



The Road Report

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RADIO OPERATORS ASSOCIATION OF DALLAS OREGON

The Prez Sez
by
Warren, W7KBR

I'd like to thank everyone for having the confidence in me to perform the duties of the president's position for the Roads Club.

I would like to welcome all of this year's officers and directors.

As the New Year is beginning for all of us, I hope all members will consider ways in which they can volunteer to help the club. We also need to support our new members, and help grow our membership.

As a new member myself, and in the president's position, I would appreciate any input and expertise from any and all members.

Please send me an email with any suggestions and thoughts. My email address is, wlgookin@gmail.com.

I have asked all officers and directors to help plan our new schedule for 2016-17. Those plans will be included in the August Roads News Letter. If you have any suggestions for events, tech classes, training, equipment for sale, or are in need of help, please send me an email.

This last year, we didn't have a Field Day event. One of my goals is to have a successful 2017 Field Day. We will be putting together a Field Day committee, and I would encourage all members to be involved.

Please remember that our dues were due in June, but our treasurer, N7WWH, was sick. We will be collecting dues at our July meeting. Dues are \$15/year. Thank you,

W7KBR
Warren Gookin, Jr.

Here 'n There

The ROADS election is over and your officers for 2016/2017 are: President – Warren Gookin, W7KBR; Vice-President – Mike Shelby, W7RIS; Secretary – Dave Goetz, KT7H, and Treasurer – Dennis Elson, WB7VAO.

This outstanding slate is supported by the Directors, Past-President Jack Schult, W7SCT, and K7CIE, Michael Fuller. KF7SEY and xyl will continue as newsletter Editors. **Remember your dues if you have not already paid them.**

Sporadic E has arrived!

As its name suggests, sporadic E is an abnormal event, not the usual condition, *but can happen at almost any time*; it does, however, display seasonal patterns. *Sporadic E activity peaks predictably in the summertime in both hemispheres. In North America, the peak is most noticeable in mid-to-late June, trailing*

off through July and into August. A much smaller peak is seen around the winter solstice. Info taken from Wikipedia.

Local example of Es: On Monday evening, June 13th, I found 10 meters to be very good between 8PM (local time) and 9:30 PM (local time). I had many, many stations answer me when I called CQ on 28.405. During the hour and a half, I worked stations in CA, NV, CO, UT, TX, OK and OR. What a night – the kind memories are made of. However, not every night is like this, so you must check the 6 and 10 meter bands each evening.

Field Day 2017 Now is the time to begin planning for Field Day 2017 and it is also a good time to inventory available equipment so we can field three or four complete stations.

Oregon Trail Chapter of 10-10 has recovered the data base with much needed information thanks to a dedicated effort by **W7HO**, Ron. On the June 12th OT Sunday net, stations checked in from MT, NV, NM, AZ, and CA. What a pleasant 10 meter surprise!

An **Oregon Trail Special** for its members took place on Sunday, June 26th around noon when I returned from Roseburg, Oregon towing my RV trailer. I was mobile on 28.330 and enjoyed numerous 10 meter QSOs with the likes of **KE7JNT** (first heard and worked 10 miles North of Eugene), **AE7OA** (heard at several locations, Eugene to Dallas, but not worked until arrival in Monmouth), **KX5W** whose signal was blasting in once I was within a few miles of Corvallis, **N7WWH** who got me from Falls City, **WA7MZM**, Net Control, who

worked me at several travel locations, **KD7ZLF** from Yamhill County with a good signal, **KI7CUF** with very low power who snuck a QSO in when I passed through Monmouth, and **KC7RPM** of Lebanon who managed a good contact with me. The most consistent strong signal belonged to **W7SCT** who was often 59 in my mobile station. So, what was my mobile station? *I use an Icom 706 Mk II G at 80 watts to a tiny LDG tuner that feeds a Ham Stick for 28 MHz mounted on the forward driver's side of the pickup box. I tow a 34 foot 5th wheel trailer that blocks my signal in certain directions as I travel. I have worked Asia and Europe with this station. Central and South America are easy contacts, and Hawaii and Alaska usually boom in very loud.*

June 29th, around 9 PM, things became fun again for a short while as 20 meters provided some great excitement on SSB and on CW.

