

Club Resources

Club CDs Free for Members to Borrow

- Canadian Radio Schematics (RCC 1927-1949)
- Canadian Tire Radio Parts (1939 & 1942)
- Hammond Transformers G-52 1938
- Marconi (Canada) Service Manual Volume #1
- British Vintage Wireless Society (BVWS) first 20 years of bulletins
- BWVS “Trader” service sheets (1-800 & 801-1600 & 1601-1999 & “405 Alive”*)
- Empfänger-Schaltungen der Radio-Industrie Alle Schaltbilder
- Beitman Radio Diagrams 1926-1969
- Rider’s Vol 1-23 (late 1920-1954)

*British TV (405 lines)

Radio Service Resources at NCRTV

- Brian Belanger is a volunteer curator of the National Capital Radio & Television Museum in Bowie, MD (ncrtv.org). Associated with MAARC.
- The museum has a fabulous library with shelves and file cabinets filled with service literature.
 - Rider Manuals
 - Sams Photofacts
 - A huge collection of factory service literature covering almost all US manufacturers from about 1920 on...
 - Quite a bit of Canadian stuff, e.g., Eaton.
- OVRC members that need service literature that they cannot find elsewhere can contact Brian radiobelanger@comcast.net and he will check the library.
- The cost of a typical photocopied service literature package is about \$4 - 5 US. (Of course a package for a television set is more because of so many pages.) Buyers can use Pay Pal for purchases.

My Life as a Radio Guy/Girl

Contest: How I was Introduced to Antique Radio

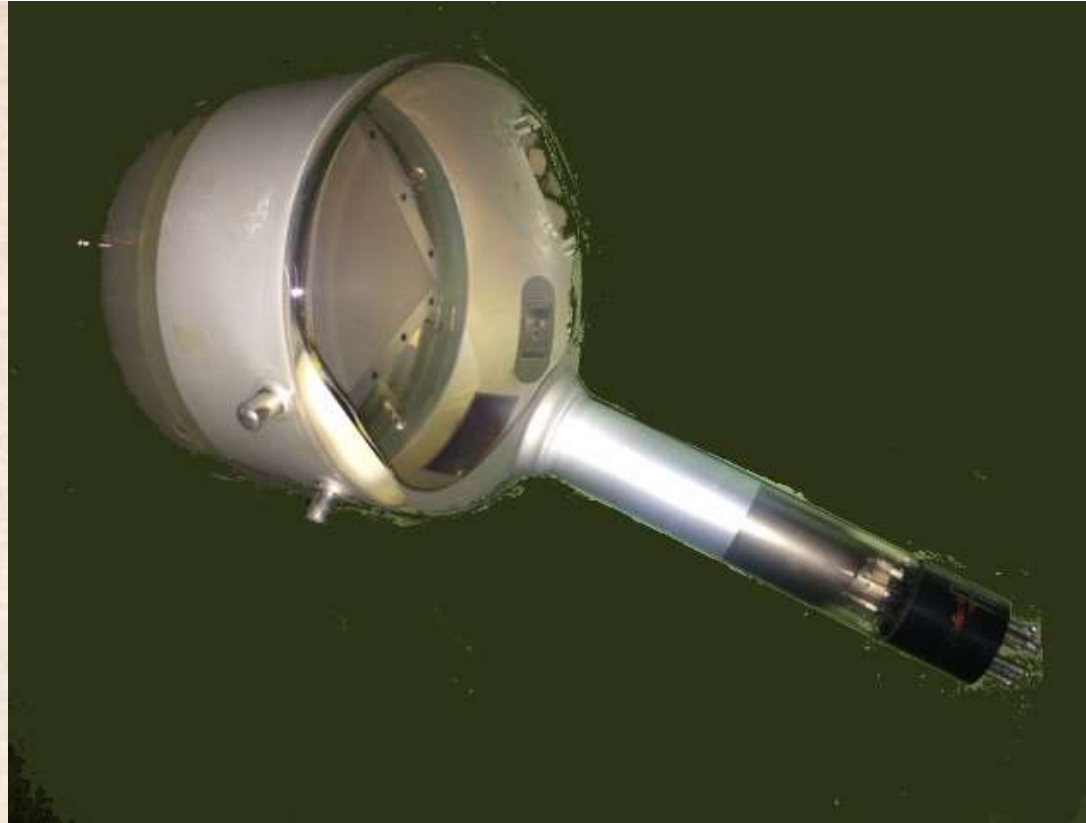
- **Lea Barker** is sponsoring a contest for the best essay about “How I was Introduced to Antique Radio”
 - Entries can be in English or in French.
 - The length of your entry should be roughly 500 words.
 - Essays will be assessed by the OVRC exec (who may not participate!) on originality (i.e. no plagiarism), style, uniqueness, overcoming adversity (e.g., lack of funds, rural location), and possibly how the early interest led to a career.
 - We will publish all entries received, beginning with those awarded the 1st, 2nd and 3rd prizes.
- See, for example, Gord Rabjohn's article in Winter 2007 issue of the OVRC newsletter: “The Birth of a Radio Man.”
- **Lea Barker** is supplying the prizes, which are (see photos):
 - Two working WD11 tubes;
 - Working RCA type 1850A iconoscope TV camera tube;
 - Western Electric type 2A phototube, circa 1930.
 - *Prize must be picked up in-person in Ottawa (it is too difficult to ship fragile glass).*
- Send entries to ovrcpres@gmail.com before Sept. 30, 2021. Winner will be announced December 2021.

