



# WARCI News

*Wisconsin Antique Radio Club, Inc.*

Happy New Year!

Send or Bring in Your Dues!

January 2011

## Globe Electric of Milwaukee

See Dale Boyce's article on this pioneering Milwaukee radio company, page 6. Figure 1 below shows the first Globe radios, from about 1922, a model 610 one tube regenerative tuner-detector and a companion model 615 two tube audio amplifier.



Figure 1 - Globe 610 and 615

### NEXT WARCI MEET:

Sunday, January 23; 8:00 – 12:00 Noon  
(Indoor-Outdoor; Doors open 7:00AM)

The Terminal, 5917 S. Howell Ave.,  
Milwaukee (near the Airport)

Features: Business Meeting, 50-50  
Raffle, and Free Pizza Lunch – Snow  
Date is January 30

### INSIDE THIS ISSUE...

- |   |  |
|---|--|
| 3 | WARCI Headlines –<br>Club News and Doings    |
| 4 | Auction Committee Report,<br>by Greg Hunolt  |
| 6 | Globe Electric of Milwaukee<br>by Dale Boyce |

## **WARCI**

The Wisconsin Antique Radio Club, Inc. exists to preserve the knowledge of radio, television, and other related disciplines. We have a special interest in the history of radio in Wisconsin, Wisconsin radio companies, radio stations, etc. Our members' interests include radio, television, audio, and antique phonographs.

## **OFFICERS AND BOARD**

President - Greg Hunolt  
[ghunolt@excel.net](mailto:ghunolt@excel.net)  
920-893-0422

Vice President - Bill Engaas  
[craftyradio@earthlink.net](mailto:craftyradio@earthlink.net)  
262-786-8183

Treasurer - Terry Hanney

Secretary - Ralph Larsen

Board - Jim Choroszy, Bob Paquette,  
Dennis Schrank

WARCI News Editor - Greg Hunolt

WARCI Website - Nick Tillich  
[webmaster@warci.org](mailto:webmaster@warci.org)

## **WARCI Information**

WARCI is incorporated in the State of Wisconsin.

Annual membership dues are \$15 for each calendar year, January - December.

Seller's fee at Swap Meets is \$7.00 for members, \$10 for non-members.

Swap Meets are held at The Terminal, 5917 S. Howell Avenue, Milwaukee WI (near airport).

The next meet date is Sunday, January 23 (Snow date January 30). Swap meet times are 8:00AM - 12:00 Noon. Doors open at 7:00AM for set-up.

## **WARCI News**

This newsletter is the official publication of the Wisconsin Antique Radio Club, Inc. It is published four times per year, in January, May, July and September. The WARCI news is free to all club members.

The entire contents of this publication are copyright ©2011 Wisconsin Antique Radio Club, Inc. unless specifically marked otherwise. Generally, all articles in the WARCI News may be reprinted, provided specific permission is first obtained from the Editor (and copyright holder, if not WARCI) and full credit is given.

Articles or material for the newsletter are most welcome and should be sent to Greg Hunolt, [ghunolt@excel.net](mailto:ghunolt@excel.net) or N5412 State Hwy 57, Plymouth WI 53073. Include your name, address, phone, and email. PC format (e.g. MS Word) by email is preferred. JPEG for images is preferred. Please contact Greg Hunolt for assistance.

Classified ads up to ¼ page are free to WARCI members

The cut-off date for all newsletter material is about the fifteenth of the month preceding publication of the next newsletter (e.g. April 15, 2011, for the May issue).

## **WARCI Website [www.warci.org](http://www.warci.org)**

The WARCI website features information about WARCI activities, Wisconsin radio, articles, etc. Contributions are most welcome! Contact our webmaster Nick Tillich, at [webmaster@warci.org](mailto:webmaster@warci.org). Thank you, Nick, for your great work.

# WARCI Headlines

## October 10 Meet

We had a very nice day and a good turnout, with 19 sellers. The 50-50 Raffle was successful, bringing in \$46 to the club (91 tickets sold), and the Donation Auction brought in \$89. WARCI thanks everyone who donated items! Once again, a highlight of the meet was the excellent pizza cooked and served by Joe Halser and his staff at the Terminal.

## January 23 Meet

For January we will continue the same 8:00 AM "official" flea market start (doors open at 7:00 AM), but instead of a Donation Auction we will have a Business Meeting at 10:00 AM, followed by the 50-50 Raffle Drawing and free pizza after the raffle drawing, so about 11:00 AM.

Note that in case of snow or a forecast of snow for Sunday morning, the meet will be postponed a week, until January 30.

At the Business Meeting we will have the annual election of WARCI officers and board members. If you would like to volunteer for an office or to serve on the WARCI board, please step forward!

We will also discuss our plans for 2011, including the possibility of adding a real auction at our September 18 meet. See the Auction Committee Report on page 4 of this issue of WARCI News. Members will be asked for their ideas and comments, and a vote will be taken on whether or not to proceed with planning for an auction.

## Looking Back to 2010

The past year was a good one for WARCI. Club membership was up a bit, from 41 to 46 at the end of the year. We continued the successful Donation Auctions and added a 50-50 Raffle, and a free pizza lunch thanks to Joe Halser and his Terminal staff. We had a joint meet with ARCI in May which featured visits to Bob Paquette's Microphone Museum, a beginning point for more cooperation between ARCI and WARCI to the mutual benefit of both clubs.

## WARCI – ARCI Cooperation

Those of you who, like me, are also ARCI members will have read in the January issue of the ARCI News (page 5) that "the Wisconsin Antique Radio Club, Inc., will become a co-sponsor of Radiofest together with ARCI and AWA and will be included in all Radiofest promotional materials. Greg Hunolt, President of WARCI, will become the Program Chairman for Radiofest responsible for compiling the all-day educational programs". It is my hope that deepening cooperation with ARCI will give WARCI more visibility and attract more interest by ARCI members in our meets. We should think about what we would like to see in the way of greater cooperation with ARCI.

## Meet Schedule for 2011

We have the following dates set for our meets in 2011, all Sundays: January 23, March 27, May 8, July 17 and September 18. We've avoided any conflicts with other radio clubs and with Elkhorn, but we will have a conflict with Maxwell Street Days on July 17.

### **WARCI vs the Weather! Winter Meet Ground Rules**

Winter meets will be held on a weather-permitting basis. This applies to swap meets planned for January and March (and who knows, October and May!).

