

Belanger, Oct12:1

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

ACF Electronics

Getting Half a Start in Tape Recording, by E. Lyon, Jan04: 1

A Lucite Radio Made with Tinkertoys, by E. Lyon, Nov93:1
Tinkertoy pictures, Sep14:8

Ackerman Bros.

Ad Reproduction - Model A horn speaker, May88: 20

Ace Radios – See Precision Equipment Co.

Acme

Ad Reproductions:

Early cone speakers, Feb85:10; Jun94:11

Double cone speaker, Jul85:7, Aug94:9

Transformers, types A-2 and R, Aug92:20

Breadboard model, Jan98:8

Adams-Morgan Co. ("Paragon")

Ad Reproductions:

RA-10, Jul88: 20

RD-5/A-2, Aug92: 14

Adams, Robert J.

Robert J. Adams Legacy Radios, by D. Parks, Mar03: 1

Adcock Antennas

Direction Finding, Mar22:11

Addison

Florence Remembers the Addison Assembly Line,

by S. Martin, Aug00:7

Adler, Robert

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

Admiral

Ad Reproductions:

Models 5F11 and 5R12

The Admiral Amalgam, by E. Lyon, Sept24: 12

Admiral Corporation Circa 1950, by J. Okolowicz, Dec22:6

The Admiral Story, by J. Aulik, Apr02: 1

Advance Electric Co.

Ad Reproduction - Falck Claroceptor, Jul89: 11; Jan90: 12

Advertising

Sex Goddesses, Pin-Up Girls, and Radio Ads,

by John Okolowicz, Aug17:1

Aerial Insulator Co.

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

Hunolt, Jun11:8

Aeriola - See Westinghouse

Aeronautical Radio (see also Aircraft Radio)

A Century of Aeronautical Radio, by E. Lyon, Sep10:1

Follow-up, Nov10:9

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

Aero Products

Ad Reproduction, Sep98:15

Aircraft Radio Corporation

The Birth of Modern Avionics in New Jersey, by

Ray Chase, May16:1

Marker Beacon Receiver. May25:8

Aircraft Radios (See also Aeronautical radio)

Aircraft Radios in the First World War,

by Ed Lyon, May17:1

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

Collectable Aircraft Radios – Part 1, by E. Lyon, Jul05:9

Part 2, Sep05:1, Part 3, Nov05:1

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

The Birth of Modern Avionics in New Jersey, by

Ray Chase, May16:1

The Blind Landing Caper, by Ed Lyon, May16:7

Airgap Products Co.

Ad Reproduction - tube socket, Nov87: 11

Air King

Model 1400, Sep19:8

Restoring an Air King 4608A, by J. Sousa, Jul10:7

Tidbit, May21:11

Airline

Manufacturers' codes for Airline radios, Sep86: 14

Model 94BR-1552 repairs, Sep00:7

Movie dial models, Oct10:14

Restoring an Airline Model 62-280, a Guilt Trip,

by B. Belanger, Oct98:1

Air Master

[Model 20A78-AM] 1930s Button Cell Batteries, by

Eric Stenberg, Apr20:9

Air Service Tubes

Tidbit, Sep11:11

Aldene Radio & Manufacturing Co.

Micr-O-Phone: The Aldene Radio & Mfr. Co., by

B. Belanger, Jun07:9

Alexanderson, Ernst

"A Queen's Messenger, by D. Sohn, Dec13:1

Radio Historical Note, by E. Lyon -alternators, Oct86: 4

Who's On First? – or – How Navy Radio Covered Its

Bets, by E. Lyon, Jan15:1

Algonquin Electric Co.

Ad Reproduction - remote control, May87: 6

Alignment

AM Alignment for Radio Receivers, by D. Sanchez, Jun19:8

FM Alignment by E. Lyon, May22:11

Philco Alignment Tool, by J. Okolowicz, Feb92: 10

Alkire – See Wells Mfr. Co.

All-American

Ad Reproductions:

Model R radio, Jan85:10; Nov93:12

Loel cabinet cone speaker, Feb85: 1

All-American Four Radios

...All-American Four Variants, by E. Lyon, May24:10

Allen-Bradley Co.

Ad reproductions

Bradley Audio Amplifier, Dec87: 7; "Bradleystat,"

"Bradleyleak," etc., Nov85: 8; "Bradleyometer," Dec87: 4

The Bradley-Amplifier, by B. Chidester, Dec95:1,

Erratum, Jan96:5

Alley, Gary

Collector Profile: Gary Alley, Oct03: 8

Alliance

Motor problems in Alliance antenna rotators, Dec08:14

Allied Radio

Ad Reproduction: "Space Spanner" Knight kit, Feb11:7

Distortion in a Knight Console, by Brian Belanger, Apr17:13

Altec

TV Sets Branded Altec and DeForest, by L. Sibley, Dec21:11

Altig, Richard

Memorable Magnetic Tape Memories,

By Ed Lyon and Richard Altig, May18:1

More on Reforming Electrolytic Capacitors, Mar98:19

Taking the High Road: Upconverting in Superheterodynes,

by Ed Lyon and Richard Altig, Mar18:11

A Tube-type Phono Oscillator, Jun91: 16

AM Radio

Changing Sound of AM Broadcasting, by T. Hannah,

May88:21

Sarkes Tarzian and His HiFAM Experiment, by A. Mitz,

Jul04: 1

- Why the AM Band is Where It Is, by G. Symonds, Jul90: 9
- Amador, Jorge**
E. Armstrong: Genius of FM Radio (Part 1), Nov90: 6;
(Part 2), Dec90: 1
- Amateur Radio**
1ZP—Banished Young Radio Pioneer, by E. Lyon, May12:1
The Amateur Radio Reserve – Feb11:14
Amateur Radio—What Was it Like in the 1930s,
by J. Headrick, May10:7
- Ambassador**
Cathedral radio service tip, May90: 8
- Amberoids (insulators)**, Mar01:16
- American Bell**
Ad Reproduction - Headphones, Dec84:10
- American Electric Company - See Burns**
- American Foundation for the Blind**
"Talking Book" radios, May87: 14
- American Museum of Radio**
Antique Radio and Television Museums,
by B. Belanger, Apr04: 1
- American Telephone and Telegraph - See AT&T and Western Electric**
- American Telegraph Company**
Getting Half a Start in Tape Recording, by E. Lyon, Jan04: 1
- American Transformer Co.**
Ad reproduction, Mar87: 16
- American Wholesale Corp.**
The Dixie Five: A "Baltimore" Radio, by S.
Hansman, Jun11:1
- Amertran - See American Transformer Co.**
- Amglo**
Tidbit on glow tubes, Jul03: 10
- Amperite**
Ad reproductions
Ballast replacement, Apr15:1
Voltage regulators, Oct93:20; Sep95:16, Jun02: 13
- Ampex**
Getting Half a Start in Tape Recording, by E. Lyon, Jan04: 1
- Amplion**
Ad Reproductions:
"Dragon" horn speaker, Jan85: 8
Model AC 12 cone speaker, Aug91: 19
- Amplitude modulation - See AM Radio**
- Amrad**
The Amrad Buildings and I, by L. Greenough, Jun03:6
Raytheon's Contributions to Radio and TV,
by B. Belanger, Jun02: 1
- Anchor Line Ships**
Early Wireless and Miss Winslow, Apr09:15
- Anderson, John**
Goodbye Baynesville Electronics, John Anderson, Apr17:14
- Anderson, Walter**
AM-FM Mystery, Sep04: 7
- Andrea Radio – See Also Fada**
Frank A. D. Andrea: An Immigrant's Tale of Success With A
Long Island Connection, by Paul Litwinovich, Dec17:9
Repairing a "British" Radio Made on Long Island,
by E. Lyon, Jul14:10
- Antennas**
Aerials Are Unnecessary? Dec20:13
Antenna for broadcast reception, Dec85: 7
- Cross field antennas, May04: 12
The First Antenna, May95:6
Logarithmically Periodic Antenna Arrays, by
E. Lyon, Mar21:9
Loop antennas, Mar22:11
Planter/antenna patent, Apr95:18
The PTI Active Antenna (product review), Jan92: 6
Quirky Radio Antennas in Disguise, by J.
Okolowicz, Dec19:1
Radio Components--Antennas (Radio Historical Note),
by E. Lyon, Jun89: 3
Radio Shack AM loop antenna, Apr03: 12
A Resonant Open-Loop Antenna, by D. Satorius, Dec19:10
Small Antennas, by E. Lyon, May03: 7
Supplemental antenna for BC reception, Oct00:12
Using the Palomar Loop Antenna with Old Radios,
by E. Romney, Sep91: 8
Underground antennas & James Rogers, Oct92: 1
The Very First Antenna or Aerial, by E. Lyon, Sep04: 13
The World's Largest Shortwave Antenna?, by
E. Lyon, Jul07:9
- Antique Electronic Supply (AES)**
AES Wireless Transmitter Kit No. K-488, by C.
Palmer, Dec01:3
Construction of AES's Battery Eliminator Kit: Another Look,
by T. Hannah, Jun01:4; follow-up by A. Mitz, Oct01:9
Improving the AES Wireless Oscillator, by L. Greenough,
Apr01:10
Product Report, The AES Model K-101A Battery Eliminator
Kit, by J. Lowe, Jun01:1
- Antique Radio Magazine**
Book Review by Robert Lozier, Mar97:10
- Antique Wireless Association**
Book Reviews:
--- *AWA Review, Vol. 1* (F. Kohl), Jul87: 4
--- *AWA Review, Vol. 6* (B. Belanger), Oct91: 13
--- *AWA Review, Vol 16* (G. Shearer), Feb04: 15
AWA Electronic Communications Museum
Antique Radio and Television Museums, by B.
Belanger, Apr04: 1
- Apex**
Ad reproduction: Audiotron tube, Feb98:3
The Plymouth Radio and Phonograph Co., by G.
Hunolt, Dec10:1
- APL: See Johns Hopkins Applied Physics Laboratory**
- Approved Electronic Instrument Co.**
A Baby-Boom Signal Generator, by A. Douglas, (Model
A-200) Mar96:4
- Armed Forces Radio and Television Service**
Brass Button Broadcasters (book review by B.
Mast), Jul92:5
- Arborphone**
Arborphone, Cavac, and International Radio (Kadette),
by B. Belanger, Oct03: 1; follow-up, Dec03: 14
- Arc Aerial**
The Super-Ball Antenna Company, by G.
Hunolt, Part 2: Aug11:9
- ARC Electronics**
AP-1 Car Record Player, by Charles Drake, Apr25:1
- Arc transmitters**
The Arc Converter, by J. O'Neal, Oct20:1
The Mechanical View of Electronics, by E. Lyon, Jan21:1

- Tidbit on Poulsen arc xmtr. in Lyngby, Denmark, Oct94:20
Tom Swift and his Electric Hydrogen Bomb, by E. Lyon,
Mar05: 1
- Arcturus Tubes**
...Analysis of Wunderlich Tubes by J. Sousa, Jan22:9
- Archer, Gleason**
To Tell the Truth or Will the Real History of Radio Please
Stand Up?, by E. Lyon, Jan01:1; Follow-up, Mar01:10
- Armstrong, E.H.**
An Orioles' Double-Play—Armstrong-To-Miller-To-Winther,
by E. Lyon and J. Sousa, Jan14:1
Armstrong's Pinnacle, by E. Lyon, Jan86:3
E. H. Armstrong—Inventor of Digital Radio, by
Joe Sousa and E. Lyon, May10:1
Frequency Modulation: An Appreciation, by L. Sibley,
Feb04: 1
Genius of FM Radio, by J. Amador, Nov90: 6; Dec90: 1
The Legacies of Edwin Howard Armstrong (book review),
Apr91: 5
Major Armstrong: An "Eimac Man", by L. Sibley, Apr09:1
The "Other" FM Radios, by E. Lyon, May12:11
Patent lawyer Dana Raymond dies, Oct03: 14
The Radio Group, by E. Lyon, Jun85: 4
Simplification and Innovation: Making FM Radios
Affordable, by E. Lyon, May05: 6
The Struggle for FM, by E. Lyon, Jan05: 1
Superheterodynes - Radio Historical Note, by E. Lyon,
Jan87: 8; Feb87: 4
Superheterodynes—The French Connection,
by E. Lyon, Jul13:12
Superregeneration, by E. Lyon, Jul12:1
- Army**
It's Army vs. Navy on Inauguration Day, March 4, 1929,
by D. Sohn, Jun13:1
- Army Signal Corps - See Signal Corps**
- Art and artists in radio ads**
Radio Art, by J. Okolowicz, Feb97:1
- Art Deco**
Art Deco and Radios, by G. Schneider, Aug91: 14; Feb92: 12
Art Deco and the Machine Age in Radio, by E. Lyon,
Jan14:11
Rounding Out My Collection by R. Schmitz, Dec24:1
- Arvin**
Arvin 402: The Powertone-Disney Link, by Bill Godwin,
with Dan Howard, Jun2012, p. 5
The Arvin Story, by B. Belanger, Apr08:1
Hopalong Cassidy - Foiled Again, by B. Belanger, Jun93:8
Model 441T (Hopalong Cassidy), Jun93:8
- Astatic**
Ad reproduction: D-104 microphone, Jun11:7
- Atlantic-Pacific Radio Supplies Co.,**
Ad reproduction, Oard Phantom receiver, Aug91: 4
- AT&T**
Birth of The Radio Group - Radio Historical Note,
by E. Lyon, Mar85: 3; Apr85: 3; May85: 4; Jun85: 4
- Atwater Kent**
Ad Reproductions:
1935 Line of Radios (Models 325E, 112N, 944, 145),
Jan85: 7; Jul86: 26
Christmas display, Dec89: 20
Ignition System, Aug02: 14
Model 38, Oct93:19
TA units 3634 & 3676, Mar85: 8
1935-36 Models (Detailed chart of tech. data), Nov87: 5
2 Millionth AK set, Sep02: 10
AK Cabinets, Feb.84:7
AK Time Capsule Opened, by E. Lyon, Nov96:1
Atwater Kent – Early Resistive Components and Tube
Units, by R. Thompson and L. Bassett, Jul05:1
Atwater Kent—Three-Tube TA Units, by Ray Thompson and
Leigh Bassett, Dec08:1
Atwater Kent and RCA Cabinets: The Hanover
Connection, by C. Mooney, Oct93:9, Dec93:6
Atwater Kent's Expanded Factory, by B. Overbeck, Dec96:7
The Atwater Kent Model 9: A Restoration Story, by
B. Schmitz, Apr03: 1
Atwater Kent Museum Exhibit (Philadelphia, PA),
Apr89: 5; Jul89: 9
Atwater Kent: One-and Two-Tube TA Units, by R.
Thompson and L. Bassett, Feb07:1
Atwater Kent: The Two-Tube Detector/Amplifiers, by
R. Thompson and L. Bassett, Aug07:1
Atwater Kent Tuning Components and Transformers, by
R. Thompson and L. Bassett, Oct05:1
Atwater Kent – Variable Condensers, by R.
Thompson and L. Bassett, Feb06:1
Atwater Kent Variometers, Variocouplers, and Related
Devices, by R. Thompson and L. Bassett, Dec05:1
Another Atwater Kent Museum, by G. Symonds, Jan90: 3
Breadboard Replacements Available, Feb89: 3
Book Review
Williams, Ralph, & Wolkonowicz, John, *A. Atwater Kent:
The Man, the Manufacturer and His Radios* (B.
Belanger), Aug03: 7
The Canny Mr. Kent - comments on Models 35,
273-D, Sep87:7
Cathedrals - adjusting antenna trimmer knob on back,
Dec85: 7
The Demise of the Atwater Kent Corporation, by S.
Snyderman (spoof), Apr95:8
Designations "Q" and "D" on model numbers, Sep86: 14
Detector amp. & 2-stage amp. instruction sheet, Nov87: 16
Does Your Bathtub Leak?, by Dave Huff, with Joe Koester,
(repairing AK "bathtub" capacitors), Oct92: 7
Dial belts for Atwater Kent radios, by C. Marshall,
Oct. 90: 15
Dials - cleaning hint, Models 82, 84, etc., Mar85: 5
Drive wheel, rubber vernier tuner replacement, Apr97: 20
Gas gauges, Nov88: 13; Jan89: 3
Identifying the Earliest Atwater Kent Components, by
R. Thompson and L. Bassett, May05: 1
An Interview with W. Scobell Phippen, by G. Symonds,
Jun91:1
Mini-Profile: 70 Series, by G. Symonds, Jul89: 4
Model 9
The Atwater Kent Model 9: A Restoration Story, by
B. Schmitz, Apr03: 1
Brief Item - Aug94:15
Model 44 restoration, Dec88: 7
Models 55 and 84 service tips, Sep86: 13
Model 60 service tip, Mar87: 3
Model 86 restoration, Jan23:9
Model 317 restoration, Oct94:11
Model 511-W

Obituary for A. Atwater Kent, Jul88: 18
 Radio production figures, by model, 1923-27,
 Dec84: 7, Dec3: 13
 Radios (Especially Atwater Kent Breadboards) at Auction:
 Buyer Beware, by C. Mooney, Aug94:15
 Replacing Atwater Kent Tuning Belts, by
 R. Green, Dec05:14
 Restoration hint - replace vernier bushing with grommet
 on Models 40, 46, 52, 55, etc., Mar85: 5
 TA 1st stage AF amplifier unit instruction sheet, Dec86: 14
 TA detector/amplifier unit instruction sheet, Dec86: 14
 TA 2-stage AF amplifier unit instruction sheet, Dec86: 16
 That Old Atwater Kent Transformer, by B. Chidester, Jul06:1
 Tonebeam – Tidbit Apr06:14
 A Tough AK Radio Restoration, by D. Koczur and
 E. Lyon, Jul11:1
 Time Capsule Opened at Atwater Kent Plant, by L.
 Sibley, Dec96:8
 Tun-O-Matic, Jun00:15

Auctions and Auction Prices

1984 AWA Convention, Canandaigua, Nov84: 5
 1986 ARCA Convention, Louisville, Aug86: 7
 1986 Philadelphia antique auction, Aug86: 8
 1986 AWA Convention, Canandaigua, Nov86: 10
 1988 Fort Wayne IHRS Meet, Jun88: 7
 Continuous Old Radio Auctions on the Internet, by
 D. Parks, Aug98:14
 EBay Mysteries, or What is This Marvel, by
 D. Parks, Sep02: 13
 Ford Museum, Oct. 6-7, 1995
 The Great Trans-Oceanic Collection Auction, May04: 1
 The Gross Brunswick Auction, by E. Lyon, Jul87: 5
 Local Catalin Radio Auction, May96:6
 Monthly Auction Yields Unusual Equipment, by
 B. Goodwin, Oct.11:9
 The Muchow Auction, by R. Lozier & J. Koester, Sep01:15
 New Purchase Record, by J. Koester, Aug90: 12
 When the Time Comes, by J. Koeste, Feb05:10

AUDAX

One Good Turn Deserves Another, (turntable arm) by Bob
 Schmitz, April24, 8

Audio transformers - See Transformers

Audion tubes (de Forest)

The Audion Comes to Europe, by E. Lyon, Jul07:1
 The Audion Revisited, by G. Symonds, Apr91: 6
 Spherical Audions with Perforated Sheet Metal Plates
 in Place of the Usual Bent Wire Grids, by
 D. Sohn, Nov14:p1 and 8

Audiophone - see O'Neil Mfr. Co.

Audiovox

The Audiovox Loudspeaker, by D. Sohn, Jul13:1
 An Audiovox Sidebar, by E. Lyon, Jul13:17

Aulik, Jeff

The Admiral Story, Apr02: 1

Auman Museum of Radio and Television

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

Australia

News from Down Under, Nov88: 16
 Radio Collecting Under the Southern Cross, by
 R. Kelly, Jul88:15

Autocrat Radio Co.

Ad repro. - "Autocrat Jr." cathedral, Nov85: 5

Automatic

Tom Thumb Catalins, Dec88: 3

Automatic Volume Control

AVC in All-American Five radios, (Tidbit)
 by Ed Lyon, Nov23:13
 Harold A. Wheeler, Inventor of AVC, Oct98:12
 Hazeltine's Second Chance, by E. Lyon, Aug86: 4
 QAVC (quieted automatic volume control), Jul05:10

Automobile radios

Early Automobile Radios, by E. Lyon, Mar00:1
 The Hybrid Car Radio, by L. Sibley, Sep20:1
 Motorola, Automobile Radios, and Police Calls, by B.
 Belanger, Apr93:9
 The Magic Eliminode, by C. Gehman, Oct93:10
 More on the Motorola Magic Eliminode, by C.
 Gehman, Feb94:4
 More on the Statiktester and Still More on the Magic
 Eliminode, by O. Parker, Apr94:8
 Philco auto radio in chairside model:
 Model A-801 end table radio, by J. Koester, Jun86: 8
 Model A-801, more on, by F. Rice, Feb90: 13
 Model A-801, more on, by T. Hannah, Aug89: 15
 Radio Retailing Developments in the 1930s, Jun00:5
 Restoring Automobile Radios, by Ed Lyon, Jul18:1
 Tidbits by Ed Lyon, Nov08:10; Nov10:10, Mar16:8; Sep18:8
 Vibrator Replacements, Dec17:5

Autovoix

Hey, Ace. Didja Know?, by E. Lyon, Nov01:10

AVC - see automatic volume control

AVO (British Co.)

Model VCM 163 tube tester, Nov96:12

AWA - See Antique Wireless Association

Babcock, Ted

Unusual Plastic Radios of the Mid-30s, Oct89: 8

Baird, John L.

The Baird Televisor, by R. Kron, May93:5

Bakelite and Bakelite Radios (See also "Plastic Radios" for general info.)

Ad reproductions:
 Circa 1940 ad, Aug09:12
 Bakelite!, by L. Sibley, Jun97: 1
 Bakelite Cabinet Cleaning and Polishing,
 by J. Colick, Aug13:1
 Bakelite "Catalins," by E. Lyon, Jun88: 3
 Bakelite Corp. Ad, Sep95:15
 Cleaning and Polishing Bakelite Cabinets, Feb14:10,
 follow-up comment, Apr14:15
 Cleaning Bakelite knobs, Dec85: 7
 Paint removal from Bakelite cabinets, Sep88: 6
 Restoration of Bakelite, by E. Lyon, Mar89: 8
 Scratch removal, by G. Symonds, Mar91: 9
 Those Fabulous Bakelites, by R. Dixon, Oct85: 7; Nov85: 4
 Tidbit about Leo Baekeland by E. Lyon, Sep06:14

Baldwin

Ad reproduction for Baldwinette Model 50, Nov88: 20
 Headphones: May16:8

Baldwin Electronic Organs

Going Organic, by Ed Lyon, Mar16:1

Balkite

Ad Reproduction - Models J & N chargers, Apr90: 11

Ball, Rollin

- Fine Abrasive Restoration Technique (co-author, J. Koester), Oct96:10
- Ballantine & Stuart Ballantine**
Ballantine Variotransformer, by A. Douglas, May00:12
Feedback patent, Nov07:10
- Ballast Tubes (See also - Restoration Tips, Line Cord Resistors)**
Back to (Ballast) Basics, by T. Hannah, Jun06:14
Ballast & Line Cord Resistors, by L. Jones, Jul85: 15
A Replacement for Ballasts and Resistance Line Cords, by C. Rhodes, May00:1
- Balloon Races**
It's Army vs. Navy in Balloon Racing, by D. Sohn, Oct10:8
- Baltimore**
Baltimore Broadcast Radio and the Aeriola Era, by Dan Sohn, Feb09:1
- Bamby (Japanese radio)**
Bamby – A Pocket Set from Nitto, Sep18:13;
Part 2: Nov18:13
- Barawick**
Ad Reproduction - headphones, Dec86: 6
- Barkeley**
Antenna switch for Radiola III, Sep13: 11
- Barker**
Model 88 - An Archeological Find: The Barker 88, by P. Huerta, Aug93:6
- Barker, Lee**
Repairing the Philco Light-Beam Reproducer, Apr98:8
- Barrow, Joseph L.**
Memories of the Early Days of Radio, Feb93: 15
- Basco – See Briggs and Stratton**
- Bassett, Leigh**
Atwater Kent – Early Resistive Components and Tube Units, by R. Thompson and L. Bassett, Jul05:1
Atwater Kent: One-and Two-Tube TA Units, by R. Thompson and L. Bassett, Feb07:1
Atwater Kent: The Two-Tube Detector/Amplifiers, by R. Thompson and L. Bassett, Aug07:1
Atwater Kent—Three-Tube TA Units, by Ray Thompson and Leigh Bassett, Dec08:1
Atwater Kent Tuning Components and Transformers, by R. Thompson and L. Bassett, Oct05:1
Atwater Kent – Variable Condensers, by R. Thompson and L. Bassett, Feb06:1
Atwater Kent Variometers, Variocouplers, and Related Devices, by R. Thompson and L. Bassett, Dec05:1
Identifying the Earliest Atwater Kent Components, by R. Thompson and L. Bassett, May05: 1
Precision Mica Capacitors in the Grebe Synchrophase, Aug04: 12, Erratum, Oct04: 5
The Should-Have-Been RCA Model 23K: Analysis of a 23-tube Prototype Receiver, Jun06:1
The Should-Have-Been RCA Model 23K: Analysis of a 23-tube Prototype Receiver, by L. Bassett, Chapter 2 – The Main Chassis, Dec11:1
Western Electric Tubes Available Again, Jun95:5
- Bates Radio Index**
The Bates Radio Index, by D. Sohn, Dec21:1
- Batteries**
Another Idea for Button Cell Replacement, by K. Lichtle, Aug20:9
1930s Button Cell Batteries, by Eric Stenberg, Apr20:9
Grid Bias Cells, by B. Belanger, Oct90: 13
Farm Radios—4, by Ed Lyon, Jan09:13 (About Eveready Mini-Max batteries)
- Battery cable color code**, - Mar87: 13
- Battery Eliminators - Antique**
Ad reproductions
Abox Company battery eliminator, Jun86: 2,7
Charger bulbs for tungar chargers and trickle chargers, Dec92: 12
- Battery Eliminators - Modern power supplies for old radios**
Construction of AES's Battery Eliminator Kit, by J. Koester, Oct90: 17
Construction of AES's Battery Eliminator Kit: Another Look, by T. Hannah, Jun01:4; follow-up by A. Mitz, Oct01:9
For farm radios, by E. Lyon, Sep86: 9
For farm radios (1), by T. Shotts, Oct85: 4
For farm radios (2), by T. Shotts, Apr87: 6
...Make This Battery Eliminator for your Prize Radios, Part 1, by E. Lyon, Nov21:5; Part 2, Jan22:8; Follow-up, Mar22:8; Sep22:9
Portable, Affordable B Batteries, by N. Greenough, May88: 8
Power transformers for, Mar18:8
Product Report, The AES Model K-101A Battery Eliminator Kit, by J. Lowe, Jun01:1
Regulated Power Supplies for Old Battery Radios, by C. Rhodes, May99:1
A Slightly More Modern Approach to Powering Battery Sets, by A. Mitz, Nov02: 1
- Battery Set Compendium**
Building the Prototype Battery Set Compendium, by G. Hunolt, Aug05:6
Progress on the Battery Set Compendium, by G. Hunolt, Jun07:13
Progress on the Battery Set Compendium, by G. Hunolt, Jun06:10
An Update on the Battery Set Consortium and a Quick Look at 1920-1926, by G. Hunolt, Jun08:1
- Bauer, Ben**
Shure Microphone Designer Ben Bauer, by Domi Sanchez, Oct18:8
- Bayhead Radio Museum (Bayhead, Nova Scotia)**
Antique Radio and Television Museums, by B. Belanger, Apr04: 1
Yeaw, Ernest (Bayhead, Nova Scotia), Jul88: 17; Jun89: 14
- Baynesville Electronics**
Goodbye Baynesville Electronics, by John Anderson, Apr17:14
- BC series of military receivers**
BC-348, Sep05:13
Collectable Aircraft Radios by E. Lyon, Sep05:1
- Beetle (Plastic)**
Detrola's PeeWee and the Silk Industry, by E. Lyon, May08:1
- Begg, John**
40th anniversary, Jun24:14
President's message, Aug20:14
- Begun, S.J.**
Getting Half a Start in Tape Recording, by E. Lyon, Jan04: 1
Obituary, May95:13
- Belanger, Brian (and, with Dian Belanger)**
1926: A Good Year for Radio, Dec06:10
A 1938 View of the Philco Mystery Control, Feb98:14

Aerials Are Unnecessary? Dec20:13
 AK Model 60 service tip, Mar87: 3
 Alfred North Goldsmith, Aug10:9
 All About Getters - MAARC Monograph #1, May87
 Allen B. DuMont—Magic Eyes, CRTs, Oscilloscopes, and Television, Feb10:1
 AM Band May Undergo Change, Mar93: 3
 Another Collectible: Radio and TV Paper Gadgets, Feb06:12
 Antique Radio and Television Museums, Apr04: 1, Jun04: 8
 Oct04: 11, Dec04: 6
 Antique Radio on the World Wide Web, Jun96:1
 Follow up, Aug96:7
 Arborphone, Cavac, and International Radio (Kadette),
 Oct03: 1; follow-up, Dec03: 14
 The Arvin Story, Apr08:1
 Bendix: From Brakes to TVs, Aug14:1
 Book and Journal Reviews:
 A. Atwater Kent: The Man, the Manufacturer and His Radios, Aug03: 7
 Antique Radio News, May94:3
 Antique Radio Restoration, Vols. 1 & 2, Aug04: 8
 The AWA Review, Vol. 6, Oct91: 13
 Behind the Front Panel, Mar95:4
 British Radio and Television Pioneers, Oct93:6
 Index to Radio and Electronics Patents, Jan96:5
 The Legacies of Edwin Howard Armstrong, Apr91: 5
 Machine Age to Jet Age, Jun95:17
 Poster's Radio and Television Price Guide, 1920-1990, Second Edition, Jul94:11
 Radio and Electronic Pioneers, A Patent Bibliography, Apr95:20
 Tube Lore - A Reference for Users and Collectors, Oct96:6
 Cabinet Refinishing Tips, Jun 92: 7
 Can You Trust Your Meter?, Dec12:11
 Carborundum Detectors, Apr99:1
 Carl Weller and the Soldering Gun, Feb92: 8
 Color TV Receiver Development at RCA, Dec04: 13
 The Coon-Sanders Nighthawks: A Dance Band Shaped by Radio, Feb00:1
 The Crosley Auto Expressionator and Phantom Conductor, Jan98: 10
 David Grimes and His Inverse Duplex, Dec09:5
 David Sarnoff and Television, Feb01:8, Follow-up, Apr01:14; May01:13
 Distortion in a Knight Console, Apr17:13
 Does Your TV Have the Wrong Size Picture Tube?, Jun01:8
 Don't Overstress That Old Radio, Feb11:11
 The Dynergy Receiver—Just Plug It In, Oct12:1
 Easy Method Cabinet Refinishing, Nov84: 3
 Ed Lyon's Radio Repair Seminar at RadioActivity 2007, Oct07:11
 E. F. Johnson's 1957 Ham Radio Catalog, Aug15:6
 Ekko Verified Reception Stamps, Sep93:1
 Electrolytic Capacitors, Dec12:1
 Emerson and Ingraham, Dec93:13
 The Emerson Multivalve, Aug03: 12
 The Emerson Radio and Phonograph Company, Feb02: 1
 Emerson--The Sequel, Oct02:1
 Extensive Publicity Accompanies Grand Opening of RHS Museum, Aug99:14
 Extravaganza 1990, Lansing, MI, July 12-14, Aug90: 8
 First Earphones, Then Horns, Then Cones: What Next?, Apr97:14
 Followup to Radio and Presidential Politics, Oct92: 9
 Frederick Kolster and His Radios, by B. Belanger, Aug08:1
 General Motors Radio, Feb01:1
 George Washington Pierce, Apr13:13
 Grid Bias Cells, Oct90: 13
 Henry Jackson: A Little-Known Wireless Pioneer, Dec00:1
 Historic Radio Publication Available, Sep91: 5
 Hopalong Cassidy - Foiled Again, Jun93:8
 How Good is Your Tube Tester?, Aug17:13
 Hugo Gernsback and His Miniature Magazines, Feb93:
 IF transformer repair, Aug21:13
 Irving Langmuir and Vacuum Tube Development, Dec16:13
 Joe Koester and MAARC, The Torch Passes, Oct92: 12
 John V. L. Hogan, High-Fidelity Broadcasting Pioneer, Apr16:9
 The Lambert Crystal Radio Company, Jun89: 9
 Leon Lambert and His Crystal Radios - Chapter 3, Mar90: 7
 MAARC Loses Two Members Who Made a Difference, Feb18:4
 MAARC Members Assist Katrina Victims, Aug06:6
 The Majestic 300A, Aug19:7
 Majestic Spray Shield Tubes, Aug19:12
 The Magic Eye Tube, Oct09:10
 Making Station Tabs for Pushbutton Radios, Aug91: 9
 Member Spotlight: Bob Schmitz, April24, 12
 Member Spotlight: Brian Belanger, Oct15:1
 Micr-O-Phone: The Aldene Radio & Mfg. Co., Jun07:9
 The Midwest Radio Corporation, Dec20:1
 More on RadioActivity 2003, Aug03: 10
 More on the Lambert Crystal Radio, Aug89: 10
 Motorola, Automobile Radios, and Police Calls, Apr93:9
 Museum Developments, Dec98:11
 Museum Report--Marconi National Historic Site, Oct89: 10
 National Union - What's in a Name, May88: 6
 News from the Radio History Society, Dec94:14;
 Aug96:11; Oct98:7
 News Update - A Museum on the Horizon, Apr97:13
 Noisy volume controls, Apr19:14
 NRI Ceases Operation, Apr99:7
 The NRI Schematic Service and the MAARC/RHS Connection, Dec01:6
 Obscure Television Tubes from 1938: The Monotron and the Phasmajector, Dec07:11
 On the Air - Pioneers of Am. Broadcasting (exhibit rev.) Nov88: 5
 Ordering Manuals from NTIS, Mar92: 5
 Oscar and Lloyd Hammarlund and their Shortwave Receivers, Feb08:8
 The Other RCA: The Radio Club of America, Dec89: 11
 The Pavlek Museum of Broadcasting (Museum Report), Dec93:17
 PCBs in Electronic Equipment, Aug92: 10
 The Philco Beam of Light Photoelectric Tone Arm, Dec15:13
 The Philcophone Intercom, Feb99:1
 The Popular Press and Tube Audio, Jun99:15
 Previously Unknown Bremer-Tully Historical Materials Turn Up, Aug99:9
 Product review - The PTI Active Antenna, Jan92: 6
 Radio and Presidential Politics, Aug92: 5
 Radio Dealers and Service Shops During World War II, Dec03: 1

Radio Facsimile, Feb05: 1
 Radio History Society Seeks Members and Volunteers,
 Oct94:18
 The Radio Industry in the Mid-1930s—Part 1, Apr15:10;
 Part 2, Aug15:9
 Radio Museum Closer to Reality, Sep94:10
 A Radio Pioneer Series
 Heising, R. A., Oct04: 13
 Stone, John Stone, Dec04: 8
 Radio Products Corp. of Birmingham, AL, Nov90: 9
 Radio Repairs During the Pandemic, Apr21:11
 Radio Retailing Developments in the 1930s, Jun00:5
 Radio-Television Museum News, Dec00:11
 Radio & Television Museum Receives a Large
 Grant, Oct06:6
 Radios Found in Museums, Dec18:11
 Raytheon's Contributions to Radio and TV, Jun02: 1
 The RCA ACR-111, Apr02: 7
 RCA's Patent Strategy, Dec99:1
 RCA's Special Red Tubes, Aug12:9
 The Red Lion Cabinet Company, Jul93:1
 Replacing Audio Interstage Transformers, Sep90: 3
 Restoration tips - RCA Model K60, Jan92: 8
 Restoring a Philco 39-116, Dec97:1; Follow-up: Feb98:14
 Restoring a Philco 118, Feb11:1
 Restoring a Philco Model 40-201XX, Code 121, Dec16:1
 Restoring an Airline 62-280, a Guilt Trip, Oct98:1
 Restoring a Setchell Carlson 427 and a Brief History of
 Setchell Carlson, Oct08, p. 8
 Restoring a Zenith 12-S-265, Jun10:9, Follow-up, Aug10:7
 RHS Signs Memorandum with GWU: RadioMuseum
 Library is One Step Closer, Mar98:5
 Rodger Nye Re-Challenges the Radio History Society,
 Aug00:10
 R/T Museum Doings, Feb00:14
 Save Those QSL Cards!, Aug99:1
 Save Those Used Transformers and Chokes, Apr13:1
 Scanning Disc Television Manufacturers, Aug16:1
 Seldom Seen RCA Radiolas, Feb10:11
 Sencore is Still There, Feb01:14
 Service Note: Philco Bakelite Block Capacitors, Aug93:13
 Signal Generators, Oct99:6
 So You Think Radio Collecting is Strange!, Feb97:16
 Sylvania and the *Sylvania News* Newsletter, Aug11:1
 Symptom-Based Radio Servicing, Apr18:13
 This Year's MAARC Picnic--What a Huge
 Auction!, Dec01:9
 The Torch Passes, Dec94:15
 Thomas E. New, Ace Radios, and the Crosley Corp.,
 Jun10:6, Follow-up, Aug10:8
 A Triode Rectifier?, Aug93:16
 Tube rejuvenation, Jul85: 13; reprinted, Aug96:9, Feb07:11
 Tube Radio Servicing, Nov91: 5
 Tube Tester Basics, Dec13:9
 Tubes vs. Transistors, Sep93:3
 Tunable Hum and Type X and Y Capacitors, Aug13:7
 Unpotting Transformers, Jul90: 10
 Vacuum Tube Manufacturing Returns, Jul94: 10
 VOM Accuracy: A Follow-up Experiment, Apr19:11
 Where are all those tubes going? (Japanese buyers), Feb85: 4
 William Dubilier: Wireless Pioneer and His Companies,
 Apr14: 7

Wire Recorders, Dec05:10
 Wireless Pioneer Dr. Greenleaf Whittier Pickard, Apr09:13
 The Wirt A.C. Voltage Regulator, Dec20:14
 WRC: The Voice of the Capital (reproduction of old
 brochure on station WRC), Apr93:5
 You Can Help Create the New RHS Museum, Feb99:7
Bell, Alexander Graham
 The First Wireless Telephone, by Domi Sanchez, Oct16:9
Bell Labs
 Flat Screen Monitors, by E. Lyon, Jan02: 14
 Ma Bell--Color Television Pioneer, by E. Lyon, Jan02: 1
Belmont
 Model 525, Apr90: 7
 Raytheon's Contributions to Radio and TV,
 by B. Belanger, Jun02: 1
Bendix
 Bendix Aviation Enters the Home Radio Market,
 by R. Matzko, Jul01: 1
 Bendix: From Brakes to TVs, by B. Belanger, Aug14:1
 Letter to the Editor follow-up by Alan Diamant
 The Bendix Radio-Table, by B. Cheslock, Aug88: 14
 Bendix Radio's Trip Through the Radio Phase, by
 Ed Lyon, Nov17:11
 Refurbishing "The Invisible Radio with the Phantom Dial,"
 (Model 0646A end table radio), by R. Wallace, Jun04: 1
Berg, Moe
 Baseball and Spy Catcher, Sep25, p14
Berkeley
 Things that Rhyme With Resistors, by Ed Lyon, May16:12
Bettum, Bill
 Estate, Apr09:12
 Obituary, Jan09:8
Betzer, Terry
 SWL - Ears to the World, Jul91: 4
Bill and Joe – See Lindenbach, Walter
Bing Crosby "Junior Juke" record player
 restoration tip, Oct87: 3
Birkby, Evelyn
 Radio Days (reprint), Oct91: 7
Bisaillon, Chris
 Whiskeytown Wireless Collection and the Wireless Set
 No. 19, Oct91: 1
B&K
 Tube testers, May97: 6
Blankinship, Martin
 The Zenith 1000Z Stratosphere Console, (Part 1) by M.
 Blankinship, Aug23:1
 The Zenith 1000Z Stratosphere Console, (Part 2), by M.
 Blankinship, Dec23:1
Bletchley Park
 Bletchley Park West--Yardly's Black Chamber,
 by E. Lyon, Mar02: 6
BPS Antique Radio Encyclopedia
 Product Review, by B. Scheppers, Dec98:10
Bodine
 Ad Reproduction - Deluxe Loop Antenna, Jun89:19
Book and Journal Reviews
 (Reviewer's name in parentheses)
 Also includes CDs and DVDs)
 Aitken, H., *The Continuous Wave* (F. Kohl), Mar86: 3
 Anderson, Betty Baxter, *Four Girls and a Radio*,
 (Ira Wexler), Aug14:11

