

The Official Newsletter of the DVHRC

Vol. 9, No. 12, February, 2002

Centimeter sentiments at the DVHRC

January Meeting Notes - Dave Shellman reporting...

The January meeting of the DVHRC was called to order by President Overbeck. As usual, we started with the business side of the house. Dave Snellman provided the group with a quick membership update. As of the January meeting we had almost 60 renewals on the books. This is ahead of last year. Keep those renewals coming folks.

Our treasurer, Mike Tannenbaum, gave us an update on the club finances. The club is doing OK. We're in the "black" at this point. The one item that is really pulling us through is the commissions collected from our aux tion sales. It closely approaches what we take in through dues. We look forward to another successful year.

In other old business there was some talk about reviving the winter meet. As it's too late for this year, the consensus was to place the club efforts behind the Kutztown meets again this year. Stay tuned for the exact dates.

Speaking of Kutztown, the dates may change somewhat this year as two major meets by other clubs are changing their dates.

MAARC (Mid-Atlantic Antique Radio Club) is moving the date of their meet forward from June to May and the AWA is contemplating moving their meet to August in order to be able to use Rochchester (!) again. (Radio craziness reins supreme!)

This is the last reminder for the NJARC's BCB DX Contest. The contest period will be from 12:00 noon local time at receiving station, Friday, February 15th through 12:00 noon Sunday, March 2nd. This year the "Jersey" club has challenged us to take part in a little friendly rivalry to see who can out-DX who. Details were made available at the meeting. For further details, contact Al Klase at 908-782-4829 or Tom Provost at 609-243-2508. Logs are to be submitted to Tom Provost, 19 Ivanhoe Dr., Robbinsville, NJ 08691. The entrants are judged on receiving stations from the greatest distance possible. Let's give the "Jersey boys" a run for their money. (You're also welcome to contact Dave Snellman at 215-345-3238 for details, or e-mail me at snellman@bucks.edu.)

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This month at the DVHRC

It's SHOW & TELL month at the DVHRC. Bring your best oddity, your favorite All-American 5, the museum piece you stole from an unsuspecting dealer. One piece please and about 5 minutes worth of insight. Call or email me at dtatv@att.net and I can get a list of presenters together. I'll kick it off with a mechanical TV demo.

February 12, 7:30pm Telford Community Center

Newsletter of the Delaware Valley Historic Radio Club P.O. Box 847 Havertown, PA 19083

The Coolings is published consulty by coembers of the cool-profit.

DVHPC IV's purpose is to provide a fortes to educate, rofe to each und
and communicate with collectors and press was of wronger ratio
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We welcome and solves reference relating to radio better y or call enting. Submissions about diversifully researched, typed and accompanied with clear placing aghs or diagrams. Make ral on does about diversifying for many

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To pure DVHRC dues a <\$15 per year. The composition year runs January - December - Presse condition the club P O hos above Meanings are beld the second Tuesday of the consultia. 7 30 per to the Telford Composity Stutishing, Telford, PA

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(deadline is the 20th of each month)

Marchal submitted is subject to acceptance and educing by the educing A full page and elementary 400 words. Printed photos may be submitted for seasoning. JPO files should be under 100K.

Meeting Notes continued from Page 1

Al Klase gave us "show and tell" of what it's like to do a little broadcast band DXing. Al showed us a nice vintage Hammarlund receiver coupled to a loop antenna for DXing. Also, if you haven't had a chance to check it out, Al had a "cover" article in the January issue of *QST*. Nice going, Al.

Our evening's technical presentation was presented by Jiri Placek. Jiri gave us quite an insight into European schematics and standards. Believe it or not, in pre-war Europe capacitance was measured in centimeters! Jiri proved it mathematically.



(Don't ask me to do it, though.) Jiri also demonstrated a very interesting and rare radio set. It was an Ingelen 538W. It was made in Austria in the late 1930's. It featured a unique dial that would "light" the city you were tuned into. There were 120 separate glass rods in the set in order to accomplish this feat. (All before the advent of fiber optics!) Of course, as the map of Europe changed radically every year in the late "30's, it kept the manufacturer busy updating the dial!

Much of Europe used the metric system, so many schematic values were different that what we are used to. DIN standards were mandatory, not at the whim of the manufacturer. To avoid confusion on schematics, decimal points and commas were eliminated and multipliers were standardized. To those used to the schematics from Philco, Zenith, RCA, and so many others, this can be confusing.

All in all, Jiri's presentation opened up the world of European schematics to many of us who aren't used to them. One thing to remember if you see an older set (pre-war) and notice capacitance measured in centimeters - remember 1 cm = .9 pfd. Put another way, considering component tolerances, one centimeter equals one picofarad. Thanks, Jiri. Great presentation.

No meeting would be complete without an auction. January was no exception. Our new rules were in effect and all went smoothly. Pinch-hitting for "Colonel" Pete Grave was Bill Overbeck. We had some nice items. A mint condition instruction manual for a Zenith TransOceanic. A Zenith R-1000 TO (with a fixed internal battery box) also went in the auction.