On the afternoon before the meet, if there is a forecast of snow or ice for the morning of the meet, the meet will be postponed a week (once).

Notice of the postponement will be posted to the WARCI website. In addition, all members will be notified by email or telephone the afternoon or evening before the meet.

# **Auction Committee Report**

## **Dale Boyce, Bill Engaas, Greg Hunolt**

At the October, 2010 swap meet, the WARCI board discussed the possibility of adding a real auction at WARCI's main meet, which in 2011 would be held on September 18. The board noted that responders to the member survey conducted in early 2009 answered 22-0 that they favored a larger summer meet, and they answered 21-0 that they favored adding a real auction at the larger meet.

The WARCI board was not convinced that WARCI would be able to put together a successful auction, observing that a number of obstacles would have to be overcome. WARCI would need a group of volunteers (five or six), headed by an auction coordinator, willing to work on planning and carrying out the auction. There would have to be a sufficient advance commitment of interesting radios that could be the basis for advertising the auction and drawing potential bidders. And ultimately the auction would have to attract a sufficient audience to be successful.

The board concluded its discussion by forming an auction committee to draft a proposal for a WARCI auction. Dale Boyce, Bill Engaas, and Greg Hunolt agreed to be the committee.

This is a brief summary of the report of the auction committee; the full report will be available at the Business Meeting on January 23, at which the auction proposal will be discussed. Changes to the proposed plan could be suggested and agreed to. A vote on whether or not to proceed with the auction will be taken.

If the vote is in favor, volunteers will be called for to finalize plans for and operate the auction. The first WARCI auction would be held at the September, 2011 meet, if plans can be finalized, if commitments from volunteers are received, and if commitments of items to be made available for sale at the auction can be obtained by no later than the May, 2011 meet. If the plans and commitments are in place as of the May meet, then the auction, including the items

committed to be available, will be advertised in the July 2010 and September issues of the WARCI News and on the WARCI website. Follow-up advertising will be distributed at ARCI's August 2010 Radiofest and by email to ARCI members.

For WARCI to proceed with an auction, two commitments would be needed by some WARCI members. The first would be a group of five or six volunteers to work the auction, headed by an auction coordinator with overall responsibility for planning, organizing and accomplishing the auction. The second would be commitment of radios or other items in advance of the auction that could be used in advertising for the main meet. Needless to say, the credibility of WARCI would be badly damaged if items advertised to be available in the auction turned out not to be available.

The goal of the proposed WARCI auction would be to facilitate the completion of transactions between buyers and sellers on terms agreeable to both in a friendly but business-like manner. The buyers and sellers, WARCI members and welcome non-members, are antique radio collectors sharing a common interest.

A bidder's / seller's card would cost \$1. A seller will be able to place a reserve on each lot, with no buy-backs. A \$10 minimum bid will be required. WARCI would charge a 5% commission on lots sold. Payment by buyers would be by cash or check with ID, and WARCI would pay sellers by cash or check at WARCI's option. Only vintage radios and related items will be accepted; WARCI reserves the right to reject items. Related items may include telephone, telegraph, television, or phonographs. Lots will be sold in sequence by seller number.

Five or six volunteers will be needed, to serve as auction coordinator, check-in clerks, auctioneer, cashier, runners/spotters, and auction clerks.

## **Editor's Note:**

*The WARCI News is your newsletter.*

Your comments and suggestions for the newsletter are most welcome.

Your contributions of articles or other material are urgently needed. Your help is needed to make the WARCI News a success and to ensure that it covers the full scope of the interests of WARCI members.

If you're not seeing articles on topics you are interested in, write one.

You may submit complete articles, but information from which an article can be developed is also welcome.

Don't agonize over format, etc., as the editor will have to adapt your submission to the newsletter anyhow. Simple text is best. PC format (e.g. MS Word, separate jpegs by email) is preferred, but hardcopy text and photos are accepted.

In this issue our series of articles on Wisconsin radio companies and Wisconsin radio history continues with a feature article on the Globe Electric Company of Milwaukee by Dale Boyce.

We will also cover tube audio and television and other member interests – but we need your contributions of articles or information for articles.

Articles on radio repair or restoration (perhaps a nice case study with before and after photos) would be most welcome.

We have five Classifieds, but once again no "Odd Bits" in this issue. Your ads are welcome and your 'odd bits', as you can see, are needed.

Don't forget to renew your membership for 2011!

Thank you,  
- Greg Hunolt, Editor, WARCI News

## **Renew Your WARCI Membership for 2011!**

WARCI membership runs January to December, so it is time for you to renew for 2011! Please complete the Membership Renewal form that you received with this issue of WARCI News and bring it to the January meet or mail it, with \$15, to Terry Hanney, 2501 S. 99<sup>th</sup> St., West Allis, WI 53227.

## **Bob Paquette's Microphone Museum**



WARCI member Bob Paquette's Microphone Museum features his collection of well over 1,000 different makes and models of microphones as well as related pieces of equipment. The emphasis is on historically important microphones made between 1876 and 1950, and early radios, telephones, and many other communications devices, including an assortment of military gear.

You can see more photos and find out more about Bob's book "History and Evolution of the Microphone" at his website, <http://www.sssmilwaukee.com/Microphone%20Museum.html>

Bob always enjoys visitors and will be happy to give a guided tour to individuals or groups. You can call Bob at Select Sound (414) 645-1672 to arrange for your visit. Just ask for Bob Senior. The museum is located on the second floor of Select Sound, 107 E. National Avenue in Milwaukee. Enjoy your visit and allow yourself plenty of time.

# Globe Electric of Milwaukee

## By Dale Boyce

Over the years I have had many conversations with people about the radio scene in Wisconsin in the early 1920's. I have found lots of radio parts made by Allen Bradley, Briggs & Stratton Co., Cutler Hammer, Central Radio Laboratory, Milwaukee Resistor, Lemke and others. I have found radios made with these parts. According to my research including newspapers and other publications, there were at least 30 radio manufacturers in Wisconsin in the 1920's. Their radios were sold through a variety of stores including furniture stores, department stores, music stores and automotive sales/service stations. There were companies who made radio cabinets, horn and cone speakers, earphones, antennas and other accessories. We will probably never know who all of the individuals were who designed and made these radios. Bit by bit we will share some of the information that we gather in our quest for these collectables. I hope that this article will provide some information to fill in some of the gaps. The people who knew many of the answers are gone.

