



“News & Views”

Your Taylorville HAMnet newsletter

Ever heard of a “WILSON” Check out the article on page 3

Submit ideas/articles to tville.hamnet@gmail.org



OUR NEW LOGO

**In an effort to give us identity in the
community, we have a new logo.**

See more about it on page 4

Index

- Page 2 An alternative operating system to consider!
- Page 3 The “Wilson” radio
 Member Spotlight
 Congratulations
- Page 4 What is RACES
 Our Logo
- Page 5 Alternative operating system (continud)
 ICS Certification
- Page 6 Calendar Events
 Who’s calling the Net

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Rulon Swensen, Chief culprit

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Visit our website for more information on our group activities

taylorvillehamnet.org



**With the loss of support with Windows XP you
may be looking for a new operating system.**

Here is an alternative to consider.

If you have wanted to upgrade your PC to a new operating system, but haven't wanted to pay the high cost for some commercial packages, then you might want to consider the world of open source software. Contrary to popular belief, there are several options available for PC operating systems.

Consider looking at the *Ubuntu* Web site. www.ubuntu.com It certainly is a good option, but the most important question is will it would support any ham radio applications.

What is *Ubuntu*?

Simply put, *Ubuntu* is a full-fledged operating system based on *Linux* (the PC version of *UNIX*) that has a similar look and feel to other popular OSs, such as Microsoft *Windows*. The *Ubuntu* OS supports all of the usual PC functions but with software that is all open sourced. This means that the operating system and all of the programs that it includes are totally *free*. Over the last few years, *Ubuntu* has gained in popularity to the point where some PC vendors are now offering it as an option with some of their new products.

The *Ubuntu* desktop looks similar to those of other operating systems. The *Ubuntu* OS uses *Firefox* as a Web browser and *Evolution* for e-mail. For office applications the *OpenOffice* suite is provided, which supports a full featured word processor, spreadsheets, presentations and more.

Hardware support is good too. *Ubuntu* supports a wide range of both old and new hardware and peripherals. A list of the supported hardware can be found on the *Ubuntu* Web site.

If you would like to give *Ubuntu* a trial run, you can go to their Web site and download the OS, or order a free CD.

(continued on page 4)

The Wilson Radio

1402 SM - 2.5 Watt Hand Held FM Transceiver

SPECIAL INCLUDES:

- Rubber Flex Antenna
- Complete Set Nicad Batteries
- Leather Case
- 52-52 Crystal
- Your Choice of 2 Pair of Common Frequencies Only

Extra Xtals, \$4.50 ea.

**\$320 VALUE
\$199.95**

FEATURES

- 6 Channel Operation.
- Individual Trimmers on all TX and RX Xtals.
- All Xtals plug in.
- 5 Meter/Battery Indicator.
- 10.7 IF and 455 KC IF.
- 12 KHz Ceramic Filter.
- .3 Microvolt Sensitivity for 20 db Quieting.
- Microswitch Mike Button.
- Size 8 7/8 x 1 7/8 x 2 7/8 in.
- Weight 1 lb. 4 oz., Less Battery.
- Current Drain RX 14 MA TX 450 MA.
- 2.5 Watts Minimum Output - 12 VDC.

Advertisements appearing CQ magazine in the 1970s made note of the Wilson 1402 SM's value as a most-capable 2-meter, 2.5-watt handheld FM transceiver.

model 1402 SM - 2.5 Watt Hand Held FM Transceiver power supply (\$32).

Where's the Wilson?

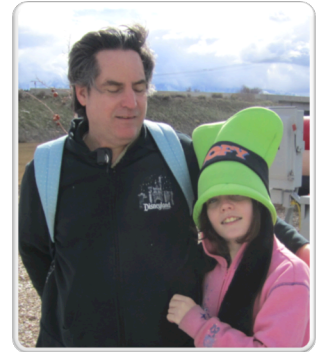
The Wilson is so popular that hams have adopted the word *Wilson* to replace the designation walkie-talkie. "Where's the Wilson?" is a common question around my house since the *XYL* (ham lingo for wife) also is a licensed amateur radio operator.

Even though hundreds of thousands of amateurs have traditional ham shacks for talking around the world from their homes, it's not necessary to have even a tiny corner of an apartment or house to get into the fun of ham radio. Keep a Wilson handy or Heath mobile rig under your car's dash and you can be on the air at any time.

Many times I have enjoyed a *rag-chew* (ham talk for what Cbers call ratchet jawing) with ham friends 100 miles from my home as I relax in the den, chatting through the hand-held Wilson.

Wilsons come in several models for use in different ham bands. The 1402-SM (\$179) and 1405-SM (\$249) two-meter-band models are most popular.

Popular Mechanics, June 1977. In his article "Two Hot Ham Radios You'll Want When You Step Up from CB," Anthony R. Curtis, K3RXK, wrote that "Wilson" radios, so popular at the time, had become shorthand for walkie-talkie by radio amateurs. (Internet screen grab <<http://bit.ly/1iMVN8G>>)



Member Spotlight Dan & Rachael Reid KB6UNC

This month we acknowledge Dan & Rachael Reid.

Dan, along with his helpful daughter Rachael, are always there when we have events to cover. Most recently, they were responsible for getting the parade entry information to net control.

A job well done.

Dan is also visually impaired but with the help of Rachael is very active in our group

Dan holds a General license

Congratulations to our new officers and organizers! We look forward to great things in the coming months

What is RACES

One service within the amateur radio services that uses amateur stations during periods of emergencies is known as the **R**adio **A**mateur **C**ivil **E**mergency **S**ervice, or RACES.