- Barnum, Fred, *His Master's Voice in America* (brief note), Oct91: 6
- Bennett-Levy, M., *Historic Televisions and Video Recorders* (G. Schneider), Aug93:14
- 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
- Davis, Henry, *Electrical and Electronic Technologies* Aug87: 8
- Dubreuil, Stephen, *Come Quick, Danger: A History of Marine Radio in Canada* (E. Lyon), Sep98:12, Nov98:9
- Edizioni, Mose, *Loud-Speaker*, (Robert Lozier), Feb05: 13, Mar05: 11
- 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), Sep86:14
- 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
- ___ *Fine Woodworking on Finishing and Refinishing* (C. Mooney), Dec86: 3
- ___ *The Legacies of Edwin Howard Armstrong* (B. Belanger), Apr91: 5
- ___ *Radio's First Two Decades* (F. Kohl), Oct87: 4
- ___ *Service: A Monthly Digest of Radio and Allied Maintenance* (B. Goodwin), Jun04: 14
- ___ *The Story of the First Trans-Atlantic Short Wave Message* (B. Belanger), Sep91: 5
- ___ *Wireless & Electrical Cyclopedia* (Electro-Importing Co.) (F. Kohl), Jul86: 12
- Bosworth Radio**
 Ad Reproduction, Aug89: 20
- Bottle Radios**
 RDR and the Magic-Tone Bottle Radio, by J. Okolowicz, Aug19:1
- Boyce, Dale**
 Briggs & Stratton Corporation (BASCO) in Radio 1922-1937: Part 2, by D. Boyce, Feb14:1
 Globe Electric of Milwaukee, Apr11:1
 Hunting the BASCO Crystal Radio Set, Oct13:1
- Bradley - See Allen-Bradley Co.**
 (Bradleystat, Bradleyleak, etc.)
- Brady, Ed**
 Calibrating the Hickok 6000 Tube Tester, Sep03: 4

Emerson Radio Advertising Sign, by E. Brady, Oct14:9
 Emerson Radios, by E. Brady, Oct11:1
 Fixing A Bad Transformer, Dec98:13
 The Hickok 6000, How It Works, How to Repair It and
 Maintain It, Jan03: 11 (Part 1), Mar03: 9 (Part 2)
 Stewart-Warner 1933 World's Fair Radio Restoration,
 Feb12:1 (Repeated in color in Dec24 issue p.11)

Brandes

Frederick Kolster and His Radios, by B. Belanger, Aug08:1
 Kolster Radio Corporation, (company book reprint), Apr17:1

Brand Names

Greco-Schenectady – The Language of Radio
 Brands (“...dynes”) Nov18:7
 Trade Name Cross-Reference, Aug89: 13

Breed, Arie

Restoration tip (Turtle Wax polish), Oct85: 3

Bremer-Tully

Counterphase 8, Jun03: 14
 Previously Unknown Bremer-Tully Historical Materials Turn
 Up, by B. Belanger, Aug99:9

Briggs & Stratton

Briggs & Stratton Corporation (BASCO) in Radio
 1922-1937: Part 2, by D. Boyce, Feb14:1
 Hunting the BASCO Crystal Radio Set, by
 D. Boyce, Oct13:1

Brightson Tubes

Ad reproduction for "True Blue" tubes, Apr91:9

Brinkley, Dr. John

The Most Memorable of the Border Blasters, by E. Lyon,
 Aug95:10

Bristol

Ad Reproduction for Audiophone Jr., Aug92: 15

Broadcasting

1941 shifts in broadcasting frequencies, Jul88: 4
 75 Years of Broadcasting in Maryland, by H. Shriver,
 May97: 1
 AM Band May Undergo Change, by B. Belanger, Mar93: 3
 “And Now ... World News,” by E. Lyon, Jan97:8
 Another Photograph and More Postcards: Early Broadcast
 Souvenirs, by D. Sohn, Jun08:9
 Broadcasting Ups and Downs in the Heyday of Radio,
 by E. Lyon, Mar05: 9
 Call Letters - see separate listing under call letters
 The Changing Sound of AM Broadcasting, by T. Hannah,
 May88: 21
 Color-Coding the Networks, by L. Sibley, Jun95:8
 The Doubleday-Hill Electric Co. Broadcasting Stations,
 by E. Lyon, Nov99:12
 Early Broadcasting in the Washington-Baltimore Corridor,
 by E. Lyon, Mar00:6
 Early Television Concepts (list of stations in 1931), Sep95:1
 Ekko Verified Reception Stamps, by B. Belanger, Sep93:1
 The Emergence of Broadcasting, by E. Lyon, Feb86: 3
 A Few Reflections and Thoughts on the Good Old Days
 and Radio's Future, by K. Mellgren, Oct91: 15
 First Presidential Radio Address, by E. Lyon, Dec93: 5
 The First Radio in Springdale, by B. Vaughan, Apr12:14
 The First Entertainment Broadcast: A Controversy,
 by E. Lyon, Dec89: 1
 Football by Radio, Oct97: 16
 Ingenuity in Radio - The "Blank Air" Capers, by G.
 Symonds, Jan90: 9

It's Army vs. Navy on Inauguration Day, March 4, 1929,
 by D. Sohn, Jun13:1
 Ma Bell to the Rescue, by E. Lyon, Sep06:9
 Making Radio Signals Stable, by E. Lyon, Jul01:4
 The Most Memorable of the Border Blasters, by E. Lyon,
 Aug95:10
 Mystery Station on the Expanded AM Band, by T. Hannah,
 Jan96:11; May96:4

Network Broadcasting, by E. Lyon, Feb97:11
 Picking Up the Broadcasting Tab, by E. Lyon, Sep98:5
 Radio and Presidential Politics, by B. Belanger, Aug92: 5;
 Oct92: 9
 Radio Days, by Evelyn Birkby (radio on the farm), Oct91: 7
 The Struggle for FM, by E. Lyon, Jan05: 1
 Tidbit (Hi-Fi broadcasting) by E. Lyon, Sep06:10
 Trends, by Ed Lyon, July24:13
 Washington Stations Change Frequencies, Jun01:14
 Why the AM Band Is Where It Is, by G. Symonds, Jul90: 9
 WRC: The Voice of the Capital, August 1, 1923, Apr93:1

Brown, Art [radio personality obituary], Jun91: 8

Brown, George [RCA engineer]

A Link Between Articles by Two of our Authors,
 by L. Greenough, Feb02: 12

Brush Development

Getting Half a Start in Tape Recording, by E. Lyon, Jan04: 1

Buffington, Walt

Dollhouse radio shop, Oct11:14
 The Miniature World of Walter Buffinton,
 by Domi Sanchez, Jun16:1

Burns

Ad reproduction, horn speaker, Oct99:15

Bush and Lane

Model 12SG Mini-profile, by T. Hannah, Jan89: 13

Buzzers

The Detector Testing Buzzer, by D. Sohn, Feb21:8

Bylaws of MAARC - See "Mid-Atlantic Antique Radio Club-
 -Constitution and By-laws of MAARC"

Cabinet cleaning/restoration tips

Another Gluing Technique, by J. Koester, Feb22:3
 Bakelite Cabinet Cleaning and Polishing,
 by J. Colick, Aug13:1
 Building My Own Radio Cabinets, by
 R. Friedman, Dec22:13
 Cabinet Repair Panel, by D. Sanchez, Oct14:8
 Cleaning and Polishing Bakelite Cabinets, Feb14:10,
 follow-up comment, Apr14:15
 Fabric-covered cabinets - Removing Years of Wear from
 Your Trans-Oceanic, by B. Haworth, Jun96:6
 Glue for a tight bind, by Domi Sanchez, Jun16:12
 Joint filling, by Joe Koester, Feb24:11
 MAARC Cabinet Refinishing Panel, Jun15:12
 Plastic cabinets, Aug86: 5; Mar89: 8; Mar91: 9
 Radio Cabinet Restoration, by J. Koester, Jun09:1; Aug09:5
 Reclamation of a Philco Basket Case (46-200), Sep15:10
 Restoration tip by J. Koester, Aug24: 12
 Wood cabinets, Jul86: 10, Oct90: 9, Apr93:18, Oct94:20;
 Jun96:16; Nov96:8

Cabinet Design

Mid-Century Modern: Everything Old is New Again,
 by John Okolowicz, Dec23:8

Cabinet restoration - See "Refinishing" and "Veneer"

Cable FM Radio

Cable FM (CAFM) Radio: The Vanished Medium, by L. Sibley, Aug20:11

Cable Radio Tube Co. – See Speed

Callbook – See Radio Amateur Callbook

Call Letters

Callsigns of the Times, by Ed Lyon (Two-part series), Mar88: 14; May88: 3
The Little Brick Town on the Prairie, by T. Hannah (Radio station log of 1927 and radio station calls and slogans) May88: 24
Note on assignment of K vs W, Jul96:11
Three-letter Call Signs, Nov01:11
Tidbit on call letters, Jul98:12

Callis, Barry and Betty

Member Spotlight, by Domi Sanchez, Feb19:1

Calloway, Cab

Cab Calloway, by Domi Sanchez, Feb18:8

Camden

Ad reproduction - Model 86, Nov92: 16

Candohms

Replacing: by Joe Koester, Feb24:11

Cannan, Sam

Shop Tunes in Memories of Radio Days (article about his radio store from *The Washington Post*), Jun93:6

Capacitors

Across output transformer primary, Sep16:8
Audio Under Glass—12: Capacitors in Audio Circuits, by Ed Lyon, May09:1
A Capacitor Can Puzzle, by D. Johnston, Feb98:13
Capacitor Data (color codes, etc.), by T. Hannah, Jun89: 16
A Capacitor Short Story (Philco capacitor with 3 leads, one of which is an intentional short), Nov96:8
Capacitors replacing line cord resistors, Sep17:12
Coupling Capacitors
Checking Coupling Capacitors, Aug87: 6; Sep87: 5
More on Coupling Capacitors, Apr89: 4
Still More on Coupling Capacitors, by C. Rhodes, Jun89: 13
Testing, by S. Lopes, Jun91: 18
Testing Coupling Capacitors, by G. Symonds, Jan89: 3
Testing Made Easy, by O. Parker, May89: 5
Does Your Bathtub Leak, by D. Huff, (repairing AK metal case capacitors), Oct92: 7
Electrolytic Capacitors
Electrolytic Capacitors, by B. Belanger, Dec12:1; follow-up, Aug13:13, more hints: Apr16:7
More on Electrolytic Capacitors, Feb13:6
Filter caps – increasing value from original, Sep13, p. 10
Fine Tuning a Stromberg-Carlson Power Supply, by T. Hannah, (choosing proper values for electrolytics), Sep94:7
Get Stuffed, by J. Koester (stuffing new caps in old housings), June 23:12
How Many Mikes in That Can, by F. Kohl (checking electrolytic caps & determining capacitance), Mar85:4
More on Electrolytic Capacitors, by O. Parker, Feb93: 13
More on Reforming Electrolytic Capacitors, by R. Altig, Mar98:19
Need to check new ones, May03: 10

A Non-Bypassing Bypass Capacitor, by D. Houston, Jan97:12

Re-forming Filter Capacitors, by C. Rhodes, Apr92: 14; see suggested modification, Feb93: 13

Re-Polarizing Electrolytic Condensers, by C. Rhodes, Mar98:11; May98:5

Sightseeing in an Electrolytic Capacitor Factory, by L. Markus, Dec14:1

Testing & Reconditioning Electrolytic Capacitors, by G. Symonds, Nov88: 9; see also correction, Feb89: 8

Line bypass capacitors, failure in, by T. Hannah, Nov92:7
Making 1930s Wax-Style Capacitors, by A. Mooradian, May94:8

The Mother of All Recapping Jobs, by E. Lyon, Sep04: 1
Outside foil – determining, Apr16:7

PCBs in Electronic Equipment, by B. Belanger, Aug92: 10
Philco Bakelite Block Capacitors, by B. Belanger, Aug93:13

Precision Mica Capacitors in the Grebe Synchrophase, by L. Bassett, Aug04: 12, Erratum, Oct04: 5

Radio Hist. Note on early capacitors, by E. Lyon, Nov88: 6
Rebuilding Old Capacitors, by B. Haworth, Feb95:6

Recapping Old Radios, by E. Lyon, Nov96:9

Recapping That Old Radio - A Recap, by E. Lyon, Jan98:1

Recapping Transistor Radios, by B. Casey, Feb02: 13

Those Philco Capacitors, by E. Lyon, Nov87: 11

Tunable Hum and Type X and Y Capacitors, by B. Belanger, Aug13:7

Variable Capacitors

Cleaning Tuning Capacitors, Jun85: 5

Finding and Fixing Variable Capacitor Problems, by J. Carr, Sep89: 7

William Dubilier: Wireless Pioneer and His Companies, by B. Belanger, Apr14: 7

Capehart

Great Scott—It's a Capehart, by E. Lyon, Mar10:13

The Last Custom-Installed Capehart, by D.

Cochrane, Mar10:8

Capitol Radio Engineering Institute

Ad reproduction, Jun99:4

Captain Midnight

Captain Midnight: Radio Hero, by Steve Noga, Oct24, p.7

Carborundum

Carborundum Detectors, by B. Belanger, Apr99:1

Carr, Joseph

Finding and Fixing Variable Capacitor Problems, Sep89: 7

Locating the NAA Tower, Oct89: 16

Carrier Current Radio

A Catechism on Carrier-Current – Then and Now, by

L. Sibley, May20:1; Follow-up, Jul20:11

Carson, John

Tidbit (broadcast channels), Jan13:11

Casey, Bob

Recapping Transistor Radios, Feb02: 13

Casio

An Evolutionary Step Forward in Television: The

Casio TV-10 LCD TV, by R. Matzko, Oct23.p1

Catacombs (RCA radio sub-assembly)

RCA Catacomb Adventures, by H. Perkins, Dec02: 6

Catalin Plastic and Catalin Radios

Amberoids (insulators), Mar01:16

Auction prices - May96:6

The Case of the Purloined Grille, by E. Lyon, Nov09:1

The Catalin Corner, by E. Lyon, Dec87: 3; Jan88: 3 (see correction in Feb88 article); Feb88: 3; Mar88: 4;

- Apr88: 3; May88: 15; Jun88: 3; Aug88: 6; Oct88: 4;
Dec88: 3; Mar89: 8; May89: 3; Jul89: 5; Sept89: 5;
Nov89: 4; Jan90: 5; Mar90: 4; May90: 3; Jul90: 3;
Sep90: 8; Nov90: 3; Jan91: 3; Mar91: 5; Jul91: 6;
Nov91: 1; Jan92: 1; Mar92: 1; May92: 1; Sep92: 1;
Nov93:1
- Catalin Radio Parts Available Again, by Ed Lyon,
May88: 18
- Cement for Catalin Radios, by E. Lyon, Jul97: 13
- Cleaning Catalin, Mar89: 8
- Curious Catalins, part 1, by E. Lyon, May21:8
- Detrola Art Deco Radios and a Phoenix, by E. Lyon, Mar24:8
- Early and Late Rarities in Catalin, by E. Lyon, Jul04: 8
- The Great Depression and the Catalin Merchants, by
E. Lyon, Jul21:1
- How Catalins were made, by E. Lyon, May21:13
- Lost and Found, by E. Lyon (historical comments
on the Catalin industry), Sep95:11
- The Marblette Corporation and Radio Cabinets, by E. Lyon,
Jul99:10
- The "Missing" Little Nippers, by E. Lyon, Nov98:1
- RCA's Little Nipper Division, by E. Lyon, Nov02: 13
- Redmanol (predecessor of Catalin), Tidbit, Nov06:10
- The Sparton Model 500 "Champlave," by E. Lyon, Jul02: 1
- Those Catalin Radios, by E. Lyon, Apr86: 7
- Those Fabulous Bakelites, by R. Dixon, Oct85: 7, Nov85: 4
- The Youngest Catalin Radio?, by E. Lyon, Nov01:12
- Tidbit on history, Jul08:11
- Tidbit on Catalin products, Jan14:8
- Cathode Ray Tubes**
Allen B. DuMont—Magic Eyes, CRTs, Oscilloscopes,
and Television, by B. Belanger, Feb10:1
- Cavac**
Arborphone, Cavac, and International Radio (Kadette),
by B. Belanger, Oct03: 1
Cavac and Courier with Kylelectron, by H.
Trolander, Jun98:11
- CBS**
Columbia, the Gem, by E. Lyon, Nov00:11
Tidbit (CBS color TV vs. RCA), Jul06:10
- CC-AWA** (Carolinas Chapter of AWA)
Report from Charlotte, by P. Farmer, May02: 1
- CD Reviews - See Book Reviews**
- CeCo (C. E. Manufacturing Co.)**
Ad reproduction, Jun01:14
A Glimpse into CeCo, by L. Sibley, Mar95:1
Type P-1 tubes, Sep13:11
- Centralab**
A Lucite Radio Made with Tinkertoys, by E. Lyon, Nov93:1
- Chambers, F.B. & Co., and Chambers Institute of
Wireless Telegraphy**
F. B. Chambers & Co.: Philadelphia's First Radio
Maker?, by L. Sibley, Aug97: 7
- Chandler, Bob**
FYI, by Gerald Schneider, Jan94:3
- Channel 1 (on TVs)** by J. Koester, Jan89: 14
- Channel Numbers for the FM Band, Apr86: 8**
- Chase, Ray**
The Birth of Modern Avionics in New Jersey, May16:1
- Chassis Cleaning**
Chassis Cleaning, by D. Johnston, Jan95:16;
follow-up - Mar95:5, Apr95:17; Jun95:15
- Chassis Cleaning Component Mystery Solved!,
by C. Combs, Feb95:10
Hint, Jun85: 4
- Chatellier, Wes**
Letter to the editor, May92: 9
- Chelsea Radio Co.**
Ad reproduction - Super Five, Jun91: 17
- Cheslock, Barry**
The Bendix Radio-Table, Aug88: 14
A Crosley Bullet?, Dec88: 6
More on the Henry Kloss Model One, Feb02: 11
The "Other Half" of the Radio, Sep92: 6
- Chicago Radio Laboratory - See Zenith**
- Chidester, Buford**
The Bradley-Amplifier, Dec95:1, Erratum, Jan96:5
That Old Atwater Kent Transformer, Jul06:1
Member Spotlight, Oct19:1
Obituary, Dec24:10
- China and Chinese Radios**
Flea Market Find - A PRC Military Radio, by
E. Lyon, May22:1
- Chrome Polish**
Make that Chrome Shine, by Domi Sanchez, Feb19:10
- Chrysler - made by Detrola, Nov88: 13**
- Cigarette Radios**
Hey Buddy—Got a Light, by J. Okolowicz, Apr21:1
- Citizens Band**
The Citizens Band, by L. Sibley, Aug20:1
- Clarion**
The Admiral Amalgam, by E. Lyon, Sept24: 12
- Clark Wireless**
Wireless on the Great Lakes, by L. McDonald, Oct06:1
- Clarostat**
Ad reproduction - ballasts, Dec92: 12
- Cleartron**
Multivalve, tidbit, Sep98:11
- Clock Radios**
Radios with Clocks, by B. Belanger, Dec19:4
- Coast Guard**
The 500 - kHz Story, by J. Herman; Part 1, Nov95:7
Part 2, Dec95:18; Part 3, Feb96:17; Part 4, Apr96:12;
Parts 5 - 7, Jun96:11
Radio and Prohibition, by E. Lyon, May06:13
- Coca Cola Cooler Radio**
The Coca Cola Cooler Radio: Who Made It?, by T.
Hannah, Jun03: 10
A Cooler Radio Cooler, by Bob Schmitz, Feb24:6
Reproduction, Feb89: 3
- Cochrane, Donald**
The Last Custom-Installed Capehart, Mar10:8
The Last Victor Custom Radio/Phonograph Made by the
Victor Talking Machine Company?, Apr18:11
- Cockaday, Lawrence**
Early Broadcast Variations of the Fleming Valve, by
Daniel Sohn, Jun18:8
- Cohen, Jonathan**
How Much Did You Say? (essay on original radio prices)
Jun86: 6
Jon Cohen Lands a Big One (photo of large cone
speaker), Dec92: 7
A Radio Collector Goes to Paris, Jul87: 7
Radio Quiz, Dec86: 8

- Rewinding Myself (repairing wirewound resistors), Mar86: 6
The Station You Have Dialed Has Been Disconnected,
Jul86: 17
- Cohen, Lewis**
Role in designing early Navy receivers, Feb92: 1
- Coil Repair**
Coil rewinding serv. note, by J. Forbes, May90: 6
- Coils - See Inductors**
- Colick, Joe**
Bakelite Cabinet Cleaning and Polishing, Aug13:1
Obituary, Nov23:14
- Collector Profiles**
Alley, Gary, by E. Stemberg, Oct03: 8
Belanger, Brian, Oct15:1
Lenehan, Kevin, Dec03:8
Shearer, Geoff, Jun14:1
- College Radio**
Student Radio at Cornell College Circa 1950, Dec15:12
- Collins Radio**
Radio Hist. Note on Superhets, by E Lyon, May87:4
Tidbit about Collins and Racal, Mar04: 10
- Colonial**
Around the World With Globe Radios, by J. Okolowicz,
Apr20:1
Tidbit on radios for Sears by E. Lyon, May07:10
- Color Codes**
Capacitors, Oct99:13
Resistors, Oct99:13
Wires, Jul92:3
- Color Television**
Color Television at CBS, Jul17:9
Color Television Follow-up, Apr05: 14
Color Television Receiver Development at RCA, by
B. Belanger, Dec04: 13
Ma Bell--Color Television Pioneer, by E. Lyon, Jan02: 1
- Columbia Broadcasting System - See CBS**
- Combs, Charles**
Chassis Cleaning Component Mystery Solved!, Feb95:10
- Comer, Mel**
Tidbits, Nov20:11; Mar24:12
- "Command" sets**
Collectable Aircraft Radios by E. Lyon, Part 3, Nov05:1
- Committee to Preserve Radio Verifications (CPRV)**
Save Those QSL Cards!, by B. Belanger, Aug99:1
- Condensers - See Capacitors**
- Conelrad**
Tidbit, Nov04: 12
- Cones, Harold**
Great Circle Shortwave Society, Jan88: 7
- Connecticut Telephone (See also Sodion)**
The First Cordless Phone, by D. Mackiewicz, Jan97:13
- Connewey Electric Laboratories**
Ad for "Magnatron" tubes, Feb92: 17
- Constitution and By-laws of MAARC, Apr86: 11**
- Continental Radio & Television - See Admiral**
- Cook, Carter**
Texas Instruments and the Regency TR-1, by C. Cook,
Aug02: 11
- Coon-Sanders Dance Band**
The Coon-Sanders Nighthawks: A Dance Band Shaped
by Radio, by B. Belanger, Feb00:1
- Corbin, Alfred**
The Beast and I—Part 1 or How I Fixed a Philco 41-616
and Found Religion, Mar14:1; Part 2: May 14:10
Reclamation of a Philco Basket Case (46-200), Sep15:10
- Cornell College**
Student Radio at Cornell College Circa 1950, Dec15:12
- Cornell-Dubilier**
William Dubilier: Wireless Pioneer and His Companies,
by B. Belanger, Apr14: 7
- Coronado**
Model O5RA2 repairs, Sep00:7
- Cossor tubes**
Ad reproduction, Aug96:4
- Costello, Lou - See Abbott and Costello**
- Courier (United Reproducers)**
Cavac and Courier with Kyelectron, by
H. Trolander, Jun98:11
- CPRV - see Committee to Preserve Radio Verifications**
- Crackle finish restoration hint, Feb85: 5**
- Craig, Palmer**
Tidbit, Jul16:9
- Crescent Radio Supply Co.**
Ad reproduction for Lavite resistors, Apr91: 5
- Crosley**
6J7 as converter tube, Mar25:8
Ad reproductions and other advertising:
Bandbox, Sep88: 10
Model 5-75, Feb89: 12
Model X, Jul92: 16
Model XJ, Feb99: 6
New Buddy, Oct89: 20; Mar95:13
Paper mache woman seated in chair, Sep99:9, Nov99:11
Pup model from 1932, Feb09:15
Radio Freq. Tuned Amplifier (RFTA), Mar85: 6
Showbox, Oct99:12
Super Musicone, Oct88: 10
The Crosley Auto Expressionator and Phantom Conductor,
by B. Belanger, Jan98:10; Follow-up: Apr98:6
Johnny Smoker, Mar08:10 and Nov13:12
Model 148 restoration, by G. Shearer, Nov94:1
Model 179 schematic, Oct96:9
Notes on Noteworthy Crosleys, by E. Lyon, Mar08:1
RadioActivity 2008 Theme: Crosley, by E. Lyon, Sep07:1
Radio Facsimile, by B. Belanger, Feb05: 1
Reado tidbit, Nov07:10
Reprint from *Crosley Radio Weekly*, Feb99:5
Reproductions made in China with "Crosley" name, Dec88: 6
Thomas E. New, Ace Radios, and the Crosley Corp.,
by B. Belanger, Jun10:6
- Cross, Jim**
Useful Tube Information - Part 1, Dec10:1; Part 2, Feb11:8
- Crowe, Curtis**
Secrets of the TV-2 Tube Tester, Jun19:1
- Croydon**
Tidbit, Aug11:14
What is a Croydon? By G. Shearer, Sep23:11
- Crumpton Auction**
The Crumpton Auction De-Mystified, by J.
Ekstrom, Dec01:10, follow-up, Mar02: 11
- Crystal Oscillators**
Loewe crystal resonators, Jan08:10
Making Radio Signals Stable, by E. Lyon, Jul01:4

Piezoelectricity—From Radio to Broken Legs, by E. Lyon, July23:1
 Tidbit, Mar06:10, Sep07:10
 Tidbit on crystal history, May10:10

Crystal sets & crystal detectors
 50th Anniversary of the "Germanium Radio," by L. Sibley, Feb96:4; Follow up, Apr96:16
 Establishing a Provenance, by Daniel Sohn, Feb16:1
 The Detector Testing Buzzer, by D. Sohn, Feb21:8
 The Lambert Crystal Radio Company, by B. Belanger, Jun89: 9
 Leon Lambert & His Crystal Radios - Chapter 3, by B. Belanger, Mar90: 7
 Merry Christmas 1939?, (Philmore) by Steve Noga, Dec17:11
 More on the Lambert Crystal Radios, by B. Belanger, Aug89: 10
 Prison camp radio, Sep05:10
 The Washington Post Radio Set, by J. Koester, Dec22:10

Cudd, John
 Mebane Auction Follies-2022, May23:6

Cunningham
 Ad Reproduction, C-301-A tube announced, Jul87: 28

Curry, Walt
 Filament Dropping Resistors, Jun90: 10

Curtis
 Ad reproduction – Curtis electrolytic caps, Feb13:15

Curve Tracers
 Adventures with a Curve Tracer, by A. Douglas, Sep97: 9
 Further Adventures with a Curve Tracer, by A. Douglas, Nov97:11
 Yet More Adventures with a Curve Tracer, by A. Douglas, Mar98:9

Cvart Plastics, Inc.
 Model B Lucite radio, Sep92: 4

Cymax - see Northeastern Instrument Co.
Cymex - see Northeastern Instrument Co.
Cymosite - see Northeastern Instrument Co.

Dahlberg, Ken and Dahlberg Radios
 The Dahlberg Hospital Radio, by J. Koester, Oct21:p4
 The Dahlberg Hospital Radio (Redux), by J. Koester, Apr22:12
 The Life of Ken Dahlberg, by J. Okolowicz, Oct21:1

Daley, the Rev. Joe
 The Daley Plerophone and the Research Products Corp., Aug91: 6
 The Miraculous Plerophone, Nov97: 1, follow-up: Jul98:9
 Music of the Spheres, by E. Lyon, Jan07:1
 Radio Hist. Note, Aug91: 1

David Grimes – See Grimes, David

Death Rays (by radio)
 Radio Death Rays, by E. Lyon, Jan00:4

Decals
 Regluing loose decals, Dec88: 9
 Reproducing decals, Sep92: 5

de Forest
 See also Audion
 Ad Reproductions:
 Audion & audion detector unit (1916), May88:7
 DL and DV tubes, Feb98:4
 The Americanization of a de Forest, by E. Lyon, May11:13
 The Audion Comes to Europe, by E., Lyon, Jul07:1

de Forest and Transmitters, by L. Sibley, Feb00:6
 de Forest's First 3-Element Audion: An Accidental and Ambidextrous Gammatron, by E. Lyon, Mar14: 7
 Dr. Lee de Forest's RAE-79, by Gonshor and Houston, Dec04: 1
 Early Contract Radio Research in the Navy, by Ed Lyon, Jun91: 9
 Model D-12 schematic, Jul86: 16
 The Navy and de Forest, Jun92: 1
 New book available, Apr97:20
 Tidbit (AC generator patent, May11:10)
 TV Sets Branded Altec and DeForest, by L. Sibley, Dec21:11

de Freitas, Edison
 Mystery set in his collection, Mar91: 9

Delco
 32-volt farm sets, Sep05:10

DeMajo, John
 A Low Power AM Broadcast Band Transmitter for the Old Radio Collector, Mar15:11
 Restoring and Upgrading a Vintage Hallicrafters S-86 Receiver, by John DeMajo, Jul17:7

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

Detectors
 Approaching Audio: The Second Detector, by Ed Lyon, Jan24:7
 Carborundum Detectors, by B. Belanger, Apr99:1
 Grid Leak Detectors - discussion, by O. Parker, Apr85: 6
 Radio Components - Detectors, by E. Lyon, Feb89: 4
 Radio Components - More Detectors, by E. Lyon, Apr89: 6

Defefon (Polish radio mfr.)
 Radio Manufacturing in Poland in the 1930s, Apr09:7

Detrola
 Catalin arbors, May04: 10
 "Chrysler" radio, Nov88: 13
 , Detrola Art Deco Radios and a Phoenix, by E. Lyon, Mar24:8
 Detrola's PeeWee and the Silk Industry, by E. Lyon, May08:1
 Detrola Radios, by Bob Schmitz, Oct24, p.9 and Aug25, p1
 Putting the Searchlight on Off-Brands, by E. Lyon, Jul03: 1

Deutsch, Emory
 Safe Operation of Old Radios, Feb91: 6

DeWald
 DeWald Catalin Radios, by Ed Lyon, Oct88:4; Jan91: 3
 Look at all Those Tubes, by C. Scarborough (DeWald Model 1200), Oct00:9
 The Youngest Catalin Radio? [Model B612], by E.Lyon, Nov01:12

Dial Belts:
 For Atwater Kent Radios, by C. Marshall, Oct90:15
 Replacing Dial Belts, by J. Koester, Nov99:1
 Replacing Dial Belts by Ed Lyon, May22:9

Dial Cord
 Slipping dial cord, Aug08:10

Dial Lights - See pilot lights

Dial Pointers
 Replacements, Feb86: 4; Feb89: 3

Dial & Dial Cover Replacement and Restoration
 Dial & meter glass restoration hint, Feb85: 5
 Dial glass replacement, Aug91: 17
 Plastic dial cover replacements, Feb89: 3; Aug.91: 17;

Oct91: 14; Mar96:3
 Replacements, Aug90: 10; Aug98:13
 Restoring Plastic Dial Covers, Feb02: 12
 Screen printing, Aug91: 8
 Stovetop Dial Covers, by S. Noga, Feb09:13
Diamant, Alan
 Letter to the Editor (about Bendix), Dec14:14
Diatuner
 A Popular Mechanics Stone Soup Radio, by E. Lyon
 and J. Sousa, Nov10:1
Digital Radio
 E. H. Armstrong—Inventor of Digital Radio, by
 Joe Sousa and E. Lyon, May10:1
 Tidbit by E. Lyon, Jan07:10, Mar07:10
Dilks, John
 The RECO Key Story, June12: 1
Direction Finding - See Navigation
Displays
 An Antique Radio Library Display, by J. Fisher, Oct08, p. 1
 Preparing Old Radios for Exhibit, by R. Lozier, Nov89: 7
Distortion
 Tube Amplifier Distortion, by J. Reid, Sep94:1
Diversity Reception
 Diversity Reception and the SP-600 Receiver, by
 E. Lyon, Nov04: 1
Dixie – See American Wholesale Corp.
Dixon, Roy
 Those Fabulous Bakelites, Oct85: 7; Nov85: 4
Dodgen, David
 The Dreaded Silver Mica Disease, Apr23:12
 The Dreaded Silver Mica Disease, Part 2, Aug23:12
Dodgson, John G.
Dodson, Nick
 When Section T Became APL, by Domi Sanchez, Feb19:8
Doerle Radios
 A Beginner's Doerle Receiver, by E. Lyon, Mar04: 8
Dolby Audio
 Dolby Audio, Nov21:11
Donle, Harold (See Sodian)
Doron Brothers
 Ad Reproduction - Standard Receiving Transformer,
 Jun90: 20
Doubleday-Hill Electric Co.
 The Doubleday-Hill Electric Co. Broadcasting Stations,
 by E. Lyon, Nov99:12
Douglas, Alan
 Adventures with a Curve Tracer, Sep97: 9
 Adventures with Loftin and White, Aug95:1
 Almost Too Good to Be True, (Wartime restrictions
 on production), Sep96:10
 A Baby-Boom Signal Generator, Mar96:4
 Ballantine Variotransformer, May00:12
 A Followup to Project Tinkertoy, Mar94:3
 Functional Schematic of the RCA AR812 Superhet, Sep96:8
 Further Adventures With a Curve Tracer, Nov97:11
 Getting By With a DuMont Oscilloscope, Mar99:1
 Low Tech Test Equipment Troubleshooting, Mar00:9
 The ME-297/U or AN/USM-223 VOM, Mar92: 5
 The "Missing" Little Nippers - A Follow-up, Jan99: 11
 Obituary, Jan16:6
 Outfitting Your Bench - Another View, Nov98:7
 A Switch(ing) Power Supply, Sep95:9

Testing Tubes that Aren't on the Hickok Roll Chart,
 May97: 8
 A Tip-Top Tube Mystery, Jun11:5
 Tube Tester Topics; Part 1, Sep95:4; Part 2, Oct95:1;
 erratum on Part 2, Nov95:6; Part 3, Nov95:6; Part 4,
 Mar96:7; Part 5, Jul96:6; Part 6, Nov96:12; Part 7,
 May97: 6; Part 8, Jul97:8
 Vacuum Tube Leakage Testing, May95:8
 When Tube Testers Disagree, May98:10, correction: Jul98:15
 Yet More Adventures With a Curve Tracer, Mar98:9
Dragnet
 Television Repair in a Dragnet Episode, Jun15:1
Drake, Charles
 RCA AP-1 Car Record Player, Apr25:1
Drift - see frequency drift
Drive belts - See Restoration tips - Drive belts
Drones
 Radio controlled, Sept 24: 8
Dubilier
 Ad Reproduction - "Ducon" lamp socket aerial plug,
 Jan86: 2; Apr89: 12
 The Dynergy Receiver—Just Plug It In, Oct12:1
 Quirky Radio Antennas in Disguise, by J.
 Okolowicz, Dec19:1
 William Dubilier: Wireless Pioneer and His Companies,
 by B. Belanger, Apr14: 7
 When Socket Power Came to Raio, by E. Lyon, Sept22:1
DuMont
 Allen B. DuMont—Magic Eyes, CRTs, Oscilloscopes,
 and Television, by B. Belanger, Feb10:1
 Getting By With a DuMont Oscilloscope, by A. Douglas,
 Mar99:1
Dunmore, Francis
 The Dynergy Receiver—Just Plug It In, by B.
 Belanger, Oct12:1
 When Socket Power Came to Raio, by E. Lyon, Sept22:1
Duvall, E. B. (Ted)
 The RECO Key Story, by John Dilks, June12: 1
DVD Reviews - See Book Reviews
Dynamic Antenna
 Aerials Are Unnecessary?, by B. Belanger, Dec20:14;
 Follow-up, Dec21:13
Dynamotive Radio Corp.
Dynergy – See Dynamotive Radio Corp.
Earhart, Amelia
 Amelia Earhart Putnam-Pilot? Yes; Radio-Person? No, by E.
 Lyon, May99:11
 Amelia's Legacy in Radio, by E. Lyon, Nov03: 6
 More information, Nov21:13
Early Television Museum (Hilliard, OH)
 Antique Radio and Television Museums, by B. Belanger,
 Jun04: 8
Earphones - See Headphones
E-bay Auction
 Buying and Selling on eBay, by Domi Sanchez, Feb16:12
 Continuous Old Radio Auctions on the Internet,
 by D. Parks, Aug98:14
 ebaY—Salvation or Ruination of Radio Collecting, by
 Ed Lyon, Jan09:6
 How to Make Money on eBay, by D. Parks, Apr02: 6
Echo (Polish radio mfr.)
 Radio Manufacturing in Poland in the 1930s, Apr09:7

Eddy, Bruce

Wells-Gardner Initiative, Aug24: 1

Education

Electronics Education Techniques-A Sequel, by
Ed Lyon, Mar16:11

ECL Test Equipment

Monthly Auction Yields Unusual Equipment, by
B. Goodwin, Oct.11:9

Edison (Thomas A. Edison, Inc.)

Those Thick Edison Records, Sep07:14
When Ponderous Companies Ponder, by E. Lyon, May07:1

Eico - See Electronic Instrument Co., Inc.**Eimac**

Major Armstrong: An "Eimac Man", by L. Sibley, Apr09:1

Eisemann

Ad reproduction (3-dialer), Jan96:13

Eisenbrey, Ron

Heathkit TT-1A Mutual Conductance Tube Tester
Restoration, Aug12:1

Eitel-McCullough

Frequency Modulation: An Appreciation, by L. Sibley,
Feb04: 1

EKCO (E. K. Cole)

AD-36: Rounding Out My Collection by R. Schmitz,
Dec24:1

Ekstrom, Joel

The Crumpton Auction De-Mystified, Dec01:10
HQ-180 problem, Feb09:14
Type 45 Tube Substitution, Aug09:13

Electrad

Early Broadcast Variations of the Fleming Valve, by
Daniel Sohn, Jun18:8

Electro-Mite

Ad Reproduction, "Pee-Wee" radio, Jun92: 19

Electrolytic capacitors - See Capacitors**Electromagnetic Pulse**

Argus, Delta, Gamma, and Another Greek, by E.
Lyon, Sep23:1

Electronic Instrument Co., Inc. (EICO)

Ad Reproduction - various kits, Aug92: 19

Electronic Laboratories, Inc.

Electronic Laboratories, Inc. (history), by Ed Lyon, Feb17:11

Electronics Industry

Destruction of the US Consumer Electronics Industry,
by P. Hart, Apr23:1

Elektrit (Polish radio mfr.)

Radio Manufacturing in Poland in the 1930s, Apr09:7

Elkay

Ad Reproductions:
Senior and Junior, Oct91: 20
Tube Equalizer System, Mar89: 16

Elkon

Ad reproduction, dry rectifiers, Dec92: 12

Eltz, Nicholas

Nicholas Eltz and His Radione Receivers, by E. Lyon,
Nov04: 13

Electrical Laboratories Co.

Aerials Are Unnecessary? by B. Belanger, Dec20:13

Elwell, Cyril

The First Entertainment Broadcast, by E. Lyon, Dec89: 1

Emergency Radios

Fetching Help by Radio (Gibson Girl, BC-778),

by Ed Lyon, May25:9

Emerson [Radio and Phonograph Co., Radio and Television Company.] (Emerson Radval Company listed separately)

Alexis de Sakhnoffsky: Designer, Artist, Promoter,
by John Okolowicz, Apr19:1
Baffling Breakdowns and Fluky Frequencies, by T. Hannah
(Emerson BL-214), Jun99:1

The Emerson 31 Caper, by E. Lyon, Jul03: 14

Emerson and Ingraham, by B. Belanger, Dec93:13

The Emerson Model 868 Miracle Wand, by P.

