

# OREGON AMATEUR TELEVISION

FALL

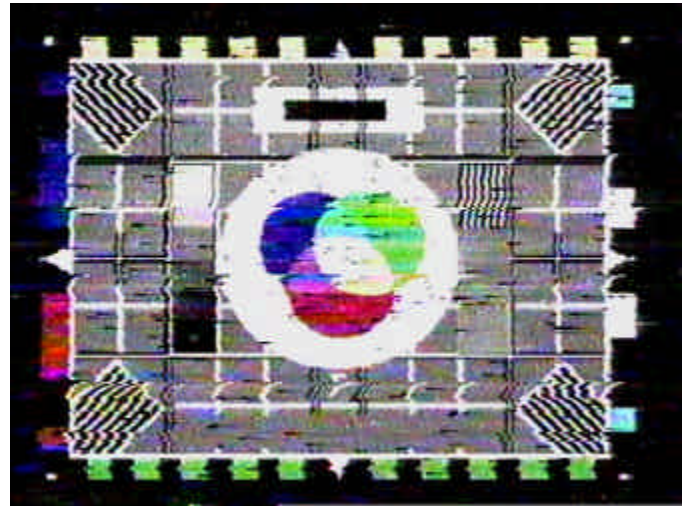
DECEMBER 1999

## *"Are you ready for some good news?"*

These were the words of our favorite tower climber, Robert Rodgers, on October 18, 1999. The words preceded the announcement that he was seeing a "rock solid" picture from the 2.4 GHz link transmitter in Salem. The words brought 40 miles of smiles, the distance between the two sites.

This new capability for the OATVA and SATVA ATV clubs means we'll soon be able to share live video with each other during a combined net with hams in both cities contributing to the content. Up until now the Salem ATV'ers were watching Portland, but we couldn't see them.

November 8th 1999 was a historic Monday nite ATV Net. It was the first successful link to Salem. We received great pictures from Dan, WA7ABU. We did not have the sound connected yet, but it was a great first effort. We have found that when the link is up and Salem is not sending, our own 1.2 GHz FM signal gets into the 2.4 GHz receiver just enough to key it up over and over again. This should not be a problem if we just turn off the link when it is not being used.



*Screen Capture of Salem Amateur Television test pattern as viewed in Portland*

The OATVA website is found on the internet at the URL :

<http://www.lloydio.com/oatva.html>

Soon to include new images and information

*A very special meeting is planned for December. Ed, WB2QHS has arranged for OATVA to visit the facilities of Oregon Public Broadcasting. We'll receive a presentation, from OPB's Director of Engineering Everett Helm; on the new digital High Definition television installation at KOPB.*

SEE THE DETAILS INSIDE .

# OATVA's Big Meeting for Wednesday, December 8, 1999

To finish the year in a grand fashion, Ed; WB2QHS, has arranged a presentation on the Oregon Public Broadcasting HDTV installation as the subject of our meeting for December 8, 1999. For a preview of the subject check the URL at: <http://kopb2.opb.org>

The meeting will not be at the usual place. This OATVA activity will go "on location" to the OPB studios on SW Macadam Avenue in Portland. Meeting and Presentation will begin at 7:00 PM. Please be there slightly ( 10 minutes ) early. I think it would be helpful if we could all be there at one time to be escorted to the meeting room in the OPB studios. To make life easy for our hosts we'll try to go in as a group, needing only one escort. Talk in on 146.43 simplex as usual.

Where is it? From I-5 Southbound, Exit 299A. From I-5 northbound, Exit 298. From I-405 Southbound, Exit 1C. Then follow signs to Hwy 43 South, or Lake Oswego to get to Macadam Avenue, Southbound. OPB building main entrance is at 7140 SW Macadam, on the East side of the street. You can't miss the big dishes. OPB is on Macadam just north of Taylor's Ferry Road. The front door will be locked, so an OPB employee will be there to let you in.

PARKING IS LIMITED !! There is off street parking on streets running off Macadam to the west. It is suggested that you park on one of the side streets and walk up to the OPB front door. The entrance to OPBs' parking lot is actually on Nevada Street, which crosses Macadam. Parking is limited at the OPB site.

OATVA @ OPB  
December 8, 1999  
7140 SW Macadam Avenue  
Be at the front door at 6:50 PM

Oregon Amateur Television Association  
3210 SW Dosch Rd.  
Portland OR 97201

<http://www.lloydio.com/oatva.html>

Newsletter published quarterly

## ***Looking for a Second Home***

We are looking for another repeater site to put up a secondary ATV repeater. It should be a location that is central and can serve both sides of the divide. This new machine would be used in the event that the main system should fail for any reason.

## ***Intertie ATV Net Resuming***

The Evergreen Intertie has been repaired. Last year ATV enthusiasts in the Northwest were enjoying a weekly net for discussion of amateur television activities. Stations in Portland, Seattle, Spokane, and eastern Washington were participating in the nets.

This year we can resume this Tuesday evening activity and include Salem Oregon in the net. It may be that the net can include actual ATV transmissions along with the audio activities on the Intertie. With the Salem to Portland ATV link working, Portland and Salem stations could enjoy mutual ATV while listening to the Intertie net.

This ATV net was successful for the short period of time it operated. And there is still residual interest in the Spokane area, even though the ATV'ers in that area hadn't participated in the planning of the net. ARE YOU READY?

**Time slot on the Evergreen Intertie is Tuesday evenings at 8:00 PM. Freq: 145.27 443.150 or any of the WORC repeaters**

## ***Annual dues will be due soon***

OATVA dues are paid once per year in January. The actual due date is January 1. The dues provide for rent on the tower, newsletters, and other publishing costs, and helps to support ATV promotion in the local area.

