

**All the Electrons that are fit to flow.**



# OSCILLATOR

The Official Newsletter of the DVHRC

Vol. 14, No. 7, August, 2005

## Time for Kutztown...Sign up now

July 2005 Meeting Notes and Minutes by Dave Snellman

**PLEASE NOTE: As July's meeting was our annual tailgate auction, and no formal meeting was held, there are no minutes.**

July's meeting was the annual tailgate auction and was held in the parking lot next to our meeting hall. This year the weather cooperated – no rain and not too hot.

A number of members took the opportunity to clean out stuff to make room for new stuff they'll be purchasing at the upcoming Kutztown meet. The annual tailgate is a very informal walk-around auction. With no commissions collected seller get to "take it all home."

It's hard to believe we are knocking-at-the-door of another Kutztown meet, but we are. September 16 and 17 are the dates. Discussion and plans for the September meet will occur at the August meeting. As



always the club will be asking for your help at the meet. Judging by the turnout for the May meet, this will be another sell-out. If you haven't reserved your table(s) better do so quickly. Contact Reminger's directly for table info.

Not much else to report – normal club business will resume at the August meeting. Hopefully, the heat wave will break!

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### Next Meeting Program

**Kutztown**

**Volunteers Needed**

Telford Community Center  
August 9th, 7:00pm

*Newsletter of the  
Delaware Valley Historic Radio Club  
P. O. Box 5053  
New Britain, PA 18901  
www.dvhrc.org*

The Oscillator is published monthly by members of the non-profit DVHRC. Its purpose is to provide information on radio, information on radio and communicate with collectors and providers of vintage radio technology.

We welcome and solicit information relating to radio history or collecting. Submissions should be on 8 1/2" x 11" paper, typed and accompanied with clear photographs or diagrams. Material on discs should be in Word and Jpg file sizes.

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Personal views, opinions and technical advice offered in this newsletter do not necessarily reflect those of the members, officers or Board of Directors of the DVHRC, nor is the organization responsible for any buying or selling transactions incurred.

To join DVHRC dues are \$20 per year. The membership year runs January - December. Please mail us the club P.O. box above.

Meetings are held the second Tuesday of the month at 7:30pm in the Telford Community Building, Telford, PA.

#### **DVHRC BOARD OF DIRECTORS**

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Material submitted is subject to acceptance and editing by the editor.

A full page article is approximately 400 words. Printed photos may be submitted for a covering. JPG files should be under 100K.