Farmer, Aug06:1

Emerson Radio Advertising Sign, by E. Brady, Oct14:9

The Emerson Radio and Phonograph Company,

by B. Belanger, Feb02: 1

Emerson Radios, by E. Brady, Oct11:1

Emerson--The Sequel, by B. Belanger, Oct02:1

Is This Dial Correct? [Emerson AX235],

by P. Farmer, Mar02: 9

A Little More on Emerson, by D. Houston, (DS series),
May94:7

The Marblette Corporation and Radio Cabinets (cabinets
for Emersons) by E. Lyon, Jul99:10

Model 161 Mystery, by Eric Stenberg, Oct17:12

Model 20-A, Aug93:16

Model 31, Jul03: 14, Sep03: 10

Model 815: The Corona Radio Project, Aug20:10

More Emerson Catalins, by E. Lyon, Sep90: 8

Part 923024 "Integrated Circuit" Tidbits Apr19:9

Plain 'N Fancy, by Bob Schmitz, Aug25, p1 (321AW)

Restoring Inlay Strips for an Emerson Ingraham Cabinet,
by E. Stenberg, Mar12:1

Scott Performance from an Emerson (DS-365), by
E. Lyon, Jul22:12

Tidbit on cardboard-like cabinets, Oct94:14

Tombstone Catalin, by E. Lyon, Jul89: 5

Emerson Radval Company

The Emerson Multivalve, by B. Belanger, Aug03: 12

Emor

Model 100, Tidbit, Nov20:9

Empress (Empire Designing)

An Empress, by P. Hyman, Feb06:9

Interesting Radios, by J. Koester, ("house" radio), Jul85:10

EMUD

Super 561 W, Appearances Can Be Deceiving,
by R. Schmitz, Dec24:6

Encryption

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

El Alamein - Before and After, by E. Lyon, Nov99:5

How Rejewski Broke the Enigma Machine,
by E. Lyon, Nov02: 6

Energy Concepts, Inc. - See ECI**Engineering and Research Co. (ERCO)**

Radio Evesdropping in the 1940s, by El. Lyon, Nov97: 5

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

Engstrom, Bill

Restoring a Sparton Nocturne, May93:1

Enigma - See Encryption and Spying**ERCO, see Engineering and Research Co.****Eslinger, Bob**

Tidbit, Oct94:14

Espenschied, Lloyd

- Parallel Universes of Radio Development, by E. Lyon, Jul03: 5
- Esposito, Frank**
A Low-Cost Substitute for Type 45 Tubes, Oct91: 3
- Essigmann, Skip**
3-D Printing, Oct15:9
- Estes, Richard**
Obituary, Jan15:6
- Eveready**
Farm Radios—4, by Ed Lyon, Jan09:13
- Everett, Paul**
The Great Radio Panic of 1938, Mar97: 9
- Excello Radio**
- Ad Reproductions:
Model 154, Jul89: 11
Model 172, Dec88: 22
Midget, Feb90: 20
- Fabris, Robert**
The Wunderlich Tube, Oct90: 7
- Facebook**
Facebook Affinity Groups, by D. Sanchez, Jun20:7
- Facsimile**
Radio Facsimile, by B. Belanger, Feb05: 1
Reado (Crosley) tidbit, Nov07:10
A Secure Facsimile Printing Machine, by E. Lyon, Mar23:12
- Fada**
Ad Reproductions
Models 42, 44, & 46, Apr00:13
Model 160, Jun00:12
Model 845, Jan90: 6
The Case of the Purloined Grille, by E. Lyon, Nov09:1
Fada Catalin Radios, by Ed Lyon, Mar88:4, Apr88:3;
May88:15; Jan91:3; Mar91:5; Jan92:1
Flash-O-Graph – Tidbit, Apr06:14
Frank A. D. Andrea: An Immigrant's Tale of Success With A
Long Island Connection, by Paul Litwinovich, Dec17:9
Models 252, 652, 659, Jan20:11
- Faguet, Dmitri**
My RF8 Miniature Home-Bew Radio,, Mar23:1
- Fakoury, Peter**
Grandma Had It Right, Jun90: 12
- Falck - See Advance Electric Co.**
- Fallfest**
MAARC's Autumn Radio Meet – Fallfest 08, by
Paul Farmer, Nov08:13
- Faraday**
Ad reproduction: Shortwave receiver, Aug93:20; Aug98:13
- Farm Radios**
Battery Eliminator, by T. Shotts, Oct85: 4
The Farm Radio: Another Look, by T. Hannah, Sep86: 8
Farm Radios—Bargains Available, by E. Lyon, Sep08, p. 14
Farm Radios – Part 2, by Ed Lyon, Nov08, 1
Farm Radios—4, by Ed Lyon, Jan09:13
More Power to the Farm Radio, by T. Shotts, Apr87: 6
Setchell-Carlson—and Odd Power Sources, by E.
Lyon, Jan12:8
Tidbit, Sears 32-volt radios, by E. Lyon, May07:10
Type 48 Tube Replacement, by C. Rhodes, Jun 97: 14
Type 48 tube types and quirks, Jul11:11
- Farmer, Greg**
More on Private Brands: International Kadette, May90: 4
- Farmer, Paul**
AWA—2003 Carolinas Meet--Informal Report, May03: 12
AWA—2010 Carolinas Meet Report, May10:9
Back to Lansing: Another Radio Extravaganza, Aug05:12
Book and Journal Reviews
Spahr, Lisa, *World War II Radio Heroes—Letters of Compassion*, Sep08, p. 13
The Emerson Model 868Miracle Wand, Aug06:1
Extravaganza 2003 (with R. Lozier), Sep03: 13
H. H. Scott Hi-Fi—Then and Now, by P. Farmer, Apr06:1
The Hoffman P410, Apr05: 1
Is This Dial Correct? [Emerson AX235], Mar02: 9
Lansing Radio Extravaganza: Still the Best, by P.
Farmer, Sep07:6
MAARC's Autumn Radio Meet – Fallfest 08
Membership, Membership, Membership, Jun00:15
More on the Hoffman P410, Aug05:1
Obituary, Jul12:14; Aug12:13
An Open Letter to Radio Collectors, Mar05: 7
The Perils of Radio Shipping (with Greg Gore), Dec00:8
Radio Age: Not Just a Club Newsletter, Jan01:8
Report from Charlotte [AWA], May02: 7
Rochester 2003, A Quick-Look Report (with R. Lozier),
Sep03: 12
The Sony TR-510, Jun04: 5
Sony TR-55 Surfaces on eBay, Jan04: 12
Transistor Radio Heaven, Sep04: 9
- Farnsworth, Philo T.**
How RCA and Farnsworth Camera Tubes Were Different
By L. Greenough, Dec02: 1
Inventor of TV Worked in Hill Studio, Jan93: 1
Parallel Universes of Radio Development, by E.
Lyon, Jul03: 5
A Trip Through the Farnsworth Television Laboratories,
Oct97: 11
- Federal Communications Commission**
MAARC Participates in FCC's 60th Birthday Celebration,
Dec94:15
Tidbit (monitoring station in Laurel, MD), Jul06:11
Tidbit (1929 radio car), Sep12:10
- Federal Telegraph (of California)**
The First Entertainment Broadcast, by E. Lyon, Oct89: 1
Kolster Radio Corporation, (company book reprint), Apr17:1
Who's On First? – or – How Navy Radio Covered Its
Bets, by E. Lyon, Jan15:1
- Federal Telephone & Telegraph (of New York)**
Ad reproductions: Crystal detector, Nov85: 5; Federal Junior
Crystal Receiver, Mar90: 12; Model 59, Nov86: 3,
Model 110, Dec01:5
Model 1024TB, TD Catalins, Nov89: 4; Mar90: 5
Plain 'N Fancy, by Bob Schmitz, Aug25, p1 (1540T)
- Feedback**
Feedback in All-American Five, from J. Sousa, Mar10:10
- Ferristors**
Things that Rhyme With Resistors, by Ed Lyon, May16:12
- Fessenden, Reginald**
Early radiotelephone experiments in MD, by F. Kohl,
Jul85: 6
Radio Historical Note, by E. Lyon (GE alternator), Oct86: 4
Radio Historical Note, by E. Lyon (heterodyne detection),
Jan87: 9
Station in Washington, DC, Jan96:9

Who's On First? – or – How Navy Radio Covered Its Bets, by E. Lyon, Jan15:1

Fiberloid Co.
Radio cabinets, Dec88: 3

Fiberlon - See Fiberloid Co.

Fick, Steve
More on Testing Tubes in Bulk, Oct93:13

Finland and Finnish Radios
An' a One, an' a Two...by E. Lyon, Nov03: 13

Firestone
Firestone S-7404-2, Mar22:9

First, Matt
Newspaper article about his collection, Mar87: 11

Fisher, Avery
Obituary - Jun94:23

Fisher, John
An Antique Radio Library Display, Oct08, p. 7

Fishwick Radio Co.
Quirky Radio Antennas in Disguise, by J. Okolowicz, Dec19:1

Flash-O-Graph
Tidbit, Apr06:14

Fleming, J. A., and Fleming Valve
Early Broadcast Variations of the Fleming Valve, by Daniel Sohn, Jun18:8

Fluke (test equipment)
A DMM Service Hint, by T. Hannah, Aug 99:6

FM - see frequency modulation

Football
Football by Radio, Oct97: 16

Foothill Electronic Museum
Emergency--Help Save a Museum, by G. Schneider, Mar90: 1

Forbes, Jay
A Miracle Repair, Oct23, P5
Chassis Repair of Zenith Model 8C20, 1946, Jan90: 8
Coil Rewinding, May90: 6
Resistance Line Cord Replacement Circuit, Feb90: 12
Wunderlich Tube Replacement, Jun90: 15

For the Record
Many issues of *Radio Age* include a discussion of what happened at the previous meeting. Because there are so many of these, they are not listed here.

"Fox" Broadcast (U.S.Navy)
The Fox Broadcast Grows Mature, by Ed Lyon, Sep25, p1

France and French radios
The French-Soviet Connection, by J. Koester & Jiri Placek, Oct18:6
Two World War II Radios from Europe, by E. Lyon, Jan97:10

Frankenberry, Ken
Put Money Into Radios, by J. Koester and K. Frankenberry, Dec06:12

Freeburger, Barron
Three Live Wires and a Dove, Feb91:1. (See also follow-up item in Apr91:16)

Freed and Freed-Eisemann
Tidbit, Nov09:12

Freedman, Mike
Obituary, Nov23, p.14

Frequency Assignments& Control
1941 shifts in frequency assignments for broadcasting,

Jul88: 4
Making Radio Signals Stabler, by E. Lyon, Jul01:4

Frequency Drift - curing
What's Going on Here, by T. Hannah, Oct91: 10

Frequency Meters
A Poor Man's Frequency Meter, by D. Johnston, Jun03: 9

Frequency Modulation
Adding FM to your Zenith Receiver, Aug24: 5
Another AM-FM Mixup, (aligning FM radios), by E. Lyon, Nov04: 6
Armstrong's Pinnacle, by E. Lyon, Jan86: 3
Broadcasting and Snake Oil, by E. Lyon, May04: 12
Channel numbers for the FM Band, Apr86: 8
Edwin Armstrong: Genius of FM Radio, by J. Amador, (2-part article), Nov90: 6; Dec90: 1
An FM for Your Old AM, by J. Koester, Jul91: 9
FM Broadcasting in a Whole New Light, by Ed Lyon, with Joe Sousa, Sep08: 1
FM converting to digital, Tidbit, Feb17:8, May17:8
Frequency Modulation: An Appreciation, by L. Sibley, Feb04: 1
The Great FM Move--A Lesson in Hard Selling, by E. Lyon, Mar01:7
The "Other" FM Radios, by E. Lyon, May12:11
A Popular Mechanics Stone Soup Radio, by E. Lyon and J. Sousa, Nov10:1
Post War to Pre War FM Band Receiving Converter, by A. Mitz, Jul99:4
Servicing FM receivers in the '40s, Jul11:10
Simplification and Innovation: Making FM Radios Affordable, by E. Lyon, May05: 6
The Struggle for FM Broadcasting, by E. Lyon, Jan05: 1
Tidbit (ratio detector), Mar11:19
Tidbit (dial calibration problem), Mar16:8
Turn an Old FM Tuner into a Stand-Alone Receiver, by D. Parks, Jan97:1

Frequency Shift Keving
Diversity Reception and the SP-600 Receiver, by E. Lyon, Nov04: 1

Freshman, Charles, and Freshman Co., Inc.
Ad Reproductions
"B" battery eliminator, Jul86: 16
Quirky Radio Antennas in Disguise, by J. Okolowicz, Dec19:1
Variable grid leak & condenser unit, Sep91: 12

Friedman, Richard
Building My Own Radio Cabinets, Dec22:13

Frisbie, Ron
Obituary, Mar18:14
Tidbit – RCA award, Dec06:13

Frost Radio
Ad reproductions: Feb91:11; Apr91:8; Oct98:11

Fuses and Fusing
Don't Forget to Fuse, by T. Hannah, Jan90: 8
Hints, Fusing, by C. Rhodes, Dec90: 10

Gager, Frank Malcolm
Music of the Spheres, by E. Lyon, Jan07:1

Gammatrone - See Heintz and Kaufman

Gelman, Chester
The Magic Eliminator, Oct93:10
More on the Motorola Magic Eliminator, Feb94:4

Geiger Counters

Geiger Counters: Real and Otherwise, by S. Imms, Mar2:1
Tidbit: Nov24:8

General Electric

Ad reproductions

Model 65 Clock Radio, Nov86: 13

Model 165 3-way portable, Mar87: 13

Model A-62, Jun07:8

Tungar bulbs, Feb97:12

Aircraft Radios in the First World War,

by Ed Lyon, May17:1

Colorama Tuning System, Dec16:11; Jan21:11

The General Electric Magnetrons, by E. Lyon, May14:1

GE Superadios, Yesterday and Today, by T. D.

Zimmermann, Mar04: 1

GE's Wet Cell Portables, by C. Rhodes, Jun 97: 11

Irving Langmuir and Vacuum Tube Development, by

Brian Belanger, Dec16:13

Models 250 and 260, Jun97: 11

Model HM-171 Television attachment, Oct96:1

Phasitron tube, May04: 12

"A Queen's Messenger," by D. Sohn, Dec13:1

Restoring a GE Colorama Radio, by R. Roscoe, Aug04: 1

Role in the birth of "The Radio Group," Mar85: 3

Apr85: 3; May85: 4

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

General Motors Radio

Ad Reproduction - Model 250 ("Little General"),

May85: 10

General Motors Radio, by B. Belanger, Feb01:1

General Radio

Almost Too Good to Be True, by A. Douglas, (repro. of

WWII era production problems comments), Sep96:10

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

Model 650A impedance bridge, Jul15:8

Model 1307A Audio Oscillator, by G. Symonds, Aug90: 13

Germanium Diodes and Transistors

50th Anniversary of the "Germanium Radio," by L. Sibley,

Feb96:4; Follow up, Apr96:16

Germanium Products Co.

RDR and the Magic-Tone Bottle Radio, by J.

Okolowicz, Aug19:1

Germany, German radios, and German Tubes

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

El Alamein - Before and After, by E. Lyon, Nov99:5

Funkspiel--Part 1, by E. Lyon, Mar02: 14

German Radio Museum, Oct06:14

"German" Tubes by Western Electric, by

L. Sibley, Mar97:12

Hooked on German Radios, by J. McDermott, Oct92: 11

The Legend of the Volksempfänger, by E. Lyon, Sep18:1

The Luxemborg Effect, by E. Lyon, Mar02: 1

Radio and the Fall of the Third Republic, by E.

Lyon, Sep99:1

Schematics for German radios, Jun01:11

Spies Who Came In From the Cold, by E. Lyon, Sep02: 1

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

Tidbit on restricted listening, May06:11

Tidbit on shortages in Germany affecting radio
production, Mar24:13

Two World War II Radios from Europe, by E.

Lyon, Jan97:10

A Very Klein Kleinempfänger, by E. Lyon, Nov97: 9

"You're Listening to Charlie and His Orchestra..." by

E. Lyon, Jan97:4

Volksempfänger tidbit: May20:12

Gernsback, Hugo

Hugo Gernsback and His Miniature Magazines, by B.

Belanger, Feb93: 8

Hugo Gernsback and Radio, by E. Lyon, Jan08:1

Radio Death Rays, by E. Lyon, Jan00:4

Radio League of America, Mar86: 4

Reprint of Ralph 124C 41+ available, May91: 6

Getters, vacuum tube

- All About Getters, by B. Belanger, MAARC Monograph #1,

May87; see also additional info. on above article (from L.

Peckham), Aug87: 8

G & F Radio Company

Putting the Searchlight on Off-Brands, by E. Lyon, Jul03: 1

Gibson Girl emergency xmtr.

Fetching Help by Radio (BC-778), by Ed Lyon, May25:9;

Also, Oct93:8

Giglio, Dom

On The Radio: San Francisco International Airport Salutes

Radio History, by E. Lyon and D. Giglio, Nov18:1

Gilfillan

California Midgets—and One From Sandusky,

by E. Lyon, Mar15:1

Gillespie, Donnie

New Editor on the Block, Dec22:15

Gillette

Early and Late Rarities in Catalin, Jul04: 8

Model 4S Catalin, Dec88: 3

Global Positioning System (GPS)

Where Am I – and Who Wants to Know? By

E. Lyon, Nov22:1

Globe Electric

Globe Electric of Milwaukee, by D. Boyce, Apr11:1

Globe Radios

Around the World With Globe Radios, by J. Okolowicz,

Apr20:1

Globe Trotter Radio Co.

Around the World With Globe Radios, by J. Okolowicz,

Apr20:1

Gloritone

Model 24 service hint, Nov96:9

Gluing

Glue for a tight bind, by Domi Sanchez, Jun16:12

Good, Robert

Product Review: Radio Era Archives Rider's Manuals on

CD-ROM, Feb99: 14

The Showers Consola, Aug98:1

Gobrecht, E. J., Obituary - by C. Mooney, Aug94:11

Golden Age Radio (Baltimore antique radio store), Oct92: 19

Golden Radio Buffs of Maryland

Celebrate 25 Years! Apr97:19

Goldmark, Peter

Color Television at CBS, Jul17:9

Goldsmith, Alfred Norton

Alfred North Goldsmith, by B. Belanger, Aug10:9

Goller, John

Adding FM to your Zenith Receiver, Aug24: 5

How To Service a Zenith Shutter Dial Radio, Feb13:8

Gonshor, Dave

Dr. Lee de Forest's RAE-79 (with Doug Houston), Dec04: 1

The Silvertone Model 112, by D. Gonshor, Mar11:1

Goode Tube Corp.

Ad Reproduction - "Two-O-One A," Jun90: 17

Goodwin, Bill

Arvin 402: The Powertone-Disney Link, (with Dan Howard), June 2012, p. 5

Book, CD, DVD, and Journal Reviews

Husfloen, K., *Antique Trader Radio and Television Price Guide* (B. Goodwin), Feb06:11

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

Minerva Table Radio Model W-728 Resurrection, Jun13, p. 8
Monthly Auction Yields Unusual Equipment, Oct.11:9

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

Gordon Mfg. Co.

The Super-Ball Antenna Company, by G.

Hunolt, Part 2: Aug11:9

Gore, Greg

The Perils of Radio Shipping (with Paul Farmer), Dec00:8

GPS – See Global Positioning System

Grams, Martin

The Day Lou Costello Cried on Radio, Oct17:9

Granoff, Howard

More on Resistance Line Cord Replacement, Aug90:8

Gray, Richard

Jackson-Bell – Not a “Me Too” Company Part 1,

by R. Gray and J. Ryan, Aug22:9; Part 2, Dec22:1

Jackson-Bell Goes Small in a Big Way, Part1, by R. Gray and J. Ryan, June23:1

Great Lakes

Wireless on the Great Lakes, by L. McDonald, Oct06:1

Grebe

Ad Reproductions

Model CR-10 console, Aug92: 15

Synchrophase Seven, Nov87: 7

A. H. Grebe & Company, Inc., by Don Patterson,
(Multi-part story), Apr05: 7; Jun05:6, Apr06:9,
Oct06:7, Dec06:1, Apr07:9

Precision Mica Capacitors in the Grebe Synchrophase,
by L. Bassett, Aug04: 12, Erratum, Oct04: 5

Saving a Sawed-Off Grebe CR-9, by C. Mooney, Jun01:5

Green, Raymond

Replacing Atwater Kent Tuning Belts, Dec05:14

Greenough, Leighton

The Amrad Buildings and I, Jun03: 6

An Application of Spherical Coils, Oct00:10

Color Television Follow-up, Apr05: 14

How RCA and Farnsworth Camera Tubes Were Different,
Dec02: 1

Improving the AES Wireless Oscillator, Apr01:10

A Link Between Articles by Two of our Authors, Feb02: 12,
follow-up, Aug02: 13

My Encounters with the Theremin, Jul94:13

A Plug-in Module with Time Delay and Soft Start to
Replace Rectifier Tubes, Jun 03: 11

Obituary, Mar11:14, Apr11:15

RCA and My Family, Aug01:11

Greenough, Nevell

The Phono Oscillator Revisited, Jul88: 6

Play it Again, Sam-IV/ New Lamps for Old, Part 1,
May89: 7

Portable, Affordable B Batteries, May88: 8

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

Grid Bias and Grid Bias Cells

Another Idea for Button Cell Replacement, by K. Lichtle,
Aug20:9

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

Grid Bias Cells, by B. Belanger, Oct90: 13

More on Grid Bias Cells, by T. Hannah, Feb92: 16

Tidbit (grid bias for 12SQ7 tubes), Mar11:10

Grid Leak Detectors

Discussion, by Orval Parker, Apr85: 6

Grid Leak Resistors

Measuring Old Grid Leaks, by D. Mackiewicz, Jul97: 7

Grille Cloth

Cementing Grille Cloth, Jun90: 8

Cleaning and tightening, Jun91, p. 18

Grille Cloth and the April Meeting, by E. Stenberg, Apr01:9

Grille Cloth Installation – Another Way, by D.

Poland, and J. Koester, Oct19:10

A Little Bit of Grille Cloth History, by J. Okolowicz,
Mar94:1

Grigsby-Grunow - See Majestic

Grimes, David

David Grimes and His Inverse Duplex, by B. Belanger,
Dec09:5 (Follow-up, Feb10:15)

Gross, Herman

Feedback (correction and hint), Jan96:5

Ground Radio Propagation

The Well-Grounded Radio Conspiracy, \
by Ed Lyon, May17:9

Grunow

Ad reproduction

Window display from 1936, Jan01:15

Chain Drive Dial Belt Replacement, (Model 596), Jun13:9

Grunow 450 - Oh, What a Challenge, by G. Shearer,
Sep97: 16

The Grunow Teledial Model 1541, by J. Koester, Sep91: 6

Model 5B restoration hint, Jan97:12

Model 501, Tidbit, Nov20:11

Model 550: Hybrid Radios – How They Happen, Nov19:12

Zero-beat tuning indicator, Dec16:11

Guitar Amplifiers

Vintage Amplifiers Made Daily, by Domi Sanchez, Jan17:2

HAARP Transmitter (military installation in Alaska)

Tidbit, Nov18:8

Haid, Lionel

Another RCA Prototype?, Jul95:11

Haines, Edgar F.

Philco Radio Designer, by J. Okolowicz, Oct94:1

Hallicrafters

Ad Reproductions

Model S-77, Nov86: 13

Model SX-28, Super Skyrider, Apr89: 5

Sky Champion, Apr89: 5

Super Skyrider, 1936, Feb07:15

Hallicrafters At Their Best, May18:10

Model S-120 restoration, Jul95:12

A New Life for an S-38, by D. Parks,
Oct99:1; correction, Apr00:1

- Restoring and Upgrading a Vintage Hallicrafters S-86 Receiver, by John DeMajo, Jul17:7
Tidbit, Nov16:8
- Hammarlund**
Ad Reproductions
Comet Pro, Jan86: 10
Products in general, May 97: 16
Transformers, Oct90: 19
Collectable Aircraft Radios by E. Lyon, Part 2, Sep05:1
Diversity Reception and the SP-600 Receiver, by E. Lyon Nov04: 1
HQ-180 problem by J. Ekstrom, Feb09:14
Oscar and Lloyd Hammarlund and their Shortwave Receivers, by B. Belanger, Feb08:8
SP-600JX-21 recapping, Sep04: 1, Jul22:8
- Hammond, John Hays, and Hammond Labs**
Parallel Universes of Radio Development, by E. Lyon, Jul03: 5
- Radio Hist. Note, by Ed Lyon (superhet. development), Jan87: 8; also, Jun91: 9
Secret Wireless, by Ed Lyon, Nov86: 5
- Hammond Museum (Guelph, Ontario)**
Antique Radio and Television Museums, by B. Belanger, Apr04: 1
- Ham Radio – See Amateur Radio**
- Hannah, Ted**
Another Cool Radio Lamp, Dec06:7
Back to (Ballast) Basics, Jun06:14
Baffling Breakdowns and Fluky Frequencies, Jun99:1
Book and Video Reviews:
Around the Dial: The Wonderful World of Vintage Radios (Video), Mar95:10
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, by D. & B. Johnson, Jul89: 3
Old Time Radios! Restoration and Repair, by J. Carr, Mar91: 3
Philco Condensers and More, by Ray Bintliff, Apr00:14
Capacitor Data, Jun89: 16
A Capacitor Short Story, Nov96:8
The Canny Mr. Kent, Sep87: 7
Cementing Speaker Grille Cloth, Jun90: 8
The Changing Sound of AM Broadcasting, May88: 21
The Coca Cola Cooler Radio: Who Made It?, by T. Hannah, Jun03: 10
Construction of AES's Battery Eliminator Kit: Another Look, Jun01:4
Diabolical Dial Cords of the RCA Strato-World, Aug90: 14
Disassembling and Repairing a Classis: The Zenith Trans-Oceanic, May93:8
A DMM Service Hint, Aug99:6
Do Not Resuscitate this Radio, by T. Hannah, Dec02: 1
Don't Forget to Fuse, Jan90: 8
An Example of Elegant Engineering: The Scott 800-B, Jul93:4
The Farm Radio: Another Look, Sep86: 8
Fine Tuning a Stromberg-Carlson Power Supply, Sep94:7
The Henry Kloss Model One Radio, Dec01:1
Hints on Restoring the Majestic Models 90 and 100, Sep90: 6
Inoperative Portable Radios, May89: 4
Inoperative Magic Eye Tubes (repairing), Jan85: 3
Isolating the Problem, Dec99:11
The Little Brick Town on the Prairie, May88: 24
MAARC Memories, Aug06:14
MAARC's Semi-Secret Schematic Service, Feb93: 12
Making Do In World War II, Jun95:10
Mini-profile: Bush and Lane Model 12SG, Jan89: 13
Mini-profile: RCA Radiola 80, Apr89: 4
More on Grid Bias Cells, Feb92: 16
More on Shadow Tuning, Oct91: 6
More on the Philco Car/Home Radio, Aug89: 15
More on Zenith Radios Not Made by Zenith, Jul90: p 8
Mystery Radio (Am. Foundation for the Blind), May87: 14
Mystery Radio a Mystery No More (Detrola "Chrysler") Nov88: 13
Mystery Station on the Expanded AM Band, Jan96:11; Follow up, May96:4
The Non-stop Signal Generator, Oct89: 6
Nostalgia Time: NAA Arlington, Sep89: 3
Notes on the Majestic Models 51/52, Jun05:14
Obituary, Feb18:4
One Very Large Radio, Apr01:7; Errata: Jun01:10
Philco's Shadow Tuning, Jul91: 3
The Pilot FM Tuner: Another Look, Jan94:4
Possibly the Only Multitester You Will Ever Need, Jan96:4
Profile of RCA Victor Model 140, Apr86: 6
A Radio Collector's Visit to England, Jan87: 4
Radio Index Magazine, Mar87: 16
Radio Quiz, Sep86: 6; Apr87: 8; Jun87: 5
Repairing the First Trans-Oceanic: The Challenge and the Rewards, Dec95:5
Replace a Type 47 with a Type 1D4? Maybe, Maybe Not, Apr00:12
Replacing 6E5 Magic Eye tube with 1629, Nov84: 5
Report from Elgin, Sep97: 4
Restoration Hint for ac/dc Radios: 200 Volts Won't Do It, Nov92: 7
Restoration Hint: Inoperative Portable Radios, May89: 4
Restoration Hint: Replacing 6E5 and 6U5 Magic Eye Tubes, Jun 97: 13
Restoration Tip: The Unblinking Eye, Apr92: 13
Restoreth Thy Relic Radio, Aug18:11
Restoring a Zenith Bakelite-Chassis Radio, Sep91: 4
Restoring an Atwater Kent 44, Dec88: 7
The Searle 5S1-8: One Weird Radio, Jan94:1
Sears Radio Data on Microfilm, Mar90: 3
Second-Guessing RCA: Correcting a Design Flaw in a 1939 AC/DC Radio, Apr07:8
Service Notes - Philco Model 90/90A, Jan91: 8
A Strange Set, That Sterling, Feb90: 11
The Swan Song of the Vacuum Tube, May88: 19; Follow up, Jul96:11; Oct96:16
Technical notes, Sep86: 14
Ted Hannah Honored, Jun05:13
Testing tubes: Another Approach, Sep85: 6
Those Cool and Limpid Green Eyes (Magic Eye Tubes), Mar88: 12
Tidbits, Feb98:16
Tracking Down Mysterious Noises, Jan89: 13
Tracking the Untrackable and Taming the Untamable, (Zenith 10S153) May96:5
Tube Talk (Interchangeable Types), Feb91: 7

Tube Talk (What Did "M-R" Really Mean?), Aug91: 11
 Tube Talk (What is a 7730?), Apr91: 12
 Tube Talk (807 and 6L6 tubes), Feb88: 6
 Unlocking the Local Code, Nov90: 7; Correction, Dec90: 12
 Voltage Dividers, Jan89: 15
 What Price Art Deco (radio prices at art deco sale), Jan 86: 7
 What Price Radio Tubes, May 97: 9
 What's Different About Canada?, Oct08, p. 13
 What's Going on Here? (Korting "Billy" Model 1036), Jan92: 9
 What's Going on Here? (Philco Model 41-300), Mar93: 6
 What's Going on Here? (RCA Model 46X3), Oct91: 10
 What's Going on Here? (Stromberg-Carlson Model 1204-HA), Feb92: 7
 What's Going On Here? (Westinghouse Model H-190), Dec01:5
 When Did They First Appear? Apr12:13
 Who Really Made My Zenith Radio?, Feb90: 14
 Zenith Trans-Oceanic: A Short History, Mar89: 3
 Zenith Bakelite-Chassis Radios--Part II, Jun92: 15

Hart, Paul
 The Challenge of Testing Vacuum Tubes, Apr14:1
 The Challenge of Testing Vacuum Tubes, Part 2, Apr15:1
 Deciphering The Sylvania Date Codes, Part 1, Feb20:1;
 Part 2, Jun20:9
 Destruction of the US Consumer Electronics Industry, Apr23:1
 Testing Type 26 Tubes on a TV-7 Tube Tester, Dec17:6
 US Vacuum Tube Manufacturing from the End of WWII to Cessation, by P. Hart, Apr23:5

Hartman Electrical Mfg. Co.
 Ad reproduction - radios & speakers, Dec96:15

Hartong, Glenn
 Obituary, Aug15:15
 Student Radio at Cornell College Circa 1950, Dec15:12

Haaskin, Allan, Obituary, May05:14

Hansman, Steve
 40th anniversary, Jun24:11
 The Dixie Five: A "Baltimore" Radio, Jun11:1
 The History of the Radiobar Company, Part 1, Feb22:1;
 Part 2, Jun22:6
 President's Message, Jan12:7; Apr12:11
 Radio Retailing and the Radio Blue Book, Jun22:1

Hari, Lou
 Obituary, Aug20:14

Hastings, T. Mitchell, Jr., Obituary, Dec94:6

Hauck, Vernon D. (brief comments about Hauck & Norden-Hauck), May87: 12; see correction to above note, Aug88: 12

Haworth, Bob
 Another Drive Belt Solution, Nov96:8
 Rebuilding Old Capacitors, Feb95:6
 Removing Years of Wear from Your Trans-Oceanic, Jun96:6

Haworth Mfg. Co.
 The Super-Ball Antenna Company, by G. Hunolt,
 Part 2: Aug11:9

Hazeltine, L. A. and Hazeltine Laboratories
 The 100th Anniversary of the Neutrodyne, by Mike Molnar, Jan24:1
 Hazeltine: The Professor, by H. Wheeler, Jun00:7;
 Aug00:1; Oct00:1
 History - The Neutrodyne Mystique, by E. Lyon, Jul86: 6
 History - Hazeltine's Second Chance [AVC], by E. Lyon,

Aug86: 4
 Licensing of patents, Mar86: 4, Jan05: 12

Headphones
 Ad Reproductions:
 American Bell, Dec84: 10
 Tower "Scientific," Jun90: 9
 Headphone Values, by D. Mackiewicz, Mar96:8
 Is That Old Headset Really Any Good?, by D. Mackiewicz, May97: 9
 Rejuvenating headphone magnets, Oct92: 13, Jul04:10

Headrick, Jim
 Amateur Radio—What Was it Like in the 1930s, by J. Headrick, May10:7
 Picard Medal winner, Mar11:14

Hearing Aids
 Evolution of the Hearing Aid, by L. Sibley, Dec20:8
 Tidbit and Sonotone, Nov24:8

Hearne, Paul (Obituary), Jun98:15

Heathkit
 Ad Reproductions
 Model BR-2, Jun01:9
 Various kits, Jun92: 20
 Early (1950) TV kit, Aug12:11
 FM-1 tuner, Jul12:7
 General information website: Apr 16:7

Heathkit TT-1A Mutual Conductance Tube Tester
 Restoration, by R. Eisenbrey, Aug12:1
 Tidbit on the company being back in business, Jan16:13
 A "Uniprobe" for a Heathkit IM-series VTVM, Feb11:12

Heintz and Kaufman
 de Forest's First 3-Element Audion: An Accidental and Ambidextrous Gammatron, by E. Lyon, Mar14: 7
 Tidbit, Jan11:10
 1V6 Gammatron mode, Jul14:8

Heising, R. A.
 A Radio Pioneer - R. A. Heising, by B. Belanger, Oct04: 13

Hensley, Cliff
 The Jim Dandy Eye Tube Checker, by Joe Koester and Cliff Hensley, Aug16:12

Herman, Jeffrey
 The 500 - kHz Story; Part 1, Nov95:7; Part 2, Dec95:18;
 Part 3, Feb96:17; Part 4, Apr96:12; Parts 5-7, Jun96:11

Herrold, Charles
 The First Entertainment Broadcast, by E. Lyon, Dec89: 1

Hewlett-Packard
 Barney Oliver's Rude Discovery, by E. Lyon, Mar12:7

Hickok
 Ad reproduction: Statiktester, Oct93: 15
 Calibrating the Hickok 6000 Tube Tester, by E. Brady, Sep03: 4
 Company still in business - address - Dec93:9
 The Hickok 6000, How It Works, How to Repair It and Maintain It, by E. Brady, Jan03: 11, Mar03: 9
 The Hickok Transconductance Tube Tester Circuits, Jul15:1
 Lamp fuse replacement, Dec03: 11
 More on the Statiktester and Still More on the Magic Eliminode, by O. Parker, Apr94:8
 Testing Tubes That Aren't on the Hickok Roll Chart, by A. Douglas, May97: 8
 Tube Tester Topics, by A. Douglas, (Cardmatic types), Jul96:6

Hi-fi - see high fidelity

Higgins, Mike

The Hickok Transconductance Tube Tester Circuits, Jul15:1
Tube Tester Topics: To Bogey or Not To Bogey, Jan14:13
Tube Tester Topics Part I: Emission and Shorts, Oct14:13

High Fidelity

Audio Under Glass—Vacuum Tube Hi-Fi, by E.
Lyon, Jul06:13, Sep06:1, Nov06:1, Jan07:8, Mar07:8
May07:8, Nov07:1, Jan08:9, Mar08:11, May08:11,
Jan09:1, May09:1
H. H. Scott Hi-Fi—Then and Now, by P. Farmer, Apr06:1
John V. L. Hogan, High-Fidelity Broadcasting Pioneer,
by B. Belanger, Apr16:9
Stereophonic Sound, by E. Lyon, May95:1; Jul95:1
Tidbit (Hi-Fi broadcasting) by E. Lyon, Sep06:10
Tubes vs. Transistors, by B. Belanger, Sep93:3
Tubes vs. Transistors-Redux, by R. Warren, Sep93:4

High Frequency Laboratories

Ad reproductions
Model 10 Isotone (fall page), Aug10:13

Historical Electronics Museum (Baltimore, MD)

Antique Radio and Television Museums, by B.
Belanger, Apr04: 1
Historical Electronics Museum,
Dec86: 10, Jul93:11, Jun94:24

Hoffman Radio

H. Leslie Hoffman: The Entrepreneur of Hoffman Radio
Corp., by Ron Wesenberg, Feb14: 11
The Hoffman P410, by P. Farmer, Apr05: 1
More on the Hoffman P410, by P. Farmer, Aug05:1

Hogan, John V. L.

John V. L. Hogan, High-Fidelity Broadcasting Pioneer,
by B. Belanger, Apr16:9
Tidbit, fax service Nov07:10

Holtzer-Cabot

Ad reproduction (headphones), Mar96:9

Home Brew Radios

My RF8 Miniature Home-Bew Radio, by. D.
Faguet, Mar23:1

Horn Speakers

Repairing Horn Drivers, by Mike Kendall, Jan17:8

Houck, Harry - Obituary, Feb90: 10

Houghtaling, Tom

Dealing with Picture Tubes, Aug04: 4
Never Assume, Aug13:9
Obituary, Jan14: 8
A Predicta of My Own, Feb03: 12
Restoring an Early Motorola Television, Aug02: 1; Part II:
Jun03: 1

Houston, Doug

Additional Comments on the Philco Model 90, Apr91: 10
Cabinet Refinishing - Another View, Dec94:7
Dr. Lee de Forest's RAE-79 (with Dave Gonshor), Dec04: 1
A Little More on Emerson, May94: 7
M-R Tubes and Wartime Adventures, Oct91: 17
A Non-Bypassing Bypass Capacitor, Jan97:12
Some Thoughts on Those Aged and Crumbling
Parts, Jan94:6
Victor's Glorious Quartette: R-32, R-52, RE-45, RE-75,
May00:11

Howard, Dan

Arvin 402: The Powertone-Disney Link, (with Bill

Goodwin), Jun12, p. 5

Seen at the IRE 194 Winter Technical Meeting. May18:8
Thru These Gates: The Scott Field Radio School, by
Dan Howard, Apr20:6

Howard Radio Co.

Ad Reproduction (electric radios): Jul98:13

Huerta, Phil

An Archeological Find: The Barker 88, Aug93:6

Huff, Dave

Does Your Bathtub Leak?, Oct92: 7
Radio Quiz, Jul86: 8; Aug86.: 5; Oct86: 3;
Nov86: 4; Feb87: 3; Mar87: 3

Hughes, David

Marconi, Tesla, Rutherford, and Wireless,
by E. Lyon, Sep09:1

Hum

Hum in Wideband Audio Amplifiers, by C. Rhodes, Aug98:9
Tunable Hum and Type X and Y Capacitors,
by B. Belanger, Aug13:7

Hunolt, Greg

Building the Prototype Battery Set Compendium, Aug05:6
Obituary, Jan16:6
On Klitzen!, by Greg Hunolt, Oct09:1
The Plymouth Radio and Phonograph Co., Dec10:1
Progress on the Battery Set Compendium, Jun06:10
Progress on the Battery Set Compendium,, Jun07:13

The Super-Ball Antenna Company—Part 1, Jun11:8;
Part 2, Aug11:9

An Update on the Battery Set Consortium and a Quick
Look at 1920-1926, Jun08:1

Webster Electric of Racine, Feb15:1

Wells Manufacturing Co., Oct12:8

W-K Electric, Oct10:1

Hyman, Paul

The Continuing Saga of the Zenith Transistorized
Trans-Oceanics, Oct01:10
Putting the Fix on a Zenith Royal D 7000, Apr03: 11
Restoring a Zenith 3000-1, Aug01:13

Icom

A High-end Solid State All-band Radio
(Icom IC-R71A), May05:14

IEEE - see Institute of Electrical & Electron. Engrs.