### Globe Electric of Milwaukee

According to [www.jci.com](http://www.jci.com), "... Globe Electric Company was started in 1911 in Milwaukee, WI. Also, according to a 1985 Johnson Controls publication "Right for the Times 100<sup>th</sup> Anniversary", Globe Electric was formed in 1911 by G. W. Youngs, D. Decker, and J. H. Gugler. The purpose of Globe Electric was to make electrical equipment for street lights, street cars, rural light plants and switchboards. Later, they also made automotive batteries..." The address on literature is 14-28 Keefe Avenue, Milwaukee, Wisconsin. At some point in the early 1920's they began to make an extensive line of battery radios. Based on visits to radio museums and conversations with collectors, Globe Electric radios can be found all over the world. They were heavily into the

battery and wind power business long before rural America was electrified. Battery radios were a product that fit well into their product line.

The 1985 Johnson Controls publication "Right for the Times 100<sup>th</sup> Anniversary" notes "In 1925, Globe stopped making radio sets, and with the acquisition of Central Radio Laboratories, turned to the manufacture of radio components".

Globe Electric Co made a lot of different things including radios as indicated in the following list of Globe publications from the back cover of Radio Bulletin 21:

Bulletin A: *Globe Light and Power Direct Connected Engine Plants*

Bulletin B: *Globe Belted Lighting Plants*

Bulletin 3: *Globe Motor Generator Charging Sets*

Bulletin 4: *Globe Types A and B Series Charging Switchboards*

Bulletin 8: *Globe Faure' Type Storage Batteries*

Bulletin 9: *Globe Series Parallel Switchboards*

Bulletin 10: *Globe 110 Volt Auto Battery Charging Panels*

Bulletin 11: *Globe 32 Volt Garage Type Auto Battery Charging Panels*

Bulletin 13: *Globe 32 Volt Home Type Auto Battery Charging Panels*

Bulletin 14: *Globe 32 Volt Utility Motors*

Bulletin 15: *Globe 40 Volt 20 Ampere Type G8 Generators*

Bulletin 16: *Globe 32 Volt Junior Switchboards*

Bulletin 17: *Globe 32 Volt Enclosed T.C Contactors*

Bulletin 18: *Globe Faure' Battery Repair Parts*

Bulletin 21: *Globe Radio Equipment and Accessories*

Bulletin 22: *Globe Auto Batteries, Parts and Accessories*

Bulletin 23: *Cars; Plans; Terminals for Globe Auto Batteries*

*Globe Electric - continued on Page 7*

Other Globe publications in the Boyce Collection include:

- Radio Bulletin 25: (Undated)
- Radio Bulletin Number 28: (undated).
- Bulletin 28A Price List: (February 9, 1925)
- Radio Bulletin No.28B: *Globe DuoDyne Receivers, Parts, Accessories* (undated)
- Bulletin 28C: (undated)
- Bulletin 28C Price List: (February 1926)
- Bulletin 30: *Radio Batteries and "A" Power Units* (10-1-26)
- Bulletin 30-A: *Storage Batteries for Radio Service* (undated)
- Bulletin 30-B: *Storage Batteries & Power Units for Radio Service* (September 5, 1928).

The Radio Bulletins include complete radios as well as all of the components necessary to build radios from scratch. They also sold batteries, antennas, earphones, speakers, tubes, testers and radio related materials. Some of the Model numbers were assigned to different products which can add a measure of confusion.

With the electrification of cities across the land, the demand for battery radios diminished. In 1929 Globe Electric merged with Union Battery and became Globe-Union Inc. Their primary product line was automotive batteries. In 1978 Globe-Union was acquired by Johnson Controls. Johnson Controls continues to be a major researcher, manufacturer and supplier of automotive and specialty batteries.

### Discovering Globe Radios

From the early 1980's until it closed in 2000, I remember seeing Wisconsin manufactured radios at the Muchow Museum in Elgin, Illinois. I attended the Antique Radio Club of Illinois (ARCI) Radiofest event many times and always looked forward to the tours of the museum. I remember seeing radios and speakers made by Western Coil, Oriole (W-K Electric), Hansen Storage Co., Klitzen, Borchert & Manegold, Yahr-Lange, Granolite and Globe Electric. Globe Models included 770, 810, 830, 880, S4, 626 and possibly others. I have several photos from those visits. The Model 526 in the Boyce Collection was purchased at the 2001 Muchow Auction).

I saw a Globe 605 on page 12 in the Photo Review section of the December 1987 issue of ARC.

When I attended the AWA event at Rochester New York in 1989 I saw a Globe 810 in the back of a vehicle. The owner indicated that it would be in the general auction. I was surprised when it was not in the auction. I tracked down the owner and he indicated that someone had made him an offer he could not refuse.

In 1991 I saw an advertisement in ARC indicating that a Globe 610 and 615 were for sale. I called the same day that I received the ARC but they had already been sold. The seller said that he had college tuition to pay for one of his children. The seller offered to and did send a few photos of the radios.

For some reason, Globe radios seemed to disappear rapidly when they did become available. For some reason, although these radios are listed in the McMahan, Johnson and Fathauer/Grinder books, they generally do not appear in the Bunis/Schlusser Antique Radio Guide Books and price guides.

**THERE'S MUSIC in the AIR – TUNE IN**

The movies and cabaret dance halls have for the past few years led both young and old away from the home and home entertainment. Now, Radio, the wireless telephone, is rapidly overcoming these influences and is once more making the American home the real center of pleasure and recreation.

The extraordinary public interest in the marvels of Radio has speeded the development of Radio equipment to a point where definite principles of construction have been established. All that the best Radio engineering has accomplished for better results and performance, you can now enjoy in comfort at your home—

—with a

**GLOBE RADIO INSTALLATION**

EASY TO OPERATE

**No. 610 Regenerative Detector and Tuner Unit**

This outfit not only makes it possible to "listen in" on all kinds of entertainment, but you can select just the sort of entertainment that appeals to you most. Our set is very selective in tuning and permits picking up and listening to any station you may choose to the exclusion of all others, excepting only when a broadcasting station very near to you is sending.

**No. 615 Two-stage Amplifier Unit**

A Globe Radio installation will prove a continuous source of pleasure for the whole family. It will furnish the necessary recreation for young and old, cement family ties and help to re-establish that greatest of institutions—the American Home—all at a price that is very low and easily within the reach of any family. Your dealer will be pleased to demonstrate.

