



# OSCILLATOR

DELAWARE VALLEY HISTORIC RADIO CLUB

The Official Newsletter of the DVHRC

Editor: Ludwell Sibley

Vol. 3 No. 9, October 1995

## THE MONTHLY PREZ

Mike Koste

Ludwell Sibley has outdone himself. In this month's heftiest issue ever, he scoops the industry with an *Oscillator* exclusive: The first auction report from last month's Rochester Meet. You'll also read Jim Troe's analysis of the member questionnaire we distributed a couple of months back, plans for the DVHRC's Fall Swapmeet, and Marsha Simkin's challenging crossword puzzle chronicling 100 years of radio. But first . . .

We've reached a major milestone in the history of this organization. Last month saw the arrival of Michael Tannenbaum: *DVHRC's 150th member*. I had the opportunity to speak with Mike at length about his collecting interests. To acquaint you better with him and the business he's in, we'll feature that interview next month, in the first in a series of "Collector Profiles."

November 2 marks the 75th anniversary of Pittsburgh's KDKA sign-on. In commemoration, broadcast businessman Eric Rhoads is asking all of America to turn off their TVs, unplug their CD players and stop surfing the Internet for the day and "Tune in For 24" (hours). Rhoads, by the way, is publisher of the trade magazine *Radio Ink* and author of the new book *A Blast From the Past: A Pictorial History of Radio's First 75 Years*.

Speaking of which, Philadelphia's KYW marked 30 years of "All News, All the Time" with an on-air retrospective of September 21. Okay, trivialists: Can anybody remember the name of the last record played on KYW before the switch? Well, if you were tuned to 1060 just before noon that day back in '65, you'd have heard DJ Wee Willie Weber play "On a Wonderful Day Like Today." (No wonder they changed formats!)

Finally, if you've ever considered broadening your horizon into the realm of collecting transistor radios, you'll want to be at the October 10 meeting. Using prime specimens from his extensive cache, Bill Overbeck will offer an informative presentation on how to get started, which sets to watch out for, and what makes them valuable. Of course, you're welcome to bring in transistors of your own to "Show & Tell." Hope you can join us!

## AROUND THE DIAL . . . AND BEYOND (Part 2)

Mike Koste

Later this month, WJDM in Elizabeth, NJ, will become the first U. S. station to move to the newly expanded AM band. As reported in the December, 1994, *Oscillator*, this 500-watt daytimer at 1530 kHz will move to 1660 kHz at 10 kW.

According to a recent article in *Radio World*, since Elizabeth is the largest city in the country without its own nighttime radio service, then-President Bush directed WJDM be put at the top of the list of stations requesting new spectrum space.

General Manager John Quinn would not reveal how WJDM would alert listeners to the change, only that it would probably involve some sort of on-air promotion. To ease confusion, stations moving up the dial will be allowed to broadcast on both their old and new frequencies for up to five years.

To what degree WJDM's signal will improve is still open to debate. Quinn said that in a demonstration at last spring's National Association of Broadcasters show in Las Vegas, a similar signal could be heard "crystal clear" 120 miles away during the day, and as far away as Chicago and New York at night.

### UPCOMING MEETINGS

Tuesday, Oct. 10 and Nov. 14, 7:30 PM, at North Penn Amusements, 113 Main St. (PA Rte. 113), Souderton.

### JOINING THE CLUB

Just send \$10 to DVHRC, Box 41031, Philadelphia, PA 19127-0031.

### ADS & SUCH

Please send ads, articles, etc., to Ludwell Sibley, 44 E. Main St., Flemington, NJ 08822, (908) 782-4894.

For urgent items, we have a fax machine on this same number.

## ON THE HORIZON

Oct. 7	NJARC meet, Hightstown
Oct. 8	MAARC Picnic
Oct. 7-8	Ford Museum auction, Dearborn MI (preview, Oct. 6).
Oct. 21	HARPS *Old Time Radio & Phono Show, Highland Falls, NY (see below) Museum of Radio & Technology, Inc. meet/auction, Huntington, WV (see below)
Oct. 29	Penn Wireless Assn. "Tradefest," Bucks County Community College, Newtown
Nov. 18	DVHRC Fall Swapmeet, Souderton; also, Radio Auction, Belleplain, NJ (details next month)

### HIGHTSTOWN MEET, OCT. 7

The New Jersey Antique Radio Club will hold its next event - an all-outdoors flea market - at Hightstown on Saturday, Oct. 7. The site is at Exit 8 of the NJ Turnpike, just off NJ Route 33. From the Turnpike, go east on Rte. 33 about 200 yards, past "Mom's Peppermill" restaurant; continue ¼ mile to the first jughandle, and come back west. At the first traffic light, bear right onto Monmouth St., then 300 yards to the "Hightstown Country Club" on the left. Rates: sellers, \$15 per table (\$3 discount to NJARC members); parking, \$2 per car. Food and beverages available. Contact for info and table reservations: Onalee Fisher, (908) 725-7476.

### MAARC PICNIC, OCT. 8

The Mid-Atlantic club will hold its annual picnic-swapmeet-auction on Sunday the 8th. Location this year is the Arcadia Fairgrounds in Arcadia, MD, starting at 10 AM. (See the Sept. issue of *Radio Age*, p. 8, for full details.) Besides tailgating, there will be a large lunch and afternoon auction. This event is traditionally lots of fun, as DVHRCers who attended last year will agree.

### HUDSON VALLEY MEET, OCT. 21

The sixth annual "Old Time Radio & Phonograph Show" will be held Saturday, Oct. 21, 9 AM - 3 PM, at a new and larger all-indoors location: the Church of the Sacred Heart, Main St., Highland Falls, NY. It's within walking distance of the U. S. Military Academy and Hotel Thayer at West Point. Admission is \$2. The focus is radios & phonos, advertising, parts, manuals and books, 78s and cylinders, and related collectibles. Sponsor is the Hudson Valley Antique Radio & Phonograph Society. Contact: Gramm-O-Phone Antiques, 914-427-2602.