IF Transformers and Amplifiers

Determining Unknown IF Peaks, by J. Lowe, Oct91: 11
Perhaps the First Converter or Q-5er, by E. Lyon, May98:1

Indiana Historical Radio Museum

Antique Radio and Television Museums, by B.
Belanger, Apr04: 1
Indiana Historical Radio Museum, Dec03: 10

Industrial Designers – see articles by J. Okolowicz

Infoage Science/History Learning Center, Oct05:10

Infradyne Receiver

Tidbit - May03: 10; Nov19:8

In Memoriam - See Obituaries

Independent Radio Manufacturers, Inc. - see IRM

Inductors (See also Coils)

An Application of Spherical Coils, by L. Greenough,
Oct00:10

Radio Components, Part 2, by E. Lyon, Jan89: 10

Spherical Inductors, by E. Lyon, Jul00:10

Industry News

Radio and TV Industry News – Late 1940s

Infoage Museum
A Visit to Infoage, by Brian Belanger, Dec16:8
Tidbits: Oct05:10, May16:8

Infradyne
Tidbit, Nov11:10

Ingraham Company (cabinets)
Emerson and Ingraham, by B. Belanger, Dec93:13
Ingraham Time Capsule Opened, Apr95:14
Restoring Inlay Strips for an Emerson Ingraham Cabinet,
by E. Stenberg, Mar12:1

Ionosphere
Radio's Perfect Storm, by E. Lyon, Sep21:1
Shortwave Radio – For International Leisure, Learning,
and Liberty, by E. Lyon, Mar19:1

Imms, Stephen
Geiger Counters: Real and Otherwise, Mar2:1

Institute of Electrical and Electronic Engineers (IEEE)
Ordering old publications, Feb93: 15

Insuline Corp. of America
Ad Reproduction - Selectone, Feb90:19

Integrated Circuits
A Lucite Radio Made with Tinkertoys (The First Integrated
Circuit, by E. Lyon, Nov93:1

Intercoms
The Philcophone Intercom, by B. Belanger, Feb99:1

Interference
Another source of interference (power meters), Aug20:15

FM Broadcasting in a Whole New Light. by Ed Lyon,
with Joe Sousa, Sep08: 1
Interference from automatic night lights, Mar91: 9; May91: 6
The Luxembourg Effect, by E. Lyon, Mar02: 1
Wall Wart RF Noise – Jun11:14

Intermittent Problems
Dec19:9

International Radio (Kadette)
Arborphone, Cavac, and International Radio (Kadette),
by B. Belanger, Oct03: 1; follow-up, Dec03: 14
First Catalin radios, Dec88: 3
Pioneer in Plastics in Radio, by E. Lyon, Sep05:14
Pocket Set, May90: 9
Silent Radios, by E. Lyon (Tunemaster KRC-2), Nov03: 1,
follow-up, Jan04: 10

International Restoration Contest
The International Radio Restoration Contest, by
E. Lyon, May13:1

International Telecommunications Union
AM Radio on the Shortwave Bands, Jan16:8

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

Ionosphere
Radio's Perfect Storm, by E. Lyon, Sep21:1
The Rise and Fall of Shortwave Radio, by E. Lyon, Jan10:1

IRM (Independent Radio Manufacturers)
Licensing of Neutrodyne patents, Mar86: 4; Jul86: 6

Isolation Transformers, Jun 97: 7, Mar99:11

Jackson-Bell
California Midgets—and One From Sandusky,
by E. Lyon, Mar15:1
Jackson-Bell – Not a “Me Too” Company Part 1,
by R. Gray and J. Ryan, Aug22:9; Part 2, Dec22:1

Jackson-Bell Goes Small in a Big Way, Part1, by R. Gray and
J. Ryan, June23:1

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

Japan and Japanese Radios
A WW2 One-Tube Radio from Japan, by E. Lyon, May19:1
The Japanese Connection-Revisited, by J. Koester, Mar86: 5
Japanese Electronics – The Rapid Rise, by E. Lyon, Sep22:10
Where Are All Those Tubes Going?, by B.
Belanger, Feb85: 4
A World War II Japanese Navy Type 609 Wavemeter
Receiver, by E. Lyon, Sep03: 1

Jefferson Transformer Co. - Ad reproduction, Feb92: 19

Jenkins, C. Francis - Tidbit, Sep98:11

Jensen
A Nothing-to-Lose Speaker Cone Repair Project,
by R. Lozier, Oct14:1

Jensen, Gustav
Having a Ball Collecting Radios, by J. Okolowicz, Aug21:1

Jewell Electrical Instrument Co.
Ad reproductions:
Pattern 199 Set Analyzer, May89: 12
Pattern 444 Set Analyzer, by G. Symonds, Sep90: 5

JFD
Substituting for Hard-to-find Tubes and a Radio that
Used Substitutes from the Get-go, by E. Lyon, Jul02: 15

J-M-P Manufacturing Co.
Submariner short wave converter ad reproduction, May91: 7

John Rivers/College of Charleston
Communications Museum
Antique Radio and Television Museums, by B.
Belanger, Apr04: 1

Johns Hopkins Applied Physics Laboratory
When Section T Became APL, by Domi Sanchez, Feb19:8

Johnson, E. F. Company
The E. F. Johnson Company, Aug15:1
E. F. Johnson's 1957 Ham Radio Catalog, Aug15:6

Johnson Smith Co.
Ad reproduction - xtal detector ad reproduction, Nov87: 18

Johnston, Dale
Another Wireless Broadcaster, by D. Johnston, Feb08:6
Capacitor Can Puzzle, Feb98:13
Chassis Cleaning, Jan95:16; follow up - Mar95:5,
Apr95:17; Jun95:15
An Early Clock Radio, Jun00:14
Field strength meter, Jul11:10
Fun With Old Parts, Aug03: 8
Lessons Relearned (Hallicrafters S-120 restoration),
Jul95:12; follow-up comments, Sep95:3
Obituary, Apr11:14
A Poor Man's Frequency Meter, Jun03: 9
A Way to Help Yourself (And Your Repairman), Aug99:5

Jones, Larry
Ballast and Line Cord Resistors, Jul85: 15
Heat Up an Old Radio, Sep86: 10

Jones Radio Co.
The 1926 Jones Deluxe Radio, by C. Mooney, Feb92: 14

Journal Reviews - See Book and Journal Reviews

Juke Boxes
Juke Boxes and Operadio, by E.Lyon, Jan06:13;
Part 2, Mar06:13

KA2XXB

Mystery Station KA2XXB, by T. Hannah, Aug90: 9;
Oct90: 9; follow-up: Dec90: 18

Kadette - see International Radio

Kalista, Steve

Beware the Silverton 4500!, Jul94:7
Mackay Radio's use of large variometers, Feb92: 15
Recalling Philco, Jun96:5
Tube Manufacturing at Tung-Sol in the 1950s, Aug94:9

Kania, Phil

From Basement to Stage, Oct87: 5

Karaoke - 1938 version, Nov03: 11

Karas

Karas radio in OEC, Jul97: 12

Kave-Halbert

Television Repair in a Dragnet Episode, Jun15:1

KDKA

The Emergence of Broadcasting, by Ed Lyon, Feb86: 3
The First Entertainment Broadcast, by Ed Lyon, Dec89: 1
Happy Birthday, KDKA, Nov95:12
KDKA's First Broadcast - How We Did It (Frank Hill
interview of Donald Little), Nov96:4
Memorabilia available, Apr96:16
New program format, Jun92: 15
Pioneer Station Celebrates 65 Years, Feb86: 5

Kelley, Bruce - Obituary, Jan98:9

Kelley, C. Stuart

Today's Cost of Yesterday's Radio, Mar95:7

Kellogg

Ad reproduction - Kellogg tubes, Dec92: 9
An Unusual Kellogg Set, by L. Kendall, Jul92: 1
Genealogy, Philology, and Entomology. . . and
Early Broadcast Radio, by D. Sohn, Jun10:1

Kellogg, Bob

Building a Replica of the Paraset, Nov12:12

Kelly, John - Obituary, Aug98:13

Kelly, Ray

Quotation from Hist. Radio Soc. of Australia Newsletter,
Oct87:5

Radio Collecting Under the Southern Cross, Jul88: 15

Kendall, Lloyd

An Unusual Kellogg Set, Jul92: 1

Kendall, Mike

Repairing Horn Drivers, Jan17:8

Kennedy

Foreign-made Fada, Crosley, Kennedy radios? Jul02:18
The Kennedy 61LS and a Stewart-Warner Look-alike,
by J. Koester, Oct07:9
Put Money Into Radios, by J. Koester and K.
Frankenberry, Dec06:12

Ken Rad

Ken Rad tube type 38233, Tidbit, Mar15:8

Kent

Joe Sousa's Restoration of a Carnival Giveaway Radio,
by Ed. Lyon, Sep17:11

Keys (telegraph and those used in radio)

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

Kilby, Jack

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

King, John

The Paraset Radio, Part 1, by J. King, Sep12:11

King, Kent

The Genesis of the Scott World's Record Radios, Feb21:1
Scott Goes to War, Feb25:1

King Radio

Tidbit about purchase by Sears, May07:10

Kimberlin, Donald

Press Wireless in WW II, Dec97:7

Kirsten, Charles

More on Rider's Volume "Zero," Sep98:1

Klein, Paul

Tidbit, (RCA 5X5) Nov12:10

Kleinempfanger (German radio)

A Very Klein Kleinempfanger, by E. Lyon, Nov97: 9

Kleinschmidt, Tom

Wells-Gardner Initiative, Aug24: 1

Klink, Granville, Obituary, May97: 4

Klitten Wireless Apparatus Company and Klitzen Radio

On Klitzen!, by Greg Hunolt, Oct09:1

Kloss, Henry

Henry Kloss Dies, Apr02: 13

The Henry Kloss Model One Radio, by T. Hannah, Dec01:1

More on the Henry Kloss Model One,

by B. Cheslock, Feb02: 11

KMA (Shenandoah, IA station), Aug99:1

Knight (See Allied Radio)

Knobs

Cleaning Bakelite knobs, Dec85: 7

Cleaning wood knobs, Feb98:16

Fabricating wood knobs, by M. Palmquist, Aug24: 13

Knob reproductions available from Ben Erickson, Jan18:8

Plastic knob reproductions available from L. Bordonaro,
Sep87:1; Feb89: 3

Removing knobs, Tidbit, Jun17:12

Set screw repair, Dec19:13

Wood knob reproductions available from Ed Delano,
Jan87:9, Feb89:3

Knott, E. R. Machine Co.

Ad reproduction - Cinq-Coil, Oct92: 7

Koczur, Dan

The International Radio Restoration Contest, by

E. Lyon, May13:1

A Tough AK Radio Restoration, by D. Koczur and

E. Lyon, Jul11:1

Kodel Radio Co.

Ad reproduction for microphone loudspeaker, Apr91: 19

Koester, Joe

...40th anniversary, Jun24:1

A Tale of Two Radios, Oct20:9

Another Gluing Technique, Feb22:3

Are Radio Hobbies Healthful?, June21:10

Blast Your Antenna, Jul88: 4

Book Review: *The Early Zenith Radios*, Feb18:7

Canadian Stratosphere? (Rogers 10-10) Jun25, p10

Candohms: Replacing: Feb24:11

Channel 1, Jan89: 14

Channel Who? (FM channel designations), Apr86: 8

The Collector vs the Dealer, Aug89: 11

The Collector's Lament (bargains in radios), Feb86: 8

Construction of AES' Battery Eliminator Kit, Oct90: 17

Credit Cards and Old Radios, Feb06:14

Curse the Commander (and his blasted '39 Zenith

Radiorgan), Dec93:7
 The Dahlberg Hospital Radio, Oct21:p4
 The Dahlberg Hospital Radio (Redux), Apr22:12
 Fear of Veneer, Part 1, Aug89: 14
 A Few Words on Speaker Repair, May88: 22
 Fine Abrasive Restoration Technique (co-author, Rollin Ball), Oct96:10
 An FM for Your Old AM, Jul91: 9
 The French-Soviet Connection, by J. Koester & Jiri Placek, Oct18:6
 Get Stuffed, June 23:12
 Great Scott, A Zenith!!, Dec90: 16
 Grille Cloth Installation – Another Way, by D. Poland, and J. Koester, Oct19:10
 The Grunow Teledial Model 1541, Sep91: 6
 Hand-cleaning a Radio Cabinet, Nov96:8
 Happy Birthday, MAARC, Jul94:1
 I Have the Car Radio, But Where's the Car?, Jun86: 8
 How Good is Your Ground, Feb95:11
 Identifying Zenith Radios, Jan89: 14
 Interesting Radios (novelty radios), Jul85: 10
 The Japanese Connection - Revisited, Mar86: 5
 The Jim Dandy Eye Tube Checker, by Joe Koester and Cliff Hensley, Aug16:12
 Joint filling, Feb24:11
 Joe Koester and MAARC, by B. Belanger, Oct92: 12
 The Kennedy 61LS and a Stewart-Warner Look-alike, Oct07:9
 A Look Back [about MAARC], Jul86: 14
 Losing Your Screws, Oct22:12
 Love Is . . . A Radio? Feb24:14
 MAARC Collector Sets New Price Record, Aug90: 12
 MAARC Members Assist Katrina Victims, by B. Belanger, Aug06:6
 MAARC Members Honor Mayor, Apr22:11
 Meeting report - ARCA, Louisville, KY, 1986, Jul86: 12
 Meeting report - AWA, Charlotte, NC, 1986, Apr86: 3
 Member Spotlight, by Domi Sanchez, Oct16:1
 Memories of the Early Days of Radio (with J. Barrow), Feb93: 15
 A Midwest Odyssey, Feb13:1
 Minister Buys Bar, Jul88: 7
 The Napier Project, Feb20:8
 Old Radio Programs and Old Radios Go Together, Aug90: 16
 One Hour "Martinizing" - Radio Style, Apr93:18
 Our Members Say, Apr92: 7
 The Plight of the Bluebird, Dec06:8
 Put a Little Spring in Your Zenith, Jul94: 12
 Put Money Into Radios, by J. Koester and K. Frankenberry, Dec06:12
 Radio Cabinet Restoration, Jun09:1; Aug09:5
 Radio Collecting - A Different Perspective, Oct94:13
 The Radio Hat, Apr08:12
 Reaching for the [Zenith] Stratosphere, May88: 21
 Replacing Dial Belts, Nov99:1
 Restoration hint - cleaning chassis and tuning capacitors, Jun85: 5
 Restoration tip [wood cabinet], Aug24: 12
 Revenge of the Carbon Molecules, Mar93: 1
 Revenge of the Radio Bar, Feb18:1
 Sawdust and Old Radios, Jun01:6
 Silver Versus Chrome, Aug01:1 and Oct01:1

Speaker Board Repair, Dec98:7
 The TV-7 Tube Tester, June21:14
 Toonin Radio Game, Feb25:8
 An Unusual Zenith Cathedral, Nov90: 8
 Walton Radios and the Stratosphere cat, Oct24, p.14
 The Washington Post Radio Set, Dec22:10,
 Follow-up, Feb23:8
 What About Old TV Sets?, Dec87: 8
 When the Time Comes, Feb05: 10
 Where Are We Going?, Sep93:5
 Who Says There Are No Bargains Left, Mar90: 3
 Wings - My Favorite Cigarette, May91: 1
 Yes, Virginia Beach, There is a Santa, Jan95:14
 Zenith Control Dials, Oct 23, p6
 Zenith Paint (restoration tip) Feb24:10

Koester, Kathy

Radio Fumes Suspect in Early Aging Process, Aug90: 12
 Storage and Display of Radios, Sep91: 3

Koerting

Novum RB2206W, July21:9

Kohl, Frank

Audio transformer substitution, Nov85: 7
 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

Korting

What's Going on Here, by Ted Hannah, ("Billy" Model 1036), Jan92: 9

Koste, Mike

October Radio Milestones, Oct04: 14

KOV

The Doubleday-Hill Electric Co. Broadcasting Stations, by E. Lyon, Nov99:12

Kraeuter, David

Book reviews of his books: May92: 4, Oct93: 7, Jan96: 5
News items on his patent books, Oct97: 8; Jun01:10

Krause, Ernest J.

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

Kron, Riccardo

The Baird Televisor, May93:5

Krupp Circles

Krupp Circles, by E. Lyon, May06:5

Kutztown Meets

Kutztown Highlights, Oct15:8

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

Is it Shellac or Lacquer?, Jun18:11

Lafayette Radio (Earlier, Wholesale Radio Service Co.)

Ad reproductions
1933 consoles, M65, M75, etc.
Mid-1930s consoles, Aug93:5, Dec93:10
Model D-34, Apr94:4
Model EB-15, Jun96:15
RCA remote control unit, other items
Model C-71, Dec02: 14
One Very Large Radio, by T. Hannah, Apr01:7;
Errata, Jun01:10

Lambert, Leon, and Lambert Radio Co.

Lambert Crystal Radio Company, by B. Belanger, Jun89: 9
Leon Lambert and his Crystal Radios--Chapter 3, by
B. Belanger, Mar90: 7
More on the Lambert Crystal Radio Co., by B. Belanger,
Aug89:10

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
Brian Belanger, Dec16:13

Larrabee, Bob

Obituary, Oct10:15

Larson, Ray

Chassis leakage, Jul96:13
A Hint for Servicing 3-Way Portables, Aug96:8
Some Reflections on Wiring Multiple Speakers,
Oct97: 15; Correction, Jan98: 7

Lauter, Charles

Now is a Good Time to Upgrade Your Test Equipment,
Sep98:7

Why Did They Do That?, Sep98:12, Nov98:10

Leatherette cabinets - cleaning, Sep88: 7

Lee, Henry III

The Forgotten World of Longwave, Mar04: 7

Lego detector - Ad reproduction, Nov86: 8

Lendaro, Jeff

The 1932 RCA Field Test TV Receiver, Apr95:1
“Other” Televisions at the New York World’s Fair, Nov95:1
Television “Attachments,” Oct96:1

Lenahan, Kevin

So What’s My Excuse, Dec03: 8

Leutz, Charles

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

Leyden Jars - Hist. Note, by Ed Lyon, Nov88: 6

Liberty Transformer Co.

The Dixie Five: A “Baltimore” Radio, by S.
Hansman, Jun11:1

Library of American Broadcasting

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

Licensing in the radio industry, Mar86: 4

Lichtle, Ken

Another Idea for Button Cell Replacement, by K. Lichtle,
Aug20:9

Lightning and Lightning protection

Lightning and Radio Static, Part 1: Jul19:13;
Part 2, Sep19:13
Sprites, Jul11:10

Lilienfield, Julius

2023-The FET Centennial, by E. Lyon, Jan23:6
Anticipating the Transistor, by E. Lyon, Sep96:1

Lincoln Radio

Ad reproduction, Model DC-8 Super

Lindenbach, Walter

Bill and Gus—“Transforming” June11:6
Bill and Joe: Resisting Part 4, Mar07:6
Bill and Joe: Resisting Part 5, Jul07:12
Bill and Joe, Part 6, May08:9
Bill and Joe, Part 7, Jul08:8
Bill and Joe, Part 8, Sep08, p. 8
Bill and Joe, Part 9, Nov08:8
Bill and Joe, Part 9, Sep11:12
(These two “Part 9s” are not the same!)

Bill and Joe, Part 10, Jan09:9
Bill and Joe, Part 10, Nov11:12
Bill and Joe, Part 10, Jan12:12
(These three “Part 10s” are not the same!)

Bill and Joe, Part 11, Mar09:9
Bill and Joe, Part 12, May09:8
Bill and Joe, Part 13, Jul09:13
Bill and Joe, Part 14, Sep09:6
Bill and Joe—Something to Tune (Part 1) Mar10:11
Bill and Joe—Something to Tune (Part 2), May 10:11
Bill and Joe—Something to Tune (Part 3), Jul10:11
Bill and Joe—Something to Tune (Part 4), Jan11:11
Bill and Joe—Something to Tune—6, Mar11:12
Bill and Joe—Tuning (Part 7), Jan10:12
Obituary, Nov11:14
The Radio World of Bill and Joe – 1, Sep06:8
The Radio World of Bill and Joe – 2, Nov06:8
The Radio World of Bill and Joe – 3, Jan07:6

Line Cord Resistors – See Restoration Tips,
Line Cord Resistors

Line Voltage Reduction
Don’t Overstress That Old Radio, Feb11:11
Tidbit, Dec11:14

Link (Fred M. Link Co.)

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

Lipieko, Frank

A Lesson in Radio: Repair vs. Restoration, Jun95:7
Radio Servicing Rules of Thumb (lecture notes), May96:10
Sold "As Is," Apr95:16

Litwinovich, Paul

Frank A. D. Andrea: An Immigrant's Tale of Success With A
Long Island Connection, Dec17:9

Loewe

Crystal resonators, Jan08:10
Model OE333 radio, Jul07:11
Note on Loewe multiple tubes, Nov98:9; follow-up, Jun99:12

Loewy, Raymond

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

Loftin-White circuit, Aug95:1; Jul98:9**Long Delay Echoes**

Radio Echoes...Echoes...Echoes, Part 1, by E. Lyon, Sep11:1;
Part 2, Nov11:1; Part 3, Jan12:1

Longwave

The Forgotten World of Longwave, by H. Lee III, Mar04: 7
Long Waves and the Radios That Hear Them, by
E. Lyon, Jul14:1

Loomis, Mahlon

Book on Loomis available, Jun94:22
Historical note, by E. Lyon, Jun87: 3
Tidbit, Sep98:11

Loop Antennas

The Complete Homebrewer, by R. Warren, Mar93: 4
Small Antennas, by E. Lyon, May03: 7

Lopes, Stan

The Mallory Radio Service Encyclopedia, Jan93: 7
Stan's Simple Solutions, Jun91: 18; Aug91: 17

Lowe, Jack

Characteristics of Early Vacuum Tubes, Feb98:1
Determining Unknown IF Peaks, Oct91: 11
Fixed Bias Resistor, May 92: 7
The Mystery of the Radio Signals, Apr00:4
The Mystery of The Sound X/TRA Tube, Jul94:8
Mystery of the 35Z5 Open Filament, Apr89: 8
Product Report, The AES Model K-101A Batttery
Eliminator Kit, Jun01:1
A Second Opinion on the Philco 90, Apr91: 12

Lowell, Percival

The Dynergy Receiver—Just Plug It In, by B.
Belanger, Oct12:1
When Socket Power Came to Raio, by E. Lyon, Sept22:1

Lowenstein, Fritz

The Audion Comes to Europe, by E., Lyon, Jul07:1
Parallel Universes of Radio Development, by E.
Lyon, Jul03: 5

Lozier, Robert

Ace Radioman Admits Defeat (article about Lozier),
Mar97:10
Book and Journal Reviews:
Antique Radio Magazine, Mar97:10
Loud-Speaker, Feb05: 13, Mar05: 11
Extravaganza report (with P. Farmer), Sep03: 13
Kolster 3D Printed Parts, Jun19:10
Letter to the Editor (Loewe tubes), Jun99:12
Mail Purchases, Jul89: 8
Nickel Plating Old Radio Parts, Dec04: 10

A Nothing-to-Lose Speaker Cone Repair Project, Oct14:1
Primer on How to Prepare Old Radio Equipment for
Exhibition, Nov89: 7

Radio Manufacturing in Poland in the 1930s, Apr09:7
Repairing Audios the Easy Way, Apr02: 14
Rochester 2003, A Quick-Look Report (with P. Farmer),
Sep03: 12

The Sun-Roxy Radio Fund, Oct19:8

Troubleshooting the Philco 40-155, Aug92: 8

Lum and Abner

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

Lustrolux Tubes - Ad reproduction, Aug96:3**Luxembourg Effect**

The Luxembourg Effect, Mar02: 1
Luxembourg Effect Revisited, May18:14
Tidbit – Nov18:8

Lyon, Ed

1ZP—Banished Young Radio Pioneer, May12:1
The 1950s Three-Channel Stereo, by E. Lyon with
J. Sousa, Jul19:1
A 1960s radio With a Built-in Horn Speaker, Mar13:10
2023-The FET Centennial, Jan23:6
40th anniversary, Jun24:5
The Admiral Amalgam, Sept24: 12
Approaching Audio: The Second Detector, Jan24:7
A WW2 One-Tube Radio from, Japan, May19:1
Wireless Set 19 Goes Down to the Sea, Jan19:13
Adding a Phono Input and Getting Majestic
Performance, Nov18:10
Adventures of a Crystal Detector, Jan03: 1
Aircraft Radios in the First World War, May17:1
Aircraft Radios in World War One, Jan13:7
AK Time Capsule Opened, Nov96:1
...All-American Four Variants, May24:10
Amelia Earhart Putnam-Pilot? Yes; Radio-Person? No,
May99:11
Amelia's Legacy in Radio, Nov03: 6
American Airborne Radar in World War II, Sep95:6
The Americanization of a de Forest, May11:13
An Orioles' Double-Play—Armstrong-to-Miller-to-Winther,
by E. Lyon and Joe Sousa, Jan14:1,
Follow-up – May14:12
An' a One, an' and Two..., Nov03: 13
"And Now ... World News," Jan97:8
Another AM-FM Mixup, Nov04: 6
Another RCA Prototype (L. Haid as told to E. Lyon),
Jul95:11
Anti-Radar - A Golden Anniversary, (co-author,
H. Olson) Nov95:10; Part 2, Jan96:6; Part 3, Mar96:10;
Part 4, May96:7
Anticipating the Transistor, Sep96:1, Follow-up, Sep97: 12
Argus, Delta, Gamma, and Another Greek,
(Electromagnetic Pulse) Sep23:1
Art Deco and the Machine Age in Radio, Jan14:11
The Audion Comes to Europe, Jul07:1
Audio Under Glass—Vacuum Tube Hi-Fi, Jul06:13,
Sep06:1, Nov06:1, Jan07:8, Mar07:8, May07:8,
Nov07:1, Jan08:9, Mar08:11, May08:11, Jan09:1
May09:1
An Audiovox Sidebar, Jul13:17
AWA Houck Award receipt, Nov94:5

Bad Radio Engineering--Some Examples, Mar97:1
 Barney Oliver's Rude Discovery, Mar12:7
 Beams of Electrons, May09:11, Mar11:5 [errata, May11:10]
 Before You Grab Just Any Wire, Or, Color Codes for Wires
 Outside the Radio, Jul92: 3
 A Beginner's Doerle Radio, Mar04: 8
 Bendix Radio's Trip Through the Radio Phase, Nov17:11
 Bletchley Park West--Yardley's Black Chamber, Mar02:6
 The Blind Landing Caper, May16:7
 Book Reviews
 The CIA and the U-2 Program, by G. Pedlow and D.
 Welzenbach, Jan99: 11
 Wizards of Langley, by Jeffrey Richelson, May09:10
 Breaking Radio Codes: A Signal Intercept that Actually
 Changed the World, Sep01:1
 Bringing a Down-Country Radio into the Big City, Nov15:1
 Broadcasting and Snake Oil, May04: 12
 Broadcasting Ups and Downs in the Heyday of Radio,
 Mar05: 9
 Building a Shortwave Station Under Trying
 Conditions, Jul98:10
 California Midgets—and One From Sandusky, Mar15:1
 Capacitors replacing line cord resistors, Sep17:12
 The Case of the Purloined Grille, Nov09:1
 The Catalin Corner, Dec87: 3; Jan88: 3; Feb88: 3;
 Mar88: 4; Apr88: 3; May88: 15; Jun88: 3; Aug88: 6;
 Oct88: 4; Dec88: 3; Mar89: 8; May89: 3; Jul89: 5
 Sep89: 5; Nov89: 4; Jan90: 5; Mar90: 4; May90: 3;
 Jul90: 3; Sep90: 8; Nov90: 3; Jan91: 3; Mar91: 5
 Jul91: 6; Nov91: 1; Jan92: 1; Mar92: 1; May92: 1
 Sep92: 1; Nov93:1
 Catalin Radio Parts Available Again, May88: 18
 A Century of Aeronautical Radio, Sep10:1;
 Follow-up: Nov10:9
 ...Check Those Reflexes, Nov21:1
 Collectable Aircraft Radios – Part 1, Jul05:9;
 Part 2, Sep05:1; Part 3, Nov05:1
 Collecting Heats Up With RadioActivity 2008, Jul08:13
 Columbia, the Gem, Nov00:11
 A Contrast in Quality - Two AM/FM Radios, Sep00:7
 Co-Planar Grids—RCA Wonders About Them, Nov15:7
 Curious Catalins, part 1, May21:8
 A Curiously Strong FM Converter, Mar08:4
 de Forest's First 3-Element Audion: An Accidental and
 Ambidextrous Gammatron, Mar14: 7
 Detrola Art Deco Radios and a Phoenix, Mar24:8
 Detrola's PeeWee and the Silk Industry, May08:1
 Dial belts, making, Nov99:3
 Diversity Reception and the SP-600 Receiver, Nov04: 1
 Daytime Radio, James Thurber, and the Soaps, Mar 97:5
 The Doubleday-Hill Electric Co. Broadcasting Stations,
 Nov99:12
 Early and Late Rarities in Catalin, Jul04: 8
 The Early Automobile Radios, Mar00:1
 Early Broadcasting in the Washington-Baltimore Corridor,
 Mar00:6
 ebaY—Salvation or Ruination of Radio Collecting, Jan09:6
 Ed Lyon's Radio Repair Seminar at RadioActivity 2007
 by B. Belanger, Oct07:11
 Electronic Laboratories, Inc. (history), Feb17:11
 Electronics Education Techniques-A Sequel, Mar16:11
 E. H. Armstrong—Inventor of Digital Radio, by
 Joe Sousa and E. Lyon, May10:1
 El Alamein - Before and After, Nov99:5; follow-up, Jan00:7
 The Emerson 31 Caper, Jul03: 14
 Energy Transport and Radio Signals, Mar24:1
 Evolution of the Sodian Tube, Mar99:10
 Farm Radios—Bargains Available, Sep08, 14
 Farm Radios – Part 2, Nov08, 1
 Farm Radios—4, Jan09:13
 Fetching Help by Radio (Gibson Girl, BC-778), May25:9
 FETs – Triode Replacements?, Jan22:13
 The First Military Use of Radio, Nov03: 5
 The First Portable Radios – or Dial O for Operadio, Jan06:1
 First Presidential Radio Address, Jan93: 5
 Fixing Up Zeniths--Chassis Work 1, Mar04: 12
 Fixing Up Zenith (and other) Radios, May04: 7
 Flea Market Find – A PRC Military Radio, May22:1
 The Flight of the Blue Eagle, Mar20:1
 FM Alignment, May22:11
 FM Broadcasting in a Whole New Light
 [with Joe Sousa], Sep08: 1
 The Fox Broadcast Grows Mature, Sep25, p1
 Funkspiel--Part 1, Mar02: 14
 The General Electric Magnetrons, May14:1
 General Radio's Prize Receiver, P540, Nov14:8
 Getting Half a Start in Tape Recording, Jan04: 1
 Getting Hyper Over Radio Beams, Nov16:1
 Getting Used to Increasing Noise Levels, by E.
 Lyon, May19:13; Part 2, Jul19:5
 Going Organic, Mar16:1
 The Great Depression and the Catalin Merchants, Jul21:1
 The Great FM Move--A Lesson in Hard Selling, Mar01:7
 Great Scott—It's a Capehart, Mar10:13
 Greco-Schenectady – The Language of Radio
 Brands ("...dynes") Nov18:7
 The Gross Brunswick Auction, Jul87: 5
 Hallicrafters At Their Best, May18:10
 The Heterodyne Stage, Sep97: 5
 Hey, Ace. Didja Know...?, Nov01:10
 A High-end Solid State All-band Radio, May05:14
 Historical Note Series (Birth of RCA, development of
 superhets, components, tube development, U.S. Navy
 contributions to radio, etc.--multi-part series),
 Mar85: 3; Apr85: 3; May85: 4; Jun85: 4; Jul85: 8;
 Aug85: 5; Sep85: 4; Oct85: 5; Nov85: 2; Jan86: 3;
 Feb86: 3; Mar86: 4; Apr86: 4; May86: 4; Jun86: 4;
 Jul86: 6; Aug86: 4; Sep86: 4; Oct86: 4.; Nov86: 5;
 Dec86: 4; Jan87: 8; Feb87: 4; Mar87: 4; Apr87: 3;
 May87: 4; Jun87: 3; Jul87: 13; Aug87: 3; Sep87: 3;
 Mar88: 14; May88: 3; Sep88: 4; Nov88: 6; Feb89: 4;
 Apr89: 6; Jun89: 3; Aug89: 4; Oct89: 1; Dec89: 1;
 Feb90: 1; Apr90: 1; Jun90: 1; Aug90: 1; Oct90: 1;
 Dec90: 7; Apr91: 1; Jun91: 9; Aug91: 1; Dec91: 1;
 Feb92: 1; Jun92: 1; Oct92: 1; May95:1; Jul95:1
 A Hot-Chassis Radio Deja Vu All Over Again, Sep14:1
 How Rejewski Broke the Enigma Machine, Nov02: 6
 How to Avoid Repairing Stan's Radio, Mar98:10
 HRO versus HRO, Sep13:1
 HRR-3, A Spy-Catcher Radio, Mar17:1, May17:8
 Hugo Gernsback and Radio, Jan08:1
 Hybrid Radios – How They Happen, Nov19:12
 Identifying vintage plastic parts, Nov17:8
 The International Race for Radar (Series), Dec92: 1,

Feb93:1, Apr93:1, Jun93:1, Aug93:1, Oct93:1, Dec93:1,
 Feb94:1, Apr94:1
 The International Radio Restoration Contest, May13:1
 Isolation Transformers, Jul96:13; Sep96:16
 Japanese Electronics – The Rapid Rise, Sep22:10
 Jim Wilson’s Sorber Cathedral Set, Mar17:10
 Joan - Eleanor, Spy Radio System, Jul00:5
 Joe Sousa’s Restoration of a Carnival Giveaway Radio,
 Sep17:11
 Juke Boxes and Operadio, Jan06:13; Part 2, Mar06:13
 Keep Your Eye on the Copy, Mar02: 12
 Keeping up Morale in the Services, Sep17:1
 Krupp Circles, by May06:5
 The Legend of the Volksempfänger, Sep18:1
 Lightning and Radio Static, by E. Lyon, Part 1: Jul19:13;
 Part 2, Sep19:13
 Lindemann and Watson-Watt—Almost Missing the
 Tram, Mar25:1
 Local Reach of the Manhattan Project, Mar23:10
 Logarithmically Periodic Antenna Arrays, Mar21:9
 The Long-Box Superhets – Part 1, Jan18:11
 The Long Box Superhets – Part 2, Mar18:1
 Long Waves and the Radios That Hear Them, Jul14:1
 Lost and Found (Catalin industry), Sep95:11
 Low Probability of Intercept Signaling, July23:8
 A Lucite Radio Made with Tinkertoys, Nov93:1
 The Luxembourg Effect, Mar02: 1
 Luxembourg Effect Revisited, May18:14
 The Luxury of Radio, Sep01:13
 Ma Bell--Color Television Pioneer, Jan02:1
 Ma Bell to the Rescue, Sep06:9
 Magnetic Recording - It’s Come a Long Way, Jan97:6
 The Magnetron Controversy – Updated, May19:6
 A Majestic Modification, Mar02: 10
 ...Make This Battery Eliminator for your Prize Radios,
 Part 1, Nov21:5, Part 2, Jan21:8
 Making AC-DC Radios Safe, Mar98:1
 Making a Perfect Receiver Plupect, by E. Lyon, May13:11
 Making Radio Signals Stable, Jul01:4
 The Marlette Corporation and Radio Cabinets, Jul99:10
 Marconi and His Trans-Atlantic “S”, May01:1
 Marconi, Tesla, Rutherford, and Wireless, Sep09:1
 The Marvels of a High-End Wireless Receiver, Mar09:1
 The Maze Woven by Radio Lawyers, Nov00:14
 The Mechanical View of Electronics, by E. Lyon, Jan21:1
 Member Spotlight, Oct13:8
 Memorable Magnetic Tape Memories,
 (With Richard Altig), May18:1
 A Midlife Crisis in Spark Transmitters, Jul09:1
 The Migration to VHF, Mar13:8
 The Military Struggles to Higher Frequencies, Nov14:1
 The Miraculous Plerophone, Nov97: 1
 The “Missing” Little Nippers, Nov98:1, follow-up, Jan99: 12
 More on Safety in AC-DC Radios, May98:13
 The Most Memorable of the Border Blasters, Aug95:10
 The Most Powerful and Sophisticated Over-The-
 Horizon Radar, Jul19:9
 The Mother of All Recapping Jobs, Sep04: 1
 Muirkirk Radio - History in Our Midst, Jul97: 9
 The Music Master Radios, Jul10:1
 Music of the Spheres, Jan07:1
 The Mysterious TPTG Mystery Story, Sep16:1
 Mystery Device, May02: 10
 A Nasty Turn of Events--or--“Wow, That’s Some Hot
 Radio!”, May01:10
 Naval Air and Radio—Part 1, Jan16:1
 Network Broadcasting, Feb97:11
 Networks: The Origins of the Internet, Nov22:6
 New Books, Sep98:12
 Newspaper feature articles on his collection, Aug86: 6;
 Nov91:8
 Nicholas Eltz and His Radione Receivers, Nov04: 13
 A Note on Early Philco Superhets, May99:9
 Notes on Noteworthy Crosleys, Mar08:1
 Not Quite Tetrodes, May00:7
 NRL and the Morale Receivers, Mar25:9
 The Odd Couple—Hot Chassis Radios and GFCI, Jan16:7
 Old Equipment Contest - Tradition with a Twist, May96:10
 Old Equipment Contest Brings Out the Best, Jul97: 4
 Old Equipment Contest – Radio Activity 2024, Sept24: 10
 Old Radios and HANES, Jan18:1
 On the Beam--and Staying on It, May01:7
 On The Radio: San Francisco International Airport Salutes
 Radio History, by E. Lyon and D. Giglio, Nov18:1
 Op-Amps – Then and Now, Nov20:5
 Operating with Operational Amplifiers, July25, p1
 Oscillating Lamps – Update, with Joe Sousa, Nov08: 9
 The “Other” Scott, Jan13:12
 Owning a Scott Radio in the 1930s, Jan13:1
 The “Other” FM Radios, May12:11
 Parallel Universes of Radio Development, Jul03: 5
 A Parasitic Radar in World War 2 – Part 1, Sep12:1;
 Part 2, Nov12:8
 Passing of an Era, Oct93:8
 Penn State and Radio (Co-author, Mark Strausburger),
 Sep96:11; Follow-up, Nov96:12
 Perhaps the First Converter or Q-5er, May98:1
 Permeability Tuning, (after WWII), May13:10
 Picking Up the Broadcasting Tab, Sep98:5
 Piezoelectricity—From Radio to Broken Legs, July23:1
 Pioneer in Plastics in Radio, Sep05:14
 Playing Radio Game, Sep19:1
 A Popular Mechanics Stone Soup Radio, by E. Lyon
 and J. Sousa, Nov10:1
 Practical Restoration & Repair Tips, Oct87: 3, Nov87: 4
 The Proximity Fuse Program, Mar01:1
 Push-Pull Pioneers, Jan19:1
 Putting the Searchlight on Off-Brands, Jul03: 1
 Putting Therms in Thermionic Cathodes, Sep13, p. 9.
 QSLs of the Rich and Famous, Jan01:8
 Radar on Television – Well, Sort Of, Mar22:8
 RadioActivity 97, Best Ever, Jul97: 1
 RadioActivity 2007 Theme: Catalog Radios, Mar07:14
 RadioActivity 2008 Theme: Crosley, Sep07:1
 RadioActivity 2008 Report, Nov07:13
 RadioActivity 2013 Update and Auction
 Highlights, May13:9
 RadioActivity: It Keeps Getting Better, Jul02: 5
 Radio Age Solves an Old Mystery, Mar02: 10
 Radio and the Fall of the Third Republic, Sep99:1
 Radio and Prohibition, May06:13
 Radio-Controlled Drones--A Modern Surveillance Tool,
 Jan02: 12
 Radio Death Rays, Jan00:4

Radio Echoes...Echoes...Echoes, Part 1, Sep11:1
 Part 2, Nov11:1; Part 3, Jan12:1
 Radio Evesdropping System of the 1940s, Nov97: 5
 Radio in the Great Depression, Nov24:1
 Radio In Time of War, Part 1, Jul20:7; Part 2, Sep20:5
 Radio Operator, Patriot, Calliope-Player,
 and Racket-Buster—the Story of Edwin Jenyss
 Quinby, Mar06:1 & 12
 Radio Quizzes - see listing under Radio Quizzes
 Radio Signals—Some Are Trustworthy—Others Lie,
 Sep16:10
 Radio's Perfect Storm, Sep21:1
 Railway Communications, Mar21, p. 1
 Rationing in the War, Jul04: 14, Nov04: 9
 Ravenswood Radio - A Latter-Day Scott, Sep97: 3
 RCA's Little Nipper Division, Nov02: 13
 A Real Cathedral Radio, Sep98:4
 Recapping That Old Radio - A Recap, Jan98:1
 R. E. Lacault's Superhet: The Ultradyne, Sep01:12
 Remembering Magnetic Recording and Radio, Nov19:1
 Repairing a "British" Radio Made on Long Island,
 Jul14:10
 Resistance-Type Power Line Cords - What to do About
 Them, Jul96:8
 Restoration of Transistor Electronics – Part 1, Jan20:1,
 Part 2, Mar20:7, Part 3, May20:13
 Resistors-So Simple Nowadays, Mar99:5
 Restoring Automobile Radios, Jul18:1
 Restoring Brightness to the 6E5/6U5, with
 Joe Sousa, Nov12:1; Follow-up, Jan13:10
 Restoring Peace in an Uprising, or - A Stewart-Warner
 Saves the Day, Feb17:1
 Rider Volume Zero?, Jul98:1
 Riding the Wave: When Radio Was the Cutting
 Edge, Nov17:1
 The Rise and Fall of Shortwave Radio, Part 1,
 Jan10:1; Part 2: Mar10:1
 The Rod-Element Vacuum Tubes, May11:1
 The Route to Joe-1, Sept24: 1
 Sailing Along with C&W Music (RCA 65BR9), May22:12
 Scott Performance from an Emerson (DS-365), Jul22:12
 A Secure Facsimile Printing Machine, Mar23:12
 Service award presented to Ed Lyon, Mar92: 8
 Setchell-Carlson—and Odd Power Sources, Jan12:8
 Sharing the Blame: British Radios That Left American
 Fingerprints, Sep14:10
 The Shocking Mystery Control Mystery, May08:4
 A Shop-Built Subminiature Radio, Sep03: 9
 Shortwave Radio – For International Leisure, Learning,
 and Liberty, Mar19:1
 Silent Radios, Nov03: 1; follow-up, Jan04: 10
 Silvertone Look-Alike Cathedrals, Nov01:9
 A Simple AM Broadcaster for the Radio Collector, Sep15:1
 Simplification and Innovation: Making FM Radios
 Affordable, May05: 6
 Small Antennas, May03: 7
 Solving Technology Shortfalls, Jan25, p1
 Spanning the Empire - The First Wireless Network, Feb95:1
 The Sparton Model 500 "Champlave," Jul02: 1
 Speaking of Transformers, Jul17:13
 Spherical Inductors, Jul00:10
 Spies Who Came In From the Cold, Sep02: 1

