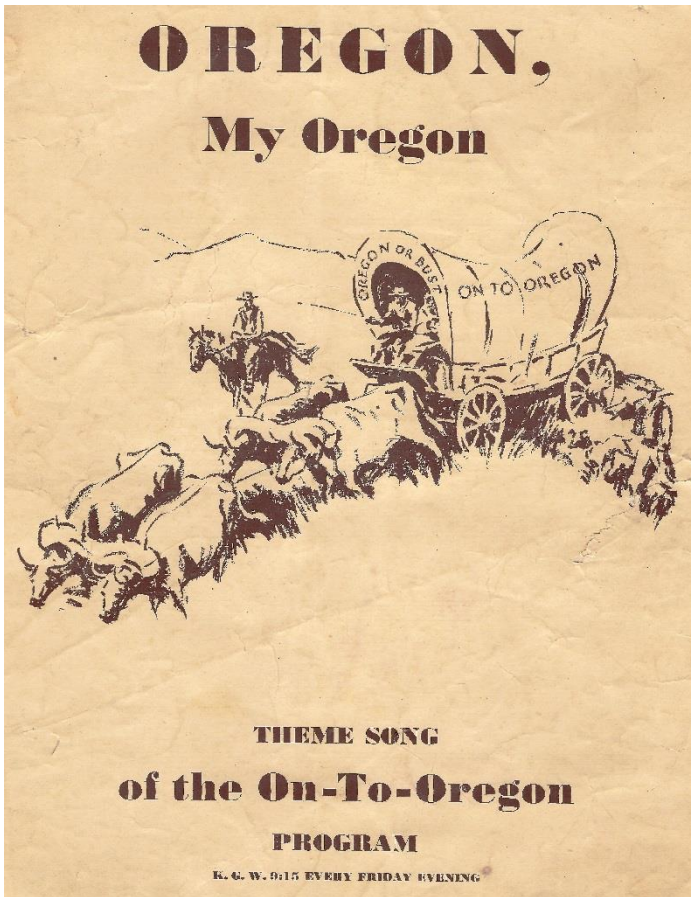


The

# Call Letter

February 2020

Vol 46, #2



Sheet music for the Early 1930s KGW show "On To Oregon"

# The Northwest Vintage Radio Society

Post Office Box 82379  
Portland, Oregon 97282-0379

The Northwest Vintage Radio Society is a non-profit historical society incorporated in the State of Oregon. Since 1974 the Society has been dedicated to the preservation and enjoyment of "Vintage Radio" and wireless equipment.

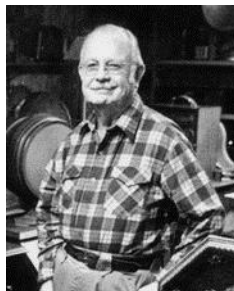
Membership in the Society is open to all who are actively interested in historic preservation. The dues are \$25.00 for domestic membership, due on January 1st of each year (prorated quarterly).

The Call Letter has been a monthly publication since 1974. It was originated with the founder, Bob Bilbie, and our first president, Harley Perkins. Through several editors and with the assistance of numerous society members, the Call Letter has continued to be a publication that informs members of the society's business and that supports the hobby of collecting, preserving, and restoring vintage radios.

Society meetings are held the second Saturday of each month at the Abernethy Grange Hall at 15745 S. Harley Ave. in Oregon City, Oregon. They convene at or about 9:30 AM for the purpose of displaying radios, conducting Society business, and exchanging information. Guests are welcome at all Society meetings and functions (except board meetings).

Other Society functions include guest speakers, auctions, radio shows, and radio sales which are advertised in the Call Letter and are held in and around Portland.

With each issue of the Call Letter, we remember Jim Mason, a charter member of the society who remained active until his death in 1999. A generous bequest from Jim's estate ensures the vitality of the Northwest Vintage Radio Society, and continued publication of the Call Letter.