### WEST VIRGINIA MEET/AUCTION, OCT. 21

For the travel-oriented, the Museum of Radio & Technology will present a flea market, museum tours, and an auction at their site at 1640 Florence Ave., Huntington, WV. This is the "core group" of the old ARCA, still active and offering - by all accounts - a rather impressive radio museum under continuing development in their own converted schoolhouse. "Beyond radio," there will be featured displays of A. C. Gilbert "Hall of Science" products: Erector sets, microscope kits, chemistry sets, American Flyer trains, etc. The museum will open at 7:30 AM; flea market at 8:00; lunch, 11:30; auction, 12:30 PM. Contact: Geoff Bourne, (304) 722-4690; the museum is on (304) 525-8890.

### DVHRC SWAPMEET, NOV. 18

The Third Annual DVHRC Fall Swapmeet is slated for Saturday, November 18, from 8 AM until 1 PM, behind North Penn Amusements, 117 Main St. (Rte. 113), in Souderton, PA. Unlike most of our past events, this is a "no frills" affair: tailgating-only; no contest, raffle, admission or parking donation . . . just plenty of your fellow enthusiasts offering a myriad of old radios, parts, tubes, paper and related miscellany.

Following the swapmeet, we'll conduct a walk-around auction where sellers can put their unwanted items up for bid. A one-dollar buyer's premium per item will be charged to benefit the club treasury.

Space in the parking lot is very limited, so only sellers' vehicles will be allowed in. Public parking is available in the municipal lot behind the pizza shop across the street. Vendor spaces are only \$5 (\$8 on the day of the event), or \$2 more if you require electricity . . . but don't count on "day-of" spaces to be available. Make your reservations now by calling Dave Abramson at (610) 827-9757.

The DVHRC Fall Meet is customarily the final event of the East Coast antique radio season, so we're expecting an excellent turnout. Watch for ads in *Oscillator*, *A. R. C.*, and *The Philadelphia Inquirer/Daily News*.

### MEET REPORT - ROCHESTER

The Antique Wireless Association held its annual event at Rochester (Henrietta) on Sept. 6-9 - this year celebrating Marconi and his 1895 development of a workable wireless system. Notable this year was a massive display of Marconiana (papers, photos, wireless equipment) organized by Jim and Felicia Kreuzer. The inventor's daughter, Gioia Marconi Braga, appeared as guest speaker.

The usual DVHRC and NJARC stalwarts appeared at the talks and in the flea market. One flea-market vendor who set up for three days reported sales volume (dollar-wise) of almost exactly 50% on Wednesday, 33% on Thursday, and 17% on Friday - the latter despite the all-day auction. Saturday had only fitful activity. Weather was good throughout.

Our member Bob Thomas, W3QZO, displayed some fine self-built amateur radio gear from the '50s "classic" period in the equipment contest, winning a blue ribbon in the process. Marsha Simkin of NJARC came up with a far-reaching (and prize-winning) international display of postage stamps dedicated to Marconi and other radio-electronics pioneers. (Bet you didn't know that the Slovak Republic issued a stamp in 1994 honoring Pennsylvania's wireless inventor Fr. Joseph Murgas! His 1939 stamp is a known item, but this was news.)

The auctions on Thursday and Friday contained the usual treasures. See the auction results below.

## SURVEY RESULTS - DVHRC MEETINGS

Adapted from a report by Jim Troe

Relative to the survey, I received 20 responses. Most seem to be from newer collectors who are looking for *stuff* (the auction), *help* (the program part of the meetings), and *information* (the social part of the meetings). However, there were relatively few returns from the old-timers who can provide that help. People who offered to put on programs or tutorial sessions were Bill Overbeck and Lud Sibley.

Looking at the survey, the majority want an auction and a program at every meeting, which is what you would expect from newer collectors. Everything on the "program" part of the survey was checked by someone, usually by many. They will accept any type of program from the list! Relative to what is most important at the meetings, the levels of interest were: program, Very high; auction, very high; fellowship, mid- to high; show-and-tell, mid- to low; refreshments, very low; business discussions, not checked by most, to very low.

The majority of the respondents do want a Christmas party, with the type of party typically not checked.

There were a few committee volunteers, but very few.

It looks like the present meeting structure is reasonably close to what people want . . . at least the ones who responded.

*Along this line, Watch for Bill Overbeck's presentation in October and one by Lud Sibley in November - Ed.*

## WANT ADS

Free exposure for your desired or unwanted stuff! Unless requested otherwise, we'll run each ad for two months, and will send ads to the *NJARC News* for double coverage.

**WANTED:** Langevin 128-N rack-mount PA amplifier. Frank Hagenbuch, 1440 Lafayette Parkway, Williamsport, PA 17701, (717) 326-0932. (10/11-95)

**FOR SALE:** Triplett Model 4800 4-½ digit multimeter, \$100; RCA *TV Pict-O-Guide*, 1949, excellent condition. Don Rector, (215) 699-8050 after 7 PM. (9/10-95)

**WANTED:** Tabletop, Edison, Victor, and Columbia phonographs. Also all phonograph-related items: records, wax cylinders, needle tins, cutters, dusters, advertising mirrors, original advertising items. Please write or call with description, condition, and your price. Thanks! Bernie Seinberg, 714 Moredon Rd., Meadowbrook, PA 19046-1907, (215) 886-6124. (10/11-95)

**FOR SALE:** RCA WO-56A 7" scope with manual. All components are OK, except power transformer has a shorted turn and overheats after a few minutes. If you can get a transformer, it's a good scope. Make offer. Alton A. DuBois, Jr., 67 Peggy Ann Rd., Queensbury, NY 12804, (518) 792-3130. (9/10-95)

**WANTED:** Desperately seeking a clean pressing of the Fats Waller 78-RPM record "Louisiana Fairytale" on RCA Victor. Will pay a fair price or consider trade for 1920s vintage "race" or spoken-word records. Mike Koste, (215) 646-6488. (2-95)

**WANTED:** Col-R-Tel TV color wheel, or similar, from the mid-'50s. Dave Abramson, 1649 Yellow Springs Rd., Chester Springs, PA 19425, (610) 827-9757. (10/11-95)

**WANTED:** AK 275 receiver in good condition. Bob Messerschmidt, 764 Backhus Estate Rd., Glen Gardner, NJ 08826-2205, (908) 832-6976, 8-11 PM. (10/11-95)

## READER COMMENTS

Alton DuBois, Jr.

Hey! You never know what you'll find when you snoop in an old antique shop . . . like Mike Koste's "Crisco Kid" in the last issue.