Spread Spectrum Signals, Jan23:1
 Static!...and Experiments to Reduce It, Jul12:9
 Sterophonic Sound, May95:1; Jul95:1
 The Struggle for FM Broadcasting, Jan05: 1
 Stump the Experts, May87: 12; Aug88: 11; Nov88: 13
 Substituting for Hard-to-find Tubes and a Radio that
 Used Substitutes from the Get-go, Jul02: 15
 Substitutions—Some of them Work, Jul14:12
 Superheterodynes—The French Connection, Jul13:12
 Superregeneration, Jul12:1
 Taking the High Road: Upconverting in Superheterodynes,
 by Ed Lyon and Richard Altig, Mar18:11
 Teaching Electronics Principles—Then and Now, Jan16:11
 The Target: WJAS, May02: 11
 That Announcer's Deep Base Voice, Jul 97: 5
 That Radio Has HOW Many Tubes?, Jan00:10
 The Thompson Minuet Collectors, Mar07:1
 There's Always Space for Radio, July24:1
 Things that Rhyme With Resistors, May16:12
 Those Catalin Radios, Apr86: 7
 Those Philco Capacitors, Nov87: 11
 Those Thick Edison Records, Sep07:14
 Those Thousands of Little Inventors, Nov00:1; Follow-up,
 Mar01:10
 Three-Ring Circuits, Sep23:14
 To Tell the Truth or Will the Real History of Radio Please
 Stand Up?, Jan01:1; Follow-up, Mar01:10
 Tom Mix Tidbit, by Ed Lyon, Jan24:13
 Tom Swift and his Electric Hydrogen Bomb, Mar05: 1
 A Tough AK Radio Restoration, by D. Koczur and
 E. Lyon, Jul11:1
 Trial by Fire (restoring Wilcox-Gay 70), Sep03: 6
 The Triple-Twin and Dynamic Coupling, Jul08:1
 A Truetone [Model D-1825] with a Not-So-True Tone,
 Sep09:12
 Tube Lore Supplemental Data, May01:11
 Tuning In During the War, Sep00:1
 Two Radar Hits and a Miss—At Orford Ness, Jul20:1
 Two Radio Problems—Two Outcomes, Jul16:11
 Two World War II Radios from Europe, Jan97:10
 Upgrading the Radio Repair Bench, May15: 1
 The Very First Antenna or Aerial, Sep04: 13
 A Very Klein Kleinempfänger, Nov97: 9
 Volume Control in Three-Dialers, Nov97: 7
 Volume controls in Zeniths, with tone taps, Nov17:9
 The Voxson "Harvey" Three-way Portable--Well,
 Almost, May02: 1
 A Wadley Loop Receiver - The Racal RA-17, Jan99:1
 Walkie -Talkies, and Then Some..., Jul2:1
 Wartime Television, Nov01:1
 Wartime Television Sequel--A Sneak Preview, Mar03: 13
 Wartime Television--A Sequel, May03: 1
 Watch out for the Big Easy Diode Fix, Sep07:12
 The Well-Grounded Radio Conspiracy, May17:9
 When Noise Obscured the Earth Image, May24:1
 When Radio Plain-Talk Saved Lives, May25:1
 When One Tube is Not Enough, (safety problem in Model
 121 record player), Sep10:13
 When Ponderous Companies Ponder, May07:1
 When Socket Power Came to Raio, Sept22:1
 When Tubes Run Backwards, by E. Lyon, Jan21:9
 Where Am I – and Who Wants to Know? Nov22:1

Who's On First? – or – How Navy Radio Covered Its Bets, Jan15:1
 Wide-Shadow-Angle Tuning Indicator Tubes, Jan03:7
 The Wide Shadow-Angle Mystery—Solved!, May11:9
 The Winther Brothers' Warwick Radio – on a Roll, by Ed Lyon and Joe Sousa, Jul17:1
 A Wonder Radio, Nov09:7
 Woodies—Washington's Radio Store for 1922, Sep09:9
 The Woodpecker Watch, Mar13:1
 The World's Largest Shortwave Antenna?, Jul07:9
 A World War II Japanese Navy Type 609 Wavemeter Receiver, Sep03: 1
 Wunderlich's B Tube, Jan00:1
 Wunderlich Tube Characteristics, by E. Lyon and J. Sousa, Sep11:9
 The Yoke Easy-Zed Baker System, Mar12:11; follow-up: May12:10
 The Youngest Catalin Radio?, Nov01:12
 "You're Listening to Charlie and His Orchestra...", Jan97:4, Follow-up, Sep97: 12
 Zenith's Cathedral - The Zenette, Nov98:12
MAARC - See Mid-Atlantic Antique Radio Club
Mackay Radio
 Kolster Radio Corporation, (company book reprint), Apr17:1
Mackiewicz, Dick
 The First Cordless Phone, Jan97:13
 Headphone Values, Mar96:8
 Is That Old Headset Really Any Good?, May 97: 9
 Measuring Old Grid Leaks, Jul97: 7
Magazines
 Back to the Future, (predictions in old radio magazines), by S. Snyderman, Jun94:13
 Hugo Gernsback and Radio, by E. Lyon, Jan08:1
 Radio Index Magazine, Mar87: 16
Magic Eye Tubes - See "Tubes - Magic Eye"
Magic Tone - see Radio Development and Research Co.
Magic Lion (eye-tube device), Jan01:13
Magnetron [brand] tubes - ad reproduction, Feb92: 17
Magnavox
 Ad Reproductions
 1927 paper cone speaker, Feb91: 12
 Loboy cone speaker, Jun02: 13
 R-2, R-3 horn speakers, Jun91: 15
 Tidbit about early horn speakers, May03: 14
Magnetic Recording
 Getting Half a Start in Tape Recording, by E. Lyon, Jan04: 1
 Magnetic Recording - It's Come a Long Way, by E. Lyon, Jan97:6
 Memorable Magnetic Tape Memories, by E. Lyon and R. Altig, May18:1
 Remembering Magnetic Recording and Radio, by E. Lyon, Nov19:1
Magnetic Storms
 Radio's Perfect Storm, by E. Lyon, Sep21:1
Magnetophon
 Getting Half a Start in Tape Recording, by E. Lyon, Jan04: 1
Magnetron Tubes
 The General Electric Magnetrons, by E. Lyon, May14:1
Maguire
 Early and Late Rarities in Catalin, by E. Lyon, Jul04: 8
 Sarkes Tarzian and His HiFAM Experiment, by A. Mitz,

Jul04: 1
Mail Purchases
 Another View, by A. Mooradian, Oct89: 11
 Hints, by R. Lozier, Jul89: 8
Majestic (Grigsby-Grunow, NOT Majestic Radio & TV)
 Ad Reproductions: Models 194, 461, May85: 7;
 Models 371, 373, 331, and spray shield tubes, Jul85: 23
 Adding a Phono Input and Getting Majestic Performance, Nov18:10
 A Majestic Modification, by E. Lyon, Mar02: 10
 Majestic Spray Shield Tubes, by B. Belanger, Aug19:12
 Model 20 - Restoration Hints, by T. Hannah, Jun90: 13; by E. Lyon, Nov96:9
 Models 70, 71, 72: Getting Majestic Performance, Nov18:10
 Models 90 & 100 - Restoration, by T. Hannah, Sep90: 6
 Model 300, Sep98:4
 Model 300A:
 The Majestic 300A, Aug19:7
 Tidbits, Jul19:8
 Model 340 Squelch circuit, Jan18:8
 Notes on the Majestic Models 51/52, by T. Hannah, Jun05:14
 Tube Lore: "Majestic" Tubes, by L. Sibley, Jul95:8
 Substituting for Majestic tubes (2S, 4S, 56AS, 57AS, 58AS), Apr98:15
Majestic Radio and Television Co. (NOT Grigsby-Grunow)
 Model 5T, Oct89: 8
Mallory
 Electronic Laboratories, Inc. (compare to Mallory), by Ed Lyon, Feb17:11
 The Mallory Radio Service Encyclopedia, by S. Lopes, Jan93: 7
 Notes on the Online Version of the Mallory-Yaxley Encyclopedia, Sep09:10
 Sightseeing in an Electrolytic Capacitor Factory, by L. Markus, Dec14:1
Manhattan Project
 Local Reach of the Manhattan Project, by E. Lyon, Mar23:10
Manns, John, Member in the News, Oct89: 15
Manuals - Ordering Manuals from NTIS, Mar92: 5
Marathon - Ad Reproduction - ac kit, Jun89: 17
Marblette Corporation
 The Marblette Corporation and Radio Cabinets, by E. Lyon, Jul99:10
Marconi
 106 Tuner - close-up photos, Apr86: 13
 A Find for All to Enjoy, by T. & B. Wierper (materials for Marconi Conference Center in Calif.), Jul93:8
 Early Wireless and Early Aviation, by D. Sohn, Jun07:1
 Historical Note, by E. Lyon, (sale of alternators), Oct86: 5
 Italy Celebrating 100 Years of Radio, Oct95:16
 The Marchese Strikes Back, by G. Symonds, Jul89: 9
 Marconi and His Trans-Atlantic "S", by E. Lyon, May01:1
 Marconi Conference Center, California, Jul93:8
 Marconi National Historic Site (Glance Bay, Nova Scotia, Canada), Oct89: 12, Jun04: 8
 Marconi-Osram V24, tidbit, Jul07:11
 Marconi, Tesla, Rutherford, and Wireless, by E. Lyon, Sep09:1
 Marconi Tower Dedication, Scranton, PA, Apr98:15
 Spanning the Empire - The First Wireless Network, by E. Lyon, Feb95:1
 United States National Marconi Museum, (Bedford, NH)

- Oct04: 11
- Margo Detector**
Early Broadcast Variations of the Fleming Valve, by Daniel Sohn, Jun18:8
- Maritime and Radio**
Early Wireless and Disaster at Sea, by D. Sohn, Oct08, p. 1
Early Wireless on the Old Dominion Line, by D. Sohn, Apr07:1
Wireless on the Great Lakes, by L. McDonald, Oct06:1
- Markus, L. J.**
Sightseeing in an Electrolytic Capacitor Factory, Dec14:1
- Marshall, Curtiss**
AM Transmitter for Use with Old Receivers, Mar91: 8
Dial Belts for Atwater Kent Radios, Oct90: 15
A Very Low Current Continuity and Leakage Tester, May91: 9; correction Jun91: 8
- Martin, Kent**
The 1938 Zenith 15U269 Console - Deco to the Max, May04: 9
The Soul of a Great Machine (Scott Philharmonic), May91: 8
- Martin, Stan**
Florence Remembers the Addison Assembly Line, Aug00:7
- Marva-Lens Industries**
Quirky Radio Antennas in Disguise, by J. Okolowicz, Dec19:1
- Marwol**
Ad reproduction for Baby Grand and Model A-1, Apr91: 17
- Marx Generators**
A Midlife Crisis in Spark Transmitters, by E. Lyon, Jul09:1
- Mast, Ben**
AWA 1990 Southeast Regional Conference (Mtg. Report), May90: 7
Book Review: *Brass Button Broadcasters* by Trent Christman, Jul92: 5
- Matzko, Rod**
An Evolutionary Step Forward in Television: The Casio TV-10 LCD TV, Oct23.p1
Bendix Radio Enters the Home Radio Market, Jul01: 1
Book Review: *Zenith Royal 500 Transistor Radios - "Owl Eyes,"* Mar98:18
A Financial Perspective on RadioActivity 2009, Jul09:8
MAARC Treasurer's Reports - See Mid-Atlantic Antique Radio Club, Financial Statements/Treasurer's Reports
The Old Equipment Contest at RadioActivity 2003, Aug03: 1
RadioActivity Costs, Oct06:12
A Review of MAARC's Finances for 2009
Watchman TVs, Oct24, p1
Zvezda-54, Oct18:1
- Mazda**
Tube type T.M. 2
- McCalley, Bruce**
Making It In New York City in the 1930s, Oct02:12
Radio Servicing During World War Two, Dec00:12
- McCullough**
Ad Reproduction, AC receiver, Dec02: 5
- McDermott, John**
Hooked on German Radios, Oct92: 11
- McDonald (Company)**
Ad Reproduction - Howl Arrester, Jan89: 19
- McDonald, Levon**
Wireless on the Great Lakes, Oct06:1
- McIntosh amplifiers**
Audio Under Glass, by E. Lyon, May08:11
- McIntosh, Ken**
The Missing Story, Sep89: 9
- McMurdo Silver**
Ad Reproductions:
Masterpiece VI, Apr92: 3; Apr92: 12
Tuned antenna, Aug90: 19
A Tale of Two Radios, by J. Koester, Oct20:9
Silver vs. Chrome, by J. Koester, Aug01:1 and Oct01:1
- Meagher, Joe**
Tidbit (honored), Apr13:14
- Mebane Auction**
Mebane Auction Follies-2022, by J. Cudd, May23:6
- Meck**
After the Fall: Three Meck-Scotts, by L. Sibley, Mar98:16
- Mellgren, Ken**
A Few Reflections and Thoughts on the Good Old Days and Radio's Future, Oct91: 15
- Meeting Reports**
ARCA (Antique Radio Club of America) - June 1986, Louisville, KY, Jul86: 12
ARCI (Antique Radio Club of Illinois) - Aug. 1997, Elgin, IL, Sep97: 4
AWA (Antique Wireless Association) - March 1986, Charlotte, NC, Apr86: 3; March 2010, May10:9
AWA - March 1989, Harrisburg, PA, May89: 4
AWA - March 1990, Monroe, NC, May90: 7
AWA - March 2003, Charlotte, NC, May03: 12
Extravaganza - July 1990, Lansing, MI, Aug90: 8
Extravaganza - July 2003, by Lozier and Farmer, Sep03: 13
Extravaganza - July 2004, by P. Farmer, Sep04: 9
Extravaganza - July 2005, by P. Farmer, Aug05:12
Kutztown Meet Report, by G. Shearer, Nov07:13
Lansing Radio Extravaganza: Still the Best, by P. Farmer, Sep07:6
Report from Charlotte [AWA], by P. Farmer, May02: 7
Rochester 2003, A Quick-Look Report, by R. Lozier & P. Farmer, Sep03: 12
VRPS/AWA Convention, 1995, Dallas, TX, Jan96:12
- Meissner**
A Curiously Strong FM Converter, by E. Lyon, Mar08:4 (Meissner Model 9-1047)
FM tuners, Jan08:10
- Member Spotlight**
Gary Alley, Oct03: 8
Barry and Betty Callis, Feb19:1
Buford Chidester, Oct19:1
Ed Lyon, Oct13:8
David Rosetti, Oct25, p1
Willie Sessoms, Jun18:1
Bob Schmitz, April24, 12
- Menassa, Bret**
Review of his videotape/DVD on radio restoration, Aug04: 8
- Mercury Theater of the Air**
The Great Radio Panic of 1938 by Paul Everett, Mar97:9
- Mercury**
Tube Testers, May97: 6
- Merker-Flocker Electric Co.**
Establishing a Provenance, by Daniel Sohn, Feb16:1
- Metal Parts**
Some Thoughts on Those Aged and Crumbling

Parts, by D. Houston, Jan94:6
Tidbit on pot metal, Jun01:11

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

Meteor
Ad Reproduction - Receiving Transformer, Oct89: 15

Meters
Meter glass replacement, Dec93:15
Meter Replacement by D. Rossetti, Feb20:10

Mexican radio stations
The Most Memorable of the Border Blasters, by E. Lyon, Aug95:10

Meyer, Stuart - Obituary, Aug94:10

Michigan Radio Corp.
On Klitzen!, by Greg Hunolt, Oct09:1

Micr-O-Phone – See Aldene Radio & Mfgr. Co.

Microphones
The Components of Radio, by E. Lyon, Aug89: 4
Early Broadcast Radio and the Missing Link Microphone, by Daniel Sohn, Jun16:9
Microphone Fundamentals, by Domi Sanchez, Feb18:12
Piezoelectricity—From Radio to Broken Legs, by E. Lyon, July23:1
That Announcer's Deep Base Voice, by E. Lyon, Jul97: 5

Microtubes
Tube Lore Supplemental Data, May01:11
Tidbit, Nov03: 10

Mid-Atlantic Antique Radio Club
40th Anniversary, Jun24:1
Ad policy, Mar85:6
Auction policy, Oct91:5, Jun16:14
Board of Directors Election, Oct25, p3
A Brief History of MAARC, Aug09:2
By-laws, Apr86: 1; Proposed Changes to Bylaws, Apr94:13; revised by-laws, Jun94:18
Constitution & By-laws, Apr86: 1; Apr94:13; Jun94:18
Discussion Forum, May14:8
Dues Increase, Apr94:16; Oct23, p.3
Elections:
Fall 1994, Jul94: 9
Fall 1996, Jul96:4; Aug96:15
Fall 2000, Oct00:6
Fall 2004, Nov04: 12
FallFest 2007, Dec07:13, 14
FallFest 2009, Nov09:9
FallFest 2015, Dec15:6
FallFest 2018, Dec18:13
Fallfest 2021, Dec21:14
A Financial Perspective on RadioActivity 2009, Jul09:8
Financial Statements/Treasurer's Reports:
Through September 1986, Nov86: 14;
Through September 1987, Oct87: 7
Through September 1988, Nov88: 3
Through September 1989, Oct89: 12
Through September 1990, Oct90: 11
Through September 1991, Oct91: 12
Through September 1992, Oct92: 14
Through September 1993, Oct93:11
Through September 1994, Oct94:6
Through December 1996, Feb97:9
Through December 1997, Mar98:6
Through December 1998, Feb99:10
Through December 2000, Apr01:12
Through December 2001, Apr02: 9
Through December 2002, May03: 13
Through December 2003, Apr04: 10
For 2009, Apr10:15
For 2011, Aug11:14
Future Library, Jan91: 8
Happy Birthday, MAARC, (10th birthday) by J. Koester, Jul94:1
A Look Back [history of MAARC], by J. Koester, Jul86: 14
MAARC Memories, by T. Hannah, Aug06:14
MAARC's milestones, (49th anniversary) Jun24:8
MAARC's 2001 Service and Honor Awards, Jul02: 14
MAARC's First Virtual Meeting, Oct20:8
MAARC's Semi-Secret Schematic Service, by T. Hannah, Feb93: 12
MAARC--The Beginning, by G. Schneider, Oct01:12
MAARC's Tube Sales, by C. Scarborough, Apr01:8
Membership distribution, Feb24,:3
Membership policy, Mar92: 7
Museum
Discussion, Nov89: 3
Endorsement of Museum/Library Corporation, Aug93:6
News from the President, Jun95:15
Nominating Committee, Aug94:19
The NRI Schematic Service and the MAARC/RHS Connection, by B. Belanger, Dec01:6
Old Equipment Contests
1989 - First Annual, Nov89: 6; Dec89: 9, 18
1990 - Second Annual, Oct90: 10; Nov90: 1; Dec90: 10; Jan91: 6
1992 - Third Annual, Mar92: 6; Jul92: 8
1997 - Jul97: 4
2001 - Jul01:11
2003 - Aug03: 1
2004 - Aug04: 11
2006 – Sep06:11
2007 – Jul07:13
2013 – Jan13:6
2016 – Jan16:14, Aug16:14
2017 – Jul17:11
2018 – Jul18:13
2022 – Jul22:9
Picnics:
1990, Dec90: 5
1991, Nov91: 6
1992, Nov92: 7
1994, Sep94:15, Nov94:10
1995, Sep95:8; Dec95:15
1996, Sep96:7
1997, Sep97: 1
2001, Dec01: 9
Policy Regarding Assistance to Widowed Members, Feb90: 8
President's report – Nov10:8; Jan12:7; Apr12:11, May17:7
Radio Age Comes to MAARC, by J. Koester, Apr94:11
Radio Age Comes to MAARC, Jun94:1
Radio Age: Not Just a Club Newsletter, by P. Farmer, Jan01:8
RadioActivity 94, Apr94:17, May94:11, Aug94:11
RadioActivity 95, Feb95:8; Apr95:19; May95 (insert);

Jul95:13
 RadioActivity 96: Apr96 and May96 inserts; May96:10
 Jul96:5
 RadioActivity 97: Apr97 and May97 inserts; Jul97: 1
 RadioActivity 98: Apr98 and May98 inserts; Jul98:8
 RadioActivity 99: Feb99: 12, Apr99 and May99 inserts,
 May99:13, Jul99:1
 RadioActivity 2000: Apr00 and May00 inserts; May00:6;
 Jul00:1, 7
 RadioActivity 2001: Feb01:7, Apr00 and May00 inserts,
 Jul01:11
 RadioActivity 2002: Jan02: 11, Feb02 and Mar02 inserts,
 Jul02: 5
 RadioActivity 2003: Apr02 and May02 inserts, Jul03: 12,
 Aug03: 1, Aug03: 10
 RadioActivity 2004: Feb04: 16, Apr04 and May04 inserts,
 Jul04: 11
 RadioActivity 2005: Apr05 and May05 inserts
 RadioActivity 2006: March and April 06 inserts,
 Jul06:6, Sep06:11
 RadioActivity 2007, March and April 07 inserts,
 Mar07:14, Aug07:14
 RadioActivity 2008, Crosley Theme, Sep07:1, Nov07:13,
 Mar&Apr08 insert, Jul08:9, 13
 RadioActivity 2010: A Great Success, Aug10:11
 RadioActivity 2011 – Scenes, Jul11:9, OEC, Jul11:12
 RadioActivity 2013 Update and Auction
 Highlights, by E. Lyon, May13:9
 RadioActivity 2014 - Art Deco and the Machine Age in
 Radio, by E. Lyon, Jan14:11, follow-up, Mar14:13;
 Pictures, Aug14:13, Jun15:14
 RadioActivity 2015 – pictures, Aug15:14
 RadioActivity 2016 – pictures, Nov16:14
 RadioActivity 2017 – announcement and OEC, Dec16:7,
 pictures Jul17:6, OEC results Jul17:11
 RadioActivity 2018 – inserts, March and April 2018
 RadioActivity 2019, Aug19:11
 RadioActivity 2023, Contest results, July 23:7
 RadioActivity 2025 Report Aug25, p7
 RadioActivity Costs, by R. Matzko, Oct06:12
 Radio Open House, Apr04: 13
 Radio repair classes, Feb95:6; May95:13
 Scenes from the Columbia Mall Show, Jun 92: 12
 Scenes from the Laurel Mall Show, Apr92: 10
 Schematic Service Changes, Apr01:14
 Smithsonian trip at first Annual meet, Sep25, p8
 Super Show-‘N-Tell—2013, Mar13:13
 Super Show and Tell, Feb. 2020, Mar20:12
 Technical Library, by J. Koester, Nov87: 10
 Website - May99:16
Midland
 Model MSB tracking, Sep17:9
Midwest Radio Corp.
 Ad Reproductions:
 8-tube, one dial model, Aug91: 20
 Battery & ac sets, Nov85: 10
 Console - mid-1930s, Apr93:17
 Early one-tube battery set, Jan88: 10
 A Midwest Odyssey, by J. Koester, Feb13:1
 The Midwest Radio Corporation, by B. Belanger, Dec20:1
 That Radio Has HOW Many Tubes, by E. Lyon, Jan00:10
 World War II military equipment, Jan25, p8

YJ Navy radio, July25, p8
Miessner, Benjamin
 Parallel Universes of Radio Development, by E.
 Lyon, Jul03: 5
Mildew removal, Jun95:15
Milestones in Radio
 October Radio Milestones, by M. Koste, Oct04: 14
Miller Effect
 An Orioles’ Double-Play—Armstrong-to-Miller-to-Winther,
 by E. Lyon and Joe Sousa, Jan14:1
Minasian, Raffi
 Westinghouse WR-8, by R. Minasian, Sep21:11
Minerva
 Keeping up Morale in the Services, by Ed Lyon, Sep17:1
 Minerva Table Radio Model W-728 Resurrection,
 by Bill Goodwin, Jun13, p. 8
Minzell, Marty
 Morse Code for those with disabilities (letter), Nov96:7
Miraco - See Midwest Radio Co.
Mitz, Andrew
 AES K-101 Battery Eliminator, Oct01:9
 Post War to Pre War FM Band Receiving Converter, Jul99:4
 Sarkes Tarzian and His HiFAM Experiment, Jul04: 1
 A Slightly More Modern Approach to Powering Battery
 Sets, Nov02: 1
Mix, Tom
 Tidbit, by Ed Lyon, Jan24:13
Molding Parts
 Replicating Small Parts, by D. Sanchez, June14:8
Molnar, Mike
 The 100th Anniversary of the Neutrodyne, Jan24:1
Monitor (radio show), Jan06:10
Monodyne - See National Airphone
Monroe
 Globe Electric of Milwaukee, by D. Boyce, Apr11:1
Monsanto - Radio cabinets, Dec88: 3
Montgomery Ward radios - See Airline
Mooradian, Andrew
 Mail Purchases--Another View, Oct89: 11
 Making 1930s Wax-Style Capacitors, May94:8
Moore, Bill - Profile of the Philco Model 144, Feb86: 9
Moore, Maurice
 Tuning to a Non-Technical Station, Jan87: 11
Mooney, Charlie
 The 1926 Jones Deluxe Radio, Feb92: 14
 Atwater Kent and RCA Cabinets: The Hanover
 Connection, Oct93:9, Dec93:6
 Book Review
Fine Woodworking on Finishing and Refinishing, Dec86: 3
 Cleaning wood cabinets/filling scratches (restoration
 tip), Jul86: 10
 A Hanover Legend (E. J. Gobrecht), Aug94:11
 Hints on Moving A Radio Collection, Feb90: 5
 Mooney Estate Auction, Aug05:5
 A Most Unusual Place to Find a “For Sale” List, Apr93:16
 An Off-the-wall Model 100A Speaker, Nov92: 5;
 correction, Dec92: 9
 Obituary, Jul05:10, Aug05:5
 Old Radio Collection Keeps Him Tinkering, Jan91: 5
 Radios (Especially Atwater Kent Breadboards) at Auction:
 Buyer Beware, Aug. 94: 15
 Saving a Sawed-Off Grebe CR-9, Jun01:5

Moss, Marvin

Remembrances of a Summer at WMMB and Jack Kilby,
Oct22:8

Morale Receivers

Keeping up Morale in the Services, by Ed Lyon, Sep17:1
NRL and the Morale Receivers, by Ed Lyon, Mar25:9

Morgan, Jim

Product Review: SDRPlay, Aug16:11

Morgan, Roy, Mar95:6**Morris Collapsible Ball Antenna**

The Super-Ball Antenna Company—Part 1, by G.
Hunolt, Jun11:8; Part 2: Aug11:9

Morse Code

Ham code requirement ends, Oct07:13
International Morse Preservation Society, Dec99:14

Motorola

Model 56R (cabinet material - not a Catalin), Aug88: 11
Model 5P31A and "Tinkertoy" modules, Nov93:1
Motorola, Automobile Radios, and Police Calls, by B.
Belanger, Apr93:9
The Magic Eliminode, by C. Gehman, Oct93:10
More on the Motorola Magic Eliminode, by C. Gehman,
Feb94:4
More on the Statiktester and Still More on the Magic
Eliminode, by O. Parker, Apr94:8
Motorola Museum, Jun04: 8
Restoring an Early Motorola Television, by T. Houghtaling,
Aug02: 1; Part II, Jun03: 1

Muchow, Ralph; Obituary, Apr00:15**Mu-Rad**

The Dynergy Receiver—Just Plug It In, by B.
Belanger, Oct12:1

Multimeters

A DMM Service Hint, by T. Hannah, Aug 99:6
Can You Trust Your Meter?, Dec12:11
The ME-297/U or AN/USM-223 VOM, by A. Douglas,
Mar92: 5
Possibly the Only Multitester You Will Ever Need, by T.
Hannah, Jan96:4
VTVM History: The Rider VoltOhmyst, by O. Parker,
Feb94:8
VOM Accuracy: A Follow-up Experiment, by
B. Belanger, Apr19:11

Muntz

Muntz – TV and More, by L. Sibley, Apr22:6;
Follow-up, Aug22:8

Murdock

Ad Reproductions
Horn Speaker, Sep89: 4
Variocoupler, variometer, loose coupler, Mar85: 10

Murgas, Rev. Joseph

The Well-Grounded Radio Conspiracy,
by Ed Lyon, May17:9

Murrow, Edward R.

Columbia, the Gem, by E. Lyon, Nov00:11

Musée des Ondes Emile Berliner (Montreal,
Quebec), Oct04: 11**Museum of Broadcast Communications**

Antique Radio and Television Museums, by B.
Belanger, Apr04: 1, Jun04: 8

Museum of Radio and Technology (Huntington, WV)

Antique Radio and Television Museums, Jun04: 8

Museum of Steam and Wireless (E. Providence, RI),
Jan89: 12**Museum of Television and Radio** (New York City and
Los Angeles)

Antique Radio and Television Museums, Part II, Jun04: 8

Museums

The Amherst Museum (East Amherst, NY), Feb89: 4
Another Atwater Kent Museum (Kent's Corner, VT),
Jan90: 3
Antique Radio and Television Museums, by B.
Belanger, Apr04: 1, Jun04: 8
Atwater Kent Museum, (Philadelphia, PA), Apr89: 5;
Jul89: 9
Deaccession Sale - Ford Museum, Aug95:14
Extensive Publicity Accompanies Grand Opening of RHS
Museum, by B. Belanger, Aug99:14
Foothill Electronics Museum (Los Altos Hills, CA),
Apr89: 3; Mar90: 1;
German Radio Museum, Oct06:14
Historical Electronics Museum (Baltimore, MD),
Dec86: 10, Jul93:11, Jun94:24
Indiana Historical Radio Museum, Dec03: 10
Infoage, Oct05:10, May16:8
MAARC Museum (Site to be determined), Nov89: 3
Marconi Conference Center, California, Jul93:8
Marconi National Historic Site (Glace Bay, Nova Scotia,
Canada), Oct89: 12
Musée des Ondes Emile Berliner, (Montreal, Quebec),
Oct04: 11
Museum of Steam and Wireless (E. Providence, RI),
Jan89: 12
The National Electronics Museum, by
Domi Sanchez, Jan17:1
National Museum of Communications (Dallas, TX),
May87: 3, Nov94:8
National Voice of America Museum of Broadcasting,
(West Chester, OH) Apr09:12
News Update - A Museum on the Horizon, Apr97:13
Northwest Vintage Radio Museum, Inc., Aug91: 8
The Pavek Museum of Broadcasting (St. Louis Park,
MN), Dec93:17
The Radio-Television Museum (Bowie, MD)
Radio-Television Museum to Open in Time for
RadioActivity 99, Apr99:15, follow-up, May99:16
Southern Appalachian Radio Museum, (Ashville, NC)
Oct04: 11
United States National Marconi Museum, (Bedford, NH)
Oct04: 11
Vintage Radio and Communications Museum of Connecticut,
Inc., Oct04: 12
Vintage Wireless Museum (W. Dulwich, England), Jan87: 4
Voice of America [and Gray] Museum (Bethany, OH),
Oct04: 12
Western Historic Radio Museum (Virginia City,
NV), Dec04: 6
Wonderful World of Wireless Museum, (St. Louis Park,
MN), Apr89: 3 (See also the Pavek Museum)
Yeaw, Ernest (Bayhead, Nova Scotia), Jul88: 17; Jun89: 14

Music Master
The Music Master Radios, by E. Lyon, Jul10:1**Mutual Broadcasting System**

Ask Mr. Answerman, May04: 4

Mvers Tubes

Ad reproduction, Oct06:14

Mystery Sets, Jan89: 18

MZTV Museum of Television (Toronto, Ontario)

Antique Radio and Television Museums, Part II, Jun04: 8

NAA (Navy Radio Station--Arlington, VA)

Locating the NAA Tower, by J. Carr, Oct89: 16

The Marvels of a High-End Wireless Receiver, by E.

Lyon, Mar09:1

Nostalgia Time: NAA Arlington, by T. Hannah, Sep89: 3

Note on tower location, Aug89: 14

Radio, Virginia?, Oct93:8

Special Rites to Close Radio Arlington Saturday, July 12, 1956, Jul90: 8

Who's On First? – or – How Navy Radio Covered Its

Bets, by E. Lyon, Jan15:1

Nathaniel Baldwin - See Baldwin

National Airphone Corp.

Ad Reproductions:

Gold Grain Detector, May90: 12;

Monodyne, Dec86: 13

National Bureau of Standards

The Dynergy Receiver—Just Plug It In, Oct12:1

A Lucite Radio Made with Tinkertoys, Nov93:1

Tidbit on Lowell, Jan14:8

National Company

Ad Reproductions

Model MB-30 Tuner, Feb90: 17

Model SW-3, Apr94:7

Coil Sets for the HRO Family of Receivers, by L.

Sibley, Feb96:10; Follow up, Mar96:4

Collectable Aircraft Radios by E. Lyon, Part 2, Sep05:1

HRO tidbit, May10:10

HRO versus HRO, by Ed Lyon, Sep13:1

More on the National HRO, Jun05:13

National Electric Signaling Co.

Info. on station in Washington, DC, Jan96:9

National Electric Supply Co.

Role in Navy receivers, Feb92: 2

National Electronics Museum

The National Electronics Museum, by

Domi Sanchez, Jan17:1

National Museum of Communications (Dallas, TX),

May87: 3, Nov94:8, Jun04: 12

National Radio Institute (NRI)

NRI Ceases Operation, Apr99:7

The Neutrodyne Circuit (Part 1), Apr12:5

The Neutrodyne Circuit (Part 2), Jun12, p. 10

The NRI Schematic Service and the MAARC/RHS

Connection, by B. Belanger, Dec01:6

The True Adventures of Bob Jones, Apr99:7, Jun99:6

National Recovery Administration

The Flight of the Blue Eagle, by Ed Lyon, Mar20:1

National Transformer Mfg. Co. (Chicago)

Ad Reproduction, Nov86: 8

National Union

The Mystery of the Sound X/TRA Tube, by J. Lowe, Jul94:8;

See also Tidbits, Nov04: 10

What's in a Name, by B. Belanger (history), May88: 6; see

also additional data supplement to above article,

Aug88: 12

Naval Research Laboratory - See Navy

Navigation

Amelia's Legacy in Radio, by E. Lyon, Nov03: 6

The Blind Landing Caper, by Ed Lyon, May16:7

Direction Finding, Mar22:11

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

HRR-3, A Spy-Catcher Radio, by Ed Lyon, Mar17:1, May17:8

Frederick Kolster and His Radios, by B. Belanger, Aug08:1

Krupp Circles, by E. Lyon, May06:5

On the Beam--and Staying on It, by E. Lyon, May01:7

Tidbit, Jan04: 10

Navy (Radio, TV, & wireless in the U.S. Navy) See also NAA

Collectable Aircraft Radios by E. Lyon, Jul05:9

Part 2, Sep05:1, Part 3, Nov05:1

Contract Radio Research in the Navy, articles by E. Lyon,

Jun91: 9; Aug91: 1

The First Military Use of Radio, by E. Lyon, Nov03: 5

The Fox Broadcast Grows Mature, by Ed Lyon, Sep25, p1

It's Army vs. Navy on Inauguration Day, March 4, 1929, by D. Sohn, Jun13:1

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

The Marvels of a High-End Wireless Receiver, by E. Lyon, Mar09:1

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

The Military Role in Early Radio, articles by E. Lyon,

Jun90: 1; Aug90: 1; Oct90: 1; Dec90: 1

The Military Struggles to Higher Frequencies,

by E. Lyon, Nov14:1

Naval Air and Radio—Part 1, Jan16:1

Naval Research Laboratory, articles by E. Lyon, Oct90: 1;

Dec90: 1; Apr91: 1; Oct92: 1; Dec92: 1

The Navy and de Forest, by E. Lyon, Jun92: 1

Navy Receivers, by E. Lyon, Dec91: 1; Feb92: 1

...Radar, Nov21:11

Navy Tube Testers, by Dave Rossetti, Apr25:6

Radio Echoes...Echoes...Echoes, Part 1, by E. Lyon, Sep11:1

Part 2, Nov11:1; Part 3, Jan12:1

RBZ radio telephone, May19:8

Wartime Television--A Sequel, by E. Lyon, May03: 1

Who's On First? – or – How Navy Radio Covered Its

Bets, by E. Lyon, Jan15:1

The Yoke Easy-Zed Baker System, by E. Lyon, Mar12: 11;

follow-up: May12:10

Nelson, Mark

TV Signal Boosters ad UHF Converters, Oct23:77

NEMS-Clarke

Tidbit, July 23:14

NESCO

Who's On First? – or – How Navy Radio Covered Its

Bets, by E. Lyon, Jan15:1

Networks

Color-Coding the Networks, by L. Sibley, Jun95:8

Network Broadcasting, by E. Lyon, Feb97:11

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

Spanning the Empire - The First Wireless Network, by E.

