Tamaqua Wireless Association

Splatter Bulletin

Amateur Radio Club since 1967 Vol. I, No. 4 2016

Officers

President: Gary Fleischut KA3FUL (ka3ful@yahoo.com)
Vice President: Jim Shellhamer KC3DXS (whip@ptd.net)
Secretary/Treasurer: Frank Bobick N3OGG (fjbcab@ptd.net)



Tamaqua, PA

Splatter Editor: Tom Lesisko K3TE (tlesisko@ptd.net)
Web Master: Ed Neville (ed@sepenn.com)

Club Repeater

146.490 / 147.490

(Tone 123.0)

Located on top of the Tamaqua ABC High-Rise

Simplex: 146.550

W3CMA Home Page:
www.w3cma.org

- Need Emergency Service in Schuylkill County, dial 911
- Need Amateur Radio Service, contact one of the officers above



VE Test Sessions 2016

- ~~April 2nd~~
- June 4th
- August 6th
- November 5th

9am Tamaqua Borough Hall

VE's are needed for each session. Please contact Bill Dale at 570-386-2384 or email him at bdalejr@ptd.net if you are interested in any of these test dates.

Meeting Locations:

Spring & Summer: Grove, 555 Tuscarora Mtn. Road, Barnesville
Fall & Winter: American Legion, West Broad St. Tamaqua
Always 3rd Friday of the Month – 7:30PM

Calendar of Events:



- May 8th Mother's Day
- May 20th to 22nd Dayton Hamvention
- May 20th Club meeting 7:30 Grove, 2nd reading
- May 30th Memorial Day
- June 4th Ham Radio test 9am Tamaqua Borough Hall
- June 17th Club meeting 7:30 Grove
- June 24th Field Day set up
- June 25th to 26th Field Day, Grove
- July 15th Club meeting 7:30 Grove
- August 6th Ham Radio Test 9am Tamaqua Borough Hall
- August 19th Club meeting 7:30 Grove
- September 16th Club meeting 7:30 Grove
- October 21st Club meeting 7:30 Legion
- October 25th Halloween Parade – Volunteers needed for communications
- November 5th Ham Radio Test 9am Tamaqua Borough Hall
- November 18th Club meeting 7:30 Legion
- December 10th Club Christmas Party 3:00PM Chantilly's followed by our meeting and year-end report



"I don't care if division doesn't send QSL cards, Kolderup . . . GET ON THAT RADIO!"

Here is what's going on with the TWA this month.

1. There were 8 members in attendance with 2 quests present.
2. There has been a request to amend the by-laws. Please plan on attending the 2nd reading May 20th 7:30 at the grove, weather permitting.
3. Tom Lesisko (K3TE) has been appointed the editor of the club bulletin and club archives
4. Antennas have to be repaired for field day due to the damage done by winter. Volunteers are needed
5. The new Yaesu Fusion repeater will be on-line this month to see how it performs.

Famous ham radio operator:

Do you know who this operator was?



Dark Sarcasm -



Sometimes you just don't know who you are talking too…

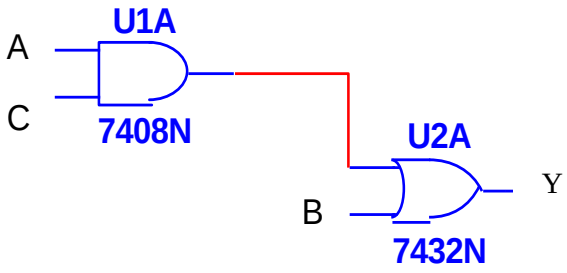
Apology from the editor:

In the April edition of the Splatter, I said I will explain in detail about obtaining a vanity call sign. I will have to put that off until the June newsletter, Sorry for the delay.

Test Your Knowledge:

What is the Boolean expression at "Y" in the photo?

a. Y=(A+C)B
b. Y=(A*C)+B
c. Y= A*B*C
d. Y = A+C*B



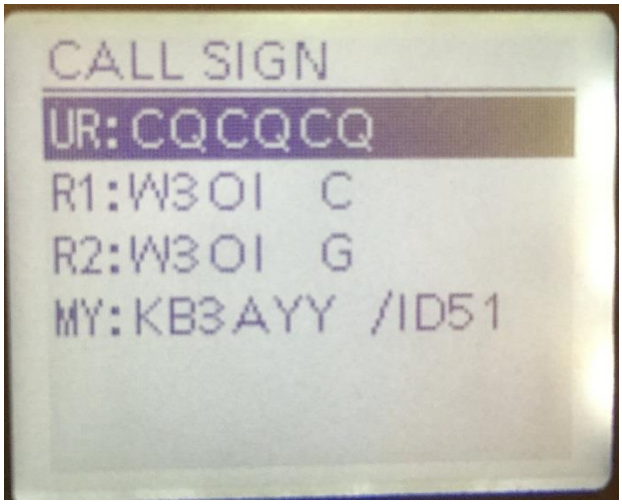
Answers at the end

Icom's D-STAR System – by Ed Boerner



Digital
Smart
Technology for
Amateur
Radio

D-STAR - (Digital Smart Technologies for Amateur Radio) is a digital voice and data protocol specification developed as the result of research by the Japan Amateur Radio League to investigate digital technologies for amateur radio. While there are other digital on-air technologies being used by amateurs that have come from other services, D-Star is one of the first on-air and packet-based standards to be widely deployed and sold by a major radio manufacturer that is designed specifically for amateur service use. The basic setup for a D-star radio is as follows:



UR: CQCQCQ means the same as calling cqcqcq on sideband. By changing cqcqcq to an individual call sign (K3TE) will let the repeater know that you are looking for a specific individual and as long as Tom has checked in to a D-star repeater anywhere in the world he will be acknowledged and you will be able to call out to him, as long as he is near his radio and hears you calling, you should be able to communicate. Before you can communicate to anybody around the world or even locally you have some more settings that need to put in the radio.