N7WWH, Jim and **K7CIE, Michael** were seen slinking around Independence with the **Jolly Green Giant** at lunch time on June 29th. How was lunch guys?

Adios Amigos! K7QXG

KF7SEY Corner



Over this past weekend the 40m CW transceiver nearly reach an end of completion. After putting the final touch's on the transceiver portion of this radio, I put power to it. I put the headphone in and with great anticipation of that rushing sound of 40 meters to come through into my ears, I heard nothing. Now I won't bore you all with the details but it seems there was an issue with the receiver side. I check to see if it would transmit using my main rig listening and a dummy load hooked up and it did transmit putting out roughly 500mw. Ok ,so I can work with this. Now here is were it gets interesting. I had temporary wires I was using to feed 12v to the transceiver side and well folks Murphy came calling, one wire popped off and apparently touched something it shouldn't have. Poof ! Radio no more. After checking things ,the radio portion was the only thing damaged. So I ordered another one and this project will get shelved for the time being. So you may be thinking, poor Troy. Well yes that may be true. But it is something we all face when trying new

things in amateur radio. You have to do to learn new things and they will not always go as plan. And yes , I could have just went to HRO and bought a rig but that is not as fun for me. Oh and the reason I ordered another one for, is those Chinese boards are not made to unsolder once completed. No going back once components are installed.

More to Come .-.-

DE Troy KF7SEY

Product Review By Troy KF7SEY

So this month I thought I would add a new feature to the newsletter. I will start doing some reviews of products I have found interesting or useful.

This month we will cover a lambic key kit from www.grpguys.com and Yihua 853D solder station



We will start with the key. I came across this watching some youtube videos. This is a kit and can be put together in less

than an hour. Kit cost \$15.00 plus shipping. The key is designed so you can mount it to a project or can be easily mounted to the side of a small QRP rig. The quality of components are good and everything was accounted for. Assembly instructions can be downloaded from the website. I would recommend this to anyone who wants to

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get started with CW and does not want to fork out the dough for an expensive key. This was a fun project and does require some basic soldering.

Next one is a solder station. The [Yihua 853D solder station](#) can be purchased from amazon or eBay for around \$100.00. doing a quick search on the internet resulted in a great number of positive comments. This unit has a solder iron with adjustable heat. It also has a heat gun for SMD work and a power supply for testing. Having this station has made projects easier to work on. Would recommend this to anyone who wants to build



-Troy KF7SEY

Club Project?

The other day I watched a video where a club did a build together. They put together 2 meter ground plane antennas. This got me thinking, would the roads group like to do something like this? I have done some research on the Chinese pixie kit. For those who don't know what this is, it's a CW transceiver that puts out around 1/2 a watt. I actually have one still in the bag it came in. This kit can be purchased for around \$8-\$10 dollars with the case and as low as \$2.99 without a case, which is what I have currently. Now this kit comes with a crystal at 7.023. I also found a place to get crystals for all bands and other freq such as the QRP freq. 7.030. These crystals cost less than a dollar plus shipping cost. If this is something that we would like to do let me know. I think this would be a fun project as group and could be fun working everyone after we have completed them. And if anyone is interested in one email me and I can provide more detail on where to buy and other options for other bands.

-Troy KF7SEY

S-PIXIE CW QRP Transceiver Radio



Your 2016 - 2017 Current Club Officers

Position	Name	Callsign	E-Mail	Phone Number
President	Warren Gookin	W7KBR	wlgookin@gmail.com	(503) 787-4018
Vise-President	Mike Shelby	W7RIS	w7ris@arrl.net	(541) 745-7058
Secretary	Dave Goetz	KT7H	dave@begonias.com	(971) 241-9922
Treasurer	Dennis Elson	WB7VAO	dynotime2@gmail.com	(208) 773-4119
Director 1	Jack Schult	W7SCT	jackschult@msn.com	(503) 831-0756 (503) 881-5836
Director 2	Mike Fuller	K7CIE	mfuller@pictishbeast.net	(503) 831-3651

Roads monthly meeting **July 21th** at the Polk County Court House 7:00PM

VE Testing Polk County Court House

July 9th 2016

Sept 10th 2016

November 12th 2016

If you have any questions on the VE testing sessions, please contact Ron, W7HO at W7HO@arrl.net or 503-585-2136.