**GLOBE ELECTRIC COMPANY, Milwaukee, Wis.**

Figure 2 – Globe 610 and 615, Globe Brochure

The first Globe radios appear to be a Model 610 one tube regenerative detector and a Model 615 two-tube amplifier, see figure 1 on page 1. These are also shown in an undated brochure, see figure 2 on page 7.

The cabinets for the 610 and 615 have a recessed hinged cover and rounded corners. They could be purchased together with accessories as Model 600. The No. 600 Globe Radio Outfit complete with all accessories sold for \$132. The No. 670 Globe Loud Talker speaker was an additional \$25. Both cabinets are the same size, with dimensions of: 11.25" wide x 7" tall x 7.5" front to back.

Monroe H. McKillup of Chicago offered a Model D-7 detector and Model A-7 amplifier. They are priced at \$35 each in the 1923 Andrae Catalog R-5. These look very similar to the 610 and 615. See figure 3. This photo was taken at the home of Dick Bury. These radios previously belonged to Carl Knipfel. This Globe 610, Globe 615 and Monroe D-7 are in the Boyce Collection.



**Figure 3 - Globe 610 and 615 (front), Monroe D-7 and A-7 (rear).**

See figure 4 for a close-up of the label on the D-7 - note the reference to the regenerative license

held by Tri-City Electric Supply Co., of Davenport, Iowa.



**Figure 4 - Monroe D-7 Label**

One of the interesting similarities about these sets is the use of the same components. There is speculation that they appear to have been manufactured in the same facility. For instance, many of them utilize the BASCO (Briggs & Stratton Co. of Milwaukee, WI) tube sockets, captive binding posts and other BASCO parts. The cabinets are similar. The layout of component is similar. See figure 5. (BASCO Radio will be a future Wisconsin radio story).



**Figure 5 - Monroe D-7 (left), Globe 610 (right)**

The 1923 Montgomery Ward Company Radio Wireless Telephone, Wireless Telegraph Equipment Catalog offered similar radios named the Airline Special (detector) and Airline Two-Stage Audio Frequency Amplifier. The detector set only sold for \$28.50. The detector with accessories sold for \$49.50. The amplifier sold for \$21.00. The Airline DeLuxe included the detector, amplifier and accessories. The Airline DeLuxe sold for \$89.00. The Airline radios are pictured in the catalog with full top

covers. This is consistent with examples that are known to exist.

The Globe Model 605 was a single cabinet with 3 tubes. The 605 was essentially the 610 and 615 combined into one cabinet. See figure 6.



Figure 6 - Globe 605

The Monroe Model DA-7 looks like the Globe Model 605. The DA-7 is priced at \$75 in the 1923 Andrae R-5 Catalog. See figure 7 below, taken from Milwaukee based Julius Andrae & Sons 1923 Radio Catalog R-5.

JULIUS ANDRAE & SONS CO.

**MONROE RECEIVING SETS.**  
**Type DA-7 Tuner-Detector-Amplifier.**  
 180 to 685 Meters.

Type DA-7 Tuner-Detector-Amplifier.  
 Single-circuit regenerative outfit with two stages of amplification. Simple tuning control. Panels shielded with grounded aluminum plate. Cabinet of mahogany finish with hinged cover; black polished panels.  
 Type DA-7 Receiver, less Tubes, Batteries and Phones.....\$75.00

Necessary Accessories\*—

1 C-300 Detector Tube.....	\$ 5.00
2 C-301-A Amplifier Tubes.....	13.00
1 No. 2156 BP Burgess "B" Battery.....	3.00
2 No. 2156 Burgess "B" Batteries.....	6.00
1 No. 6A99 Andrae Acc "A" Battery.....	21.00
1 Pair No. 163 Frost Phones.....	6.00
1 AD Westinghouse Antenna Equipment.....	7.50
	<b>\$61.50</b>

Optional Accessories\*—

1 R-3 Magnavox.....	\$35.00
1 332722 Rectigon Battery Charger.....	10.50
	<b>\$54.50</b>

**Type D-7 Tuner-Detector.**  
 This tuner-detector in combination with the Type A-7 Amplifier duplicates the Type DA-7 set.  
 Type D-7 Receiver, less Tube, Batteries and Phone.....\$35.00

Necessary Accessories\*—

1 C-300 Detector Tube.....	\$ 5.00
1 No. 2156 BP Burgess "B" Battery.....	3.00
1 No. 6A99 Andrae Acc "A" Battery.....	18.00
1 Pair No. 163 Frost Phones.....	6.00
1 AD Westinghouse Antenna Equipment.....	7.50
	<b>\$37.00</b>

Optional Accessory\*—

1 No. 332722 Rectigon Battery Charger.....	\$10.50
--	---------

**Type A-7 Two-Stage Amplifier.**  
 Can be used with any tuner-detector.  
 Type A-7 Two Stage Amplifier, less Tubes and Batteries.....\$35.00

Optional Accessories\*—

2 C-301-A Amplifier Tubes.....	\$13.00
2 No. 2156 Burgess "B" Batteries.....	6.00
1 No. 6A99 Andrae Acc "A" Battery.....	\$21.00,
Instead of 6A99, \$18.00.....	3.00
	<b>\$32.00</b>

Optional Accessory\*—

1 R-3 Magnavox.....	\$35.00
---------------------	---------

\*For other types of "A" and "B" Batteries, see pages 48-50; Phones, pages 44-45; Vacuum

Figure 7- Monroe D-A-7, D-7, A-7

### Globe Radios: Model 611 / 616

Globe Model 611 Detector and 616 Amplifier followed and are described in Globe Bulletin 21. They were similar to the 610 and 615 but with a simpler cabinet with a full hinged overlapping top like the Airline Detector and Amplifier. They were priced at \$25 each. The 611 / 616 combination was also offered as Model 600 for \$100. This should not be confused with the earlier 610 / 615 Model 600. (Suggestion: get some clarification if a Globe Model 600 comes up in conversation).

According to Bulletin 21, the Model 607 was the combination of the 611 and 616 in a single cabinet. The basic radio was priced at \$55. The Model 601 with tubes, headphones and accessories was \$105. The cabinet is 16.75" wide x 10" tall x 6" front to back. At least 2 different versions of the 607 are known. Both are different than the image in Bulletin 21. See figures 8 and figure 9. These two sets were on display at the March 2010 WARCI swap meet in Milwaukee, WI.