I ran across an original copy of S. Gernsbach's Radio Encyclopedia, published in 1927, with an autograph thanking A. W. Sanderson for his help in technical data. The binding is a little rough but the pages are all in good shape. I played quiet, said "I have only \$12 on me," and started for the door. He said "OK, take it for \$12." I told myself "Be quiet my heart!," waltzed out the door, and got in my car.

# RADIO ANNIVERSARY PUZZLE

Marsha Simkin

To celebrate the 100th anniversary of wireless/radio, the puzzle on the next page will exercise the ol' sense of history. Answers in next month's *Oscillator*.

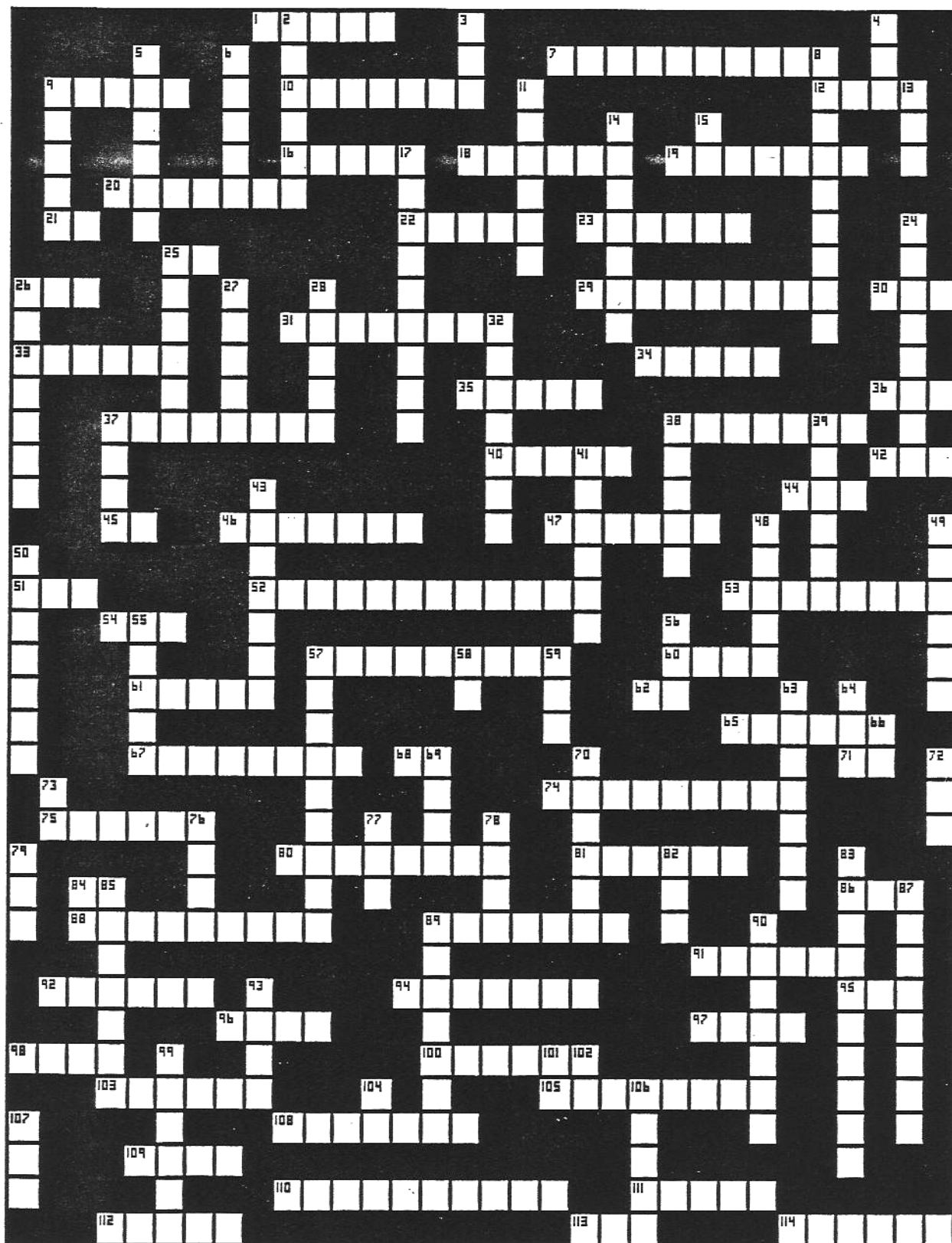
## ACROSS

NUMBER	CLUE
1	Russian radio pioneer
7	Transmitted electromagnetic waves through pipes
9	Shared Nobel Prize with Marconi
10	Marconi's yacht
12	Defunct antique radio club(init)
16	Electrical genius and coil inventor
18	Wrote "Practical Wireless Telegraphy"
19	Discovered current electricity created magnetic field
20	Italian developer of theory of animal electricity
21	Initials of 46 Across
22	Inventor of magnetic telegraph
23	Held patent for aerial telegraphy
25	Initials of 67 Across
26	British communications network
29	Canadian-born radio pioneer
30	Interference (Q-Signal)
31	Invented "audion"
33	Publisher of ARC
34	gap
35	BRITISH physicist and thinker
36	Title of 46 Across(abbr)
37	Developed theory of _____-Heaviside layer
38	Harnessed electric arc to wireless
40	German contemporary of Marconi
42	Radio publication
44	Radio Corporation of America (init)
45	Initials of 91 Across*
46	Founder of 44 Across
47	Motorola founder
51	Not the Blue but the _____ Network
52	Translated Faraday's work into math expressions
53	Famous for fancy tubes
54	Unit of electrical measurement
57	Chief engineer for United Wireless
60	WD11 is one kind
61	Italian scientist and teacher
62	Initials of 75 Across
65	Induction telegraph pioneer
67	RCA TV pioneer
68	Renown upstate NY collector(init)
71	Trucker's radio
74	Editor of radio magazines
75	Pittsburgh radio man
80	RCA engineer
81	Italian telephone pioneer
84	Initials of 88 Across
86	Unit of electrical measurement
88	Hertz's professor
89	Wrote "The Wireless Man"
91	Light bulb inventor
92	Wrote "Boy's First Book of Radio"
94	Developed first electrical motor
95	Distress signal
96	What Tesla is known for
97	Nickname of 57 Down
98	Associate of Morse
100	Telegraph system
103	Had early NJ TV lab
105	GE research scientist
108	Utilized Edison's effect in a rectifier
109	Marconi's assistant
110	German radio company
111	Radio manufacturer
112	Known for Atlantic Cable
113	Sear's Chicago radio station
114	Title of William Thomson, Lord _____