Lyon, Feb95:1

Neutrodyne

The 100th Anniversary of the Neutrodyne, by

Mike Molnar, Jan24:1

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

The Music Master Radios, by E. Lyon, Jul10:1

The Neutrodyne Circuit (Part 1), Apr12:5

- The Neutrodyne Circuit (Part 2), Jun12, p. 10
 The Neutrodyne Mystique, by E. Lyon, Jul86: 6
New England Wireless and Steam Museum (E. Greenwich, RI) Antique Radio and Television Museums, Part II, Jun04: 8
New Jersey Antique Radio Club - Nov92: 6
New Jersey Radio Companies
 The Birth of Modern Avionics in New Jersey,
 by Ray Chase, May16:1
News on radio
 "And Now ... World News," by E. Lyon, Jan97:8
New York City
 Making It In New York City in the 1930s, by B.
 McCalley, Oct02: 12 (radio manufacturing)
New, Thomas
 Thomas E. New, Ace Radios, and the Crosley Corp.,
 by B. Belanger, Jun10:6
Nickel Plating Old Radio Parts, by R. Lozier, Dec04: 10
Noblitt-Sparks – See Arvin
Noga, Steve
 A "Uniprobe" for a Heathkit IM-series VTVM, Feb11:12
 Captain Midnight: Radio Hero, Oct24, p.7
 The Corona Radio Project, Aug20:10
 Merry Christmas 1939?, Dec17:11
 Radio Premiums, Feb16:1
 Rescue of a Downed Pilot S-155, by S. Noga, Aug08:8
 Stovetop Dial Covers, by S. Noga, Feb09:13
Noise
 Tracking Down Mysterious Noises, by T. Hannah, Jan89: 13
 Wall Wart RF Noise
Nole, Len
 Foreign-Made Three-Tube Radio of the Thirties, Sep86: 11
 Obituary - Oct93:11
Norden-Hauck, Inc.
 Ad reproductions: Mar87: 8; Admiralty Super-10, Jul86: 18;
 May87: 17; Universal Plio-6, Nov86: 16
 Hauck, Vernon D. (brief comments about Hauck),
 May87: 12; see Aug88: 12 for correction to above item
 The Long Box Superhets – Part 2, by Ed Lyon, Mar18:1
Northeastern Instrument Co.
 Will the Real Cy??? Please Stand Up? by E.
 Lyon, Mar02: 11
Norway
 Antique Radios in Norway, by E. Stenberg, Jul04: 6
Novelty Radios
 A Brief Introduction to Novelty Radios, by
 Domi Sanchez, Feb24:1
 A Cooler Radio Cooler, by Bob Schmitz, Feb24:6
 Book Radios and Speakers, by J. Okolowicz, Aug22:1
 Hey Buddy—Got a Light (cigarette radios), Apr21:1
 Interesting Radios, by J. Koester, Jul85: 10
 Love Is . . . A Radio? By Joe Koester, Feb24:14
 Non-Ocular Binoculars, by J. Okolowicz, Apr22:1
NRI - See National Radio Institute
Nuclear Explosions – Effect on Radio
 Old Radios and HANES, by Ed Lyon, Jan18:1
Nuclear weapons
 The Route to Joe-1, by E. Lyon, Sept24: 1
Nu-Tone
 Aerial Eliminator, Apr20:12
Nuvisitors
 Swan Song of the Vacuum Tube, by T. Hannah, May88: 19
Nye, Rodger
 Obituary, Apr02: 15
Oard Radio Laboratories
 Ad reproduction - Oard Phantom rcvr., Aug91: 4
Obituaries
 Ball, Rollin, Oct96:12
 Begun, Dr. Simi, May95:13
 Bettum, Bill, Jan09:8
 Brown, Art, Jun91: 8
 Camp, Walter, Jan09:8
 Chidester, Buford, Dec24:10
 Colick, Joe, Nov23:14
 Datri, Tom, Oct00:11
 Douglas, Alan, Jan16:6
 Estes, Richard, Jan16:5
 Farmer, Paul, Jul12:14; Aug12:13
 Forney, Victor, Oct16:10
 Freedman, Mike, Nov23:14
 Frisbie, Mar18:15
 Greenough, Leighton, Mar11:14, Apr11:15
 Haasken, Allan, May05: 14
 Hannah, Ted
 Hari, Lou, Aug20:14
 Hartong, Glenn, Aug15:15
 Hastings, T. Mitchell, Jr., Dec94:6
 Hearne, Paul, Jun98:15
 Hinkle, Charles, Mar89: 12
 Houck, Harry, Feb90: 10
 Houghtaling, Tom, Jan14:8
 Hunolt, Gregory, Jan16:6
 Johnson, Dale, Apr11:14
 Kelly, John, Dec00:14
 Kent, A. Atwater, Jul88: 18
 Kloss, Henry, Apr02: 13
 Larrabee, Bob, Mar11:15
 Lindenbach, Nov11:14
 Lopes, Stan, Jan06:13
 Lyon, Millie Apr22:11
 Marshall, Curtis, Oct01:11
 Masterson, Bob, Jun20:3
 Meyer, Stuart, Aug94:10
 Mooney, Charlie, Jul05:10, Aug05:5
 Muchow, Ralph, Apr00:15
 Myers, Larry, Nov07:15
 Nole, Len, Oct93:11
 Nye, Rodger, Apr02: 15
 Olson, Hank, May96:10
 Palmer, Chuck, Jun14:15
 Parry, Keith, Aug85: 1
 Rankin, Robert, May90: 1
 Rider, John F., Jul85: 16
 Robinson, John, May12:14
 Ruben, Samuel, Jan89: 2
 Scali, Marchesa M. Christina Bezzi (Marconi's
 widow), Nov94:8
 ...Sessoms, Willie, Nov21:8; Dec21:13
 Shepler, Jimmy, Oct94:13
 Smith, Emmett, Jun99:12
 Smith, Ross, Oct00:6
 Sprague, Robert, Jan92: 5
 Troe, Jim, Jun11:14
 Turano, Frank, Jan09:8
 Waddel, Frnak, Oct16:10

Williams, Ralph, Jul02: 17
Wilson, Wayne, Apr18:15
Young, Tony, Feb18:4
Zandonini, Elizabeth, Jun89: 3

Okolowicz, John

Admiral Corporation Circa 1950, Dec22:6
Alexis de Sakhnoffsky: Designer, Apr19:1
Around the World With Globe Radios, Apr20:1
Book Radios and Speakers, Aug22:1
Book Reviews:
 The Locator, by G. Larsen, Nov94:13
Carl Schaefer's Biomorphic Radios, June21:1
Edgar F. Haines (1913-1964): Philco Radio Designer,
 Oct94:1
Emil Harman: Designer Extrordinaire (1897-1982), Dec 94:1
Ernest J. Krause and the Radiobar Co., Feb96:1
Earnest J. Krause and the Radiobar Co., Jun05:1
George Patterson, Jr. (1910-1951): Philco Radio
 Designer, Aug94:1
Having a Ball Collecting Radios, Aug21:1
Hey Buddy—Got a Light (cigarette radios), Apr21:1
Industrial Designer Everett Worthington (1891-1938),
 Dec18:1
Interference from automatic night lights, Mar91: 9
The Life of Ken Dahlberg, Oct21:1
A Little Bit of Grille Cloth History, Mar94:1
Mid-Century Modern: Everything Old is New
 Again, Dec23:8
Non-Ocular Binoculars, Apr22:1
Notes on the Online Version of the Mallory-
 Yaxley Encyclopedia, Sep09:10
Philco Alignment Tool, Feb92: 10
Philco's Company Newsletter, Dec96:1
Philco's World War II Cartoons, Apr10:1
Quirky Radio Antennas in Disguise, Dec19:1
Radio Art, Feb97:1
Radio Lamps: What a Bright Idea!, Jun95:1
Radio Service Tip (speaker mounting board), Jan96:3
RDR and the Magic-Tone Bottle Radio, Aug19:1
Repairing Philco Dial Lamp Hood Assemblies, Aug92: 6
Sex Goddesses, Pin-Up Girls, and Radio Ads, Aug17:1

Old Dominion Steamship Line

Early Wireless on the Old Dominion Line, by D.
 Sohn, Apr07:1

Oliver, Barney

Barney Oliver's Rude Discovery, by E. Lyon, Mar12:7

Olson, Hank

Anti-Radar - A Golden Anniversary, (co-author, E. Lyon),
 Nov95:10; Part 2, Jan96:6; Part 3, Mar96:10; Part 4,
 May96:7
The Intermittent, Mar96:12
Obituary, May96:10

O'Neal, James

Interlaced Scanning -Interlaced Video, Jun25:1
The Arc Converter, Oct20:1

O'Neil Mznufacturing Co.

Ad reproduction - Audiophone horn, Sep95:16

Op-Amps

Op-Amps – Then and Now, by E. Lyon, Nov20:5
Operating with Operational Amplifiers,
 by Ed Lyon, July25, p1

Operadio

Ad Reproductions:

Aug14:15

The First Portable Radios – or Dial O for Operadio,
 by E. Lyon, Jan06:1; Follow-up, Mar06:10
Juke Boxes and Operadio, by E.Lyon, Jan06:13;
 Part 2, Mar06:13

Oscillating Lamps, by Ed Lyon, with Joe Sousa, Nov08:9

Optitron

OR-1 Optical Radar, Jan16:11

Oriole Radios

An Orioles' Double-Play—Armstrong-to-Miller-to-Winther,
 by E. Lyon and Joe Sousa, Jan14:1
Tidbit, Sep20:11
W-K Electric, by G. Hunolt, Oct10:1, Comment: Nov10:11
The Winther Brothers' Warwick Radio – on a Roll,
 by Ed Lyon and Joe Sousa, Jul17:1

Orthogonal Frequency Division Multiplexing, Jan25, p8

Ortho-Tenna

The Super-Ball Antenna Company, by G.
 Hunolt, Part 2: Aug11:9

Osborne, Mike

Solid-State Replacement for Early Valves, Jun15:8

Oscillators

The Mysterious TPTG Mystery Story, by Ed Lyon, Sep16:1

Oscilloscopes

Allen B. DuMont—Magic Eyes, CRTs, Oscilloscopes,
 and Television, by B. Belanger, Feb10:1

Upgrading the Radio Repair Bench, by E. Lyon, May15: 1

Overbeck, Bill

Atwater Kent's Expanded Factory, Dec96:7

Ozarka

Ad reproduction (sales plan), Oct91 19
The End of Ozarka, by D. Patterson, May22:6
More on Ozarka, by D. Patterson, Jul06:7
Once in a Lifetime by D. Patterson, (Models 83, 94)
 Nov24:12
Ozarka - Another Chapter, by D. Patterson, Jun94:3
What Happened to Ozarka, by D. Patterson, Sep21:5
The Will to Win and Survive, by D. Patterson, Jan22:1

Pacific

Pacific Model 100 "Air Cruiser:" Jun15:6

Page Boy (wireless mike unit), Jul04: 10

Paillard, Claude

Tidbit, Sep18:8

Paint and Paint Removal

Removal from Bakelite cabinets, Sep88: 6
Zenith Paint (restoration tip) by Joe Koester, Feb24:10

Palmer, Chuck

AES Wireless Transmitter Kit No. K-488, Dec01:3
Obituary, Jun14:15

Palmquist, Mark

Fabricating knobs, Aug24: 13

Palomar Loop Antenna - product review, Sep91:8

PAL Radio Company, Inc.

Ad reproduction, Dec99:10

Pandora crystal set photo, Feb92: 16

Panel restoration Feb11:10

Panoramic Instruments, Inc.

Upgrading the Radio Repair Bench, by E. Lyon, May15: 1

Paragon - See Adams-Morgan Co.

Parker, C. Orval

Comments on New Tubes from Europe, Jul96:4
 Coupling Capacitors: Testing Made Easy, May89: 5
 Grid Leak Detector Discussion, Apr85: 6
 Loudspeakers for Early RCA Public Address Systems,
 Oct94:9
 More on Electrolytic Capacitors, Feb93: 13
 More on the Rolls Radio: Manufacturers vs Private Brand
 Identification, Feb90: 7
 More on the Statiktester and Still More on the Magic
 Eliminode, Apr94:8
 Radio Days Followup and a Vari-Unusual-Ometer, Oct92: 7
 VTVM History: The Rider VoltOhmyst, Feb94:8

Parks, Dick

Continuous Old Radio Auctions on the Internet, Aug98:14
 EBay Mysteries, or What is This Marvel, Sep02: 13
 How to Make Money on eBay, Apr02: 6
 A Line-Operated One-Tube Radio (Transmitter), Apr94:10
 A Modern Multi-Valve Radio, Aug97: 1
 A Multi-Valve Superheterodyne Using Just One Tube,
 Dec97:11
 A New Life for an S-38, Oct99:1; correction, Apr00:10
 Old Wine in a New Bottle: Resurrecting a Silver-Marshall
 Model J Chassis, Apr00:1
 Restoring A Philco Shadowgraph Tuning
 Indicator, Dec96:12
 Resurrecting a Sparton Model 28 Triolian, Jun00:1
 Robert J. Adams Legacy Radios, Mar03: 1
 Turn an Old FM Tuner into a Stand-Alone Receiver, Jan97:12
 The Western Electric 18-B Receiver, Aug98:4

Parry, Keith (obituary), Aug85: 1

Parsons, Herb

How it All Began, A Personal Perspective, Mar95:11

Patents

The Maze Woven by Radio Lawyers, by E. Lyon, Nov00:14
 Paying Tribute to RCA and Hazeltine, by E. Lyon, Jan05: 12
 RCA's Patent Strategy, by B. Belanger, Dec99:1
 See also Kraeuter, David

Pathe - Ad reproduction - cone speaker, Oct92: 20

Patrick, Joe

Vintage Radio Doohickies, Whatchamacallits,
 and Thingamajigs, Oct25, p8

Patterson, Don

A. H. Grebe & Company, Inc., (multi-part story)
 Apr05: 7; Jun05:6, Apr06:9, Oct06:7, Dec06:1, Apr07:9
 The End of Ozarka, May22:6
 More on Ozarka, Jul06:7
 Ozarka - Another Chapter, Jun94:3
 The Philco Predicta: A Nightmare or Pleasant Experience,
 Dec95:8
 What Happened to Ozarka, Sep21:5
 The Will to Win and Survive, Jan22:1

Patterson, George, Jr. (1910-1951): Philco Radio
 Designer, by J. Okolowicz, Aug94:1

Pavek Museum of Broadcasting (St. Louis Park, MN)
 Antique Radio and Television Museums, by B.
 Belanger, Apr04: 1
 The Pavek Museum of Broadcasting, Dec93:17

Pease, Gregory

The Great Trans-Oceanic Collection Auction, May04: 1

PELAN Detectors

Nov24:9

Penn State University

Penn State and Radio, by E. Lyon and M. Strausburger,
 Sep96:11; Follow-up, Nov96:12

Perkins, Harlev

RCA Catacomb Adventures, Dec02: 6

Permeability Tuning

Tidbit, (after WWII), May13:10

Petrillo, James

Tidbit about American Federation of Musicians, Nov04: 12

Phanstiehl

Ad reproductions

Pure-Tone Amplifier, Jul86: 7

Silencer, Feb87: 9

Universal Tuning Units, Jul86: 9

Philco

1928 - Birth of the Philco Radio, by M. Prorise,
 Monograph No. 3, mailed with Feb. 1993 issue

Ad Reproductions:

1950s ads: Dec90: 11, 20

B-Battery Eliminator, Aug91: 17

Model 15X (1932 console), May88: 14

Model 43B (Cathedral), Apr88: 10

Model 663, Jun 97: 15

Model 842T and auto radios (1941), Aug88: 20

Model 1013 (1942 console), Nov87: 10

Service tools (1936, mallet and alignment tools), Oct00:7

Alignment tool, by J. Okolowicz, Feb92: 10

Bakelite Block Capacitors, by B. Belanger, Aug93:13 (See
 also added note, Oct93:16)

A Capacitor Short Story (Philco capacitor with 3 leads, one
 of which is an intentional short), Nov96:8

Model 37-640 (1937 console), Do Not Resuscitate this
 Radio, by T. Hannah, Dec02: 1

Edgar F. Haines (1913-1964): Philco Radio Designer, by
 J. Okolowicz, Oct94:1

Emil Harman: Designer Extrordinaire (1897-1982), by
 J. Okolowicz, Dec94:1

Escutcheon repros available for 1941 sets, Feb99: 15

History - Philco Newsletter writeup, Dec96:14

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

History website, Apr16:7

Lamp radios, Jun95:1

Light beam reproducer, repairing, Apr98:8

Living with a Philco Collector, by Colleen Prorise,
 Apr92: 13, Apr12:1

Model A-801 end table radio, by J. Koester, Jun86: 8

Model A-801, more on, by F. Rice, Feb90: 13

Model A-801, more on, by T. Hannah, Aug89: 15

Model PT-89, Patterson design, by J. Okolowicz, Aug94:1

Model 7 car radio, Sep04: 10

Model 19 Restoration tip (IF transformer), by E. Lyon,
 Nov87: 4

Model 37-640 (1937 console), Do Not Resuscitate this
 Radio, by T. Hannah, Dec02: 1

Model 38-12, discussion, Apr90: 7

Model 38-89, Working for Nothing, by G. Shearer, Oct06:13

Model 38-690, repairs, May08:10

Model 39-8T, discussion, Apr90: 7

Model 39-55, May08:4

Model 39-71T, Patterson design, by J. Okolowicz, Aug94:1

Model 39-116 & remote control unit, by J. Cohen, Jul86: 17

Model 39-116, restoration, by B. Belanger, Dec97:1;

Follow-up, Feb98:14
 Model 40-120C, Patterson design, by J. Okolowicz, Aug94:1
 Model 40-155, troubleshooting, by R. Lozier, Aug92: 8
 Model 40-180, Haines design, by J. Okolowicz, Oct94:1
 Model 40-201XX, Restoring a Philco Model 40-201XX, Code 121, by B. Belanger, Dec16:1
 Model 41-300, troubleshooting by T. Hannah, Mar93: 6
 Model 41-616, repair, by A. Corbin, Part 1 - Mar14:1, Part 2 - May14:10
 Model 46-200, Reclamation of a Philco Basket Case, Sep15:10
 Model 46-200: My Second Restoration, by I. Wexler, Feb15:8
 Model 42-380, My First Radio Restoration: A Segue Into a Great Hobby, by I. Wexler, Dec14:6
 Model. 46-480, Another Tricky Repair Job, by G. Shearer, Nov06:14
 Model 50-1721, Substitutions—Some of them Work, by E. Lyon, Jul14:12
 Model 51 mantel clock radio (info. on finials), Dec87: 8
 Model 60 cathedral Restoration, Mar96:1
 Slipping dial drive hint, Jan88: 2
 Model 70, Dec17:1
 Model 80 (Philco Jr.), service hint, Nov96:9
 Model 90/90A service notes and information, Jan91: 8; Apr91: 10, 11
 Model 118, restoration, by B. Belanger, Feb11:1
 Model 144 profile, by B. Moore, Feb86: 9
 Models 511-515 and 521-525
 Mystery Control, Feb98:14
 Mr. Philco Himself: Ron Ramirez, by Domi Sanchez, Jun17:1
 A Note on Early Philco Superhets, by E. Lyon, May99:9
 The Not-So Great Knob Controversy on the Philco Model 70 Cathedral, by Eric Stenberg, Dec17:1
 George Patterson, Jr. (1910-1951): Philco Radio Designer, Aug94:1
 Philco Blue Book's Chapter Two (Interview with Michael Prosise), Jun17:10
 Philco's Company Newsletter, by J. Okolowicz, Dec96:1
 Philco's World War II Cartoons, by J. Okolowicz, Apr10:1
 The Philco Beam of Light Photoelectric Tone Arm, Dec15:13
 The Philcophone Intercom, by B. Belanger, Feb99:1
 Predicta TV
 Article on collectables, Mar87: 9
 A Predicta of My Own, by T. Houghtaling, Feb03: 12
 Predicta Redux, May02: 10
 Repairing Predictas, Dec95:8
 Recalling Philco, by S. Kalista, Jun96:5
 Repairing Philco Dial Lamp Hood Assemblies, Aug92: 6
 Restoring a Philco Shadowgraph Tuning Indicator, by D. Parks, Dec96:12
 The Shocking Mystery Control Mystery, by E. Lyon, May08:4
 Shadowgraph, Feb11:1
 Shadow Tuning, by Ted Hannah, Jul91: 3; Oct91: 6
 Those Philco Capacitors, by Ed Lyon, Nov87: 11

Philmore
 Ad reproductions:
 "Blackbird" crystal set, Jul85: 9; also, photo on back cover of Apr91

"Supertone" crystal set, Jul85:12, Jun89:20
 "American Explorer Rocket" crystal set, May87:12
 Merry Christmas 1939?, by Steve Noga, Dec17:11
 Tiny crystal radio, Apr25:5

Phippen, W. Scobell [Atwater Kent engineer] - An Interview with W. Scobell Phippen, by G. Symonds, Jun91: 1

Phono Jacks
 Adding a Phono Input and Getting Majestic Performance, by E. Lyon, Nov18:10

Phono Oscillators
 AES Wireless Transmitter Kit No. K-488, by C. Palmer, Dec01:3
 AM Transmitter for Use with Old Receivers, by C. Marshall, Mar91: 8
 AM Wireless Broadcaster Kit (SSTran), Feb06:10
 Another Wireless Broadcaster, by D. Johnston, Feb08:6
 A Low Power AM Broadcast Band Transmitter for the Old Radio Collector, by J. DeMayo, Mar15:11
 Improving the AES Wireless Oscillator, by L. Greenough, Apr01:10
 The Phono Oscillator Revisited, by N. Greenough, Jul88: 6
 Signal Generators, by B. Belanger, Oct99:6
 A Simple AM Broadcaster for the Radio Collector, Sep15:1
 A Tube-type Phono Oscillator, by R. Altig, Jun91:16

Phonographs
 Art's Record Changer Presentation, by John Reinicke, Apr18:1
 Magnetic Cartridges for Stereo, by J. Dodgson, Apr16:1
 Piezoelectricity—From Radio to Broken Legs, (phono cartridges) by E. Lyon, July23:1
 Phono drive wheel repair, Oct98:16
 The "Other Half" of the Radio, by Barry Cheslock, Sep92: 6
 AP-1 Car Record Player, by Charles Drake, Apr25:1
 Tidbit on making records, Sep23:13

Photofacts - See Sams (Howard W. Sams Co.)

Pickard, Greenleaf Whittier
 Wireless Pioneer Dr. Greenleaf Whittier Pickard, by B. Belanger, Apr09:13

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

Pierce, George Washington
 George Washington Pierce, by B. Belanger, Apr13:13

Pilot
 Ad reproductions
 "Dragon" cathedral, Aug85: 10
 Television sets (scanning disk type), Sep85: 10
 The Pilot FM Tuner: Another Look, by T. Hannah, Jan94:4
 Rescue of a Downed Pilot S-155, by S. Noga, Aug08:8
 Television (3" model) grille restoration, Feb97:15

Pilot lights
 35Z5 problem, Jan21:13
 Color code markings, Mar88: 3
 Data and specs, Apr16:11
 Extending life, by E. Lyon, Mar21:11
 Fragile type 47 bulbs, Nov98:11
 Longer life, Nov85: 5
 Notes on Dial Lamps, by L. Sibley, Jul 98:4
 Philco dial lamp hood assembly repair, Aug92: 6
 Source for LED types, Aug20:15
 Zenith Trans-Oceanic pilot lights for R-7000

Placek, Jiri

The French-Soviet Connection, by J. Koester & Jiri Placek, Oct18:6

Plaskon radios
Plaskon Classics, by Ed Lyon, Jul91: 6
More About Plaskons, by Ed Lyon, Nov91: 1

Plastic Radios & TVs - See Also "Bakelite," "Catalin," and "Plaskon" listings
Bakelite!, by L. Sibley, Jun97:1
Cleaning cabinets, Jun86:5; Aug86:5; Mar87:6; Mar89:8
Detrola's PeeWee and the Silk Industry, by E. Lyon, May08:1
Identifying vintage plastic parts, by Ed Lyon, Nov17:8
Plastics history, Jan08:11
Pioneer in Plastics in Radio, by E. Lyon, Sep05:14
Polish & scratch removal, Feb86: 4; Mar91: 9
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
Those Fabulous Bakelites, by R. Dixon, Oct85: 7

Plastic Turning Company
Early and Late Rarities in Catalin, by E. Lyon, Jul04: 8

Plerophone - See Daley, and Research Products Corp.

Plymouth Radio & Phonograph Co.
The Plymouth Radio and Phonograph Co., by G. Hunolt, Dec10:1

Poetry
"Radio Man," by David Fratus, Jan87: 15

Point of Purchase Displays, Inc.
The Coca Cola Cooler Radio: Who Made It?, by T. Hannah, Jun03: 10
Putting the Searchlight on Off-Brands, by E. Lyon, Jul03: 1

Poland [Country]
Radio Manufacturing in Poland in the 1930s, by Robert Lozier, Apr09:7

Poland, David
Grille Cloth Installation – Another Way, by D. Poland, and J. Koester, Oct19:10

Police radio
Motorola, Automobile Radios, and Police Calls, by B. Belanger, Apr93:9

Popular Culture
Riding the Wave: When Radio Was the Cutting Edge, by Ed Lyon, Nov17:1

Portable radios
The First Portable Radios – or Dial O for Operadio, by E. Lyon, Jan06:1
The Voxson "Harvey" Three-way Portable--Well, Almost, by E. Lyon, May02: 1

Postal Telegraph
Kolster Radio Corporation, (company book reprint), Apr17:1

Poster, Harry - Televisions and TV Collecting, Nov88: 12

Pot Metal -See Metal Parts

Potentiometers
Cleaning and repairing, Dec85: 7
Noisy volume controls, Apr19:14

Poush, Kathy, RadioActivity: It Keeps Getting Better, Jul02: 5

Power Supplies - battery eliminators for old radios - See Battery Eliminators

Precision Equipment Co.
Thomas E. New, Ace Radios, and the Crosley Corp.,

by B. Belanger, Jun10:6, Follow-up, Aug10:8

Premiums, Radio – See Radio Premiums

Press Wireless
Press Wireless in WW II, by D. Kimberlin, Dec97:7

Prices, Radio & TV, Tubes
(See also "Auction Prices" for auction listings)
Art Deco Radios on Display, by Ira Raskin, Nov87: 3
The Collector's Lament, by Joe Koester (bargains), Feb86: 8
How Much Did You Say?, by J. Cohen (original prices vs cost of living and value of dollar in those days), Jun86: 6
Recent Radio Prices, Feb07:14
MAARC Collector Sets New Purchase Record, by J. Koester, Aug90: 12
Tidbit, 1920s dumping, Nov07:11
Today's Cost of Yesterday's Radios, by C. Kelley (converting original cost to today's dollars), Mar95:7
What Price Art Deco, by T. Hannah, Jan86: 7
What Price Radio Tubes?, by T. Hannah, May 97: 9
Wholesale radio prices, Aug12:14

Private label sets - manufacturers' codes for Sears & Wards, Sep86:14

Projection TV
RCA Model 8PCS41 review, by C. Roberts Mar87: 10

Prosize, Colleen
Living with a Philco Collector, Apr92: 13; Apr12:1

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
The Proximity Fuse Program, by E. Lyon, Mar01:1
The Proximity Fused--The Other Side, by E. Lyon, Jan02: 6
Radio Age Solves an Old Mystery, by E. Lyon, Mar02: 10
When Section T Became APL, by Domi Sanchez, Feb19:8

Puett, J. W. F. - Reprint from "Silver Ghosts" (biographical material on E. H. Scott), Dec85: 2; Jan86: 4; Feb86: 6

Public Address (PA) Systems
Association of Public Address Engineers website, Jun0:13

Pushbuttons
Spring replacement, Aug91: 17
Station labels, Aug91: 9

PZT (Polish radio mfr.)
Radio Manufacturing in Poland in the 1930s, Apr09:7

QSL cards
Collecting (save them), Sep87: 1
QSLs of the Rich and Famous, by E. Lyon, Jan01:8
Save Those QSL Cards!, by B. Belanger, Aug99:1

Quinby, Edwin Jenvss
Radio Operator, Patriot, Calliope-Player, and Racket-Buster—the Story of Edwin Jenyss Quinby, by E. Lyon, Mar06:1

Quiz - See "Radio Quiz"

Racal
Tidbit about Racal and Collins, Mar04: 10
A Wadley Loop Receiver - The Racal RA-17, by E. Lyon, Jan99:1

Radar
Adventures of a Crystal Detector, by E. Lyon, Jan03: 1
Air to Surface Radar in World War II, by A. Roycroft, Jul96:1
American Airborne Radar in World War II, by E. Lyon,

Sep95:6
 Anti-Radar - A Golden Anniversary, by H. Olson & E. Lyon, Nov95:10; Part 2, Jan96:6; Part 3, Mar96:10; Part 4, May96:
 Automobile back-up radar, Nov21:13
 Beams, Enigma, and the Coventry Myth, by R. Thomas, Jan01:9
 Book review by E. Lyon, *The CIA and the U-2 Program*, (discussion of radar in the Soviet Union), Jan99: 11
 Building a Shortwave Station Under Trying Conditions, by E. Lyon, Jul98:10
 HRO versus HRO, by Ed Lyon, Sep13:1
 The International Race for Radar (Series), by Ed Lyon, Dec92: 1, Feb93: 1, Apr93:1, Jun93:1, Aug93:1, Oct93:1, Dec93:1, Feb94:1, Apr94:1
 Lindemann and Watson-Watt—Almost Missing the Tram, Mar25:1
 Low Probability of Intercept Signaling, by E. Lyon, July23:8
 A Midlife Crisis in Spark Transmitters, by E. Lyon, Jul09:1
 The Most Powerful and Sophisticated Over-The-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...Echoes, Part 1, by E. Lyon, Sep11:1
 Part 2, Nov11:1; Part 3, Jan12:1
 Solving Technology Shortfalls, by E. Lyon, Jan25, p1
 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
 Downsizing Your Radio Collection, by D. Sanchez, Feb25:3
Radio Control
 Radio-Controlled Drones--a Modern Surveillance Tool, by E. Lyon, Jan02: 12
Radio Corp. of America - See "RCA"
Radio Development and Research Corp.
 RDR and the Magic-Tone Bottle Radio, by J. Okolowicz, Aug19:1
 Tidbit, Nov13:9
Radio-Electronics-Television Manufacturer's Association (RETMA) (See also Radio Manufacturers Association)
 Tidbit, May06:10
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
 Radio-Television Museum News, Dec00:11
 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 B. Belanger, Feb99:7
 Voice of America exhibit at GWU, Oct03: 14
Radio Instrument Co. (RICO)
 When Socket Power Came to Raio, by E. Lyon, Sept22:1
Radio Lamp Corp. of America
 Another Cool Radio Lamp, by T. Hannah, Dec06:7
 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. Belanger, Apr15:10; Part 2, Aug15:9

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

Radio Manufacturer's Association (RMA)

(See also Radio Manufacturers Association)

Tidbit, May06:10

Radio Music Corp.

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

Radio Navigation - See Navigation

Radione

Nicholas Eltz and His Radione Receivers, by E. Lyon, Nov04: 13

Radio News

Amateur's Handbook, 1930 Ed. - Ad Reproduction, Sep89: 12

Radio Design Contest of 1926, Sep00:14

Radio Premiums

Radio Premiums, by Steve Noga, Feb16:1

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

Radio Products Corp. of Birmingham, AL

Radio Products Corp., by B. Belanger, Nov90: 9

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; Oct84: 4; Nov84: 5; Dec84: 8; Jan85: 4; Feb85: 6; Mar85: 5; Apr85: 7; May85: 5; Jun85: 3; Jul85: 7; Aug85: 3; Sep85: 2; Jul86: 8; Aug86: 5; Sep86: 6; Oct86: 3; Nov86: 4; Jan87: 7; Feb87: 3; Mar87: 3; Apr87: 8; May87: 6; Jun87: 5; Apr89: 3; Nov95:9 Jan96:9; Mar96:6; May96:13; Jul96:10, 11; Sep96:6 Nov96:11; Jan97: 9; Mar97:13; Mar98:10; May98:10; Sep99:13

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

Tidbits, May19:8

Radio Trading Co., New York - Ad repro. - "Twinplex" SW set, Dec85: 14

Radio Trivia Quiz - See "Radio Quiz"

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

Radiobar Co.

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

The History of the Radiobar Company, Part 1 by S. Hansman, Feb22:1

Radiogem - Ad Reproduction - crystal set, Jun88:10

Radiola - See "RCA"

Radios as "Objets d'art," Apr86: 9

Radiodyne (This brand name was used by Western Coil and Electrical Co. and by Atwater Kent - see both)

Rogers

Model 10-10: Canadian Stratosphere? by

J. Koester, Jun25:10

Rahm Corp.

Ad reproduction (the Policar), Dec20:15

Railroads and radio

Broadcast Radio Rides the Rails, by D. Sohn, Aug08:11

Railway Communications by E. Lyon, Mar21:1

Ramirez, Ron

Mr. Philco Himself: Ron Ramirez,

by Domi Sanchez, Jun17:1

Rasco - Ad Reproductions - Baby Detector, Filter Block, Horn Speaker, May89: 6

Raskin, Ira - Art Deco Radios on Display, Nov87: 3

Rauland

Rauland, Zenith, and Tubes, by L. Sibley, Oct04: 1

Ravenswood Radio

Ravenswood Radio - A Latter-Day Scott, by E. Lyon, Sep97: 3; Follow-up, Sep97: 12

Rawlings, Bryan

Who Invented Television?, Oct22:1

RAX military radios

Command Radio Sidebar by E. Lyon, Nov05:13

Raymer, Steve

The E. F. Johnson Company, Aug15:1

Raysistors

Things that Rhyme With Resistors, by Ed Lyon, May16:12, follow-up: Aug16:10

Raytheon

Ad reproduction

Tubes, Dec92: 12

Type R voltage regulator

Another Look at Raytheon, by L. Sibley, Dec21:5

CK Series, Tube Lore Supplemental Data, May01:11

CK723 tube, Tidbits, Jul01:13

Things that Rhyme With Resistors, by Ed Lyon, May16:12

Raytheon's Contributions to Radio and TV,

by B. Belanger, Jun02: 1

Tidbit - Mar03: 10

RCA (Radio Corporation of America) and RCA Victor

(The Radio Club of America is listed under its full name.)

The 1932 RCA Field Test TV Receiver, by J. Lendaro,

Apr95:1

Ad Reproductions:

ACR-155 communications receiver, Jun94:24

ACR-175 communications receiver, Sep92: 12

AR-77 communications receiver, Feb07:13

Radiola 1 (ER-753-A), Feb90: 9

Radiola 28, Jul87: 6

Radiola RC, Jan89: 16

Radiola Super VIII, Nov84: 8

Tube Division (1949), Oct07:14

UX-199 and UV-199, Oct03: 15

UZ-1325 horn speaker, Oct91: 19

AP-1 Car Record Player, by Charles Drake, Apr25:1

Atwater Kent and RCA Cabinets: The Hanover Connection, by C. Mooney, Oct93:9, Dec93:6

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

Birth of The Radio Group, superhets, licensing, etc.

(Historical Note Series, by E. Lyon), Mar85: 3; Apr85: 3; May85: 4; Jun85: 4; Jul85: 8; Aug85: 5; Mar86: 4; Feb87: 4; Apr87: 3
 Catalin Radios, Jan91: 3
 Color TV Receiver Development at RCA, by B. Belanger, Dec04: 13
 David Sarnoff and Television, by B. Belanger, Feb01:8; Follow-up, Apr01:14; May01:13
 Destruction of the US Consumer Electronics Industry, by P. Hart, Apr23:1
 Home recording systems: Programs of Record, by E. Lyon, Jul09:7
 How RCA and Farnsworth Camera Tubes Were Different By L. Greenough, Dec02: 1
 A Link Between Articles by Two of our Authors, by L. Greenough, Feb02: 12
 Loudspeakers for Early RCA Public Address Systems, by O. Parker, Oct94:9
 Simplification and Innovation: Making FM Radios Affordable, by E. Lyon, May05: 6
 The "Missing" Little Nippers, by E. Lyon, Nov98:1; Follow-up by Lyon and A. Douglas, Jan99: 12
 Model ARC-111, Apr02: 7
 Model AR-88, Jul13:18
 Model AR 812 Superhet, Sep96:8
 Model RAE-79, Dec04: 1
 Model 5X5, Nov12:10
 Model 65BR9, by E. Lyon, May22:12
 Model 8PCS41 Projection TV, Mar87: 10
 Model 10K - facts (see also Model 10T), Aug85: 4
 Model 10T mini-profile (also info. on Model 10K), Jan88: 8
 Model 75-X-15: Plain 'N Fancy, by Bob Schmitz, Aug25, p1
 Model 46X3, restoration tip, Oct91: 10
 Model 100A speaker, Nov92: 5; Nov92: 12
 Model 140 profile, Apr86: 6
 Model 811K mini-profile, Nov87: 17
 Model 6165A wall-mount speaker, Nov92: 5
 Model K60 dial drive restoration tip, Jan92: 8
 Model R28-BW "Wings" cigarette pack radio, May91: 1
 Model R-32 service hints, Nov96:9, Sep04: 10
 Model TT-5 Television attachment, Oct96:1
 Paying Tribute to RCA and Hazeltine, by E. Lyon, Jan05: 12
 Phonograph units, noise in early radio/phono sets such as the RE-45, Nov98:16
 Plant Identification Codes - RCA Tubes of the '20s, by L. Sibley, Nov96:10
 Radio Evesdropping in the 1940s, by E. Lyon, Nov97: 5
 Radio Facsimile, by B. Belanger, Feb05: 1
 Radiola dial light hood hold-down hint, Aug88: 13
 Radiola III and IIIA capacitor replacement, Jul94:15
 Radiolas 17, 18, and 20 with Victor phonographs and/or Victor labels, Aug88: 11
 Radiolas 17 & 18 service tips, Oct86: 7
 Radiolas 17 and 18 compared, Nov05:11, Jan06:10
 Radiola 18 mini-profile, Feb88: 8
 Radiola 21/22, Jan06:11
 Radiola 28A, Jul95:11
 Radiola 60: Adding a Phono Input and Getting Majestic Performance, Nov18:10
 Radiola 80 - mini-profile, by T. Hannah, Apr89: 3
 Radiobar with RCA chassis

Ernest J. Krause and the Radiobar Co., by J. Okolowicz, Feb96:1
 Radiotron doll, Oct05:10
 RCA and My Family, by L. Greenough, Aug01:11
 The RCA ACR-111, by B. Belanger, Apr02: 7
 RCA Catacomb Adventures, by H. Perkins, Dec02: 6
 The RCA Dynamic Demonstrators—Part 1, Dec15:1
 RCA Goes to China, Oct05:10
 RCA's Little Nipper Division, by E. Lyon, Nov02: 13
 RCA's Patent Strategy, by B. Belanger, Dec99:1
 RCA Radiogram call button, Apr25:5
 RCA's Special Red Tubes, by B. Belanger, Aug12:9
 RCA's TV Glow Tube, by L. Sibley, Apr03: 14
 An RCA Victor Prototype, by L. Sibley, Feb95:12
 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
 Service tips available from RCA in 30s, Sep86: 13
 The Should-Have-Been RCA Model 23K: Analysis of a 23-tube Prototype Receiver, by L. Bassett, Jun06:1
 The Should-Have-Been RCA Model 23K: Analysis of a 23-tube Prototype Receiver, by L. Bassett, Chapter 2 – The Main Chassis, Dec11:1
 Strato-World, by T. Hannah, Aug90: 14
 Substandard tubes during WWII, Oct84: 3
 Supreme Court breakup of radio trust, Jul08:10
 To Tell the Truth, or Will the Real History of Radio Please Stand Up, by E. Lyon, Jan01:1; Follow-up, Mar01:10
 Victor Name in "RCA Victor" - Hist. note, by E. Lyon, Mar85: 3
 Victor's use of RCA Radiolas in Victrola cabinets, May86: 4
 Victor Co. acquisition, by RCA, Jun86: 5
 VoltOhmyst - VTVM History: The Rider VoltOhmyst, by O. Parker, Feb94:8
 Wartime Television, by E. Lyon, Nov01:1
RDR – See Radio Development and Research Co. Readrite
 Model 432A: Acquiring a Tester for Early Broadcast Tubes, by D. Sohn, Oct21:12
RECO – See Radio Engineering Co. Record Changers – See Phonographs
Red Lion Cabinet Co.
 Hist. note, Mar85: 3
 The Red Lion Cabinet Co., by B. Belanger, Jul93:1
Redmanol (predecessor of Catalin), Tidbit, Nov06:10
Refinishing and Cabinet Restoration (See also "Cabinet Cleaning" and "Veneer")
 The Bane of the Finicky Refinisher, by E. Stenberg, May06:1
 Basic Wood Radio Cabinet Refinishing--Part 1, by E. Stenberg, Aug02: 5; Part 2, Sep02: 7
 Cabinet Refinishing - Another View, by D. Houston, Dec94:7
 Cabinet Refinishing, The Old Fashioned Way, by G. Symonds, Jan90: 4
 Cabinet Refinishing companies in DC area, Feb06:10
 Cabinet Refinishing Tips, by B. Belanger, Jun92: 7
 Credit Cards and Old Radios, by J. Koester, Feb06:14
 Custom-mixed stains/paints available, Dec89: 18
 Easy Method Cabinet Refinishing, by B. Belanger, Nov84: 3
 Fine Abrasive Restoration Technique, by J. Koester and Rollin Ball, Oct96:10
 Is it Shellac or Lacquer?, by Domi Sanchez, Jun18:11

Lacquer Finishes on Radios, Jul97: 13
 MAARC Cabinet Refinishing Panel, Jun15:12
 Notes from the Workshop, by R. Warren, May94:5, Jul94:5,
 Nov94:6
 Radio Cabinet Restoration, by J. Koester, Jun09:1; Aug09:5
 Refinishing Method Described, Aug93:15
 Restoration tip by J. Koester, Aug24: 12
 Sawdust and Old Radios, by J. Koester, Jun01:6
 Where Does Wood Veneer Come From?, by D.
 Sanchez, Oct18:10

Reflex Circuits

...Check Those Reflexes, by E. Lyon, Nov21:1
 David Grimes and His Inverse Duplex, by B. Belanger,
 Dec09:5
 Tidbit (one-tube reflex), Sep08, p. 10

Regenatone - Model DW1 (schematic and descrip.), Jan87: 4

Regency

Texas Instruments and the Regency TR-1, by C. Cook,
 Aug02: 11

Reid, John

Tube Amplifier Distortion, Sep94:1

Reinicke, John

Art's Record Changer Presentation, Apr18:1

REL – See Radio Engineering Laboratories

Remler

Taking the High Road: Upconverting in Superheterodynes,
 by Ed Lyon and Richard Altig, Mar18:11
 Tidbit, Nov11:10

Remote Controls

Restoring a Philco 39-116 (with "Mystery Control"), by B.
 Belanger, Dec97:1

The Shocking Mystery Control Mystery, by E. Lyon,
 May08:4

The Silvertone Model 112, by D. Gonshor, Mar11:1

Resas, Inc. - Ad Reproduction - superhet kits, Apr87: 8

Research Products Corp.