The Prizes for Lea's Contest

A pair of good WD11's.



RCA type 1850A iconoscope TV camera tube,
works!



Western Electric type 2A
phototube, circa 1930.



First prize gets first choice
Second prize gets second choice
Thanks, Lea!

How do you identify tubes with faded numbers?

This one is so frustrating!
The “CANADA” is clear, so I
know where the number
should be, but nothing I do
reveals it!

Is a power pentode with a
w-shape filament (4 parallel
strands), octal.



Faded Tube Numbers

- Breathe on the tube.
- Rub the tube in your hair, the grease will sometimes reveal the number. Sometimes, slide your finger over the grease.
- Put the tube in the freezer for 20 minutes. Take it out and watch how frost, then condensate forms.
- Polarized light... (I have had no success)
- To wash or not to wash? What is the safest way to wash?
- Know where to look.
- High magnification.

Where to look?

Note: up on the shoulder



Where to look?



Look on top



Don't forget to check the skirt on metal tubes for an embossed identifier. (not all tubes have 'em)



Ludwell Sibley wrote an article on this.

- From Mid Atlantic Antique Radio Club (MAARC) newsletter “Radio Age”, April 1997.
- We have been given permission to have it published in our newsletter. (Thanks Brian Belanger and Lud Sibley)
- Most of the article assumes that no number can be read. Instead, use physical and electrical attributes to identify the tube. Focused on pre-octal “big pin” tubes.

Base Pins	BULB STYLE					
	T9	ST12	Tall ST12+	ST14	ST16	ST19
4	20*	1-V	-	00A* 45	2A3 & 6A3	10*
	X99*	12Z3	-	01A* 71A*	5Z3	50*
	864	30	-	12A* 80	81*	-
	-	31	-	26* 82	83	-
	-	-	-	40* 83V	874*	-
	-	-	-	182B/482B	-	-
	-	-	-	183B/483B	-	-
	-	-	-	-	-	-
4 w/ Cap	-	1A4P	-	22*	-	-
	-	1B4P	-	32 34	-	-
5	-	27 37	-	1F4	46*	-
	-	56 & 76	-	6A4/LA	47*	-
	-	84/6Z4	-	33	-	-
	-	485	-	49	-	-