## Society Officers

President	Pat Kagi 360 909-7009	<a href="mailto:patkagi@yahoo.com">patkagi@yahoo.com</a>
Vice President	Franklin Ouchida	<a href="mailto:crazykeychains@gmail.com">crazykeychains@gmail.com</a>
Treasurer	Ed Tompkins (360) 573-3895	<a href="mailto:edtomp@Q.com">edtomp@Q.com</a>
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Call Letter Editor	Don Hanson 503 630 2720	<a href="mailto:vanguard4@lycos.com">vanguard4@lycos.com</a>

## On the Cover

Sheet music for the KGW "On To Oregon" program Fridays at 9:15 pm.  
Found in listings from the early 1930s - Dan Howard

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## Announcements

**February 2020 meeting** will start at 9:30 AM on Saturday, Feb. 8

**February Monthly Feature** Bring what you want to show!

**February Tech Talk** none this month

**February Tube of the Month** Show us something!

**Leads and Needs** - The Swap Shop has returned to the Call Letter.  
Member ads are free and can either be permanent or temporary.

**Editor's Note** - Please have March Call Letter contributions in by  
Sunday, March 1. Articles & Ads welcome. (Tube labels too).

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Visit our web site at:

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

Find us on Facebook:

[www.facebook.com/nwvrs](https://www.facebook.com/nwvrs)

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## **President's Message February 2020:**

Please remember to pay your NWVRS dues for 2020 and to fill out the NWVRS 2020 survey as this is your club and we need your help in directing the club for the coming year. Dues are \$25 per year, or \$20 if you just want the electronic copy. Pay at the meeting or mail it with your check or money order made out to NWVRS for \$25 to Northwest Vintage Radio Society, PO Box 82379, Portland OR 97282-0379

Some of the members that have been in the club a long time remember when we use to have an Open House. This is when a member invited the club over to their house to show their collection and allowed an opportunity for others to get to know them better.

Dick Howard has been gracious enough to invite the members over to his home right after the February 8th meeting and refreshments will be served! This will be the first of hopefully many events like this where we can get together and have fun

Thanks, Pat

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## **Vice President's Message February 2020:**

**Members Needed for 2020 Committees: Contact Franklin**

**February Feature of the Month: "A"**

**Tube of the month: "Acorn Tubes"**

**Tech Talk: "Antenna" - Coil Antenna by Sid Saul**

**Members Auction: "Bring an item to auction"**

No buyer fee, no seller fees. We will auction an item of a NWVRS members! Members can set a reserve or no reserve and let a new owner enjoy a loved radio. Items may be limited to available time.

**For the year:**

March Features of the Month: “B” Subject  
Tech Talk: “Broadcast” Ham radios By Mel Sutton  
Tube of the month: “B”

April: Swap Meet

May Features of the Month: “C”  
Tech Talk: TBA  
Tube of the month: “C”

June Features of the Month: “D”  
Tech Talk: TBA  
Tube of the month: “D”

July: Club picnic

August Features of Month: “E”  
Tech Talk: TBA  
Tube of the month: “E”

September Features of the Month: “F”  
Tech Talk: TBA  
Tube of the month: “F”

October: Swap Meet

November Features of the Month: “G”  
Tech Talk: Open  
Tube of the month: “G”

December: Christmas party

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It’s just some thoughts.

Franklin Terry Ouchida

## **NWVRS Meeting Minutes – January 11, 2020**

President Pat Kagi called the meeting to order at 9:30 AM. Members pledged allegiance to our nation's flag. There were approximately 50 people at our meeting today.

### **OLD BUSINESS**

Mel Sutton mentioned that we will be having a 50/50 drawing at our future meetings. Blake Dietze told the group that he is working on a circuit board for a battery set power supply.

### **NEW BUSINESS**

Our archives will be stored at our meeting location. We have a large file cabinet for our items; and Jeff LaDoe will take care of our archives. The group decided to continue to have two NWVRS email groups. There were no meeting minutes from our Christmas Party.

Jeff LaDoe reported that our Library is doing fine. He reminded everyone to return books on time. Robbie Robinson said that he is recovering well from his cracked ribs. The fee for downstairs tables at our upcoming Swap Meet will be \$10.00. Alan Whetzel is a new NWVRS member today—welcome Alan!!

### **LEADS AND NEEDS**

Damon needs 2 keys for wind-up clocks. Larry Tobkin needs an antenna coil for a Troy Model 40.

The Program Topic today is “Bring What You Would Like.” Members showed and discussed the radios that they brought. The Program Topic for February will be radios that have an “A” in their brand name. The meeting was adjourned and we had a small auction.