Figure 8 - Globe 607, One Configuration

To Right: Figure 10, Globe Advertisement



Figure 9 - Globe 607, a Second Configuration

### Globe Radios: Models 805 and 810

An advertisement on page 33 of the December 1923 issue of Automotive Electrical Engineer (see figure 10) shows a 4-tube Globe Model 805 complete with accessories. It sold for \$133 without speaker.

December, 1923      AUTOMOTIVE ELECTRICAL ENGINEER      33

# RADIO

**For Sure Winter Profits  
—sell Complete Outfits**

Battery men like to sell GLOBE Radio Outfits because the GLOBE is *Complete*—everything is there from Head Phones to Battery Clips. All you need to install it is a hammer and three interesting hours of your time. Nothing more to buy—nothing to send away for. Blue-print instructions for installing come with every outfit.

**Right Now**—during the "off-season" for automobile batteries—is your time to cash in on Radio. You, as a battery dealer, are the logical one to sell Radio outfits in your town. Hundreds of GLOBE Battery dealers are keeping business lively and profitable this winter by selling the GLOBE No. 805 (shown above).

You don't have to be a Radio "expert." Just rig up a GLOBE No. 805 and it sells itself. You'll get a lot of new customers into your place—men who will have both automobile and radio batteries for you to recharge. You'll find Radio one of the best business-bringers you ever saw. It will make money for you and give you a good time, too. Try it and see.

Drop us a line *Now*. Get the "dope" on this unusual opportunity.

**GLOBE ELECTRIC COMPANY**  
MILWAUKEE, WISCONSIN

Globe No. 805  
4 Tube Radio Frequency Outfit complete, ready to install. Retail at

**\$133.00**  
(Good talker extra)

GLOBE RADIO Sets are made by the manufacturers of GLOBE "Improved" Auto Batteries. These batteries, because of their 30% increased plates, 25% greater discharge capacity and safety, are the industry standard. Write for full particulars.

# GLOBE

## RADIO

The Globe Model 810 appears on the cover of Bulletin 21 (see figures 11 and 12). It is housed in a tall cabinet similar to the 607. The 810 was also offered as Model 800, 801 or 802 depending on the accessories that were packaged with the radio. The basic 810 was \$80. Model 800 was \$140. Model 801 was \$173. Model 802 was \$ 160.

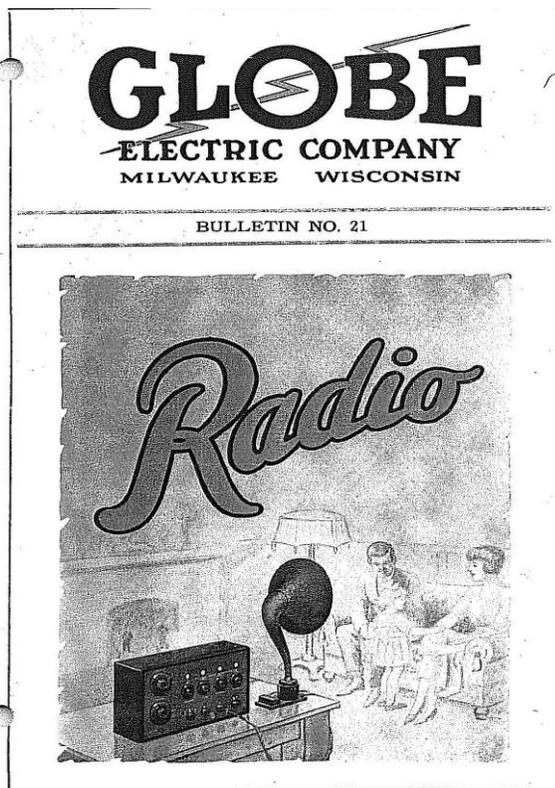


Figure 11 - Globe 810

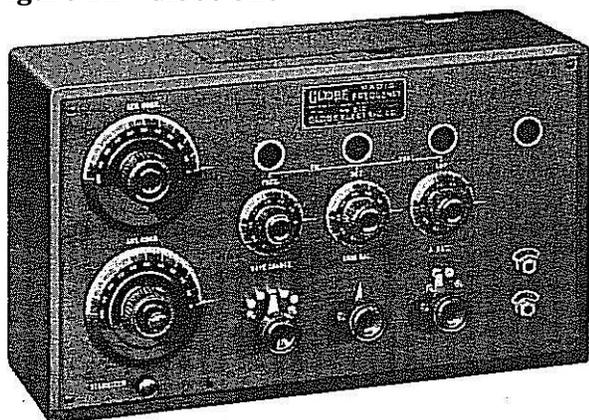


Figure 12 - Globe 810

Other "800" series radios included the Model 815 with meter, model 820 and model 830. The 900 series followed. The 900 also has a meter in the face of the cabinet.

### Globe Radios: Other Models

Other models included variations of the 770. It is frequently seen with either the engraved nameplate or with a metal applied nameplate. Figure 13 shows both variations.



Figure 13 - Globe 770 Variations

*Globe Electric - continued on Page 12*

### Discovery World of Milwaukee - "Tesla Lives!" Show

Filling the stage with 20 million volts of roaring, crackling, sizzling electricity, a continuing live theater show *TESLA LIVES!* delivers an energetic and sometimes humorous glimpse into how our modern world was designed by the godfather of the 21st century, Nikola Tesla. Through Discovery World's latest theater production, audiences will meet the genius who invented the modern world and find the genius within themselves. See [www.teslalives.com](http://www.teslalives.com) for information.

Other later models included the 252, 253, 353, 526, and 626. See figure 14 for a photo of a model 353 and figure 15 for a photo showing a model 626 over a model 526.



Figure 14 - Globe 353



Figure 15 - Globe 626 above a Globe 526

Many of the later Globe radios were engraved with the brand name Duodyne as well as a model number.

Globe also made radio chasses for installation into furniture such as sideboard cabinets and phonographs. One was included in the Dr. Ralph Muchow Auction in 2001. Another is a 5-tube model 1160. See figure 16.