That about wraps it up for another month's meeting notes. We'll have another meeting in February. Tuesday, February 12th, to be exact. Telford Community



In keeping with the European theme from last months meeting, here is a partial list of European suppliers I found for you to keep in your files. I will continue this list in the next few issues. If you have the internet, the complete list can be found at:

www.sigtel.com/tv_tech_resto_components.html

For hard-to-find transistors we are aware of:

- AQL TECHNOLOGY LTD, 33 Grosvenor Road, Aldershot, Hants., GU11 3DP. (01252-341711; fax 01252-341939).
- LANGREX SUPPLIES LTD., 1 Mayo Road, Croydon, Surrey, CR20 2QP (020-8684 1166; fax 020-8684 3056). Large stocks, including industrial types.
- PM COMPONENTS LTD, Selectron House, Springhead Road, Gravesend, Kent, DA11 8HD.(01474-560521; fax 01474-333762).
- THE SEMICONDUCTOR ARCHIVES, 48 Deptford Broadway, London, SE8 4PH. (020-8691 7908; fax 020-8692 3185). Huge selection; catalogue costs £5 on paper or floppy disk.
- UNIVERSAL SEMICONDUCTOR DEVICES LTD., Unit 4,
 Springfield Road, Chesham, Bucks., HP5 1PW (01494-791289).
- VECTIS COMPONENTS LTD (01705-669885). Specialist in obscure Japanese transistors.

NB: Several of these firms have minimum order levels of between £10 and £20. For American books on old radio and TV, also all manner of spares, try ANTIQUE ELECTRONIC SUPPLY (00 1 602-820 5411, fax 00 1 602-820 4643). Their mail order service is first-class and they have a beautiful free colour catalogue (or is it color catalog?).

High-voltage capacitors, vintage-style hook-up wire, other 'old' components

OLD TIME SUPPLIES, P.O. Box 209, Banbury, OX16
 1GR.(tel/fax 01295-701066;
 ots@supanet.com).

PARTS WANTED - Looking for pre-war Philco parts for restorations. Loose parts, speakers, parts sets. Contact Lewie Newhard, 610.262.3255.

From the Parts Bin Dave Abramson, Editor

This month's issue has been a challenge to get together. Besides my printer giving me fits, it was a struggle to find things to print in the Oscillator.

I have a collection of issues from other clubs around the country, and I am amazed at the depth of articles in them generated by their members. Members collections with photos, technical articles on most any subject, refinishing tips, reprints of old magazine articles, the history of..., and on and on.

I like old ads, like on page 4, but I would rather not have to fill pages with them. We can do better. And I don't want to fill the Oscillator with reprints of other club articles unless they are important to the hobby.

The Oscillator needs your project articles, your collection photos and history, relevant old articles that I can scan, news of upcoming events that you have heard of, websites you have found and website articles that can be reprinted.

You write 'em and I'll fix 'em up for print. I'll even loan you a digital camera for the photos.

-Ed.-



AND NOW A WORD FROM OUR SPONSORS...





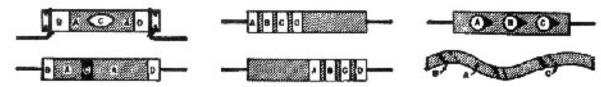






ALLIED'S RADIO DATA HANDBOOK

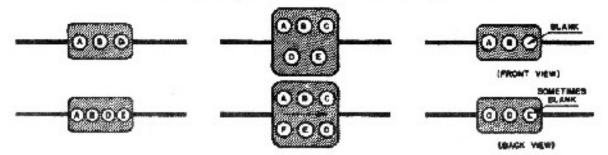
Resistor Color Codes



Values in Ohms

Color	1st Significant Figure	Color B	2nd Significant Figure	Color	Decimal Multiplier	Color	Resistive Tolorance
Black	0	Black	0	Black		None	± 20%
Brown	1	Brown	1	Brown	10	Silver	± 10%
Red	2	Red	2	Red	100	Gold	± 5%
Orange	3	Orange	3	Orange	1,000		
Yellow	4	Yellow	4	Yellow	10,000		
Green	8	Green	5	Green	100,000		
Blue	6	Blue	6	Blue	1,000,000		1
Violet	7	Violet	7	Violet	10,000,000		
Gray	8	Grey	8	Gold	0.1		
White	9	White	9	Silver	0.01		

Mica Capacitor Color Codes



Capacitance in micromicrofarads ($\mu\mu$ f.)

Dot Color	Significant Figures		Decimal Multiplier	Capacitive Tolerance	DC Test Voltage	Dot	
	0	18	0	0	©	Ø	Color
Black	0	0	0	_	_	_	Black
Brown	1	1	1	10	± 1%	100	Brown
Red	2	2	2	100	± 2%	200	Red
Orange	3	3	3	1,000	± 3%	300	Orange
Yeilow	4	4	4	10,000	± 4%	400	Yellow
Green	5	5	5	100,000	± 5%	500	Green
Blue	5	5	5	1,000,000	± 6%	600	Blue
Violet	7	7	7	10,000,000	± 7%	700	Violet
Gray	8	8	8	100,000,000	± 8%	800	Grey
White	9	9	9	1,000,000,000	± 9%	900	White
Gold		-		0.1	± 5%	1,000	Gold
Silver		-		0.01	± 10%	2,000	Silver
No Cotor					± 20%	500	No Color



AIRWAVESTIMELINE February, 2001

FEBRUARY 2, 1921 Pittsburgh's KDKA airs the first remote broadcast of a church service.