Recorded by Liles Garcia, Secretary

## Calendar of Events

February 15, 2020. Salem Hamfair & Computer/Electronics Swapmeet. Rickreall, OR at the Polk County Fairgrounds. *This is an ARRL sanctioned event.* <http://www.w7sra.com> .

March 7, 2020. Mike & Key 39th Electronics Show & Fleamarket. Puyallup fairgrounds exhibition hall, Puyallup, WA. <http://www.mikeandkey.org/index.php>

March, 21 2020. (Tentative Date) MicroHams Digital Conference. Redmond, WA. <https://www.microhams.com>.

**April 11, 2020. NWVRS Spring Swap Meet. VFW Post #6057, 21510 Main St. NE, Aurora, OR.** <http://nwvrs.org/Events/events.html>

April 18, 2020. Yakima Hamfest. Yakima, Washington. <http://yakimaamateurradioclub.com/yakima-hamfest/>

April 25 & 26, 2020. Communications Academy. South Seattle Community College, Seattle, WA. <http://commacademy.org/>

May 2020. Stanwood Camano Amateur Radio Club Flea Market and Hamfest, Stanwood Middle School, Stanwood, WA. Contact: Fred Laun, [w7pig@arrl.net](mailto:w7pig@arrl.net)

May 9. Stanwood Camano Amateur Radio Club Flea Market and Hamfest, Stanwood Middle School, Stanwood, WA. [http://www.scarcwa.org/ham\\_fest.shtm](http://www.scarcwa.org/ham_fest.shtm) Contact: Fred Laun, [w7pig@arrl.net](mailto:w7pig@arrl.net)

**July 11, 2020. NWVRS Speed Feldschau Sale & Picnic. 9 am to noon. Abernethy Grange, Oregon City** <http://nwvrs.org/Events/events.html>

**Oct. 10, 2020. NWVRS Fall Swap Meet. VFW Post #6057, 21510 Main St. NE, Aurora, OR.** <http://nwvrs.org/Events/events.html>

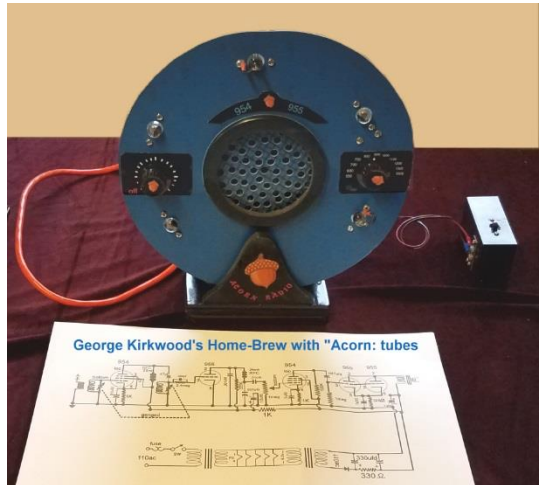
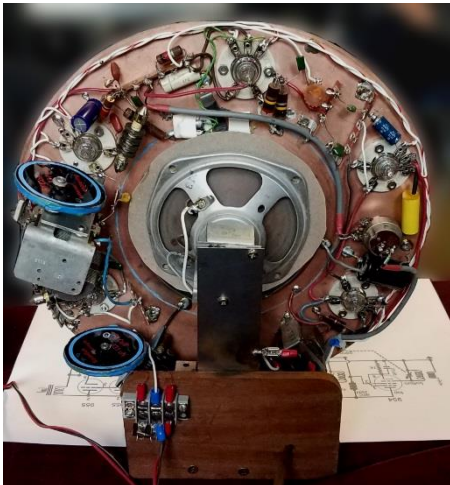
# January Monthly Feature – Members' Choice

Photography by Sonny Clutter

Dick Howard - Hypersonic Model 0082 1990 (See ARC 2003 for info)



Dick Howard's Hypersonic Neon Radio



George Kirkwood's Home-Brew with "Acorn" tubes

George Kirkwood's homebrew "Acorn Radio" uses all acorn tubes



**Pat Kagi - Crosley Model 165 and Jackson Bell Model 60 projects**



**Dan Howard**  
**Silvertone**  
**5-tube made**  
**by Detrola**

**Sonny Clutter's 5-tube Admiral submini superhet from the early 50s**



**Sonny Clutter's - Tiny Admiral**



**Mike McCrow's Philco 70**

**Mike McCrow**  
**Philco Mod. 70**  
**1931 – 1932**

**Jerry Hertel - '70s Panasonic Model 6250 - tunes by varying voltage across diodes. The tuning dial reads the voltage across the diodes**