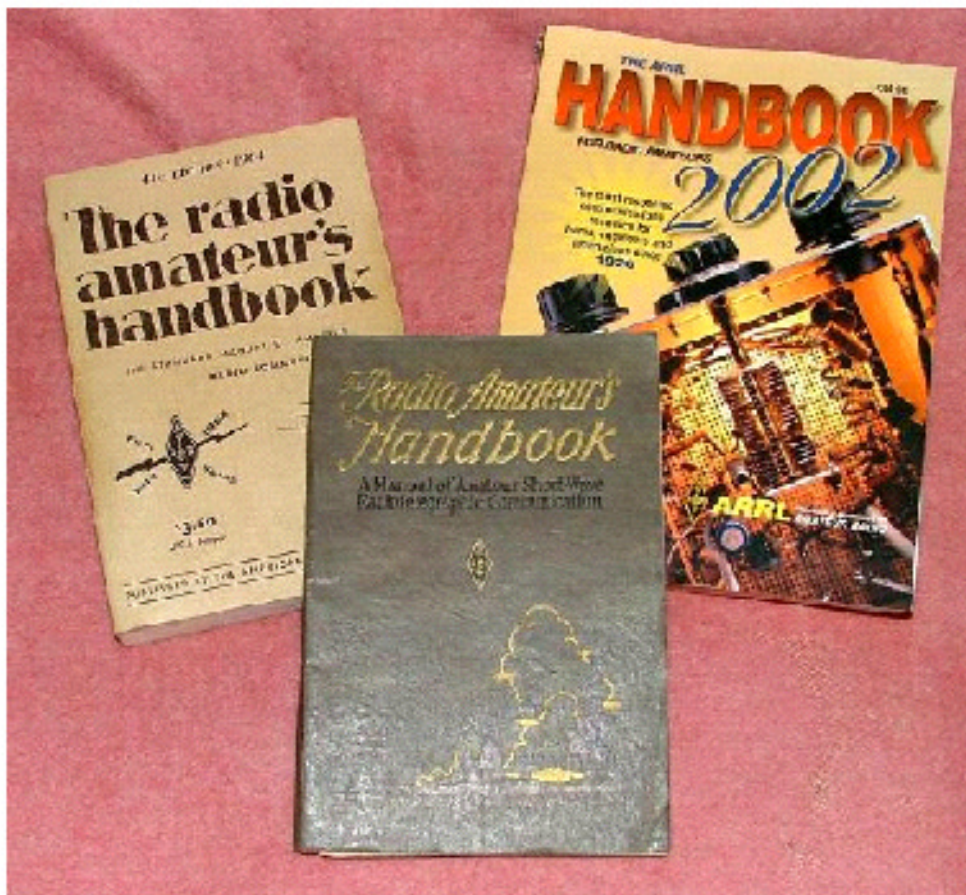


## The Radio Collector's Library by Dave Snellman

This installment in the series will look at ARRL (American Radio Relay League) Manuals and other “ham” radio publications. You might say, gee what has that got to do with radio collecting, or I’m not interested in amateur radio – so why should I pay any attention to ham radio books? Hopefully I can supply some reasons and spark some interest in these publications. Let’s start with a little background information. The following is from the ARRL website ([www.arrl.org](http://www.arrl.org))

ARRL is the national membership association for Amateur Radio operators.

The seed for Amateur Radio was planted in the 1890s, when Guglielmo Marconi began his experiments in wireless telegraphy. Soon he was joined by dozens, then hundreds, of others who were enthusiastic about sending and receiving messages through the air—some with a commercial interest, but others solely out of a love for this new communications medium. The United States government began licensing Amateur Radio operators in 1912.



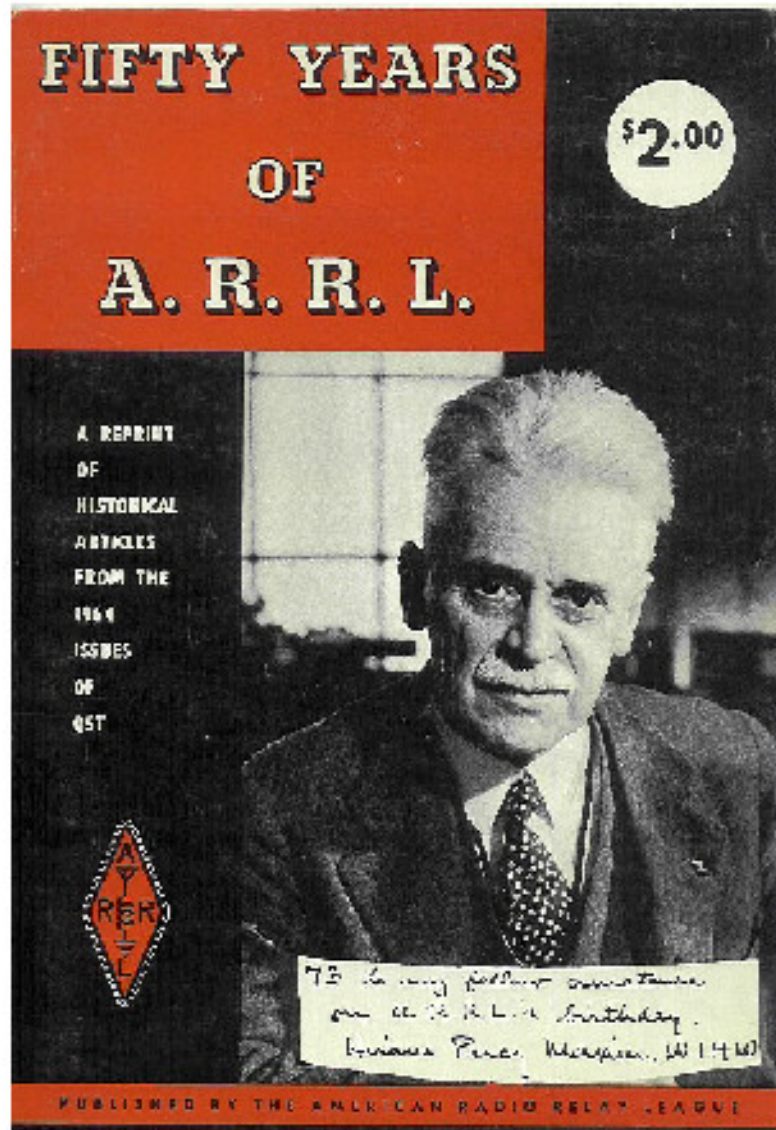
The ARRL offers a variety of publications. While every ARRL member receives their monthly magazine, *QST*, their most popular publication is The Radio Amateur's Handbook. The “league” began publishing the handbook in 1926. They issue a new edition every year.

### The “Handbook”

The handbook is like a “Swiss Army Knife” of radio publications. First, they offer the fundamentals. Theory on electricity and electronics is presented. Radio amateurs need to know some theory to pass FCC exams. Theory and design of radio receivers, transmitters and power supplies function is another part of the

handbook. Transmission lines, antenna theory, and propagation round out the theory section. Later editions include digital theory along with analog.

One thing that has become a “lost art” is constructing one’s own equipment. All the handbooks include chapters on project design and construction. The handbook includes not only plans for constructing your own gear it also details how to go about doing so in the “construction practices” chapter.