FEBRUARY 19, 1922 A complete Broadway musical is aired for the first time as WJZ New York broadcasts Ed Wynn in "The Perfect Fool".

FEBRUARY 20, 1923 Chicago Radio Lab's Karl Hassell files the famous "lightning bolt" as the official trademark of the new Zenith Radio Corporation with the US Patent Office.

FEBRUARY 12, 1925 Initial broadcast of "The Goodrich Silvertown Orchestra" over WEAF, New York. This early musical variety program, later to be heard on NBC, featured radio's first singing heartthrob, Joe White, identified on the air as "The Silver Masked Tenor."

FEBRUARY 23, 1926 The chaos cause by the wild growth of broadcasting comes to an end, at least temporarily, with the signing of the Dill-White Radio Bill, creating the Federal Radio Commission, forerunner of the FCC.

FEBRUARY 18, 1927 One of the longest running music programs in radio history, "Cities Service Concerts" is first aired. By 1930, the show featured Jessica Dragonette, former vocalist on "The Philoo Hour."

FEBRUARY 2, 1929 Listeners are spellbound when an NBC mobile unit makes a live broadcast from an airplane in flight.

FEBRUARY 15, 1932 George Burns and Gracie Allen installed as comics in residence on "The Guy Lombardo Show". Also on this date, despite the Depression, CBS and NBC announce their combined advertising revenues for 1931 exceeded \$35.7 million.

FEBRUARY 1, 1933 A recent survey indicated that the most frequently advertised products on radio in 1932 were food, drugs, toiletnies and tobacco.

FEBRUARY 3, 1935 The mirror ball (and the records) first spin on "The Make Believe Ballroom" over New York's WNEW. Although popularly believed to be the brainchild of host Martin Bloch, the program's concept and title was created years before by West Coast disc jockey Al Jarvis.

FEBRUARY 29, 1936 Broadway star Fanny Brice introduces her "Baby Snooks" character to radio on NBC's "Ziegfeld Follies Of the Air".

FEBRUARY 15, 1937 Charging the networks with monopolizing the airwaves, legislators call for an congressional investigation of radio. This political situation eventually leads in 1941 to the split of NBCs Red and Blue networks into NBC and ABC.





FEBRUARY 13, 1938 From the legendary studios of WXYZ in Detroit, the arrival of "Challenge of the Yukon" (AKA "Sgt. Preston of the Yukon"). Network broadcasts on ABC and Mutual from 1947-1955.

FEBRUARY 2, 1942 Citing wartime shortages of equipment, transmitting tubes, building materials and personnel, the FCC shuts down construction of all rewradio stations.

FEBRUARY 2, 1946 WOR New York newscaster Fred Van Deventer brings the old animal-vege table-mineral parlor game "Twenty Questions" to Mutual Radio. In addition, galena detectors and cat's whiskers become obsolete with Sylvania's introduction of the 1N34, the first mass-market germanium crystal diode.

FEBRUARY 4, 1946 General Mills allocates five million dollars, half it's annual advertising budget, to radio.

FEBRUARY 10, 1947 The Mutual Broadcasting System signs it's 400th affiliate.

FEBRUARY 2, 1948 RCA announces the development of the 16AP4, the first 125 square inch round metal body picture tube.

FEBRUARY 6, 1951 Edward R. Murrow leaves CBS News to head the U.S. Information Agency.

FEBRUARY 23, 1953 Philos sells Westinghouse Philadelphia's WPTZ-TV (now KYW-TV) for a record \$8.5 million.

FEBRUARY 9, 1954 Major Edwin Armstrong commits suicide.

FEBRUARY 28, 1955 Birg Crosby Enterprises first demonstrates a color video recording system.

FEBRUARY 11, 1957 Not including automobile receivers, Americans bought 8,332,077 radios in 1956.

FEBRUARY 26, 1966 It is reported that Col. John Glenn's recent orbital space flight was seen by 135 million viewers.

FEBRUARY 2, 1970 Color televisions are now in 22.6 million American homes.

FEBRUARY 5, 1979 Another attempt (and failure) to revive network radio entertainment as the curtain rises on "The Sears Radio Theater". After a one year run on CBS, it resurfaced February 14, 1980 on another retwork as "The Mutual Radio Theater", but only lasted ten months

RADIO SHOW EVENTS

March 30 - NJARC swap meet at North Centerville Fire Company, Hazlett, NJ. Exit 117 of the Garden State Parkway.

June 14, 15 - DVHRC at Kutztown. Details at the monthly meeting.



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http://pw2.netcom.com/~firstake/dvhrc.htm



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