**Larry Tobkin's  
Philco 37-60  
from 1937, the  
last year for  
cathedrals.**



**Art Redman**

**The radio is in a Meier & Frank branded type 222 box**

**Art Redman's - Tube Collection**  
 (Note the Philmore Radio and its box disguised as a #22 tube)

**Andrew Galante - Tube prototyping breadboard kit by DeVry**



**Roger Brown homebrew with doorknob tubes from Bob Lee's Store**



## Daniel Wells' Pine Board Transmitter



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## Dick Howard Mini Bio and Open House

By Dick Howard (with intro by Pat Kagi)

Dick Howard has agreed to have the first open home right after the February 2020 meeting. This is something that is not new, but we use to do this years ago. The open house was intended to members to get to know each other. They can come by and visit and the host can show off his collection, workbench, etc., whatever is comfortable. This is open to all members. – Pat Kagi

My first exposure to radio came when a neighbor presented me with his late father's Philmore Crystal set, the thirty's nickel plated version. Fortunately at six years of age I soon lost interest and made no "improvements" and it survives today as the first item in my collection.

From earlier than I can remember electricity has fascinated me, always being an object of my attention so when at about ten, when a classmate offered to show me how to make a one tube radio from parts of a trashed Atwater Kent, I was hooked. From that start, I just about wore out the school's copy of Albert Morgan's First Radio Book for Boys. My next textbook was a copy of ARRL Handbook for 1950 that my mother found on the fifty cent table at J. K. Gills. Talk about being in over my head! But the local news stand furnished copies of CQ Magazine and Radio/Television News. So my radio education flourished even if it wasn't formal.

"Misery loves company" or "Water seeks its own level" so I became a good friend with a radio amateur in one of my engineering classes at Portland State. He prodded me into signing up to take the Technician and Novice FCC exams (in those days they were administered by volunteer amateurs.) He called me to come take the exam the day the papers came so I was faced with the necessity of learning the dreaded code!!!! Talk about Burning the Midnight oil!

May 25th, 1958 the envelope arrived from the FCC. A perfectly collectable ARC-5 transmitter was destroyed.

Ham radio generated the inevitable "junk-box" some of which was too nice to "improve" or destroy so the "Collection" began to evolve.

My collection has developed over the years to include the first TV that I disassembled and smuggled into the house and then reassembled since my father didn't want any TV that wasn't Color! (He did like to watch my ancient B&W after all.)

Just like other collectors some things just "Follow you home." What do I collect? Old ham gear, of course! Military, absolutely, especially WW1. Oregon/Washington, I love it especially because some of what I have come from the personal estates of Joe Hallock and Charley Austin.

But the main criterion is that it has a history and its own personality.

It has certainly been fun to be a part of the NWVRS since the very first when the Bilbys ran that ad and gathered some of us "Closet collectors" to see and buy some of their treasures.

**To reach Dick Howard's home:**

From I-205 take Exit 16, Johnson Creek Blvd; thence East one quarter mile to S. E. 92nd Avenue (traffic signal); thence South one half mile to S. E. Idleman Road (traffic signal); thence East one mile (to top of hill) to S. E. Walnut Drive; thence North one quarter mile to S. E. Tyler Road; thence East two blocks to second left (S. E. French Acres Drive.) Our home is large grey house on the corner (9999 S. E. French Acres Drive.) There is an ornamental lamppost in front.

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**Radiolaguy's Monthly Showcase by Sonny Clutter**

Unusual, RARE Electro-Voice A20-C "Circlotron" Amplifier

These amplifiers are *mono-block* units that employ a unique push-pull, class B output stage. E-V refers to this as the "Wiggins Circlotron"



Reference:

<http://radiolaguy.com/Showcase/RadiolaguyMonthlyFeature-Ref-2-20.htm>

Article:

[http://radiolaguy.com/Showcase/RadiolaguyMonthlyFeature\(2-20\).htm](http://radiolaguy.com/Showcase/RadiolaguyMonthlyFeature(2-20).htm)





## Another Bench Repair by Sid Saul

A few months back at a club auction I was lucky to acquire a beautiful General Electric model 74 table radio. I could see evidence of past work, so felt safe powering it up via my variac. The radio sounded terrible.