While we will always encourage you to serve your community first, we may find ourselves serving under the direction and control of RACES.

To transmit in RACES, an amateur station must be certified and registered by a civil defense organization

or an FCC-licensed RACES station. **RACES is administered by the Federal Emergency Management Agency (FEMA) and acts as a communications group of the government.**

Registered members of RACES are authorized to respond when a civil defense organization requests amateur radio assistance. Typically these activities occur during periods of local, regional or national civil emergencies such as hurricanes, earthquakes, floods or wildfires. RACES stations may only communicate with specified stations [47CFR 97.407(c), (d)].

It is important to recognize that the amateur radio stations participating in RACES are certified by their local civil defense organizations for this specific purpose. The operators are a valuable resource that provides emergency communication capabilities to their community. Civil defense organizations establish their own training and certification standards. Some localities “for example, Arlington County, Virginia⁷ - have more stringent training and certification standards than others. The key component of the RACES program is the direct and recognized affiliation between the amateur radio operators and local authorities since RACES may provide a critical alternative communications link for local officials. For example, RACES operators serve the county by passing critical emergency information from county officials with the County Emergency Response Team (CERT) to RACES operators at other locations. **Are you RACES certified and registered?**



OUR LOGO

As part of the development of the “Taylorsville HAMnet” it is important that we utilize all methods to get and keep our group in front of the public.

With this in mind, a logo was developed to identify who we are and what we do.

The logo gives our group name, our group Call sign and the antenna shows that we are a radio communications group.

You will see it used in our newsletters, website, banners and signs.

We hope you like it.



FEMA | Emergency
Management
Institute

Ubuntu

(continued from page 2)

ICS CERTIFICATION

As part of our volunteer status with Taylorsville City, we each need to take and pass specific ICS courses.

Taylorsville City has asked that we begin the training and certification of our radio group members.

One of our stated purposes is to provide a pool of qualified radio operators and this is a good way to do just that.

In our August in person meeting, we will present a review of the ICS-100 course. This course outlines the Incident Command System and helps to prepare you to take the online exam.

We invite each of you to participate and become certified in this important part of being an emergency response operator.

One of the nice features of *Ubuntu* is the *Synaptic Package Manager*. This system lets you search through thousands of programs for specific types of applications and once found, download and install them onto your PC. All of this is done in one simple operation. To help make life easier, the programs within the *Package Manager* are categorized by type, such as games, mathematics, network and science. There is even a separate category for Amateur Radio.

The ham radio applications include programs for Morse code training, APRS and packet programs, rig control, CW and digital mode terminal applications, satellite tracking, Smith Charts, logging, DX clusters and more.

The Bottom Line

In today's tight economy many of us are looking to get the most bang for our computer buck. *Ubuntu*, with all of its standard features and functionality, its large library of *Linux* based ham radio applications and its ability to run *Windows* applications if necessary, is certainly a viable option when considering an operating system upgrade. Best of all, since the *Ubuntu* system is open source software, this is all available for *free*, which makes *Ubuntu Linux* and ham radio a hard combination to beat.

More information can be found @

www.arrl.org/ubuntu-linux-for-hams

Calendar Events – Aug, 2014

Aug 4 - Weekly Net, 8:30 p.m. 146.94 repeater

Aug 11 - Weekly Net 8:30 p.m. 146.94 repeater

Aug 18 - Weekly Net 8:30 p.m. 146.94 repeater

Aug 25 - Weekly Net 8:30 p.m. 146.94 repeater

Aug 30 - **In person meeting - ICS certification review and ICS 100 workshop Taylorsville-Bennion Heritage Center**

Calendar Events – Sept, 2014

Sept 1 - Weekly Net, 8:30 p.m. 146.94 repeater

Sept 8 - Weekly Net, 8:30 p.m. 146.94 repeater

Sept 15 - Weekly Net, 8:30 p.m. 146.94 repeater

Sept 22 - Weekly Net, 8:30 p.m. 146.94 repeater

Sept 27 - **In person meeting, Valley Regional Park, Hidden Transmitter Hunt**

Sept 29 - Weekly Net, 8:30 p.m. 146.94 repeater

Calendar Events – Oct. 2014

October 6th - Weekly Net, 8:30 p.m. 146.94 repeater

October 13th - Weekly Net, 8:30 p.m. 146.94 repeater

October 20th - Weekly Net, 8:30 p.m. 146.94 repeater

October 25th - **In person meeting, ICS certification – ICS 200 course review and workshop –**

Taylorsville-Bennion Heritage Center

October 27th - Weekly Net, 8:30 p.m. 146.94 repeater

Who's calling the net?

August 4 th	Rulon	K7BTU
August 11 th	Open	Please volunteer
August 18 th	Open	Please volunteer
August 25 th	Doug	AD7LO
Sept. 1 st	Rulon	K7BTU
Sept. 8 th	Open	Please volunteer
Sept. 15 th	Open	Please volunteer
Sept. 22 nd	Rulon	K7BTU
Sept. 29 th	Doug	AD7LO
October 6 th	Rulon	K7BTU
October 13 th	Open	Please volunteer
October 20 th	Open	Please volunteer
October 27 th	Rulon	K7BTU

We need you to volunteer to take your turn in calling the net. Each member should call the net as part of their readiness training. **We need your help!**

Thanks to those who have volunteered to help.

To get your name on the list, send an email to tvill.hamnet@gmail.com and indicate the day or days you can be net control. You can call the net from your home or if you want to call it from the pantry radio room, let us know and we will make sure you can get in.