## DOWN

NUMBER	CLUE
2	Italian professor who studied coherence
3	Initials of 17 Down
4	Radio network
5	Wrote "Radio's 100 Men of Science"
6	Invented the battery
8	Invented neodymium
9	Scottish TV pioneer
11	Author of "Big Business & Radio"
13	Top antique radio organization(init)
14	Invented cathode-ray tube
15	Took over RCA(init)
17	Inventor of FM
24	Old name for radio
25	Chief engineer for Marconi Co
26	Power source
27	Experimented with wireless tuners
28	Discovered self induction
32	Lord Kelvin
37	Atwater
38	Wrote "From Immigrant to Inventor"
39	British radio physicist
41	Invented coherer
43	Italian radio inventor
48	Radio manufacturer
49	Slovakian radio pioneer
50	Cincinnati radio mogul
55	Demonstrated existence of electric waves
56	I have a message for you ((Q-Signal)
57	GE electrical wizard
58	Alternating current(abbr)
59	Title of 49 Down(abbr)
63	American TV pioneer
64	Government communication agency
66	Initials of 41 Down
69	Pioneer radio station
70	Wrote radio engineering books
72	Reception acknowledgement (Q-Signal)
73	Direct current(abbrev)
76	Dot and _____
77	Telegraph instrument
78	Telephone inventor
79	Come, Quick, Danger"(code)
82	Network
83	TV pioneer
84	Initials of 55 Down
85	California radio pioneer
87	Wrote early book on electric telegraph
89	Wrote Radio Boys' books
90	Introduced crystal detectors
93	Electrical unit
99	Early pioneer in electricity & magnetism
101	Initials of 105 Across
102	Initials of FM inventor
104	Armstrong's invention(init)
106	Founded German math theory of electricity
107	Very High Frequency (abbr)

# Radio Anniversary Puzzle



Marsha Simkin  
1995

# AUCTION HIGHLIGHTS, AWA ROCHESTER, 1995

Ludwell Sibley

As in past years, Ed Gable, K2MP, ran his specialty communications-equipment auction on Thursday. The trend of previous sales (good-quality equipment at prices reflecting that quality) continued this time. A rare National HFC converter was perhaps the scarcest item on sale.

Walt Buffinton sold the goods in the Friday auctions (tubes, literature, and general). Friday's equipment was in good-or-better condition. It featured a rare Crosley Reado home facsimile recorder, a relic of the newspaper-by-radio tests of the late '30s. A Federal "Pleio- phone" horn speaker ("not in Floyd Paul's book") set a probable galactic record for a horn, at \$1200. A Signal Corps Model 1917 inductive telegraph set made by the L. S. Brach Co., in VG shape, drew a whopping \$2500. A Japanese one-tube field transmitter from WW II took \$540.

Abbreviations used herein are: **BBT** - brass-based and tipped (tubes); **Book** - original manual; **COB** - xerocopy of manual; **CRT** - cathode-ray tube; **NIB** - new in box; **NT** - no tubes; **PS** - power supply; **VG** - very good; **W** - Westinghouse. Fractional prices are rounded to the nearest dollar.



## COMMUNICATIONS EQUIPMENT

*(A couple of "communications" items that appeared in the Friday main auction are listed here, designated with "\*\*.")*

Ameco TX-62 6/2-m transceiver, exc..	30	
Canadian Marconi LFR-2SB LF receiver, 6-volt DC, VG *	35	
Collins 75A-3, book, 1 filt., exc.....	275	
Detrola 438 beacon receiver, civilian version of BC-1206, VG, PS added	5	
Eico 720, VG.....	30	
GE YRS-1 SSB selector, VG, book.....	17	
<b>Hallicrafters</b>		
FPM-300 transceiver, book, exc. ....	55	
HT-17, meter added.....	75	
HT-32, exc.....	40	
HT-40, good.....	20	
R-46B (2)..... VG, clean, 50; grille discolored, repainted, 40		
S-19R, VG but needs dial cord .....	52	
SX-17 w/spkr, VG .....	185	
S-20R (2).....good, 48*; VG, 30 (!)		
SX-25, good.....	82	
SX-28, w/rack cabinet, VG .....	114	
SX-42 w/book, VG.....	200	
S-85, knobs changed, else VG .....	26	
SX-133, exc.....	30	
S-240, exc.....	30	
<b>Hammarlund</b>		
HQ-140X, VG.....	105	
HQ-170, 1 knob changed, crisp, clock face still clear .....	65	
<b>Harvey-Wells Bandmaster Z-match, good.....</b>		65
<b>Heathkit</b>		
DX-40 .....	30	
DX-60 w/VFO, VG.....	30	
DX-60B, VG, book.....	35	
HD-10 keyer/paddle, VG * .....	20	
HR-10B, VG .....	32	
HR-20 & HX-20, books, exc.....	52	
QF-1 Q-multiplier (3), VG/exc. ....	3, 4, 4	
SB-301/401 xmtr-rcvr combo, mic,		

spkr, cables, exc.....	100
SB-630 accessory phone patch/SWR bridge/clock, VG.....	16
Home-built 6V6 40-m CW xmtr, exc. ...	70
Homebuilt AM mobile transmitter, HY-69 finals, w/dynamotor .....	2
Howard 430, no dial glass, else VG....	50
Link UF-11 mobile FM receiver, good ..	5
<b>National</b>	
FB-7, less dial & coil sockets, good stuff otherwise.....	80
HFC 5/10-meter converter, exc. ....	325
HFS, later version, w/coils, no PS, scruffy .....	33
HFS, w/coils, orig. carton, 6-V vibrator PS, "mint" .....	270
HRO coilsets (3) w/ storage box, postwar, VG .....	45
NC-46, dial glass bad, else VG.....	28
NC-270, fair/rusty.....	20
SW-54, exc., book .....	26
7100 doghouse B-supply, NT, good	40
<b>Realistic</b>	
DX-150A, VG, one knob bad.....	23
DX-160 w/spkr, exc.....	48
TRC-6 tube CB, exc.....	10
Swan 600R, w/spkr, less cover, knobs changed.....	25
Western Electric police-car radio: 18A xmtr (NT) and 18B rcvr, VG.....	39
WRL Globe Scout Deluxe, book, VG..	50