The earliest editions placed emphasis on building your own station as commercial gear was not readily available. Later editions include new information on new technology related to amateur radio. The early editions included a “catalog” section. These pages outline the latest equipment and components available in that year.

So what can a radio collector get out of a “handbook?” Well, it’s a book on electronic theory it explains how radio equipment works. It also contains practical information for the collector interested in repairing or restoring radios. Antenna theory and construction is useful to collectors who actually listen to their radios. You can learn a lot about radios of the period by referencing handbooks from a particular era – the latest theory, the parts used, and even the catalog show what was popular at that time.

### Other ARRL publications

While the handbook is the most popular, there are other ARRL publications. These include books on specialized radio subjects. The Antenna Handbook is almost as big as the handbook

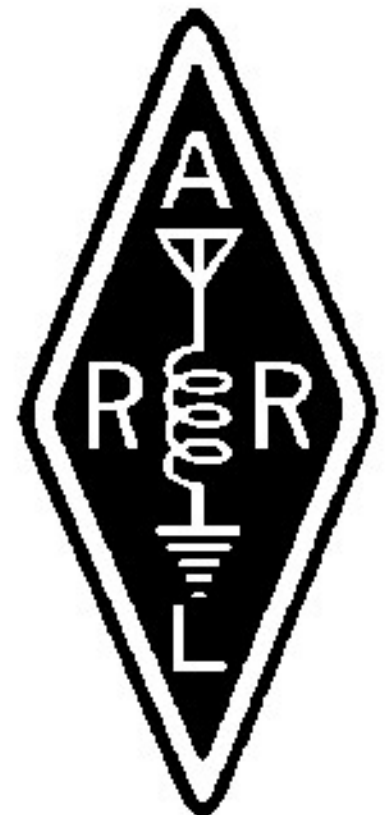
itself. It specializes in all aspects of receiving and transmitting antennas. The Operating Handbook deals with good operating practices used by “hams.” There are a number of books for the beginner. The League offers theory as well as study guides needed for passing FCC exams.

### For the collector

Every collector should have at least one copy of the handbook in his or her library. The latest edition is available in many bookstores and can be found at any hamfest. Early editions turn up at hamfests and radio swapmeets. “Hams” may want to add some of the other publications. Collecting handbooks is also something you might want to consider. They show up at our auctions many times during the year.

### Happy collecting,

**Dave Snellman**



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		QTY/25	EACH	QTY/25	EACH
.001	630v	\$7.20	.35	\$6.00	.28
.0047		\$7.50	.35	\$6.25	.29
.0068		\$7.60	.36	\$6.35	.30
.01		\$7.80	.36	\$6.50	.31
.022		\$8.30	.37	\$7.00	.33
.033		\$8.60	.42	\$7.25	.35
.047		\$9.00	.43	\$7.50	.36
.1		\$9.60	.48	\$8.00	.48
0.22		\$18.00	.86	\$15.00	.72
0.47		\$24.00	\$1.06	\$20.00	.96
1.0		\$31.20	\$1.50	\$26.00	\$1.25

**ELECTROLYTICS:**

		QTY/10	EACH	QTY/10	EACH
10	160v	\$6.60	.70	\$5.50	.64
22	160v	\$7.70	.90	\$6.40	.75
33	160v	\$10.10	\$1.30	\$8.40	\$1.01
47	160v	\$11.50	\$1.40	\$9.60	\$1.16
10	450v	\$9.00	\$1.10	\$7.50	\$1.10
22	450v	\$13.30	\$1.45	\$11.20	\$1.20
47	450v	\$21.60	\$2.50	\$18.00	\$2.10
100	450v	\$34.50	\$3.20	\$28.50	\$3.85

**AND NOW AVAILABLE; LINE CORDS, DIAL LAMPS,  
TUBES, DVHRC SPORTSWEAR**



**DVHRC returns to Kutztown  
Sept. 16 & 17, Friday setup...Saturday auction  
Information at [www.dvhrc.org](http://www.dvhrc.org)**

**UPCOMING RADIO EVENTS**

**JUL 10 MID-ATLANTIC ARC HAMFEST, KIMBERTON, PA** (Info at [reservations@marc-radio.org](mailto:reservations@marc-radio.org), or Steve Maslin, N3ORH, 610-327-8666)

**AUG 23-27 AWA ANNUAL CONFERENCE, ROCHESTER INSTITUTE OF TECHNOLOGY CONFERENCE CENTER, ROCHESTER, NY.** (Info at [www.antiquewireless.org](http://www.antiquewireless.org))

**SEP 10 EASTERN PA ARA POCONO AREA HAMFEST, STROUDSBURG JR. HIGH SCHOOL, STROUDSBURG, PA.** (Info at [www.qsl.net/3mj](http://www.qsl.net/3mj), or Bill Connelly, 570-424-0845)

**SEP 16-17 KUTZTOWN RADIOMEET, RENNINGER'S, KUTZTOWN, PA.**  
(Info at [www.dvhrc.org](http://www.dvhrc.org))



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