The first audio tube, a 6F5 black metal tested weak. I couldn't find a replacement in stock, so one of our club members graciously handed me a glass replacement tube at our last meeting. I felt safe using glass due to running audio frequencies. Still sounded terrible.

What to do. The first thing was to grab my audio signal tracer. The sound was normal at the signal grid pin 4 of the 41 output tube, which by the way tested good. Now moving to pin 2, the plate of this 41 tube. I would have expected a much strengthened audio signal.

Instead there it was again. That weak and distorted sound heard through the speaker. A reasoned guess led me to the culprits. The previous owner had replaced C24, originally a 10 Mfd 450 volt bypass condenser across R20 the 410 ohm wire wound cathode or bias resistor. The resistor was indeed open, and the replacement cap rated at 20 Mfd tested at 40 Mfd, twice the marked value. The ESR should have been about 1.5 ohms, instead tested at 8.5, please see the table in photo. I'm getting good use of that \$8 LCR meter! Replacing these two items has this radio playing as it did new. Improper biasing and lack of current flow from the open resistor, and perhaps some audio gain issues from the bad cap. Another successful day at the bench

## Swap Shop

**Ads are free and can be permanent, or 3-month, with an asterisk added each month for tracking. Contact editor to extend.**

**Please contact the following members to be trained in Radio Repair**

Bruce Baur	503 708-4537	Milwaukee
Blake Dietze	360 944-7172	Vancouver
Mike McCrow	503 730-4639	Aloha
Sid Saul	503 869-5280	Hebo
Ed Tompkins	360 573-3895	Vancouver

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WANTED: Radios made in Oregon. I do have some to trade. Thanks in advance. Dick Howard (503) 775-6697 [dhoward27@comcast.net](mailto:dhoward27@comcast.net)

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WANTED: Austrian Minerva receiver model 388 made in 1937-1938. The model number should be on the center column on the front bakelite housing below the magic eye but if missing will be stamped on the back. Bob Krassa bob@krassa.com or call 303-475-2824. Thanks! (Bob is a member of the Colorado Radio Collectors Antique Radio Club)

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Want to purchase a nice clean vintage, recurrent sweep (not triggered sweep) scope such as: Heathkit; O-10, O-11, 10 -10 or 10-4105 or something similar. Need not to be in working order but must be clean and very good and restorable condition. I will pay your fair asking price if you have what I am seeking.

C. E. "Sonny" Clutter; AKA: the RadiolaGuy

Email: radiolaguy@outlook.com

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I need the special probe for the RCA Oscilloscope WO-33A. The number is: RCA WG-349A. Raymond Holland, 360-989-5981

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For Sale - B.F. Goodrich Model R459

AM + SW (big console) \$20

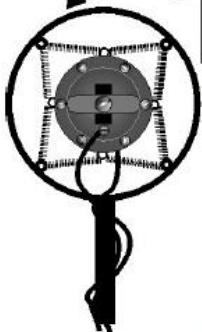
Call Robbie Robinson 503 810 0565 \*

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I wish to purchase a 1942 Model 985866 Portable radio as pictured. Please contact me at 360 695-6349 or (C) 360 989-5981. The radio is ID'd by the Model # and the GM under the dial. - Ray Holland \*\*\*



# Reliving Radio



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Dick Karman has been part of the Northwest Vintage Radio Society for four decades. He loves history, and radio!

If you have associations with other groups or events, please suggest his services to them.

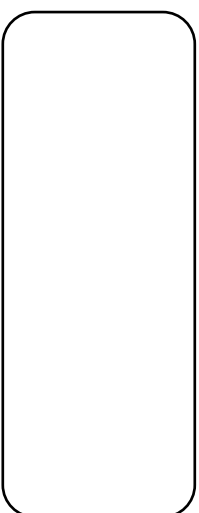
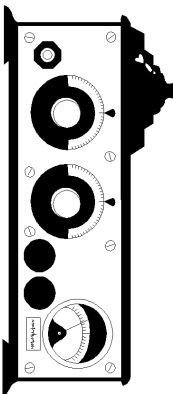
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