## MILITARY/NAVAL

AN/ARC-5 receivers (4), 3 conv.....	15
AN/ARC-5 transmitter, 7-9.1 MHz, less cover, COB.....	14
ATB xmtr, spare-parts box for.....	5
BC-348, lightly conv., clean .....	36
BC-348P, meter added, mod. to dual conversion .....	42
BC-454B, converted, w/dynamotor ....	27
BC-455, converted, w/dynamotor, less top cover.....	21
BC-457, coil window changed, key jack	

added, less top covers.....	10	
BC-778 Gibson Girl, no access., VG *	55	
BC-1004C w/PS, good, less nameplate	50	
<b>Japanese Mark 32 field transmitter, canvas-cased version, w/ UZ-12C tube &amp; crystal, less charts, good * .....</b>		540
R-266A/URR-13A UHF receiver, Federal Tel. & Radio, VG.....	10	
RBO-2, Scott, repainted in "zolutone," fair, less shock mount .....	30	
RBS-2 receiver, modified, w/homebuilt PS, good * .....	110	
RDR UHF receiver by RCA, VG .....	5	
RT-67/GRC transceiver & PP-112/GR PS, fair.....	32	
TA-12G, Bendix, exc., w/carton and shock mount, book .....	185	
TCS-9 transmitter, COL-52245, VG, w/shock mount, exc. ....	35	
TCS-12 transmitter, COL-52245, scruffy, less shock mount .....	24	
TG-34A code-practice keyer, exc., no tapes .....	5	

## TUBES

*This year's auction included material from a large estate, including numerous box lots incorporating W. E. tennis-bulb tubes. For the first time in memory, no spherical Audion was offered.*

199s: 2 good, 2 dud, incl. Van Dyke..	20
2A3s, good (12); 4 in CeCo boxes ...	180
2A3s, good, in boxes (12).....	130
Airline 201As, gold-globe, NIB (2) .....	90
<b>Arcturus blue</b>	
47/PZ globe & 59 ST-bulb, good .....	45
RD-1 Sonora, NIB, nice .....	55
Lot of nine (8 good).....	75
Wunderlich, good, (2), one w/cap.....	100
Audiotron, Cunningham.....	95
Audiotron, tubular, open .....	55
Ballasts, tested/reboxed (40) .....	25

Box lots

"AC" types in nice cartons, unusual brands incl. Rogers, Sparton (16)....80  
 01A, 199, 215, 811, 227 .....33  
 01As, good (45!), 45s (5), blue (5) 320  
 199, 120, 205As, CaCo "K," two RCA photocells, good (15).....180  
 199, 01A, rest AC types (14) .....23  
 199, 216A, odd specials.....110  
 200, WE 216A, 201 in boxes, 11 good 100  
 210s, 27s, 01As, 800, 3B24, 6L6.....25  
 24s, good, etc. (27) in crisp boxes ..95  
 27, 45 (8).....9  
 47s, 199s, tubular Audiotron (good) 250  
 802, 26, 71 (18 total), good.....30  
 8020, 5R4, 829, etc. ....10  
 Daven MU-20, De Forest DV-2, RCA UV-199 (all 3 open), 1 foreign, 9 others 60  
 Osram, etc., good.....120  
 Power tubes - 45, 47 (7 total), weak ..5  
 QRS dud, Myers dud, BBT 01A good 48  
 S-bulb battery duds (20) .....20  
 Transmitting: 8013, 815, 615 NIB (9) 10  
 Transmitting: 807, 1B24, W KU-series thyratron, etc. (13) .....10  
 VT-2 good, 216As (2 good), De Forest DL-14, W KX-642; rest mostly duds (20).....250  
 Western Electric 101D, 102F, & 104D; GE CG-1162; Ediswan Type C, open (rest good); many NIB (16 total) ..1050  
 Cartons, 10 Transvision .....5  
 Crookes CRT, repro, Maitese Cross target on stand.....210  
 Crookes CRT, repro, vertical style, on stand .....200  
 De Forest DV-3s, open (3) .....20  
 Electrad Diode, open, w/box.....70  
 Electrons Inc. 6CF, good.....5  
 GE TB-1 (3), UV-202, good.....38  
 GE TB-1 and two tipped light bulbs...35  
 GEC KT88s in boxes (3) & 45.....350  
 Japanese UV-814, screw-on-top variant, open .....65  
 Kellogg 401s (2) .....48  
 Bulk lots, raw  
 Big-pin & octal, 1.5 cu. ft. ....45  
 Big-pin, "150" (more like 40).....60  
 Loktals, 100.....25  
 Miniatures, attache case full.....5  
 Miniatures, 250.....18  
 Miniatures, 500.....10  
 Octals, 120.....28  
 Octals, 180.....20  
 Octals, metal, 150 incl. one "MG".....25  
 Moorhead VT & De Forest 20, dud....65  
 Mullard, unident. '20s, big orig. box ...18  
 Northern Electric 221D, DX-235, in crisp

orig. boxes .....23  
 Octals, 96 tested/reboxed .....28  
 Osram V-24 in display frame.....75  
 QRS Red-Top w/boxes (4), nice .....200  
 Raytheon Kino-Lamp.....130  
 RCA  
 "Original Nine" metal octals on display stand, w/copy of promo book.....55  
 RCA - De Forest 203A .....10  
 199s, good (2) .....23  
 203As, (2) new in sharp "world" boxes 80  
 811s in boxes, good (2) .....20  
 UV-200 & -201, boxes, good.....55  
 UV-202, NIB, crisp .....25  
 UV-207, "unknown" cond. ....70  
 UV-849 .....20  
 UX-120s, good (2) .....25  
 UX-199, good, in plug-in shock-mount adapter .....15  
 UX-204A, mounted w/socket .....30  
 UX-852, good.....5  
 Spectrum-glow tubes: O<sub>2</sub>, He, Ne, etc. (5) & WE 216A .....100  
 Sylvania 6SQ7, odd round-top metal ...5  
 Telefunken RS-214 on base .....100  
 Telefunken RXV-275A, display stand.80  
 TV neon like Vis-Ion 601, arbor broken 65  
 Weagant Valve, open .....150  
 Western Electric  
 102F (2), 216A, VT-1, good.....190  
 205D .....70  
 216A (3).....210  
 216A, good .....35  
 216As, one VT-1, good .....110  
 224A CRT .....260  
 264C, good.....10  
 CW-105 ballast.....38  
 Photocells, 2A (4) and 9B (1).....38  
 VT-1, NIB, good, w/tips .....75  
 VT-2, good.....43  
 Westinghouse WR-21 Aeriotron, OK ..70