The Daley Plerophone and the Research Products
 Corporation, Jul91: 6

The Miraculous Plerophone, Nov97: 1

Resistance Line Cords - see restoration tips, line cord resistors

Resistors

Bill and Joe: Resisting Part 4, by W. Lindenbach, Mar07:6
 Bill and Joe: Resisting Part 5, by W. Lindenbach, Jul07:12
 Bill and Joe, Part 6, by W. Lindenbach, May08:9
 Bill and Joe, Part 7, by W. Lindenbach, Jul08:8
 Color Code Confusion, Dec19:9
 The Radio World of Bill and Joe – 1, by W.
 Lindenbach, Sep06:8
 The Radio World of Bill and Joe – 2, by W.
 Lindenbach, Nov06:8
 The Radio World of Bill and Joe – 3, by W.
 Lindenbach, Jan07:6
 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.)
 ac/dc radio power supply safety - adding resistor "fuse,"
 Aug87:6
 Audio transformer substitution, Nov85: 7
 Audio transformers - removing windings, Dec86: 6
 B+ voltage too high due to higher line voltages
 today, Jan86: 8
 Back cover replacement--source of fiberboard material,
 Jan92: 5
 Bakelite and Catalin repair/refinish, Oct85: 7; Nov85: 4
 Bakelite knobs - cleaning, Dec85: 7, Apr03: 1
 Battery cable color code, Mar87: 13
 Battery cable replacement, Mar97:8
 Brass cleaning, Apr03: 1
 C-shaped washers to hold knob shafts, Apr93:9
 Catalin Radio Parts Available Again, May88: 18
 Chassis cleaning (under "C" listing)
 Chassis [electrical] leakage, Jul96:13
 Chassis Screws (Losing Your Screws), by J.
 Koester, Oct22:12
 Cleaning component leads, Dec86: 6
 Cleaning leatherette cabinets, Sep88: 7
 Cleaning plastic cabinets, Jun86: 5; Aug86: 5; Mar87: 6
 Cleaning metal crackle finish communications receiver
 cabinets, Oct00:12
 Cleaning wood cabinets, Jul86: 10
 Coil rewinding, May90: 6
 Color codes for wires, Jul92: 3
 Coupling capacitors - leakage check, Aug87: 6; Sep87: 5;
 Jan89: 3; Apr89: 4; May89: 5; Jun89: 13
 Crackle finish restoration, Feb85: 5
 Decal repair, Dec88: 8
 Desoldering tool, Dec86: 6
 Dial cord slippage, Aug08:10
 Dial belts, Nov99:1
 Dial lamp/rectifier modification for ac/dc radios, Aug87: 6
 Dial & meter glass replacement, Feb85: 5; Mar96:3
 Dial pointer replacements, Feb86: 4
 Distortion in a Knight Console, Apr17:13
 Drive belt replacement, Apr93:9; Jul96:12; Nov96:8,
 Jun13:9, Aug20:13
 Ed Lyon's Radio Repair Seminar at RadioActivity 2007
 by B. Belanger, Oct07:11
 Electrolytic capacitors - re-forming, & testing,
 Nov88: 9; Apr92: 14
 Felt head tacks, Feb12:7, Follow-up, Jun13:8
 Fiberboard backs for radios, May12:10
 Filament dropping resistors - See line cord resistors
 Frequency drift - curing, Oct91: 10
 Fungus on wires, Feb85: 5
 Fuses - installing in radios for safety, Feb85: 4;
 Dec90: 10; Jan90: 8
 Gassy tubes - checking for, Sep87: 5
 Grille Cloth - Cementing grille cloth, Jun90: 8
 Hints – Oct10:13
 Hybrid Radios – How They Happen, (Mods) Nov19:12
 IF transformers - determining peaks, Oct91: 11
 Inlay strips on cabinets, Mar12:1; May12:10
 Isolation transformers for ac/dc sets, May88: 26
 Knobs
 Plastic repro. knobs available from L. Bordonaro,
 Sep87: 3; Feb89: 3

Wood reproduction knobs available from Ed Delano, Jan87: 9

A Lesson in Radio: Repair vs. Restoration, by F. Lipieko, Jun95:7

Line Cord Resistors

Capacitors replacing line cord resistors, Sep17:12

Filament Dropping Resistors, by W. Curry, Jun90: 10

A Replacement for Ballasts and Resistance Line Cords, by C. Rhodes, May00:1

Resistance Line Cord Replacement, by J. Forbes, Feb90: 12

Resistance Line Cord Replacement, by H. Granoff, Aug90: 8

Resistance-Type Line Power Line Cords - What to do About Them, by E. Lyon, Jul96:8, Follow - up, Nov96:7, See also Sep03: 10, Nov10:10, and Mar21:11

Restoring rubber insulation on old resistance line cords, Oct90: 6

Tips, by L. Jones, Jul A Tough AK Radio Restoration, by D. Koczur and E. Lyon, Jul11:1

Watch out for the Big Easy Diode Fix, by E. Lyon, Sep07:12

Mildew removal - Jun95:15

Mirror radio restoration

Restoring a Sparton Nocturne, by B. Engstrom, May93:1

Minerva Table Radio Model W-728 Resurrection, by Bill Goodwin, Jun13, p. 8

Nickel Plating - Dec04: 10

Noise - Tracking Down Mysterious Noises, by T. Hannah, Jan89: 3

Oscillation - Tracking the Untrackable and Taming the Untamable, by T. Hannah, May96:5

Oscillation – grid resistors, May08:10

Paint fleck removal from wood cabinets, Apr93:9

Paint removal from Bakelite cabinets, Sep88: 6

Panel restoration – Feb11:10

Pilot lights

Color code markings, Mar88: 3

Longer life, Nov85: 5

Polish for metal and plastic cabinets, Mar85: 5

Polish for plastic cabinets, Feb86: 4; May87: 17

Polish - Turtle Wax for cabinets, Oct85: 3

Portable Radios, inoperative, May89: 4

Potentiometers

Cleaning and repairing, Dec85: 7; May87: 17

Fixed bias resistor in volume control, May92: 7

Volume control replacement tips, Sep95:10

Radio Repairs During the Pandemic, Apr21:11

Repairing Radio Repairs, by Ed Lyon, Jul16:1

Replicating Small Parts, by D. Sanchez, Jun14:8

Resistors

Repairing Nichrome resistors, Dec88: 7

Rewinding wirewound resistors, Mar86: 6

Measuring Old Grid Leak Resistors, Jul97: 7

Voltage divider data, Jun89: 15

Rubber drive wheel restoration, Feb97:15

Rubber gaskets and feet replacement, Jun06:13

Safe operation--lowering line voltage, Feb91: 6

Scratch removal from plastic cabinets, Feb86: 4; Mar91: 9

Shielding metal tubes in Philco & Zenith sets, May87: 17

Sources of Antique Radio Items, Mar90: 5

Speaker frame grounding for safety, Jan88: 2

Speaker mounting board replacement, Jan96:3

Speaker reconing tips, May88: 22

Speaker repair, cement, etc., Jul97: 13

Station labels for pushbuttons, Aug91: 9

Studs holding cabinet backs, removing, Oct98:16

Switches--spurious voltages in, Sep95:9

Test leads, Apr87: 9

Toggle switch repair, Aug88: 13

Tracking problems, May96:5

Transformers (See also "Transformer" listing)

Audio interstage replacement, Sep90: 3

Audio transformer repair, Nov92: 12

Buzzing noise - repair, May88: 26

Grounding, Jul16:1

Power & IF lead color codes, Jan87: 14

Rewinding, Feb99: 13

RF - repair of open windings, Nov87: 4

Troubleshooting Intermittents, Dec14:13

Tubes - See Tube section under T for more information

Tubes, cleaning, Feb85: 5

Tube rejuvenation, Jul85: 13

Tuning capacitors, cleaning, Jun85: 5; Nov85: 5

Veneer regluing, Nov87: 6

Vintage Radio Doohickies, Whatchamacallits, and Thingamajigs, by J. Patrick, Oct11:7

Volume controls - see potentiometers and special heading under volume control

Volume increase - replace 35Z5 with 70L7 in 2-3 tube sets, Oct87: 3

A Way to Help Yourself (And Your Repairman), Aug99:5

Whine in AM radios caused by digital multimeter, Aug88: 13

RETMA – See Radio-Electronics-Television Manufacturers Association

RFIDs

Tidbit, July 21:14

RFL – See Radio Frequency Labs

Rhode & Schwarz

Making a Perfect Receiver Pludefect, by E. Lyon, May13:11

Rhodes, Charles

GE's Wet Cell Portables, Jun 97: 11

Highly Collectable World War II Radio Receivers, Nov92: 1

Hints: Wunderlich Tube Replacement & Fusing, Dec90: 9

Hot Chassis Refresher Course, Oct97: 1

Hum in Wideband Audio Amplifiers, Aug98:9

A Power Control and Monitor for Your Electronic Bench, Mar99:11

Regulated Power Supplies for Old Battery Radios, May99:1

Re-forming Filter Capacitors, Apr92: 14, see also suggested modification, Feb93: 13

A Replacement for Ballasts and Resistance Line Cords, May00:1

Re-Polarizing Electrolytic Condensers - Part 1, Mar98:11; Part 2, May98:5

Still More on Coupling Capacitors, Jun89: 13

Tube Substitution Hints, May92: 5

Type 48 Tube Replacement, Jun 97: 14

Rice, Fred

Still More on the Philco Model A-801 Home/Car Radio, Feb90: 13

Rico – See Radio Instrument Company

Rider, John F. and Rider Manuals

- John F. Rider and His Manuals, by L. Sibley, Jan95:1
 More on Rider's Volume "Zero," by C. Kirsten, Sep98:1
 National Union Rider Manuals--differences, Nov01:11
 Obituary, Jul85: 16
 Product Review, Radio Era Archives CD-ROM, Feb99: 14
 Rider Manuals on Line, Jun08:14
 Rider's Forgotten Manual, by L. Sibley, Apr01:1
 Rider Volume Zero?, by E. Lyon, Jul98:1
 VTVM History, The Rider VoltOhmyst, by O. Parker, Feb94:8
- Riechmann, Deb**
 Myersville Couple Loves Radios - Inside and Out (article on Ed and Millie Lyon), Nov91: 8
- Ritter Radio Corp.**
 Ad reproduction - Ritter Grand Crystal Set, Jan93: 12
- RKD (Speakers)**
 Tidbits, Jul22:9
- RMA – See Radio Manufacturers Association**
- RMC**
 TP-16C transcription turntable, by Bob Schmitz, Dec23:12
- Roamer** - Ad Reproduction - Portable Six, Feb85: 8
- Roberts, Craig**
 RCA Model 8PCS41 Projection TV, Mar87: 10
 Transformer Repair - A Personal Experience, Feb99: 13
- Robinson, John** Obituary – May12:14
- Rogers, James H.**
 Underground antennas, Oct92: 1
 The Well-Grounded Radio Conspiracy, by Ed Lyon, May17:9
- Rolls Radio**
 More on the Rolls Radio, by O. Parker, Feb90: 7
 Unusual Plastic Radios of the Mid-1930s, by T. Babcock, Oct89: 8
- Romnev, Ed**
 Using the Palomar Loop Antenna with Old Radios, Sep91: 8
- Roscoe, Ron**
 Learning about Antique Radios at MIT, Jun05:13
 Restoring a GE Colorama Radio, Aug04: 1
- Rosenstein, Stan**
 Diagnosis For AC/DC Receivers, Aug92: 13; See correction note, Sep92: 5
- Rossetti, David**
 The Enduring Fascination of Magic Eye Tubes, Aug25, p13
 Member Spotlight, Oct25, p1
 Meter Replacement, Feb20:10
- Round, Henry & Round Valves**
 Tidbit, Sep07:10
- Roycroft, Alan**
 Adventures in Stereo Down Under, May97: 4
 Air to Surface Radar in World War II, Jul96:1
 Real Life Drama in the Radio Service Shop in the Thirties, (multipart series), Part XXIX, Jun94:9; Part XXX, Aug 94:5; Part XXXI, Dec94:9; Part XXII, Jan95:7; Part XXXIII, Apr95:10; Part XXXIV, Jun95:12; Part XXXV, Aug95:6; Part XXXVI, Oct95:9; Part XXXVII, Dec95:15; Part XXXVIII, Feb96:7
 New book published by MAARC, Jan20:13
- Rubber drive wheel** parts restoration, Feb97:15
- Rudie, Ted**
 Printing Large Format Schematics, Jun19:13
- Russia and Russian Radios**
 The French-Soviet Connection, by J. Koester & Jiri Placek, Oct18:6
- My RF8 Miniature Home-Bew Radio, by D. Faguet, Mar23:1
 Tidbit, Dec03: 11
 Zvezda-54, by Rod Matzko, Oct18:1
- Rutherford, Ernest**
 Marconi, Tesla, Rutherford, and Wireless, by E. Lyon, Sep09:1
- Ryan, Jim**
 Jackson-Bell – Not a “Me Too” Company Part 1, by R. Gray and J. Ryan, Aug22:9; Part 2, Dec22:1
 Jackson-Bell Goes Small in a Big Way, Part1, by R. Gray and J. Ryan, June23:1
- Saal** - Ad Reproduction - Pedestal speaker, Jan89: 20
- Safety**
 And, Speaking of Hot Radios, May05:14
 Chassis leakage, Jul96:13
 Fuses and Fusing
 Don't Forget to Fuse, by T. Hannah, Jan90: 8
 Hints: . . . Fusing, by C. Rhodes, Dec90: 10
 A Hot-Chassis Radio Deja Vu All Over Again, by E. Lyon, Sep14:1
 Hot Chassis Refresher Course by C. Rhodes, Oct97: 1
 Isolation transformers for ac/dc sets, Mar85: 5; Jul96:13
 Sep96:16
 Making AC-DC Radios Safe, Mar98:1
 More on Safety in AC-DC Radios, by E. Lyon, May98:13
 A Nasty Turn of Events--or--"Wow, That's Some Hot Radio!", May01:10
 The Odd Couple—Hot Chassis Radios and GFCI, Jan16:7
 PCBs in Components--A Safety Hazard?, Jan90: 9
 Safe Operation of Old Radios (line voltage), Feb91: 6
 Tidbits, Dec18:10
 Use of Radioactive Isotopes in Electron Tubes, Nov89:3
 Using An Isolation Transformer, Variac, and Current Limiter, by D. Sanchez, Feb21:12
 When One Tube is Not Enough, (safety problem in Model 121 record player), by E. Lyon, Sep10:13
- Sakhnoffsky, Alexis**
 Alexis de Sakhnoffsky: Designer, Artist, Promoter, by John Okolowicz, Apr19:1
- Sams (Howard W. Sams Company)**
 A Half-Century of Sams' Photofacts!, by L. Sibley, Apr96:1
- Samsung**
 Vacuum tube equipment, Aug12:11
- Samuel, Arthur**
 The Magnetron Controversy – Updated, by E. Lyon, May19:6
- Sanabria, Ullis**
 Company Ad, Jun25, p9
- Sanchez, Domi**
 A Brief Introduction to Novelty Radios, Feb24:1
 AM Alignment for Radio Receivers, Jun19:8
 Buying and Selling on eBay, Feb16:12
 Cab Calloway, Feb18:8
 Cabinet Repair Panel, Oct14:8
 Collect Responsibly!, Oct17:1
 Downsizing Your Radio Collection, Feb25:3
 Facebook Affinity Groups, Jun20:7
 The First Wireless Telephone, Oct16:9
 Glue for a tight bind, by Jun16:12

The Influence of Women in Radio & TV, Feb23:1
 Is it Shellac or Lacquer?, Jun18:11
 Kutztown Highlights, Oct15:8
 MAARC's First Virtual Meeting, Oct20:8
 Make that Chrome Shine by Domi Sanchez, Feb19:10
 Member Spotlight: Brian Belanger, Oct15:1
 Member Spotlight: Buford Chidester, Oct19:1
 Member Spotlight: Paul Hart, Feb20:12
 Member Spotlight: Joe Koester, Oct16:1
 Member spotlight, David Rosetti, Oct25, p1
 Member Spotlight: Geoff Shearer, Jun14:1
 Microphone Fundamentals, Feb18:12
 The Miniature World of Walter Buffinton, Jun16:1
 Mr. Philco Himself: Ron Ramirez, Jun17:1
 The National Electronics Museum, Jan17:1
 Philco Blue Book's Chapter Two (Interview with Michael Proise), Jun17:10
 Replicating Small Parts, Jun14:8
 Shure Microphone Designer Ben Bauer, Oct18:8
 Using An Isolation Transformer, Variac, and Current Limiter, Feb21:12
 Vintage Amplifiers Made Daily, Jan17:2
 When Section T Became APL, Feb19:8
 Where Does Wood Veneer Come From?, Oct18:10

Sanders, Eric
 The Voice of the Nation - Part 19 (Western Coil & Electrical), Aug94:16; Part 20, Jan95:14; Part 21, Mar95:8

Sangamo Electric Co.
 Tidbit, Sep05:11

Sargent, E. M
 Tidbit about Infradyne receiver, May03: 10

Sarkes Tarzian
 Sarkes Tarzian and His HiFAM Experiment, by A. Mitz, Jul04: 1

Sarnoff, David
 David Sarnoff and Television, by B. Belanger, Feb01:8, Follow-up, Apr01:14; May01:13
 Radio in the Great Depression, by E. Lyon, Nov24:1

Satellite Communications
 There's Always Space for Radio, by Ed Lyon, July24:1

Satorius, Duane
 A Resonant Open-Loop Antenna, Dec19:10

Scanning Disc Television
 Who Invented Television?, by B. Rawlings, Oct22:1

Scarborough, Charles
 Book Reviews
Antique Radio Restoration, Vols. 1 & 2, Aug04: 8
 Look at All Those Tubes, Oct00:9
 MAARC's Tube Sales, Apr01:8
 Rescuing a Silver-Marshall 724, Dec00:10
 True Green Light for the 1629 Eye Tube, Dec01:11

Schaeffer, Carl
 Carl Schaeffer's Biomorphic Radios, by J. Okolowicz, June21:1

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

Schematics
 for German radios, Jun01:11
 Printing Large Format Schematics, by T. Rudie

Schmitz, Bob
 AD-36: Rounding Out My Collection, Dec24:1
 Appearances Can Be Deceiving (EMUD Super 561 W), Dec24:6
 The Atwater Kent Model 9: A Restoration Story, Apr03: 1
 A Cooler Radio Cooler, Feb24:6
 David and Goliath: The Military TV-4(*)/U and TV-7(*)/U Tube Testers, Nov23:1
 Detrola Radios, Oct24, p.9
 To Everything, Turn, Turn, Turn, Part 1, Dec23:12; Part 2, April 24, 1
 Member Spotlight, April24, 12
 One Good Turn Deserves Another, (turntable arm) April24, 8
 Out of the Darkness and Into the Light (Aeriola Sr. restoration), Dec15:7
 Plain 'N Fancy (Detrola, Emerson, Federal radios), Aug25, p1

Schneider, Gerald
 Art Deco and Radios, Aug91: 14; Feb92: 12
 AWA - 1989 Harrisburg, PA, Meet Report, May89: 4
 Book Review - *Evolution of the Radio, Vol. 2*, by S. Wood Oct93:16
 Book Review - *Historic Televisions and Video Recorders*, by M. Bennett-Levy, Aug93:13
 Buying a Radio That "Needs Some Attention," Jan89: 8
 Emergency: Help Save a Museum, Mar90: 1
 FYI (Item on Bob Chandler), Jan94:3
 Irony in Collecting, Jan93: 9
 MAARC--The Beginning, Oct01:12
 Radio and Television Museum Wanted, Sep86: 15
 The Torch Passes, Dec94:15 (about his service as MAARC Treasurer)
 Videotape Review, *Collecting Early Transistor Radios* by B. Burkett, and, *Transistoradio* by N. Smith, Dec93:16

Schoo, Daniel
 Testing WD-11 Tubes, Internet posting, Apr97:16

Scott, E. H. and Scott Radio Laboratories
 Ad Reproductions:
 Ads for misc. Scott radios, Jul86: 15, 25
 All-Wave, Aug90: 17; Jun99:5
 All-Wave 23, Feb05: 14
 After the Fall: Three Meck-Scotts, by L. Sibley, Mar98:16
 All-Wave 12 (1932) brochure reprint available, Nov87: 6
 Book Review - *E. H. Scott, The Dean of DX*, by Hobbs, Apr86: 5
 E. H. Scott Historical Society Forms, Nov92: 6
 Escutcheons available for Scott radios, Oct86: 6
 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
 Model 800-B, Jul93:4
 Model RBO receiver, Nov92: 1
 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
 Scott Goes to War, by Kent King, Feb25:1
 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
Part 2, Sep05:1, Part 3, Nov05:1

Sea Gull (tubes)

Ad reproduction: Dec02: 11

Searle

The Searle 5S1-8: One Weird Radio, by T. Hannah, Jan94:1

Sears, Roebuck Radios - see Silvertone

Ad reproduction for Sears radio catalog, Oct95:9

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.**Selectosphere**

Music of the Spheres, by E. Lyon, Jan07:1

Selenium rectifiers

Replacing, May04: 10

When Did They First Appear? by T. Hannah, Apr12:13

Sencore

Sencore is Still There, Feb01:14

Sentinel

Ad Reproductions: 195 (Lafayette), Jan90: 6; 284 (Allied Radio), Jan90: 6
Bringing a Down-Country Radio into the Big City, (Model 60B), Nov15:1
Model 72ATR 1930s Button Cell Batteries, by Eric Stenberg, Apr20:9

Service Hints - Miscellaneous (See Restoration Tips category

for specific problems)

A Hint for Servicing 3-Way Portables, by R. Larson, Aug96:8

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 VoltOhm, by O. Parker, Feb94:8

Service Shops, Radio

(See also Roycroft, Alan)

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

Sessoms, Willie

Member Spotlight - Willie Sessoms, Jun18:1

Setchell Carlson

Restoring a Setchell Carlson 427 and a Brief History of Setchell Carlson, by B. Belanger, Oct08, p. 8
Setchell-Carlson—and Odd Power Sources, by E. Lyon, Jan12:8

Set screw repair

Dec19:13

Shearer, Geoff

40th anniversary, Jun24:7

An Ugly Repair (Zenith Model 5S127), by Geoff Shearer, Mar16:14

Bargains Are Still Out There, Dec98:5

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

The Complete Guide to Antique Radios: Tabletop Radios - Vol. 1, Nov02: 12

Machine Age to Jet Age III, Nov99:4

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

Another Tricky Repair Job, Nov06:14

Executive Musings, Nov07:12

February 2020 Meeting Super Show and Tell, Mar20:12

Finding a Radio Schematic (Trophy Bowling Ball), Feb25:10

The Grunow 450 - Oh, What a Challenge, Sep97: 16

Kutztown Meet Report, Nov07:13

Member Spotlight: Goeff Shearer, by D. Sanchez, Jun14:1

My Trip to the Great North, Nov01:8

Musings of a Radio Club President, Aug06:9

Pacific Model 100 “Air Cruiser,” Jun15:6

President’s Report, Mar08:7

Presidential Musings, Redux

The Radio Collector, May94:1

A Rags-to-Riches Philco 60, Mar96:1

Restoring a Sparton Bluebird, Dec09:1

What is a Croydon?, Sep23:11

The “Woe-Is-Me” Crosley 148, Nov94:1

Working for Nothing – Repairing a Philco 38-89, Oct06:13

VRPS/AWA 1995 Convention Report, Jan96:12

Shellac

Is it Shellac or Lacquer?, Jun18:11

Shipping radios

The Perils of Radio Shipping, by P. Farmer and G. Gore, Dec00:8

Shortwave Radio

Great Circle Short Wave Society, by H. Cones, Jan88: 7

The Rise and Fall of Shortwave Radio, Part 1, by E. Lyon, Jan10:1; Part 2, Mar10:1

Short Waves - Radio Historical Notes, by E. Lyon, Jul87: 13; Aug87: 3; Sep87: 3.

Shortwave Numbers Stations, Apr18:14

Shortwave Radio – For International Leisure, Learning, and Liberty, by E. Lyon, Mar19:1

SWL - Ears to the World, by T. Betzer, Jul91: 4

Tidbit, Nov15:11

Shotts, Terry

More power to the farm radio, Apr87: 6

Power supply for farm radios, Oct85: 4

Showers

The Showers Consola, by R. Goad, Aug98:1

Shriver, Harry

75 Years of Broadcasting in Maryland, May97:1

Shure

Shure Microphone Designer Ben Bauer, by Domi Sanchez, Oct18:8

Sibley, Ludwell

50th Anniversary of the “Germanium Radio,” Feb96:4;

Follow up, Apr96:16

100-Milliampere Miniatures, Nov20:1

A Catechism on Carrier-Current – Then and Now, May20:1; Follow-up: Jul20:11

A Look Back—Way Back—At TV sets, Part 1, Aug21:8; Part 2, Oct21:6

Another Look at Raytheon, Dec21:5

The Citizens Band, Aug20:1

After the Fall: Three Meck-Scotts, Mar98:16

The All-American, er, Four, Apr98:1

Auction Results - Ford Museum, Oct. 6-7, 1995, Oct95:3
 Bakelite!, Jun97: 1
 Book Reviews:
Radio Tubes and Boxes of the 1920s, Sep99:10
The Zenith Trans-Oceanic - The Royalty of Radios, May95:1
 Coil Sets for the HRO Family of Receivers, Feb96:10;
 Follow up, Mar96:4
 Color-Coding the Networks, Jun95:8
 Deaccession Sale - Ford Museum, Aug95:14
 De Forest and Transmitters, Feb00:6
 Diagnosis For Ac/dc Radios, Aug92: 13, submitted by S. Rosenstein, source correction noted, Sep92: 5
 Evolution of the Hearing Aid, Dec20:8
 F.B. Chambers & Co.: Philadelphia's First Radio Maker?, Aug. 97: 7
 Frequency Modulation: An Appreciation, Feb04: 1
 "German" Tubes by Western Electric, Mar97:12
 A Glimpse into CeCo, Mar95:1
 A Half-Century of Sams' Photofacts!, Apr96:1
 The Hybrid Car Radio, Sep20:1
 "Humor in Uniform" – Tech Manual Art, Aug06:10
 Low-Cost Isolation Transformers - Another Source, Jun97: 7
 Ludwell Sibley is Home (accident report), Dec01:10
 Major Armstrong: An "Eimac Man", Apr09:1
 More on Early Electronic Television Receivers, May96:1
 Muntz – TV and More, Apr22:6
 Never Replace Another 35Z5...or 35W4... or 35Y4, Oct94:17
 Notes on Dial Lamps, Jul98:4
 Obituaries
 Bruce Kelley, Jan98:9
 Ross Smith, Oct00:6
 On Transistor Radios, May21:1
 Plant - Identification Codes - RCA Tubes of the '20s, Nov96:10
 Rauland, Zenith, and Tubes, Oct04: 1
 An RCA Victor Prototype, Feb95:12
 RCA's TV Glow Tube, Apr03: 14
 Restoring an Atwater Kent 317, Oct94:11
 Restoring the Later Trans-Oceanics, May95:9
 John F. Rider and His Manuals, Jan.95:1
 Rider's Forgotten Manual, Apr01:1
 Stromberg-Carlson, Feb03: 1
 Testing Tubes in Bulk, Aug93:10
 Time Capsule Opened at Atwater Kent Plant, Dec96:8
 The TR-55 - Sony's First Transistor Radio, Dec98:1
 Tube Lore: 100-mA AC-DC Tubes, Jan96:1
 Tube Lore: Identifying Metal Types, Jun98:3
 Tube Lore: Identifying Portable Radio Tubes, Aug98:6
 Tube Lore: Identifying Those Early '30s Types, Apr97:1
 Tube Lore: European Brand Names, Aug96:1
 Tube Lore: "Majestic" Tubes, Jul95:8
 Tube Lore: The Wunderlich Detector, May 97: 11
 TV Sets Branded Altec and DeForest, Dec21:11
 "Western Electric" Tubes: An Apparent Revival, May95:13
Signal Corps
 Collectable Aircraft Radios by E. Lyon, Jul05:3
 Part 2, Sep05:1, Part 3, Nov05:1
 "Humor in Uniform" – Tech Manual Art, by L. Sibley, Aug06:10
 The Military Role in Early Radio, Part 1, Feb90: 1;
 Part 2, Apr90: 1

Wartime Television, by E. Lyon, Nov01:1
 Wireless in the Army Signal Corps (tidbit), Jan99: 10
Signal generators
 Signal Generators, by B. Belanger, Oct99:6
Silver-Cockaday Ad Reproduction (receiver), Apr90: 12
Silver-Marshall (McMurdo Silver radios listed under "M")
 Ad reproduction - Model 726 SW console, May92: 12
 Old Wine in a New Bottle: Resurrecting a Silver-Marshall Model J Chassis, by D. Parks, Apr00:1
 Perhaps the First Converter or Q-5er, (Silver-Marshall 440), May98:1
 Rescuing a Silver-Marshall 724, by C. Scarborough, Dec00:10
Silver Mica Disease
 The Dreaded Silver Mica Disease, by D. Dodgen, Apr23:12
 The Dreaded Silver Mica Disease, Part 2, by D. Dodgen, Aug23:12
Silvertone
 Beware the Silvertone 4500!, by S. Kalista, Jul94:7
 Manufacturers' codes for Silvertones, Sep86: 14
 Model 4418 profile, by T. Hannah (also mentions models 4421, 4430, and 4434), Sep86: 8
 Model 4464 mini-profile, Nov87: 17
 Model 4500, Jul94:7
 Model 4611, Mar14: 8
 Neon lamp flasher tuning indicator, Dec16:11
 Sears Radio Data Available on Microfilm, Mar90: 3
 Silvertone Look-Alike Cathedrals, by E. Lyon, Nov01:9
 The Silvertone Model 112, by D. Gonshor, Mar11:1
 Tidbit on manufacturers by E. Lyon, May07:10
Simplex
 Ad Reproduction (all-wave receiver), Aug98:16
 California Midgets—and One From Sandusky, by E. Lyon, Mar15:1
Simpson
 Ad reproduction – Model 260
Siragusa, Ross
 The Admiral Amalgam, by E. Lyon, Sept24: 12
Skelton, Ron
 In Honour of the AR88, Jul13:18
Slaby-Arco
 Articles on the Navy's use of Slaby-Arco Equipment, by E. Lyon, Jun91: 9; Jun92: 1
Smith, Craig - notes on article about his collection, Sep87: 10
Smithsonian trip at first Annual meet, Sept25, p8
Snyderman, Steve
 Ask Mr. Answerman, May04: 4
 Back to the Future, Jun94:13
 The Demise of the Atwater Kent Corp. (spoof), Apr95:8
 Getting a Charge from Battery Sets, Mar90: 6
 Thanks to Steve Snyderman (tribute), Jun 97: 10
Soap Operas
 Daytime Radio, James Thurber, and the Soaps, by E. Lyon, Mar97:5
Society for the Preservation of Antique Radio in Canada
 (SPARC) Museum (Coquitlam, BC)
 Antique Radio and Television Museums, Part II, Jun04: 8
Sodion
 Evolution of the Sodion Tube, by E. Lyon, Mar00:10
Software Defined Radios
 Product Review: SDRPlay, by Jim Morgan, Aug16:11
 ...Software-Defined Radio, Nov21:9

Sohn, Dan

Acquiring a Tester for Early Broadcast Tubes (Readrite Model 432A), Oct21:12
A Walkman to the Rescue, June21:12
Audiotron tube adapter, June21:8
Another Photograph and More Postcards: Early Broadcast Souvenirs, Jun08:9
The Audiovox Loudspeaker, Jul13:1
Baltimore Broadcast Radio and the Aeriola Era, Feb09:1
The Bates Radio Index, Dec21:1
Broadcast Radio Rides the Rails, Aug08:11
The Detector Testing Buzzer, Feb21:8
Early Broadcast Radio and the Missing Link Microphone, by Daniel Sohn, Jun16:9
Early Broadcast Variations of the Fleming Valve, Jun18:8
Early Wireless and Disaster at Sea, Oct08, p. 1
Early Wireless and Early Aviation, Jun07:1
Early Wireless and L’Affaire des Poudres, Feb12:11
Early Wireless and Miss Winslow, Apr09:15
Early Wireless and the Gilbert Girl, Dec07:1
The Early Wireless Enthusiast, Oct07:1
Early Wireless on the Old Dominion Line, Apr07:1
Establishing a Provenance, Feb16:1
Genealogy, Philology, and Entomology. . . and Early Broadcast Radio, by D. Sohn, Jun10:1
How a Gilded Weather Vane Briefly Became the Golden Girl of Early Broadcast Radio, Aug10:1
It’s Army vs. Navy in Balloon Racing, Oct10:8
It’s Army vs. Navy on Inauguration Day, March 4, 1929, Jun13:1
A Postcard, a Photograph, and a Pin Back Button – Early Radio Souvenirs, Feb08:1
“A Queen’s Messenger, Dec13:1
Spherical Audions with Perforated Sheet Metal Plates in Place of the Usual Bent Wire Grids, Nov14:p 1 and 8

Soldering and Soldering Irons

Carl Weller and the Soldering Gun, Feb92: 8;
follow-up letter, May 92: 9

Sonobuoys

AM-FM Mystery, by W. Anderson, Sep04: 7

Sonora

Ad Reproductions
1940 models TX-53, TX-58
Around the World With Globe Radios, by J. Okolowicz, Apr20:1

Sonotone

Hearing Aids: Nov24:8; Jan25:p9
Tube Lore Supplemental Data, May01:11

Sony

The Sony TR-510, by P. Farmer, Jun04: 5
Sony TR-55 Surfaces on eBay, by P. Farmer, Jan04: 12
The TR-55 - Sony’s First Transistor Radio, by L. Sibley, Dec98:1
Watchman TVs, by Rod Matzko, Oct24, p1

Sorber

Jim Wilson’s Sorber Cathedral Set, by Ed Lyon, Mar17:10,
follow-up Jul17:8

Soundmirror

Getting Half a Start in Tape Recording, by E. Lyon, Jan04: 1

Sousa, Joe

The 1950s Three-Channel Stereo, by E. Lyon with
J. Sousa, Jul19:1

An Orioles’ Double-Play—Armstrong-to-Miller-to-Winther, by E. Lyon and Joe Sousa, Jan14:1
...Analysis of Wunderlich Tubes, Jan22:9
E. H. Armstrong—Inventor of Digital Radio, by Joe Sousa and E. Lyon, May10:1
Bamby – A Pocket Set from Nitto, Sep18:13;
Part 2: Nov18:13
Beams of Electrons, by E. Lyon, Mar11:5
FM Broadcasting in a Whole New Light [with Ed Lyon], Sep08: 1
Joe Sousa’s Restoration of a Carnival Giveaway Radio, by Ed. Lyon, Sep17:11
Oscillating Lamps – Update, by Ed Lyon, Nov08:9
A Popular Mechanics Stone Soup Radio, by E. Lyon and J. Sousa, Nov10:1
Restoring an Air King 4608A, Jul10:7
The Rod-Element Vacuum Tubes, by E. Lyon, May11:1
Sousa’s Dual-Control Pentodes, Jan11:1
Restoring Brightness to the 6E5/6U5, with Ed Lyon, Nov12:1
Tidbits, Mar08:10; Mar12:10
The Winther Brothers’ Warwick Radio – on a Roll, by Ed Lyon and Joe Sousa, Jul17:1
Wunderlich Tube Characteristics, by E. Lyon and J. Sousa, Sep11:9

Southern Appalachian Radio Museum (Asheville, NC), Oct04: 11

Souvenirs

Another Photograph and More Postcards: Early Broadcast Souvenirs, by D. Sohn, Jun08:9
A Postcard, a Photograph, and a Pin Back Button – Early Radio Souvenirs, by D. Sohn, Feb08:1

Sparks-Withington Co. - See "Sparton"

Spark Transmitters

The Mechanical View of Electronics, by E. Lyon, Jan21:1
A Midlife Crisis in Spark Transmitters, by E. Lyon, Jul09:1

Spartan - Ad for early cone speaker, Feb85: 1

Sparton (Sparks-Withington Co.)

...Analysis of Wunderlich Tubes by J. Sousa, Jan22:9
Model 100 speaker
Model 500 Cloisonne Radio, by E. Lyon, May89: 3, , Jul02: 1, Nov03: 12
Nocturne model sells for \$35,000, Nov03: 11
The Plight of the Bluebird, by J. Koester, Dec06:8
Restoring a Sparton Bluebird, by G. Shearer, Dec09:1
Restoring a Sparton Nocturne, by B. Engstrom, May93:1
Resurrecting a Sparton Model 28 Triolian, Jun00:1
The Sparton Model 500 “Champleve,” by E. Lyon, Jul02: 1
Tidbit, Mar24:11
Tubes - technical data on Sparton tubes, Jan88: 6
Sparton Website, Jun02: 12

Speakers

A 1960s radio With a Built-in Horn Speaker, by E. Lyon, Mar13:10
Cavac and Courier with Kyelectron, by H. Trolander, Jun98:11
Cementing Speaker Grille Cloth, Jun90: 8
The Components of Radio--Speakers, by E. Lyon, Oct89: 1
Cone speakers
Ad Reproductions - Thorola, Lorel, Sparton, Western Electric, Timmons, and Acme), Feb85: 1,10;
more ads (misc. manufacturers), Jul85: 7; more ads

(Pacent, O'Neill, and Timmons), Apr86: 2
 Jon Cohen Lands a Big One (photo of large oriental cone speaker in his collection), Dec92: 7
 Replacement for old paper cones, Dec84: 6
 First Earphones, Then Horns, Then Cones,: What Next, by B. Belanger, Apr97:14
 A Few Words on Speaker Repair (reconing), May88: 22
 Grounding speaker frames for safety, Jan88: 2
 Loudspeaker Fidelity, by E. Lyon, May07:8
 Manufacturer codes, May06:11
 A Nothing-to-Lose Speaker Cone Repair Project, by R. Lozier, Oct14:1
 Phasing, Nov01:11
 Protecting cones during repair (restoration hint), May87: 17
 Reconing, Oct98:14
 Repairing Horn Drivers, by Mike Kendall, Jan17:8
 Rejuvenating horn speaker magnets, Oct92: 13
 Some Reflections on Wiring Multiple Speakers, Oct97: 15; Correction, Jan98:7
 Speaker Board Repair, by J.Koester, Dec98:7
 Speaker lead color codes, Dec84: 5
 Speaker repair services available, Dec84: 5
 Speaker repair cement, Jul97: 13
 Walart hanging speaker - Ad Reproduction, Aug86: 1

Speak-O-Phone
 Programs of Record, by E. Lyon, Jul09:7

Speed (tubes)
 The Triple-Twin and Dynamic Coupling, by E. Lyon, Jul08:1

Spencer Laboratories
 Crystal set, Nov00:13

SPF Radios
 Tidbit, Jul12:10

Spivey, David
 Book Review: *The War of the Worlds Mystery*, by Max Collins, Oct05:14

Splitdorf
 When Ponderous Companies Ponder, by E. Lyon, May07:1

Sporadic-E Communication
 Radio Echoes...Echoes...Echoes, Part 1, by E. Lyon, Sep11:1
 Part 2, Nov11:1; Part 3, Jan12:1

Sprague, Robert, and Sprague Electric Co.
 Black Beauty capacitors, Sep04: 1; Jan12:10
 Obituary - R. Sprague, Jan92: 5
 Tone control, May92: 8

Spread Spectrum Signals
 Low Probability of Intercept Signaling, by E. Lyon, July23:8
 Spread Spectrum Signals, by E. Lyon, Jan23:1

Spying
 Beams, Enigma, and the Coventry Myth, by R. Thomas, Jan01:9
 Bletchley Park West--Yardley's Black Chamber, by E. Lyon, Mar02: 6
 Breaking Radio Codes: A Signal Intercept that Actually Changed the World, by E. Lyon, Sep01:1
 Building a Replica of the Paraset, by B. Kellogg, Nov12:12
 El Alamein - Before and After, by E. Lyon, Nov99:5
 Funkspiel--Part 1, by E. Lyon, Mar02: 14
 How Rejewski Broke the Enigma Machine, by E. Lyon, Nov02: 6
 HRR-3, A Spy-Catcher Radio, by Ed Lyon, Mar17:1
 also see Tidbits on p. 8 of this issue, May17:8
 Joan - Eleanor, Spy Radio System, by E. Lyon, Jul00:5

The Paraset Radio, Part 1, by J. King, Sep12:11
 Radio Evesdropping in the 1940s, by E. Lyon, Nov97: 5
 RDR radios, Nov13:10
 Sharing the Blame: British Radios That Left American Fingerprints, by E. Lyon, Sep14:10
 Spies Who Came In From the Cold, by E. Lyon, Sep02: 1

Squelch Circuits
 Majestic Model 340, Jan18:8

Sputnik
 Tracking by ham operators, Jan25:p141

Static
 Lightning and Radio Static, by E. Lyon, Part 1: Jul19:13;
 Part 2, Sep19:13
 Static!...and Experiments to Reduce It, by E. Lyon, Jul12:9

Station logs
 1936-37, Nov87: 8

Statts, Stephen
 A Mail-Order Classic: The Westinghouse Aeriola Senior Regenerative Receiver, Jan99:6

Steelman
 Hot chassis record player, Sep17:8

Stehlik, Roy
 TVs are Radios, Too!, Aug18:1

Stein, Mark
 Newspaper article about him, Mar94:8
 See also book reviews

Stenberg, Eric
 1930s Button Cell Batteries, Apr20:9
 ...40th anniversary, Jun24:13
 Antique Radios in Norway, Jul04: 6
 The Bane of the Finicky Refinisher, May06:1
 Book Reviews
Antique Radio Restoration, Vols. 1 & 2, Aug04: 8
 Basic Wood Radio Cabinet Refinishing--Part 1, Aug02: 5; Part 2, Sep02: 7
 Chain Drive Dial Belt Replacement, Jun13:9
 Collector Profile: Gary Alley, Oct03: 8
 The Emerson 161 Mystery Radio, Oct17:12
 The Future of Television as Perceived in 1937, Oct05:11
 The Great Show-'N'-Tell Show, Mar09:11
 Grille Cloth and the April Meeting, Apr01:9
 Presidential Musings, May17:7
 The Not-So Great Knob Controversy on the Philco Model 70 Cathedral, Dec17:1
 Repairing Veneer Damage, Oct04: 6
 Restoring Inlay Strips for an Emerson Ingraham Cabinet, by E. Stenberg, Mar12:1
 Restoring the Felt Head Tacks Used as Feet on 1930s Radio Cabinets, Feb12:7; Follow-up, Jun13:8