Figure 16 - Globe 1160 Panel

### Identification of Globe Radios

Models 605, 610 and 615 usually have a brass nameplate fastened to the front panel. The lettering is raised and the infill is black. These nameplates have the model numbers, some licensing information and the words "Globe Electric Company, Milwaukee, WIS". They also have a small (3/8 inch diameter) circle with the North and South American continents (globe) encircled with the words "Globe Electric Company". This outer 9/16 inch diameter circle is infilled with red. Some units also have paper labels in the covers.

The Model 607 examples have a metal nameplate on the front panel in slightly different locations. These have raised "silver colored" letters on a black background. They also feature the large GLOBE name with lightning bolt logo. Both 607 models also had a stamped copper "nameplate"

on the inside of the cover. These nameplates indicate that the radio or portions of it were manufactured by the Klitzen Radio Company of Racine, WI. (This dates the radio nameplate to a time prior to April 1925 when Klitzen was listed with a Grand Rapids, Michigan address). (See Alan Douglas Radio Manufacturers of the 1920's, Volume 2 page 167).

Other models with rectangular "silver colored" metal nameplates include the 770 and 820.

Model 626 has an oval shaped stamped brass nameplate on the front panel.

In Models 353, 526, 770, 815, 830, 900 and 1160 in the Boyce Collection, the "nameplate" information and the "Duodyne" trademark name are engraved into the front panel. These also have the stylized word GLOBE with a lightning bolt forward slashed thru the O.

In Models 770, 815 and an unmarked set (possibly made for Sears Roebuck) in the Boyce Collection the front panel also has a distinctive single line border scribed into the panel approximately 1/2 inch from all four edges.

Most of the Globe radios have a stamped numbered metal tag fastened to the chassis.

### **Globe Radio Bulletins: Listing and Dating Globe Radios**

Dating the Globe Electric radios is a challenge. Several model numbers were re-used on successive radios. Most of the Globe Bulletins are not dated or maybe I have not researched them deep enough to find out when they were printed. One may speculate that the Bulletins were printed consecutively and therefore the later, undated ones were probably published between 1923 and 1925.

An undated Globe brochure lists the following models: 610, 615, 600 (models 610 and 615). The speculative date is **1922**.

Globe Bulletin 21 (undated) lists the following models: four-tube Model 810 (800, 801, 802), 611 Regenerative Tuner-Detector, 616 Two-Stage Amplifier, three tube Model 607 (601), Model 600 (611 and 616), No 625 (Globe) Loud Talker ornamental horn for \$22.00. This same horn appears on pages 18 and 51 of the **1923** Montgomery Ward Co. Radio catalog for \$9.75.

An undated Globe brochure lists the following models (complete for **earphone** reception):770 (771), 815 (819), 900 (901), 775 (776), Globe Console Radios No 772, 773, 825, 826, 902, 903, and Globe Radio Table No. 20 with built-in speaker. In general, the images of the console radios show radio panels without nameplates or engraving. If you find a "Globe" radio chassis without identification, it may have come out a console or it may be a relative.

Globe Radio Bulletin 25 (undated) lists the following models: 775 (776, 777, 778), 815 (816, 817, 818).

Globe Bulletin 28 (undated) lists the following Radio Models 770, (771), Console (38 inches high, 30 inches wide, 13 inches deep) versions No 772 Console with 770, 773 Console with 771. No. 775 (776) 9 inch high, 16 inch wide panel), 815 (819), 900 (901). Consoles (39 inches high 36 inches wide, 127 inches deep) including No. 825, 826, 902 and 903. Shown on page eight is the No 20 Globe Radio Table, and Radio Model Nos. 611, 612, 616 and 617.

Globe Bulletin 28A Pricelist (**Feb 1925**) lists the following models: a series of Model 770 and variations including 771, 772 and 773 series. Prices ranged from \$50 to \$184.

Globe Bulletin 28B Globe DuoDyne Receivers Parts Accessories: (undated) includes models 2-53, 3-53, 900, 770, 830, 834 (Console version of 830), 904 (Console version of 900), and the No. 20 Globe Radio Table.

Globe Bulletin 28C (undated) lists the following models: 626 (627, 628), 526 (527, 528), 253 (254, 255), 830 (831, 832), 770 (771, 772).

The Globe Bulletin 28C pricelist (**Feb 1926**) lists the following models: 626 (627, 628), 526 (527, 528), 253 (254, 255), 830 (831, 832), 770 (771,772). Prices without tubes were 626 \$52; 526 \$35.75; 253 \$45.50; 830 \$42.25; 770 \$26.

### Other Listings of Globe Electric and Globe Radios

The Globe Electric Company was listed in the Radio Merchandising Buyers' Guide for 1922, the Radio Dealer Yearbooks for 1923-24 and 1925-26, the McGraw-Hill Trade Directory, November 1924 and August 1925, and the McGraw-Hill Trade Catalog / Directory, November 1926.

Globe radios were listed in the Radio Industry Radio Receiving Sets listings in 1924 (June), 1925 (June and November), Radio Retailing's Receiving Sets listing in 1925, the Radio News Set Directory in 1925, and the Radio Merchandising Specifications listing of 1926.

Globe radios were included in the John F. Rider Complete Trouble Shooter's Manual, Set Catalog, published in 1933 (which was the basis for the McMahon bluebook noted below).

Vintage Radio 1887-1929 by McMahon/Greenwood indicates the following Globe models and years:

1923: 810.

1924: 770, 775, Duodyne, 815 Duodyne, 900 Duodyne, 815, 900.

1925: Panel, 700, 770, 772, 830, Duodyne Series-775, 815, 880, 900.

1926: Duodyne.

The McMahon "Radio Collector's Guide 1921-

1932" (Bluebook) indicates similar Globe models and years with a few inconsistencies.

WARCI member, Greg Hunolt, has compiled a more complete tabulation of Globe Electric Radios, features, tube counts, circuit types and dates in his "Battery Set Compendium". It is available to download from the WARCI website, [www.warci.org](http://www.warci.org) . I encourage you to view it to supplement this article.

### Globe Accessories and Related Items

Figure 17 shows the Globe 2400 ohm earphones. These earphones were previously owned by Carl Knipfel and Dick Bury. Globe Bulletin 21 page 12 clearly shows other earphones including the distinctive 2000 ohm and 3000 ohm units made by BASCO.