LITERATURE BOOKS

ARRL Handbooks, '50s-'60s (4), VG ..15  
 AT&T Telephone Almanac, 1933 .....20  
 Audels Radioman's Guide, VG .....9  
 Box lots  
 ARRL Handbook, Rider Osc. at Work, Jones 1937 Radio Handbook .....35  
 Diesel Plants, eng. texts, misc. ....10  
 Radio Operator's Q & A, Understanding Radio, eng. texts, etc.....15  
 Radio Broadcast, etc.....50  
 Radio engineering texts.....7  
 Rider, Robison, Radiotron Designer's Handbook, etc. ....55  
 Sams transistor manuals & Sylvania TV servicing, modern softcover.....16  
 Catalog, "Modern Radio," Continental Radio Corp., 1922, VG .....40

Catalog, "Radio Apparatus for Amateur & Experimental Use," RCA, ca. 1921, exc.....85  
 Citizens Radio Callbook, 1926, good.15  
 Emile Berliner - Maker of the Microphone, 1926.....40  
 Letter, Maria Cristina Marconi to Taylor at Rocky Point, "facsimile" (xerocopy?) 30  
 Lot: Short Wave Craft, Zenith Crosley 51 copy, 12 items total .....10  
 Marconi hist. booklet, '90s Brit., VG ...30  
 Marconi, autographed photo, w/ certificate of authenticity.....650  
 Marconi-Victor wireless-telegraph code set, 78-rpm records, good, in box ...70  
 Most Often Needed Radio Diagrams 1926-38, '39, '40, '50, Supreme, VG 13  
 Practical Wireless Telegraphy, Bucher, VG .....20  
 Radio Boys - style books, incl. Tom the Telegrapher (12) .....23  
 Radio Receiving for Beginners, Snodgrass & Camp, 1922, good.....12  
 Raytheon Receiving Tube Handbook, '37; RCA CRTs TS-2, 1 supplement.33  
 RCA service-data "Red Books" '33-'35-'36-'37.....70  
 RCA Radio Service Bulletins, 1948-66, w/indexes .....12  
 Regulations Governing Commerce Between Ship and Shore Stations, Signal Corps, 1914, good.....28  
 Rider on Basic Electricity, 4 good.....5  
 Rider's TV Vols. 1-14 w/index .....38  
 Rider's Vol. 1, fair-good (2) .....35, 38  
 Robison's Manual of Wireless Telegraphy, 1915 ed., good .....28  
 Robison's Manual of Radio Telegraphy and Telephony, 1918 ed., VG .....33  
 Sam's Photofact No. 1 in envelope .....6  
 Textbook on Wireless Telegraphy, Stanley, 1914, VG .....28  
 Thermionic Valve in Radio Telegraphy & Telephony, Fleming, 1924.....38  
 Vacuum Tubes in Wireless Communication, Bucher, good.....20  
 Vogue Picture Disc, 10", one chip .....38  
 Wireless Experimenter's Manual, Bucher, 1920 (2) .....fair, 25; good, 18  
 Wireless Telegraphy, DU-series, '21 ...10  
 Wiretappers, The (novel), good.....35  
 Yearbook of Wireless Telegraphy & Telephony, Marconi, 1916, good.....60  
 PERIODICALS  
 CQ, 1945, 8 issues, good.....43  
 CQ, Vol. 1 No. 1 (Jan. 1945), good ...20  
 Electrician & Mechanic, 1906-07, 13 issues.....45  
 Electronics, 1939, 3 issues .....6  
 Old Timer's Bulletin, 1986-91.....23  
 QST  
 June 1919, midget first post-WW I is-

sue, good.....	70
1925-34, bound, VG.....	60
1922-29, 19 issues; 61 more; good.....	50
1926, five issues.....	25
1942-49 in ARRL binders.....	35
1944 and 1949.....	5
<i>Radio Revuo</i> , 1927 (Esperanto) (2) 5, 13	
<b>PROMO/ADVERTISING ITEMS</b>	
AK "Jolly Dancer" figure, uncut, exc.....	55
Playing cards, Philco "Hi-Hat Club," two decks in box, VG.....	40
<b>Posters</b>	
<i>Detroit News</i> '30s full-page ad for appliances, framed.....	23
<i>Detroit News</i> full-page ad for WWJ-WE-Graybar, framed.....	10
"RCA Radiotrons," 18" x 30", boy on antenna pole, heavily faded.....	75
RCA tube product line ca. 1928, 18" x 30", good.....	90
RCA promo table clock, old logo, VG 50	
RCA wine glasses, monogrammed w/old logo, 6 in RCA box.....	63
<b>Signs</b>	
AK, '20s, repro tin 12" x 10" litho (2).....	20
Eveready Batteries, 10" x 14", '20s, repro, exc.....	20
"Hallicrafters Radio - TV," outdoor plastic, 30" x 40", good.....	43
Hopalong Cassidy tin repro, exc.....	11
Store displays, Crosley	
"Bluebird," "Sweetest Singer of the Air," exc.....	300
"Cardinal," 30" high, VG.....	300
Zenith toy semitruck model, VG.....	35

### GENERAL AMPLIFIERS

Bell 625 PA amp, good, no bottom.....	5
Bogen M-330 PA amp, works, VG.....	18
Western Electric 7A amp, less rheostats & gain knob, NT, fair.....	45
Firth one-tube amp, tube, VG.....	260
Timmons power amp, tube, VG.....	5