Stenode Radiostat
 Tidbit, Jan13:11

Stereophonic Sound
 The 1950s Three-Channel Stereo, by E. Lyon with J. Sousa, Jul19:1
 Adventures in Stereo Down Under, by Alan Roycroft, May97: 4
 Audio Under Glass-Part 7, by E. Lyon, Nov07:1
 Magnetic Cartridges for Stereo, by J. Dodgson, Apr16:1
 Stereophonic Sound, by E. Lyon, May95:1; Jul95:1

Sterling
 A Strange Set, by T. Hannah, Feb90: 11

Stewart-Warner

- Restoring Peace in an Uprising, or - A Stewart-Warner Saves the Day, by Ed Lyon, Feb17:1
- Stewart-Warner 1933 World's Fair Radio Restoration, by E. Brady, Feb12:1, (Repeated in color in the Dec24 issue, p11)
- Stewart-Warner Model 91-511 "Spade," by G. Shearer, May15: 1
- St. James (radio components)**
Tidbits, Jan09:10
- Stone, John Stone**
A Radio Pioneer - John Stone Stone, by B. Belanger, Dec04: 8
- Strausburger, Mark**
Penn State and Radio (Co-author, Ed Lyon), Sep96:11; Follow-up, Nov96:12
- Stromberg-Carlson**
Ad reproductions:
1948 radio line, May86: 7
Short Wave Converter, Aug90: 20
Fine Tuning a Stromberg-Carlson Power Supply, by T. Hannah, Sep94:7
Model 180-L power supply, Sep94:7
Model 320-T grid bias cell, Feb92: 16
Model 1204-HA servicing, Feb92: 7
Stromberg-Carlson, by L. Sibley, Feb03: 1
Symbols used on schematics for resistance values, Aug88: 13
- Stromeyer, Charles,**
The Triple-Twin and Dynamic Coupling, by E. Lyon, Jul08:1
- Stubblefield, Nathan**
The Well-Grounded Radio Conspiracy, by Ed Lyon, May17:9
- Stump the Experts,** May87: 12; Aug88: 11; Nov88: 13
- Submariner** short wave converter (ad reproduction), May91: 7
- Sun-Roxy Radio Fund**
The Sun-Roxy Radio Fund, by R. Lozier, Oct19:8
- Super Ball Antenna Co.**
Quirky Radio Antennas in Disguise, by J. Okolowicz, Dec19:1
The Super-Ball Antenna Company—Part 1, by G. Hunolt, Jun11:8; Part 2, Aug11:9
- Superheterodynes**
Historical note about superheterodynes, by Ed Lyon, Jan87: 8; Feb87: 4; Mar87: 4; Apr87: 3; May87: 4; Sep97: 5
The Long-Box Superhets – Part 1, by Ed Lyon, Jan18:11
The Long Box Superhets – Part 2, by Ed Lyon, Mar18:1
A Multi-Valve Superheterodyne Using Just One Tube, by D. Parks, Dec97:11
"The Radio Group," by Ed Lyon, Jun85: 4; Jul85: 8
R. E. Lacault's Superhet: The Ultradyne, by E. Lyon, Sep01:12
Superheterodynes—The French Connection, by E. Lyon, Jul13:12
Taking the High Road: Upconverting in Superheterodynes, by Ed Lyon and Richard Altig, Mar18:11
Thoughts On Collecting Early Superheterodyne Receivers by D. Willenborg, Jun20:1
- Superior Antenna**
The Super-Ball Antenna Company, by G. Hunolt, Part 2: Aug11:9
- Super-Regeneration**
E. H. Armstrong—Inventor of Digital Radio, by Joe Sousa and E. Lyon, May10:1
Superregeneration, by E. Lyon, Jul12:1
- Supreme Instruments Corp.**
Ad Reproductions
Model 400 Tube Tester, Feb93: 17
Model 450 Set Tester, Oct90: 20; Feb93: 17
Model 545 Oscilloscope, Jul92: 15
Model 570 Signal Generator, Feb93: 20
- Sweden**
Alexanderson alternator and radar, Jan25, p9
- Switches** - repairing toggle switches, Aug88: 13
- Sylvania**
50th Anniversary of the "Germanium Radio," (1N34 diode) by L. Sibley, Feb96:4
Deciphering The Sylvania Date Codes, by P. Hart, Part 1, Feb20:1
Keep Your Eye on the Copy, by E. Lyon, Mar02: 12
Sylvania and the *Sylvania News* Newsletter, by B. Belanger, Aug11:1
Tube Lore Supplemental Data, May01:11
- Symonds, Gordon**
Another Atwater Kent Museum, Jan90: 3
The Audion Revisited, Apr91: 6
Book Reviews:
Early Radio Wave Detectors, by V. Phillips, Aug90: 16
Hertz & the Maxwellians, by J. O'Hara & W. Pricha, Aug90: 17
Cabinet Refinishing - The Old Fashioned Way, Jan90: 4
Core Saturation in Audio Interstage Transformers, A Sequel, Dec90:13
Historical Test Equipment: General Radio 1307A Oscillator, Aug90: 13
Historical Test Equipment: Jewell 444 Set Analyzer, Sep90: 5
Humor in Radio - 1, Jun89: 17
Ingenuity in Radio--The "Blank Air" Capers, Jan90: 9
An Interview with W. Scobell Phippen, Jun91: 1
The Marchese Strikes Back, Jul89: 9
Mini-Profile: The Atwater Kent 70 Series, Jul89: 4
PCBs in Components--A Safety Hazard?, Jan90: 9
Scratch removal from Bakelite, Mar91: 9
A Tester for Early Battery Set Vacuum Tubes, MAARC Monograph 2, March 1991 (mailed with March '91 issue)
Testing and Reconditioning Electrolytic Capacitors, Nov88: 9; see also correction, Feb89: 8
Testing Coupling Capacitors, Jan89: 3
Use of Radioactive Isotopes in Electron Tubes, Nov89: 3
Why the AM Band is Where It Is, Jul90: 9
Wireless Alphabet, Aug89: 18
- Tape Recording**
Getting Half a Start in Tape Recording, by E. Lyon, Jan04: 1
Remembering Magnetic Recording and Radio, Nov19:1
- Tarzian, Sarkes - See Sarkes Tarzian**
- Taylor, A. Hoyt**
Radio Hist. Note, by E. Lyons, Aug91: 1; Oct92: 1
The Well-Grounded Radio Conspiracy, by Ed Lyon, May17:9
- Technical manuals** - See Manuals
- Tektronix**
Adventures with a Curve Tracer, by A. Douglas, Sep97: 9
- Telefunken**
Substituting for Hard-to-find Tubes and a Radio that

Used Substitutes from the Get-go, by E. Lyon, Jul02: 15

Telegraph Keys – See Keys

Television Collecting

An Evolutionary Step Forward in Television: The
Casio TV-10 LCD TV, by Rod Matzko, Oct23.p1
The Baird Televisor, by R. Kron, May93:5
Dealing with Picture Tubes, by T. Houghtaling, Aug04: 4
Does Your TV Have the Wrong Size Picture Tube? by B.
Belanger, Jun01:8
Restoring an Early Motorola Television, by T. Houghtaling,
Aug02: 1; Part II, Jun03:
Signal boosters: TV Signal Boosters and UHF
Converters, by Mark Nelson, Oct23:77
Televisions and TV Collecting, by Harry Poster, Nov88: 12
UHF converters: TV Signal Boosters and UHF Converters,
by M. Nelson, Oct23:7
What About Old TV Sets?, by Joe Koester, Dec87: 8

Television History

A Look Back—Way Back—At TV sets, Part 1, by
L. Sibley, Aug21:8; Part 2, Oct21:6
An Evolutionary Step Forward in Television: The
Casio TV-10 LCD TV, Oct23.p1
Allen B. DuMont—Magic Eyes, CRTs, Oscilloscopes,
and Television, by B. Belanger, Feb10:1
The 1932 RCA Field Test TV Receiver, by J. Lendaro,
Apr95:1
Color Television Receiver Development at RCA, by
B. Belanger, Dec04: 13
David Sarnoff and Television, by B. Belanger, Feb01:8,
Follow-up, Apr01:14; May01:13
Early Television Concepts - Visual Broadcasting (reprint
from 1931 Gernsback Encyclopedia), Sep95:1
Flat Screen Monitors, by E. Lyon, Jan02: 14
The Future of Television as Perceived in 1937, Oct05:11
How RCA and Farnsworth Camera Tubes Were Different
By L. Greenough, Dec02: 1
Interlaced Scanning -Interlaced Video by J. O'Neal, Jun25:1
Ma Bell--Color Television Pioneer, by E. Lyon, Jan02: 1
More on Early Electronic Television Receivers, by L.
Sibley, May96:1
Obscure Television Tubes from 1938: The Monotron
and the Phasmajector, by B. Belanger, Dec07:11
"Other" Televisions at the New York World's Fair, by
J. Lendaro, Nov95:1
"A Queen's Messenger," by D. Sohn, Dec13:1
Scanning Disc Television Manufacturers,
by B. Belanger, Aug16:1
Television "Attachments," by J. Lendaro, Oct96:1
Tidbit (CBS color vs. RCA B&W), Jul06:10
Wartime Television, by E. Lyon, Nov01:1
Wartime Television Sequel--A Sneak Preview, by
E. Lyon, Mar03: 13
Wartime Television--A Sequel, by E. Lyon, May03: 1
Who Invented Television?, by B. Rawlings, Oct22:1

Television Servicing

Never Assume, by T. Houghtaling, Aug13:9
TVs are Radios, Too!, By Roy Stehlik, Aug18:1

Telstar Electronics

Predicta Redux, May02: 10

Tesla, Nikola

Marconi, Tesla, Rutherford, and Wireless,
by E. Lyon, Sep09:1

New Tesla Material Available, Feb95:11

Tidbit - May03: 14

Test Equipment (see also curve tracers, VOMs, oscilloscopes, tube testers, etc.)

Can You Trust Your Meter?, by B. Belanger, Dec12:11
Fun With Old Parts, by D. Johnston, Aug03: 8
General Radio Model 650A impedance bridge, Jul15:8
General Radio 1307A, by G. Symonds, Aug90: 13
Jewell Pattern 444 Set Analyzer, by G. Symonds, Sep90: 5
The Jim Dandy Eye Tube Checker, by Joe Koester and
Cliff Hensley, Aug16:12
Low Tech Test Equipment Troubleshooting, by A. Douglas,
Mar00:9
The ME-297/U or AN/USM-223 VOM, by A. Douglas,
Mar92: 5
Outfitting Your Bench - Another View, by
A. Douglas, Nov98:7
A Poor Man's Frequency Meter, by D. Johnston, Jun03: 9
A Power Control and Monitor for Your Electronic Bench, by
C. Rhodes, Mar99:11
A Very Low Current Continuity and Leakage Tester,
by C. Marshall, May91: 9; correction, Jun91: 8
Upgrading the Radio Repair Bench, by E. Lyon, May15: 1
VOM Accuracy: A Follow-up Experiment, by
B. Belanger, Apr19:11
ZM-11 bridge, Jul15:8

Texas Instruments

Texas Instruments and the Regency TR-1, by C. Cook,
Aug02: 11

Theremin

My Encounters with the Theremin, by L. Greenough,
Jul94:13
Note on Leon Theremin's death, Dec93:12
Theremin Movie, Oct95:16; Mar96:3

Thermistors

Things that Rhyme With Resistors, by Ed Lyon, May16:12

Thermopiles

Tidbits, Jan09:10

Thomas, Archibald

1ZP—Banished Young Radio Pioneer, by E. Lyon, May12:1

Thomas, Robert (Bob)

Beams, Enigma, and the Coventry Myth, Jan01:9
When Rails Met Radio, Oct95:15

Thompson, Harry

Beams of Electrons, by E. Lyon, Mar11:5

Thompson, Ray

Atwater Kent – Early Resistive Components and Tube
Units, by R. Thompson and L. Bassett, Jul05:1
Atwater Kent: One-and Two-Tube TA Units, by R.
Thompson and L. Bassett, Feb07:1
Atwater Kent: The Two-Tube Detector/Amplifiers, by
R. Thompson and L. Bassett, Aug07:1
Atwater Kent—Three-Tube TA Units, by Ray Thompson and
Leigh Bassett, Dec08:1
Atwater Kent Tuning Components and Transformers, by
R. Thompson and L. Bassett, Oct05:1
Atwater Kent – Variable Condensers, by R.
Thompson and L. Bassett, Feb06:1
Atwater Kent Variometers, Variocouplers, and Related
Devices, by R. Thompson and L. Bassett, Dec05:1
Identifying the Earliest Atwater Kent Components, by
R. Thompson and L. Bassett, May05: 1

Thompson (R. E. Thompson Manufacturing Co.)

The Thompson Minuet Collectors, by E. Lyon,
Mar07:1, follow-up, Jul07:10

Thorola

Ad reproductions
Horn and cone speakers, Feb85: 1,3
Models 3 and 4 horn speakers, Nov87: 9

Thurber, James

Daytime Radio, James Thruber, and the Soaps, by E. Lyon,
Mar97:5

Time reports on radio circa 1915, May86: 8

Timmons - Ad Reproduction - Cone speaker, Dec89: 17

Tinkertoy (Project Tinkertoy)

A Followup to Project Tinkertoy, by A. Douglas, Mar94:3
A Lucite Radio Made with Tinkertoys, by E. Lyon, Nov93:1
Mystery Device, by E. Lyon, May02: 10
Pictures, Sep14:8

Tip-Top Tubes

A Tip-Top Tube Mystery, by A. Douglas, Jun11:5

Tobe - Ad reproduction, Model 35H communications receiver, Aug96:16

Toggle switches - See Switches

Tom Thumb - See Automatic

Tone Arms

One Good Turn Deserves Another, (turntable arm) by Bob Schmitz, April24, 8

Tone Control

More on Sprague's Tone Control, May92: 8

Tongue, Ben

MAARC Member Ben Tongue Honored, Apr02: 12
Correction to above, Jun02: 12

Toonin Radio Game

Toonin Radio Game by Joe Koester, Feb25:8

Tower - Ad Reproduction - Scientific Headset, Jun90: 9

Townsend - Ad Reproduction - B-eliminator, Mar92: 12

Trade Name Index, Aug89: 13

Transcription discs and Turntables

Programs of Record, by E. Lyon, Jul09:7
Tidbits, Jan09:11
To Everything, Turn, Turn, Turn, by Bob Schmitz, Dec23:12;
Part 2, April24, 1

Transformer Corporation of America

The Admiral Amalgam, by E. Lyon, Sept24: 12

Transformers (See also, Restoration Tips, Transformers)

AF transformer substitution, Nov85: 7
Audio transformer repair, Nov92: 12
Buzzing noise - repair, May88: 26
Color codes for power & IF transformer leads, Jan87: 14
Core Saturation in Audio Interstage Transformers, A Sequel, by G. Symonds, Dec90: 13
Depotting & Repotting Transformers, by F. Kohl, Nov84: 4
Fixing A Bad Transformer, by E. Brady, Dec98:13
IF transformer repair by B. Belanger, Aug21:13
Isolation Transformers
Fun With Old Parts, by D. Johnston, Aug03: 8; follow-up, Feb04: 17
Isolation Transformers, by E. Lyon, Jul96:13; Sep96:16
Low-Cost Isolation Transformers, Jun 97: 7
Output transformer to match 4-ohm speaker to a battery set, Feb06:10, follow-up, May06:13
Output transformer primary taps, Jan18:8
Repairing Audio Transformers the Easy Way,

by R. Lozier, Apr02: 14

Repairing Radio Repairs, by Ed Lyon, Jul16:1

Replacing Audio Interstage Transformers, by B. Belanger, Sep90: 3

Rewinding transformers - source - Aug04: 1

Save Those Used Transformers and Chokes, by

B. Belanger, Apr13:1, follow-up, Aug13:13

The Dreaded Silver Mica Disease, by D. Dodgen, Apr23:12

Speaking of Transformers, by Ed Lyon, Jul17:13

Transformer Repair - A Personal Experience, by C. Roberts, Feb99: 13

Unpotting Transformers, by B. Belanger, Jul90: 10

"Victory" power and audio transformers in WWII, Jun95:10

Transistors & Transistor Radios

Anticipating the Transistor, by E. Lyon, Sep96:1: Follow-up, Sep97: 12; more info. - Feb04: 16

The Emerson Model 868Miracle Wand, by P. Farmer, Aug06:1

Play it Again, Sam-IV (transistorized tube replacements), by Nevell Greenough, May89: 7

News of invention of transistor in 1948, Dec86: 6

On Transistor Radios, by L. Sibley, May21:1

Recapping Transistor Radios, by B. Casey, Feb02: 13

Repairs of Transistor Radios, Jun01:10

Restoration of Transistor Electronics - Part 1, by

E. Lyon, Jan20:1, Part 2, Mar20:7, Part 3, May20:13

Solid-State Replacement for Early Valves, Jun15:8

The Sony TR-510, Jun04: 5

Texas Instruments and the Regency TR-1, by C. Cook, Aug02: 11

The TR-55 - Sony's First Transistor Radio, by L. Sibley, Dec98:1

What Have We Here? (Early transistor?), Mar01:11

Transmitters

The Mysterious TPTG Mystery Story, by Ed Lyon, Sep16:1

Trent, James D., Jr., submission on early television, Sep95:1

Tresco

Ad reproduction (full page) - Feb11:13

Troe, Jim - Obituary, Jun11:14

Trolander, Hardy

Cavac and Courier with Kylelectron, Jun98:11

More on the Crosley Auto Expressionator, Apr98:6

Trophy Bowling Ball

Finding a Radio Schematic (Trophy Bowling Ball), by G. Shearer, Feb25:10

Truetone

A Truetone [Model D-1825] with a Not-So-True Tone, by E. Lyon, Sep09:12

Tubes (Info., by type listed first, then

alphabetically, by subject)

01A - Tube Characteristics - Play it Again, Sam-IV, by N. Greenough, May89: 7; Transistorized substitute, by

D. Wilson, Apr92: 1; Update Aug92: 1, Tidbit, Mar03: 10

1L6 replace with solid state device, Oct98:15

1SA6GT use, Tidbits, Jan09:11

1V6 - Tidbit (Gammatron mode), Jul14:8

2B5 - history, Jul08:1

2S (Majestic), replace with 84/6Z4, Feb98:16

2W3 - Replacement for G84, Sep88: 6

4S (Majestic), replace with 84/6Z4, Feb98:16

6A8G - Replace with 6A8GT or 6A8 metal, Oct87: 2

6AD6 - Dec20:12

6AL6-G - used in early TVs, Nov95:1;
 replacements, May96:1
 6B5 – history, Jul08:1
 6E5 - Replace with 1629, Nov84: 5; Faint green display -
 restoration tip Nov87: 9; Tidbit, Mar93: 7; Replacing,
 Jun 97: 13, brightness: Nov12:1; Follow-up, Jan13:10
 6J7 – Used as triode/diode in Crosley radios, Sept24: 8
 6JD5 – discussion, Sep15:14
 6K6 - substitute for 6N6, Apr95:17
 6L6 - History, Feb88: 6
 6ME5 - Brief information, Sep88: 3
 6N6 - replace with 6K6, Apr95:17, history, Jul08:1; replace
 with 6V6, Sep20:11
 6SB7Y replaced by 6SA7GT (no) July25, p8
 6T5: Sylvania and the *Sylvania News* Newsletter, Aug11:1
 6U5 - replacing, Jun 97: 13, brightness, Nov12:1;
 Follow-up, Jan13:10
 6X5 power supply failure: Zenith and Other Time
 Bombs, by W. Werzner, Dec18:9
 6X6 - Jul02: 19, Jan03: 7, May11:9
 12SQ7 – grid bias, Mar11:10
 21 - Mar03: 10
 26 – testing on TV-7 tester, Dec17:6
 27 - replaced by 56 for better performance, Nov01:14
 35W4 - Reuse when dial lamp section burned out,
 Dec84: 5, Replacement, by L. Sibley, Oct94:17
 35Y4 - Replacement, by L. Sibley, Oct94:17
 35Z5 - Mystery of Type 35Z5 Open Filament, by J. Lowe,
 Apr89: 8; Reuse when dial lamp section burned out,
 Dec84: 4, Replacement, by L. Sibley, Oct94:17; rationale,
 Jan21:13
 43 – Heater to cathode leakage, Tidbit, Nov20:11
 45 - Substitute for 45 tubes, by F. Esposito, Oct91: 3;
 See also, Dec91: 8 follow-up, and Jan92: 7
 Transistorized substitute, by D. Wilson, Apr92: 1;
 Update Aug92: 1
 Type 45 Tube Substitution, by J. Ekstrom, Aug09:13
 47 Replacing with 1D4, Feb00:15, Apr00:12
 48 - Replacing with 28D7, Jun 97: 14; quirks
 of 48s, Jul11:11
 50A1 replacement - May95:12
 71A - Replace with 45, Nov87: 9
 295 – Jul08:1
 807 - History, Feb88: 6
 932 - When Section T Became APL, by D. Sanchez, Feb19:8
 1629 - Replacement for 6E5, Nov84: 5; True Green Light
 for the 1629 Eye Tube, by C. Scarborough, Dec01:11
 6146 - Testing in TV-7 tube tester, Jul97:8
 FM1000 replacement, May20:11
 G-4S - Testing, Aug88: 11
 G84 - Replace with 2W3, Sep88: 3
 UZ30MC, May02: 10
 VT-1 - data inscribed on base, Aug86: 10
 WD-11 - Testing, Apr97:16; unusual pins, Sep03: 13
 XXL, XXD, and XXFM tubes, Sep86: 14
 100-Milliampere Miniatures, by L. Sibley, Nov20:1
 Adapters, tube
 Audiotron tube adapter by D. Sohn, June21:8
 Substituting for Hard-to-find Tubes and a Radio that
 Used Substitutes from the Get-go, by E. Lyon, Jul02: 15
 Radio Dealers and Service Shops During World War II, by

B. Belanger, Dec03: 1; follow-up, Feb04: 17
 Audio tubes, Jun99:15
 Audio Under Glass—Vacuum Tube Hi-Fi, by
 E. Lyon, Jul06:13
 Audions - Spherical Audions with Perforated Sheet
 Metal Plates in Place of the Usual Bent Wire Grids, by
 D. Sohn, Nov14:pages 1 and 8
 Audion tube data, Apr91: 6
 The Audion Comes to Europe, by E. Lyon, Jul07:1
 Audiotron tube adapter by D. Sohn, June21:8
 Beams of Electrons, by E. Lyon, Mar11:5 [errata, May11:10]
 Blue glow in power output tubes, Mar88: 3
 CeCo tubes - history by L. Sibley, Mar95:1
 Ceramic tubes (Project Tinkertoy)
 A Followup to Project Tinkertoy, by A. Douglas, Mar94:3
 The Challenge of Testing Vacuum Tubes,
 by P. Hart, Apr14:1, Part 2, Apr15:1
 Characteristics of Early Vacuum Tubes, by J. Lowe, Feb98:1
 Cleaning hint, Feb85: 5, Dec03: 11
 Cleartron Multivalve, Sep98:11
 Comments on New Tubes from Europe, by O. Parker, Jul96:4
 Cross reference - military VT vs commercial equivalents,
 May87: 7
 Detector Tubes: Approaching Audio: The
 Second Detector, by Ed Lyon, Jan24:7
 European Tubes
 European Brand Names, by L. Sibley, Aug96:1
 Source of supply, Feb99: 16
 FETs – Triode Replacements?, by E. Lyon, Jan22:13
 Filament continuity testing--warning, Apr89: 5
 Gas in tubes
 Ridding tubes of gas and restoring them, Sep85: 6
 Gassy tubes - checking for, Sep87: 5
 “German” Tubes by Western Electric by L. Sibley, Mar97:12
 Getters - All About Getters, by B. Belanger, MAARC
 Monograph #1, May87; Follow-up info. on early
 getters (L. Peckham), Aug87: 8
 Industrial tubes (4-digit types, by T. Hannah), Apr91: 12
 Information – Useful Tube Information, by J.
 Cross, Dec10:11 and Feb11:8
 The Intermittent, by H. Olson, Mar96:12
 Loctal Tubes
 Unlocking the Loctal Code, by T. Hannah, Nov90: 7;
 corrections Dec90: 12
 Magic Eye Tubes
 6ME5 tube, Sep88: 3
 6X6 tube, Jul02: 19, Jan03:7, May11:9
 Allen B. DuMont—Magic Eyes, CRTs, Oscilloscopes,
 and Television, Feb10:1
 Faint green display/ no display - restoration tip, Nov87: 9
 The Enduring Fascination of Magic Eye Tubes by Davud
 Rossetti, Aug25, p13
 Increasing brightness, Jul97: 15
 The Jim Dandy Eye Tube Checker, by Joe Koester and
 Cliff Hensley, Aug16:12
 The Magic Eye tube by B. Belanger, Oct09:10
 Repairing inoperative eye tubes, Jan85: 3
 Replacing 6E5 with 1629, Nov84: 5
 Replacing 6E5 and 6U5, Jun 97: 13
 Restoring Brightness to the 6E5/6U5, Nov12:1;
 Follow-up, Jan13:10
 Solid State magic eye tubes, Apr21:10

Those Cool and Limpid Green Eyes, Mar88: 12
 Tidbit on 6E5 vs 6U5, Mar93: 7
 True Green Light for the 1629 Eye Tube,
 by C. Scarborough, Dec01:11
 The Unblinking Eye, Apr92: 13
 Wide-Shadow-Angle Tuning Indicator Tubes, by
 E. Lyon, Jan03: 7
 The Wide Shadow-Angle Mystery—Solved!, by
 E. Lyon, May11:9
 Magnetron Tubes
 The Magnetron Controversy – Updated, by E.
 Lyon, May19:6
 Magnatron brand tubes - ad reproduction, Feb92: 17
 The General Electric Magnetrons, by E. Lyon, May14:1
 Majestic tubes, Jul95:8
 Making tubes at home, Jun08:14
 Manufacturers' codes, Aug93:10; May06:11
 "M-R" Designation, Aug91: 11; Oct91: 14; Oct91: 17
 Multigrad tubes and the Depression, Sep85: 4
 The Mystery of the Sound X/TRA Tube, by J. Lowe,
 Jul94: 8
 National Union - history, May88: 6
 Navy receivers - tubes used in early Navy
 receivers, Feb92: 1
 Neon TV glow tubes
 Amglo tubes, Jul03: 10
 RCA's TV Glow Tube, by L. Sibley, Apr03: 14
 New tube book available, Jun99:16
 Nuvisitors - Swan Song of the Vacuum Tube, May88: 19
 Follow up, Jul96:11; Oct96:16
 Obscure Television Tubes from 1938: The Monotron
 and the Phasmajector, by B. Belanger, Dec07:11
 Picture Tubes
 Dealing with Picture Tubes, by T. Houghtaling, Aug04: 4
 Push-Pull Pioneers, by E. Lyon, Jan19:1
 Putting Therms in Thermionic Cathodes, by E. Lyon,
 Sep13, p. 9.
 Radioactive Isotopes in Tubes, Nov89: 3
 Rauland, Zenith, and Tubes, by L. Silbley, Oct04: 1
 RCA - development of Radiotrons, Aug85: 5
 RCA's Special Red Tubes, by B. Belanger, Aug12:9
 Reading faint tube number markings, May88: 26, Feb11:10
 Rectifier tubes
 A Plug-in Module with Time Delay and Soft Start to
 Replace Rectifier Tubes, by L. Greenough, Jun 03: 11
 Rejuvenation of weak tubes, Jul85: 13, reprinted,
 Aug96:9, Feb07:11
 The Rod-Element Vacuum Tubes, by E. Lyon, May11:1
 Secondary emission: Beams of Electrons, by E. Lyon
 May09:11
 Shielding metal tubes in Philco & Zenith sets, May87: 17
 Shields, tube, Sep98:12
 Sodian tube - See Sodian
 Sparton tubes - technical data, Jan88: 6
 Solid-State Replacement for Early Valves, Jun15:8
 Substandard tubes produced during WWII, Oct84: 3
Substitution of tubes:
 27, 37, 77, and 78, Jan86: 8
 45, Oct91: 3; Dec91: 8; Jan92: 7
 Four-digit industrial types for regular tubes, Apr91: 12
 Interchangeable types, Feb91: 7
 Making Do in World War II, by T. Hannah, Jun95:10

Military VT type vs commercial types, May87: 7
 A Plug-in Module with Time Delay and Soft Start to
 Replace Rectifier Tubes, by L. Greenough, Jun 03: 11
 Power FET Replacements for Antique Radio Tubes, by
 D. Wilson, Apr92: 1; Update Aug92: 1
 Radio Dealers and Service Shops During World War II, by
 B. Belanger, Dec03: 1; follow-up, Feb04: 17
 Sousa's Dual-Control Pentodes, Jan11:1
 Substituting for Hard-to-find Tubes and a Radio that
 Used Substitutes from the Get-go, by E. Lyon, Jul02: 15
 Transistors for tubes - Play it Again, Sam-IV,
 by N. Greenough, May89: 7
 Tube Substitution Hints, May92: 5
 TCA Announces New (Old) Book, Dec05:9
Testing Tubes and Tube Testers
 The Challenge of Testing Vacuum Tubes, by
 P. Hart, Apr14:1, Part 2, Apr15:1
 David and Goliath: The Military TV-4(*)/U and
 TV-7(*)/U Tube Testers, by Bob Schmitz, Nov23:1
 Heathkit TT-1A Mutual Conductance Tube Tester
 Restoration, by R. Eisenbrey, Aug12:1
 The Hickok Transconductance Tube Tester
 Circuits, Jul15:1
 How Good is Your Tube Tester?, by
 Brian Belanger, Aug17:13
 More on Testing Tubes in Bulk, by S. Fick, Oct93:13
 Navy Tube Testers, by Dave Rossetti, Apr25:6
 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
 Testing Tubes that Aren't on the Hickok Roll Chart,
 May97: 8
 Testing Type 26 Tubes on a TV-7 Tube Tester,
 by Paul Hart, Dec17:6
 Testing WD-11 Tubes, Apr97:16
 Transmitting tubes website, Jun02: 13
 Tube Tester Topics, by A. Douglas; Part 1, Sep95:1;
 Part 2, Oct95:1; erratum on Part 2, Nov95:6; Part 3,
 Nov95:6; Part 4, Mar96:7; Part 5, Jul96:6; Part 6,
 Nov96:12; Part 7, May97: 6, Part 8, Jul97: 8
 Tube Tester Topics Part 1: Emission and Shorts, by
 M. Higgins, Oct14:13; To Bogey or not to
 Bogey, Jan14:13
 Tubes not to test: Tidbits Dec18:10
 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;
 correction: Jul98:15
 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
 Triode tubes as rectifiers, Aug93:16
 Tube Amplifier Distortion, by J. Reid, Sep94:1
 Tube Collectors Association

Aug02: 13, Jun03: 8
 Tube Lore: 100-mA AC-DC Tubes, by L. Sibley, Jan96:1
 Tube Lore: Identifying Metal Types, by L. Sibley, Jun98:3
 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, May 97: 11
 Tube Manufacturing at Tung-Sol in the 1950s, by S. Kalista, Aug94:9
 Tubes vs. Transistors, by B. Belanger, Sep93:3
 Tubes vs. Transistors-Redux, by R. Warren, Sep93:4
 Tubes vs. Transistors, Tidbit, Aug03: 13; Jul2:11
 Tube Tester Basics, by B. Belanger, Dec13:9
 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
 Where are all those tubes going? (Japanese buyers), Feb85: 4
 Wunderlich Tubes - See separate listing under W

Tungar Bulbs - Ad reproduction, Feb97:13

Tung-Sol
 Tube Manufacturing at Tung-Sol in the 1950s, by S. Kalista, Aug94:9

Tuning and Tuning Aid Devices
 (See also magic eye tubes)
 Evolution of tuning schemes, May87: 15
 Rarely Encountered Tuning Aids, Dec16:11
 Tune-A-Lite tidbit, Apr06:14

Turn-it Variable Grid Leak Resistor
 Ad Reproduction, Mar88: 13

Turntables – See Phonographs

UHF (Ultra-high Frequencies)
 The Military Struggles to Higher Frequencies, by E. Lyon, Nov14:1

Uniact
 The Plymouth Radio and Phonograph Co., by G. Hunolt, Dec10:1

Ultradyn
 Ad reproduction, Jun01:13
 Superheterodynes—The French Connection, by E. Lyon, Jul13:12

United Reproducers
 Cavac and Courier with Kyelectron, by H. Trolander, Jun98:11

United States National Marconi Museum, (Bedford, NH)
 Oct04: 11

Utah
 Ad Reproductions:
 Horn speaker, Feb85: 3;
 Super-Flex Speaker, Dec90: 19

Vacuum tubes - See "Tubes"

Vaic Valve Italia
 Vacuum Tube Manufacturing Returns, by B. Belanger,

Jul94:10

Valentines (Radio valentines)
 Images, Feb13:3

Van Dyck, Arthur, Tidbit, Jan05: 10, Mar05: 10, 12

Varioloop - Ad Reproduction - loop antenna, Jan88: 5

Varistors
 Things that Rhyme With Resistors, by Ed Lyon, May16:12

Vassilatos, Gerry
 The Well-Grounded Radio Conspiracy, \ by Ed Lyon, May17:9

Vaughan, Bruce
 The First Radio in Springdale, Apr12:14

Veneer and Wood
 Cabinet Refinishing Tips, by B. Belanger, Jun92: 7
 Filed Stripping of Old Veneer at Kutztown, by D. Sanchez, Jun22:11
 Fear of Veneer - Part 1, by J. Koester, Aug89: 14
 Regluing veneer - restoration tip, Nov87: 6
 Repairing Veneer Damage, by E. Stenberg, Oct04: 6
 Restoration tips - Apr89: 5
 Source of veneer and cabinet restoration supplies, Jan85: 3; Apr89: 5

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

Vibrators
 Vibrator Replacements, Dec17:5

Victor Company
 History & purchase, by RCA - Hist. note, by Ed Lyon, Mar85: 3
 The Last Victor Custom Radio/Phonograph Made by the Victor Talking Machine Company?, by Donald Cochrane, Apr18:11
 Model RE-45 service hint, Sep04: 10
 Radio Adventures of Victor - Hist. note, by Ed Lyon, Apr86: 4; May86: 4; Jun86: 4
 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 Connecticut, Inc., Oct04: 12

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

VLF (very low frequency) radio
 Tidbit, Mar05: 11

VM – See Voice of Music

Voice of America
 Tidbit, Sep17:8
 Voice of America [and Gray] Museum (Bethany, OH), Oct04: 12

Voice of Music
 When One Tube is Not Enough, (safety problem in Model 121 record player), by E. Lyon, Sep10:13

Volksempfänger (Nazi "People's radio")
 The Legend of the Volksempfänger, Sep18:1
 People's Radio (Volksempfänger), Nov14:13

Volt-ohmmeters - See Multimeters

Voltage Divider Data, Jun89: 15

Volume Control

Hints for replacement, Dec12:14

Noisy volume controls, Apr19:14

Volume Control in Three-Dialers, by E. Lyon, Nov97: 7

Volume controls with tone taps in Zeniths,
by Ed Lyon, Nov17:9

Volume Expanders

The Crosley Auto Expressionator and Phantom Conductor,
by B. Belanger, Jan98:10; Follow-up: Apr98:6, Aug03: 13

von Handel, Paul

HRO versus HRO, by Ed Lyon, Sep13:1

Voxson

The Voxson "Harvey" Three-way Portable--Well,
Almost, by E. Lyon, May02: 1

Wadley Loop

A Wadley Loop Receiver – The Racal RA-17, by E. Lyon,
Jan99:1; Tidbit, Nov15:12

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

Walker, David

More on Substitutes for Type 45 Tubes, Jan92: 7

Walkie-Talkies

Walkie -Talkies, and Then Some..., by E. Lyon, Jul2:1

Wallace, Rusty

Refurbishing "The Invisible Radio with the Phantom Dial,"
Jun04: 1

Walsco

Ad reproduction, cabinet patching kit, Jun02: 15

War

See other categories, such as World War II, military

War of the Worlds

The Great Radio Panic of 1938 by P. Everett, Mar97:9

Ware

The Music Master Radios, by E. Lyon, Jul10:1

Warren, Randolph

The Compleat Homebrewer (loop antenna construction),
Mar93: 4

From the Editor's Desk, Nov94:12

Letter to the Editor, Nov93:9

Letters Patent (high freq. spark xmtr. from 1947), Mar93: 8

Letters Patent (lapel pin designs), Sep94:17

Letters Patent (RCA cigarette lighter), Jan94:8

Letters Patent (RCA Model 100A speaker), Nov92: 12

Notes from the Workshop (cabinet refinishing),
May94:5, Jul94:5, Nov94:6

Repairing Audio Transformers, Nov92: 12

The Torch Passes, Dec94:15 (about his service as
newsletter editor)

Tubes vs. Transistors-Redux, Sep93:4

Washington Post Radio

The Washington Post Radio Set, by J. Koester, Dec22:10;
Follow-up, Feb23:8

Watsontown Table and Furniture Company

Ad reproduction, Oct97: 14

WBAL (Baltimore station)

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

WBAY (NYCiv AT&T station)

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

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

WDAC – Tidbit, Sep05:11

WDAF (Kansas City station)

The Coon-Sanders Nighthawks: A Dance Band Shaped by
Radio, by B. Belanger, Feb00:1

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)

First crystal control, Sep07:10

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

Model 80 wire recorder, Dec05:10

Webster Electric (Racine, WI)

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

Weiss, Irving

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

Wells Gardner Initiative, by T. Kleinschmidt, Aug24: 1

Wells Manufacturing Co.

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

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

WENR (Chicago)

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

Werzner, W. F.

Zenith and Other Time Bombs, Dec18:9

Wesenberg, Ron

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, NV), Dec04:6**Western Radio Manufacturing Co.** - Ad Repro., Sep86: 13**Westinghouse**

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

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-Order Classic: The Westinghouse Aerola 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

Model WR-301, Nov04: 10

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

Type 10 tube, Tidbit, Mar15:8

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)

Oct92: 9, May97: 1, Aug99:5

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

WFGW - Aug02: 14**WGAR (Cleveland)**

Tidbit, May06:11

WGN (Chicago radio station)

Jan92: 5

The Coon-Sanders Nighthawks: A Dance Band Shaped by Radio, by B. Belanger, Feb00:1

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**

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

Trial by Fire (restoring a Wilcox-Gay Model 70), by E. Lyon, Sep03: 6

Willenborg, David

Thoughts On Collecting Early Superheterodyne Receivers, Jun20:1

Williams, Larry

Vexing Problems - With Solutions, Mar94:8

Williams, Ralph - Obituary, Jul02: 17**Williamson Amplifiers**

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

Wilson, Davis

Line voltage reduction, Dec11:14

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

Winterfest

2014 - Nov13:7

Winther-Kenosha

The Winther Brothers' Warwick Radio - on a Roll, by Ed Lyon and Joe Sousa, Jul17:1

Wire

Battery set cable replacement, Nov01:11

Color codes for wires, Jul92: 3

Fungus on wires - removing, Feb85:5

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 Bisaillon, Oct91: 3

Wire Recorders

Wire Recorders, by B. Belanger, Dec05:10
Remembering Magnetic Recording and Radio, Nov19:1

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)

Tidbit, Aug10:8

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

Amelia's Legacy in Radio, Nov03: 6
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

Flexi-unit, Dec04: 9

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

World Radio Laboratories

Ad reproductions:

Globe Chief, etc., Apr07:15

Globe Scout 680, Aug10:15

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

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

Restrictions on servicing, Nov03: 10

Scott Goes to War, by Kent King, Feb25:1

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
QSL Card, Aug99:4

WRC (Washington, DC, radio station)

1923 Ad reproduction, May88: 28
Early Broadcasting in the Washington-Baltimore Corridor,
by E. Lyon, Mar00:6
Photo of early building, May05:10
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)

Former call letters WJSV, Dec93: 6
QSL card. Aug99:3
Station WTOP Wins Historic Status, Dec91: 7

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.
Rhodes, Dec90: 9

WWV (Time signal station)

The Non-stop Signal Generator, by T. Hannah, Oct89: 6

WXYZ

Wixie Wonderland (book review), Feb18:9

Yahr & Lange

The Super-Ball Antenna Company—Part 1, by G.
Hunolt, Jun11:8; Part 2: Aug11:9

Yardley, Herbert

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

Yeaw, Ernest

Canadian achiever, Feb97:15
Collection/museum, Jul88: 17; Jun89: 14

Young, Leo

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

It's In the Bag, Jun02: 14

Young, Tony

Obituary, Feb18:4

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

Stratosphere TV, Jul86: 20

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

Model 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,
Apr03: 11

Quits television business, Jan92: 5

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,
Oct87: 2

Replacements available for pot metal "steering wheel" band-
change knobs, Jan86: 7

Restoring a Zenith 12-S-265, by B. Belanger, Jun10:9,
Follow-up, Aug10:7

Restoring a Zenith 3000-1, by P. Hyman, Aug01:13
 Schematics not available from Zenith for older models,
 Apr85: 6
 Stratosphere, July24:8
 Symbols used for resistance values on older schematics,
 Aug88:13
 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
Zworykin, 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