Figure 17 - Globe Earphones

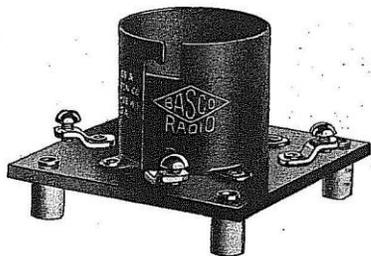
Bulletin 21 shows a variety of Globe radio "A" and Radio "B" batteries. In addition, the bulletin offered French "Ray-O-Vac" "A" and "B" batteries made in Madison, WI. (Ray-O-Vac will be another WI Radio Story).

On page 33 of Bulletin 21, the 4-pin tube socket is a BASCO tube socket. It is described as follows:

"The tube sockets used in Globe No 605 sets are strongly constructed of heavy brass, oxidized black and riveted on a black Bakelite base. Contact springs are of phosphor bronze." They were available for table mounting, panel mounting and completed with grid condenser mounting clips and panel mounting bracket. See figure 18 below.

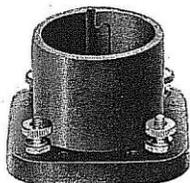
MILWAUKEE, WISCONSIN GLOBE

Vacuum Tube Sockets



The tube sockets used in Globe No. 605 sets are strongly constructed of heavy brass, oxidized black and riveted on a black Bakelite base. Contact springs are of phosphor bronze.

- No. 955. Tube Socket, with table mounting .....\$0.50
- No. 956. Tube Socket, with panel mounting..... .60
- No. 957. Detector Tube Socket, complete with grid condenser mounting clips and panel mounting bracket..... .80

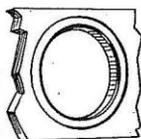


- No. 960. Genuine molded Bakelite Socket, complete with bronze springs and binding post connections..... .75
- No. 961. Molded Bakelite Socket as above, for WD11 Vacuum Tubes ..... .85

Panel Bezels

For trimming tube observation holes in panel. Globe bezels are made of brass, heavily nicked, and are a snug fit in a 3/4" hole.

- No. 972. Bezels.....\$0.12



Page 33

Figure 18 - BASCO Tube Sockets

BASCO also made grid leak resistors of a unique size for these clips.

The nicked binding posts shown on page 34 of Bulletin 21 are the "captive" non-removable knurled knob type. They are described as being supplied on Globe Nos. 601, 610 and 615 units.

They also are used on Monroe and Airline radios. They also appear in BASCO literature from 1922.

Bulletin 30-B, September 5, 1928, shows that Globe made battery eliminators including the Model B (see figure 19 below). This one is pictured on page 4. It is described as Catalog No. 400. It uses a QRS 85 milliamper rectifier tube or equivalent. On a side note, I wonder what the reaction was for a company so deep into batteries to get on the band wagon with battery eliminators.



Figure 19 - Globe B Battery Eliminator

Globe Radio Advertising

Globe radios were advertised in publications such as The Milwaukee Journal and Sentinel, The Prairie Farmer, Radio Industry and Radio News. In 1924, 1925, 1926 Globe radios were sold through Milwaukee stores including Badger Music Shop, Hartman's (Department Store), Home Furniture, Waldheims and The C.W. Fischer Furniture Co. A Feb 1, 1925 ad by Hartman's shows a Globe 815 DuoDyne for \$110 and a Globe 770 for \$55. A March 1, 1925 ad by C. W. Fischer lists a 4-tube Globe complete with accessories for \$110.25 and a 5-tube complete for \$157.25. A March 15, 1925 ad by C.W. Fischer lists a 5-tube Globe DuoDyne in a side-by-side phonograph cabinet for \$196. A Feb 21, 1926 ad by Hartman's lists a Globe 815 for \$55 and a Globe 900 for \$69.

## Conclusion

Other known "Globe Radios" were made by Globe Radio Co of Detroit, MI, Globe Phone Mfg. Co. of Reading, PA, Globetrotter, and Globe Electronics of New York. Other radios which appear to be very similar to Globe radios are known. I will leave it to others to tell us about the Globe Electric relatives and their stories.

I express my thanks to the following people for conversations, correspondence, copies of materials and photos which were the basis for this article: Greg Hunolt, Glenn Trischan (copies of price lists), Ralph Larsen, Dave Milke, Stuart Oliver, Joe Grivitz, Jim Collings, Jay Volke, Bob Paquette, Keith Winey, Carl Knipfel, Ken Wirth, Charlie Kempker, Cheryl Dudzik, Steve Raymer, Chris Boyce, Katie O'Brian (Globe model 605 photo), the late Dick Bury, the late Bob Evans, the late Joe Pavek and the late Dr. Ralph Muchow. Special thanks to Ken Wirth and Charlie Kempker at the Johnson Controls Archives. I apologize if there are others who have shared information that I have not listed. Any errors in the article are mine.

Corrections, comments, photos, artifacts and information about 1920's radios made by Globe Electric and other Wisconsin Companies are always welcome. You can contact me at [radioman@wi.rr.com](mailto:radioman@wi.rr.com) or call 414-840-4146. (30)

## More Globe Photos!



Figure 20 - Globe Model 815



Figure 21 - Globe Model 820 (incorrect knobs)



Figure 22 - Globe Model 830



Fig 23 - Globe Model 900

The set below appears to be a receiver made by Globe possibly for sale by Sears.



## WARCI Radio Services

We now have a list of WARCI members who would be willing to provide repair / restoration services, advice or research for folks who contact WARCI looking for help. If you would like to be added to the list, please let one of the Board members know.

Name	Email	Telephone	Service Available
Ben Bensaïd	ACompSys@aol.com	262-725-4370	Restoration of tube radios and Hi-Fi tube components.
Dwight Church		414-545-6972	Radio repair – electronics only.
Bill Engaas	craftyradio@earthlink.net	262-786-8183	Speaker Repair.
Ralph Larsen	radioralph@hotmail.com	414-278-7981	Repair, including Television.
Mike Lewis	deepheart@att.com	608-835-7193	Repair, restoration, training.
Jim Meyer		414-333-5686	Radio repair and cabinet refinishing.
Dave Milke	wb9egz@gmail.com	608-838-9661	Parts, tubes, and free advice.
Greg Hunolt	ghunolt@excelnet	920-893-0422	Research, especially on 1920's radios.