### CRYSTAL SETS

BC-14A, De Forest, less coil, tube socket added, good otherwise.....	310
Birmingham Wireless "Leddo," BBC seal, VG.....	300
Brownie No. 2 w/box, exc.....	450
Gecophone No. 1, exc. (2).....	320;
"given by Sir Oliver Lodge to his daughter".....	360
<b>Homebuilt</b>	
Basic, VG.....	50
"Granddaddy" breadboard.....	18
Sloping-front (British?), very nice.....	45
Table case, large.....	30
Philmore pocket radio w/ box, VG.....	75
Pock-ette 1946.....	33
Pony rocket ship germanium, VG.....	23
Remco Radio Science kit, blue, box.....	40
Revophone, refinished, VG.....	450

"Teco" (Telefunken) w/ Telefunken phones, ca. 1926.....	150
Thomson-Houston (BTH), exc.....	450
Unident. (British?) wood-cased commercial, Integra Junior vertical coils, 2 tuning caps.....	250

### KEYS & TELEGRAPH

<b>Box lots</b>	
Relays/sounders (7), one key.....	80
Sounders (2), relays, repeater relay, KOB.....	150
W. U. 16-A polar relay; Canadian National call box, Postal resistor mount, W. E. 525 earphone "Property of AT&T".....	100
Bunnell Morse relay, VG (2).....	30, 43
Bunnell pen register in carry case, VG.....	220
Ericsson 800 Morse register, ca. 1900, brass & beveled glass, COB, spare tape, VG.....	1200
Ericsson 810 key, European style, ca. 1900, VG.....	400
Japanese training key, Euro-style bakelite.....	40
RCAF WW II training key & buzzer set, VG.....	60
Signal Corps Model 1917 inductive field telegraph set (L. S. Brach), VG.....	2500
Sounder, unident., in resonator on swivel stand.....	220

### MICROPHONES

Altec 150A stand condenser, no PS.....	53
RCA 74B, w/o stand or cord.....	140
Toshiba velocity in case, ex-NHK, 1946, cord bad.....	320
Universal double-button carbon, ring-mount, good.....	90

### MISCELLANEOUS

Ampex 600 recorder, works, exc.....	60
Antenna loop, unk. (RCA repro?).....	28
Edison cylinders (17) & spare cans.....	35
Geloso reel-to-reel tape recorder, VG, papers, works.....	20
Majestic Super B power supply, VG.....	30
Navy training kit, model BE-100, '60s vintage.....	18
Play-O-Tone crank port. phono, VG.....	20
RCA memento - 16" CRT faceplate engraved with drawing of Marion, IN tube plant.....	18
Soundscriber dictating machine, good.....	5
TV color wheel, ca. 20", unmounted.....	40
Wimshurst zapper machine, '20s German, 8" w/Leyden jars, works.....	260
<b>RECEIVERS, TUBE BROADCAST</b>	
AC Dayton XL-50, NT, VG.....	30
Admiral portable, VG.....	13
AK 10B breadboard, BBT tubes, tags, VG, w/ AK horn.....	1050
AK 20 big box, tags, NT, VG.....	60
AK 725, painted (factory?), VG.....	53
American Bosch 28, exc.....	70

Amrad single-dial TRF, some tubes, VG.....	35
Box lot: 4 radios - 3 Zenith, 1 Panasonic, good.....	25
Box lot: 5 radios, AC-DC & portable, good, 3 work.....	30
Branston R-47 Hetrola Five, NT, OK.....	130
Clearstone battery set, tubes, VG.....	70
Crosley - De Forest 51, good BBT tubes, exc.....	250
<b>Crosley</b>	
50, VG, BBT tube in unk. cond.....	150
51 portable, NT, good.....	110
51, NT, VG.....	95
5M3 tombstone, VG.....	100
Book-radio, submin-tube, "As You Like It," VG.....	100
Pup, complete, good tube, VG.....	240
Reado 118 fax printer, book, test prints, good.....	270
David Grimes 6D, NT, VG.....	160
David Grimes Baby Grand, VG.....	140
De Forest Canadian Ind. Tel. Co. SC-10, VG.....	475
Delco deluxe portable, VG.....	18
Craftsman, factory-made, NT, VG.....	50
Fada 263, black bakelite, VG.....	110
Federal E-10 Ortho-Sonic w/tubes and packing crate.....	50
Firestone A-366, exc.....	40
Fisher 800-B stereo rcvr, book, VG.....	85
<b>Freed-Eisemann</b>	
Large portable AM-FM, fair.....	10
NR-5 Neutrodyne, NT (2).....good, 55; water-damaged, 25	
NR-6, NT, VG.....	55
GE J-82 cathedral, good.....	390
<b>General Instrument Corp.</b>	
Three-dialer, NT, VG.....	80
Neutrodyne, orig box, tubes, panel ripply.....	230
<b>General Motors Day-Fan 7 TRF, NT, VG</b>	<b>45</b>
Giffillan GN-4, good tubes, exc.....	200
Graybar 300 (Radiola 16), VG.....	50
<b>Grebe</b>	
CR-8, good tube, VG.....	450
MU-1 Synchronphase (pre-chain version), NT.....	100
Synchronphase Seven, VG.....	100
Guild "Country Belle," workingness unk., less shelf, good otherwise.....	10
Hallicrafters 4-band home receiver, '60s, VG.....	23
<b>Home-built</b>	
European two-tuber, Valvo & Novus tubes, VG.....	50
One-tuber, in Radiola 16 case.....	28
Neutrodyne on breadboard, NT.....	40
Regen. two-dialer, tubes OK.....	40
Kennedy Model 6, tubes, panel replaced, VG.....	340
Kodel C-112, tube, paper, VG.....	300