OATVA Dues: \$30 per year or \$55 for two years

Mail to OATVA  
3210 SW Dosch Rd  
Portland Oregon 97201

Or you may pay at any general meeting.

## ***910 MHz ATV Westside Repeater***

The 910 FM ATV repeater, WB2QHS /R; is located on Cooper Mtn and inputs on 910 FM and outputs on 426.25 Am. This feeds into the main repeater on the west hills of Portland. If you live too close to the west hills to transmit line of sight to the main repeater, this can be a way to relay your ATV signal and be seen throughout Portland. All are welcome to use it. One watt should be all you need hit the machine. 100MW transmitters are available that can then be run barefoot or feed to another amp. This can also be used by stations which are behind a local hill in the Beaverton or Aloha areas and can't reach the main repeater.



***George, K7GEN demonstrates "the amazing floating radio" trick on Mondays ATV net***



## ***ATV Nets Schedules***

Our Monday evening ATV nets in Portland occur at 7 PM. The Portland ATV repeater supports the video side of our operations, with the net control coordinating transmissions on 146.43 simplex with a 100Hz tone.

The Saturday ATV net starts at 11 AM each week. The net functions as above with coordination on 2 meters.

The Portland ATV repeater on the west hills transmits on 1253.25 MHz FM. Most ATV'ers in Portland are using an old used satellite receiver for reception. The input to this repeater requires an AM TV signal on 426.25 MHz. Typical transmitting equipment is a PC Electronics or an AEA AM transmitter.



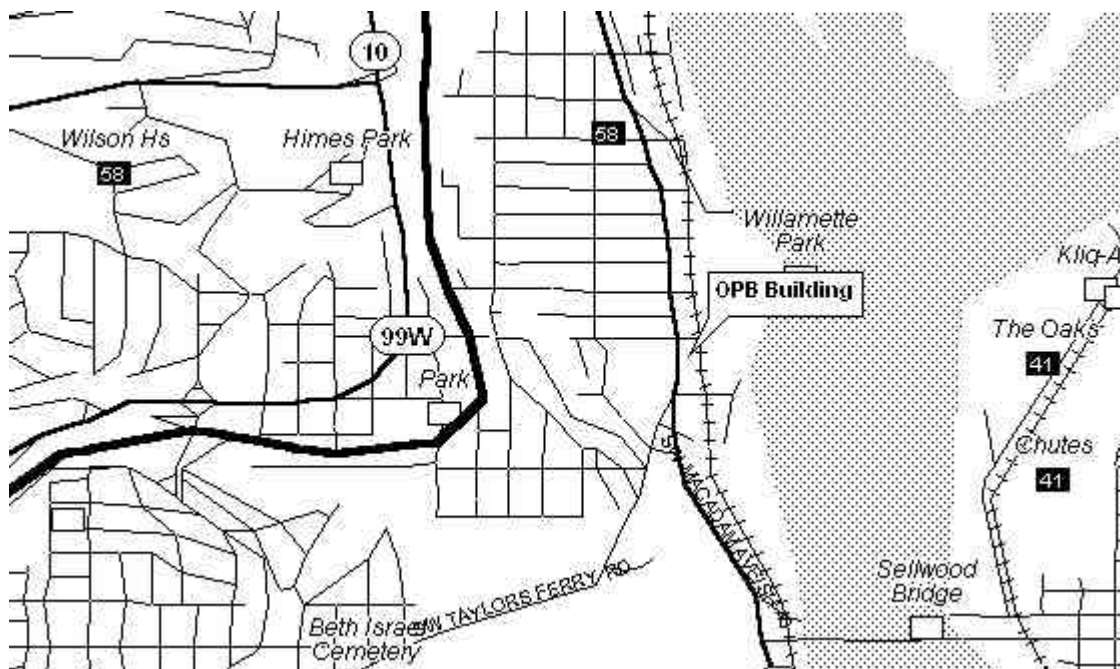
***Dan, WA7ABU; checks in from the Salem repeater for the very first time..... ATV History is made***

I want to sell off my station as a package if this is possible. here is my list of what is for sale:

P.C.Electronics TC70-10 (10 Watt) Tranceiver With manual	\$370.00
45 element home brew 1.2 gig loop yagi (works great)	75.00
1.2 ghz Pre-Amp	10.00
Pansat BR1000 Satellite Receiver 850 MHz - 1.4 GHz	20.00
18 Element 70cm home brew Trigonal yagi built for repeater tx freq.	30.00
Package Deal	\$505.00

Anyone interested can call me at 503-668-4305 or send me an e-mail

at [w7sir@arrl.net](mailto:w7sir@arrl.net) John Barmore - W7SIR



**ATV.....  
Radio  
With  
Vision !**

Map to OPB at  
7140 SW Macadam



## Year 2000 Salem Hamfair

The Oregon ATV Association has regularly done a table at the Rickreall Swap Meet in February. Donations of equipment are requested to sell at the table. All the proceeds go into the club treasury. If you have anything to donate drop it off at Eds office (WB2QHS) or call him and he will pick it up a week or two before the event. It's Saturday, February 19, 2000 at the Polk County Fairgrounds in Rickreall, OR. Doors open at 0900h.

We are going to try to demo the Portland/Salem Link at the fair this year. There should be a straight shot to the

*Year 2000 Salem Hamfair: cont.*

SATVA Salem repeater from the Polk County fair grounds so we should be able to set up a two way ATV communications with some of the ATVer's that won't be able to come to the Fair. It will a great way to show off the link and get more people excited about ATV both in Salem and Portland.

Mark this date on your calendar and plan on attending the first mass demonstration of the new capability of the two clubs. Even if you can't attend the swapmeet, you can help and participate by sending content. We'll need several hours of programming during the day.