### WARCI Needs You!

If you would like to become more active in WARCI, please step up! Organizations like WARCI depend upon volunteers for their success. Areas where you can help include:

- Public relations.
- Providing radio services such as repair / restoration.
- Contribute newsletter articles or information from which an article can be written.
- Contribute items for the WARCI website – such as photos of your Wisconsin-made radios to add to our gallery.
- Help us plan and implement the future auction.
- Give us your ideas on how we can make WARCI better for you!

### WARCI Appreciates

Each issue we will salute one of our volunteers.

This month WARCI thanks go to past presidents Dale Boyce and Bill Engaas (now vice president) who continue to give of their time in a variety of ways to help WARCI be successful.



## Odd Bits

Send in your odd story about strange doings in the world of radio collecting, or weird items from old radio

*Didn't get any from you for this issue!*

## News from the Neighboring Clubs

### ARCI

**Antique Radio Club of Illinois**

[www.antique-radios.org](http://www.antique-radios.org)

**Indoor Swap Meet - February 6, 2011,  
7:00AM - 11:00AM.**

**American Legion Hall,  
570 S. Gary Avenue, Carol Stream IL  
(see ARCI website for map / directions)**

A Business meeting will include election of officers. Also: People's Choice Contest, Boy Scout Pancake Breakfast / free coffee, juice, cookies, and 50-50 Cash Raffle.

(The next ARCI meet will be April 3, same time and place.)

### MARC

**Michigan Antique Radio Club**

[www.michiganantiqueradio.org](http://www.michiganantiqueradio.org)

The MARC Winter Meet will be held Saturday, January 29, 2011, in Farmington Hills, Michigan, at the Costick Activities Center, 38600 Eleven Mile Road, Gate 4, Door A. Set-up is at 8AM, the meet is open 9AM - 2PM. Activities will include Flea Market, Equipment Contest, 50/50 Drawing, Seller's Drawing, Silent Auction and Donation Auction. Check the MARC website for more detail, or call Rob Murrell at 248-399-2149.

### NARC

**Northland Antique Radio Club**

[www.northlandantiqueradioclub.com](http://www.northlandantiqueradioclub.com)

### WORKSHOP AND

### MINI-SWAP MEET

On Sunday, February 6, 2011, The Northland Antique Radio Club and the Museum of Broadcasting will present the annual Radio Workshop, a technical presentation where you can learn some of the best new ideas about old radios.

The workshop will take place at [The Museum of Broadcasting](#), located at [3515 Raleigh Avenue, St. Louis Park, Minnesota 55416](#).

### WARCI

**Wisconsin Antique Radio Club, Inc.,**

[www.warci.org](http://www.warci.org)

**2011 Swap meet Dates:**

**January 23, 2011**

**March 27, 2011**

**May 8, 2011**

**July 17, 2011**

**September 18, 2011**

**Note Our Meet Policy:** WARCI Meets officially start at 8:00AM. Doors to the Terminal will open at 7:00AM for inside set-up. Folks may park, set up outside, and swap away before 7:00AM, but there will be no access to the building until 7:00AM.

# Scenes from the October 3, 2010 Swap Meet



## Classified Ads

**HELP NEEDED:** Would like to contact owners of 1920's battery sets, literature, and equipment made by Globe Electric Company of Milwaukee, WI, to survey existing model types and variations for development of a company history. All responses will be kept confidential. Thanks.  
Glenn Trischan, P.O. Box 240022, Milwaukee, WI 53224. E-mail: [gnets142@att.net](mailto:gnets142@att.net).

**WANTED:** Any set made in Plymouth, WI, by the Plymouth Radio and Phonograph Co.  
Greg Hunolt, N5412 State Hwy 57, Plymouth, WI 53073, Email [ghunolt@excel.net](mailto:ghunolt@excel.net) or 920-893-0422.

**SERVICE:** Michael Lewis – Radio Repair / Restoration and Training. You can hire me to restore your antique radio, but why not hire me to teach you to do it yourself? I've been teaching people how to electronically restore antique radios for over 30 years. I've assembled an incredible supply of parts, literature, and test equipment over more than 40 years. With two long-term students already, I've recently retired from my day job to devote full time to my antique radio restoration business. Whether you need just one session for some help on a "tough dog" or want to learn over the long term how to restore radios, I'm available through the end of 2010 at an introductory rate of \$15/hour, and able to make available to you the facilities described below.

At your command: test equipment including digital and analog multi-meters, high and low voltage bench power supplies, AF and RF generators, and much more. Also a large stock of parts including 50,000 vacuum tubes, and a comprehensive technical library spanning the 1920's-1980's, including the Riders and Gernsback manuals, and Sams Photofacts, and various factory manuals.

Michael Lewis, 6070 County Road D, Oregon, WI 53575, Phone: 608-835-7193, Email: [deepheart@att.net](mailto:deepheart@att.net)

**SERVICE:** Ben Bensaïd - Authorized eBay Consignment Seller. Use my experience, reputation and education as a power-seller to sell the items you have lying around your home to put added cash in your pocket! It's easy as 1-2-3! Simply follow the simple steps below:

- 1) Drop off the item you would like to sell and I will research the current value of your item, work with you on a detailed on-line description and take premium photos to post on eBay.
- 2) Provide me with your e-mail address and I will send you a link to the auction so that you can experience the thrill of watching the on-line bidding on your item.
- 3) Collect the payment for item after it sells!

That's it! I will do all the research, writing and photographing as well as the packing and shipping of your item. After the sale, I will collect the payment so you don't have to worry about fraudulent buyers. When payment has been received from the buyer, a check will be sent to your address. My fee is 33% or 1/3 of the sale price, which covers my costs, eBay and Paypal fees. It's that simple.

Ben Bensaïd, 172 Sundew Ct., Elkhorn, WI 53121, Phone: 262-725-4370, Email: [acompsys@aol.com](mailto:acompsys@aol.com)

**WANTED:** DeForest Plug-In Butterfly Coils – Terry Hanney, 414-545-6425

Remember that classified ads up to about ¼ page are free to WARCI members.

The cut-off date for all newsletter material is about the 15th of the month preceding publication of the next newsletter (e.g. April 15 for the May issue). Send ads by email or letter to Greg Hunolt, WARCI News, at [ghunolt@excel.net](mailto:ghunolt@excel.net) or N5412 State Hwy 57, Plymouth WI, 53073.

*Note: We will add business cards for WARCI members in the May 2011 issue. If you'd like your card included in the newsletter, please get it to me by April 15.*