Lafayette Explor-Air w/diagram, VG...	25
Lincoln Radio Corp. fold-up loop w/orig. carton, exc. ....	250
Lyric Mohawk cabinet, no chassis.....	50
Majestic 440 Deco wood tombstone, all-brown version .....	300
Maloney-Lemmon 3-dialer, NT, VG ....	48
Marconiphone M-2 tuner & amp, VG .....	625
McMillan AC one-dialer, VG, tubes.....	85
Mercury Super 10, exc., papers, 215A tubes .....	1100
Michigan	
M-10, NT, VG .....	95
Midget, tube, VG.....	75
MRC-12, NT, VG.....	230
Kennedy 220, tube good, less tickler winding on coil, good.....	280
Neutrowound, blue, 1926, good.....	470
Nordmende Sterling, VG.....	20
Northern Electric 5708 bakelite AC-DC, VG .....	55
Pacific Electric 5-tube AC-DC, All-American Five, unborn kit (2).....	30, 33
Padre (Gilfillan) mantel radio-phonograph, VG .....	210
Pentrola one-tube, tube, VG .....	65
Philco	
28 (or 45?), VG .....	100
37-333 (Canadian) beehive, VG.....	110
49-09, unworking, good .....	20
50 cathedral, VG, works .....	105
55-22, wood, VG.....	45
84 cathedral, works, VG .....	90
90 chassis w/tubes, good.....	43
444 (British) bakelite "People's Set," cloth broken.....	925
Transitone wood AC-DC, good .....	13
Priess Straight Nine, loop antenna, book, VG.....	140
RCA	
56X3, VG.....	20
75X11, good .....	20
Deco wood pushbutton table set, pre-war, needs cord.....	23
Radiola Special, no cabinet .....	170
Radiola III-A, NT, VG.....	75
Radiola V, brown version, top cover & base, tubes, VG.....	475
Radiola 18, fair, NT, no back.....	10
Radiola 20 phono panel, NT, good.....	35
Radiola 20, tubes good, VG.....	190
Radiola 24, w/loop, good, NT.....	190
Radiola 26, NT, VG.....	230
Radiola 44, NT, VG.....	30
Victor 9T246 7" TV set, no pic, VG.....	33
Rogers R-250, tubes, VG .....	270
Scott 800-B tuner & amp, VG, w/kg...110	
Silver-Marshall TRF kit, partly wired, w/papers, VG.....	60
Silvertone	
Radio/phonograph/wire recorder, exc. ....	28
Three-dialer, dud tubes, exc. ....	90

Trans-Oceanic-oid, fair .....	28
Solex model A one-tube, tube, VG .....	250
Sonora (French) rounded Deco bakelite 301A large, VG.....	800
Small, VG .....	900
Telemonic three-dialer, NT, exc. ....	85
Thorola Jr. Isodyne three-dialer, NT, 1 AFT replaced, VG.....	105
Unknown kit 1-tube, NT, no lid, VG .....	45
Western Electric 4-B, good 215A tubes, VG .....	475
US Apex 7 cathedral, works, VG.....	120
Vagabond portable, NT, loop & cover, exc. ....	90
Volksempfänger	
Braun VE301 Dyn, VG .....	260
Lumofon VE301, VG.....	300
Zenith	
6D311, exc. ....	85
6E029, VG.....	43
6S637, exc. ....	75
7S633, one knob off, veneer cracked, good otherwise.....	50
Console chassis, 6-tube black-dial. 25	
Deco bakelite, VG, ca. 1940, clean 100	
Glass-rod set, DC chassis, good... 120	
Trans-Oceanic	
H500, good .....	35
H500, needs dial cord, line cord, otherwise VG .....	43
Y600, book, VG.....	28
Y600, VG .....	35
<b>RECEIVERS, TRANSISTOR</b>	
Bag of four .....	20
Box lot of ten.....	10
Philips-Norelco receiver kit, '60s, unopened, exc. ....	48
Westinghouse (unident.), leather case, plays, VG .....	23
Zenith Royal 500, black w/leather case, unworking, VG.....	60
<b>SPEAKERS &amp; HEADSETS</b>	
Box lot: headsets, head mics, parts ..	15
Headsets, 10 assorted, clean & bagged ..	120
Headsets, RCAF, Brandes Canadian, 1 other (3 total) .....	15
<b>CONES</b>	
Bosch Ambertone, good driver & cone ..	140
Magnavox M-20, no grille, else good ..	23
Philco drum, "original" tapestry, VG..	110
Stromberg-Carlson, repro cone, tall stand, exc.....	160
<b>HORNS</b>	
Amplion 835 petaled, one petal chipped, otherwise VG .....	170
Baldwin, wood-grain composition, 12" bell, exc. ....	220
Federal 401 "Pleiphone" .....	1200
Magnavox R2B, working, fine .....	200
RCA UZ-1325, fair.....	475
Saal composition, VG .....	90

## TESTGEAR

Boonton Univerter (2) and 202B sig. gen, good .....	23
Box lot, meters/galvanometers .....	20
Christie electrical tester, portable.....	10
Ferris 18-C microvolter sig. gen., exc. 10	
Galvanometers	
Cenco vertical boxed style, VG.....	85
L. E. Knott, mirror.....	90
Stolting, in belljar, small compass-style .....	75
General Radio	
3-mH inductors (2) .....	20
Amateur-band wavemeter, 3 coils ...	10
Microphone hummer & variable lab inductor.....	45
Hewlett-Packard 200A oscs. (3), VG.....	5
Hoyt AC-DC meter in case, exc. ....	20
Jewell 199 radio analyzer, some adapters, VG.....	28
Marconi wavemeters, modern, in carrying cases (2), exc. ....	100
Oscilloscopes	
Du Mont 224A, "partial working".....	10
Hickok OS-121C/USM-140, book, VG ..	10
National CRM, VG .....	220
RCA 155-B 3", good .....	30
Pocket-watch meters (6) .....	43
Precision signal tracer, VG.....	11
RCA dummy load & RF wattmeter, WW II.....	10
Sterling tube reactivator, good.....	15
Sterling tube tester - reactivator, VG...13	
<b>WIRELESS/EARLY RADIO GEAR</b>	
Box lot: Clapp-Eastham Blitzen wavemeter, other parts, good.....	190
Box lot: Murdock antenna switch & var. cap.; GR var. cap.; WE ringer box less gongs.....	30
Capacitor, fixed, bakelite mount, E. I. Co. No. 10000.....	40
Capacitors, '20s variable (4) .....	15
Detectors	
Carborundum Stabilizing Unit, VG...45	
Westinghouse DB, VG (two, slightly different).....	425, 500
ESCO motor-generator, 10" long, VG.38	
Paragon RA-10 tuner, exc .....	975
Rotary gap (homebuilt?), small, good30	
Spark coils	
Cenco, 12" overall, VG .....	270
E. I. Co. & Leyden jars (2), VG.....	240
French, good .....	53
Medical, wood-enclosed, exc. ....	50
Spark control panels, E. J. Rose (2), good.....	10
Spark gap, E. I. Co. vertical, VG .....	110
Tuner, long-wave slide, 18", good .....	35
Tuner, vert. coils, British lab-built, VG.28	
Westinghouse RA tuner in DA case, good.....	60