We will start with the setting **R1**:W3OI C, is the local repeater you are making your local contact with and **R2**:W3OI G, is the internet gateway you will need to access the world.

If I wanted to talk to anybody that maybe listening locally, I would set my radio as follows:



UR: CQCQCQ The W3OI repeater will be the only repeater you will be
R1:W3OI C Communicating on which is local to Allentown area.
R2: NOT USED
MY: KB3AYY

If I wanted to talk to someone that was not local then I would set my radio to access the internet gateway

UR: WY3K Setting it up this way will shoot Bills call out to the internet
R1: W3OI C and I should be able to make contact with him.
R2: W3OI G Of course if I just want to make a contact from anybody that
MY: KB3AYY would be willing to talk to me I would change Bills call to CQCQCQ.

That is the basic setup and usage of a D-star radio and repeater system.

Thank you Ed for that excellent article on D-STAR, if anyone wants more information or a demo please contact Ed, his email is eboerner@kb3ayy.com. *I think once the dust settles with W3CMA's second repeater; ICOM is offering a D-STAR repeater system at a reasonable price. I would like our club to take the lead and install a D-STAR repeater one day.*



Typical D-Star Repeater

Field Day 20..?


AMATEUR RADIO
FIELD DAY
Public Welcome!





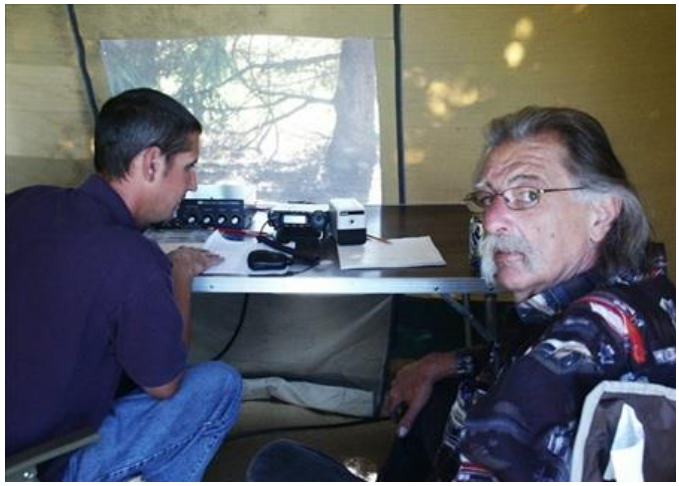


HAM RADIO
OPERATOR
PARKING
ONLY
VIOLATORS WILL BE
BANNED FROM THE AIRWAYS






06/23/2012 12:41




06/23/2012 12:37





Field Day is right around the corner
June 25th & 26th see you at the grove!

Here is the latest for Field Day 2016:

- The club needs volunteers to help set up the grove on Friday June 24th
- Due to the damage done by one of the trees we need to install or repair one of the Zep-Lines.
- There will be a small soirée (party) following the set up.
- Participants are encouraged to bring their significant others.
- Bring a covered dish and something to drink
- Tom Lesisko will be bringing a hoagie tray
- You do not have to stay overnight
- Ron Creitz has volunteered to be the clubs cook once again, thanks Ron
- We need someone for Morse code, since Frank Bobick has taken up learning how to play the guitar; I am going to make it a point to learn Morse code this year. I need your help!



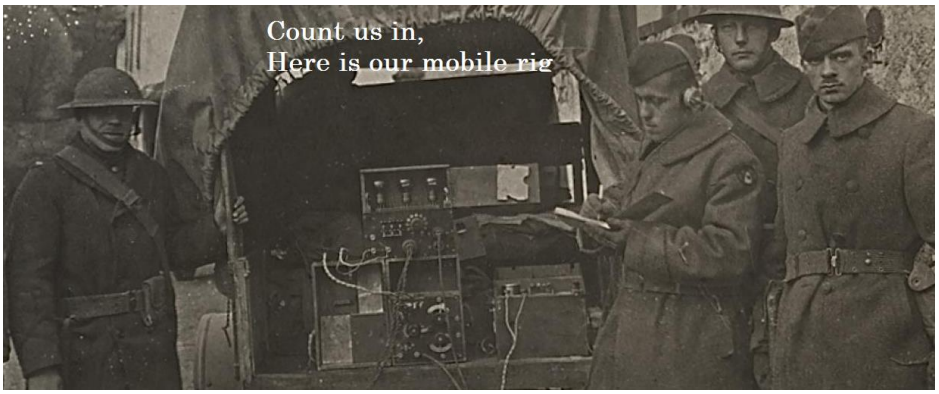
More to follow with the June Splatter!

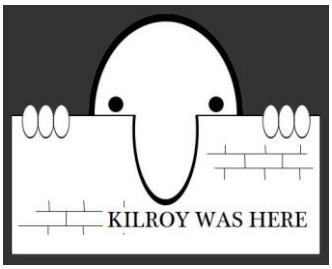
It was decided at the April meeting that the club will get the Fusion Repeater up and running. We will be testing the features of the radio on 147.270 with a plus offset. The tone will be 131.8 stay tune for further updates.

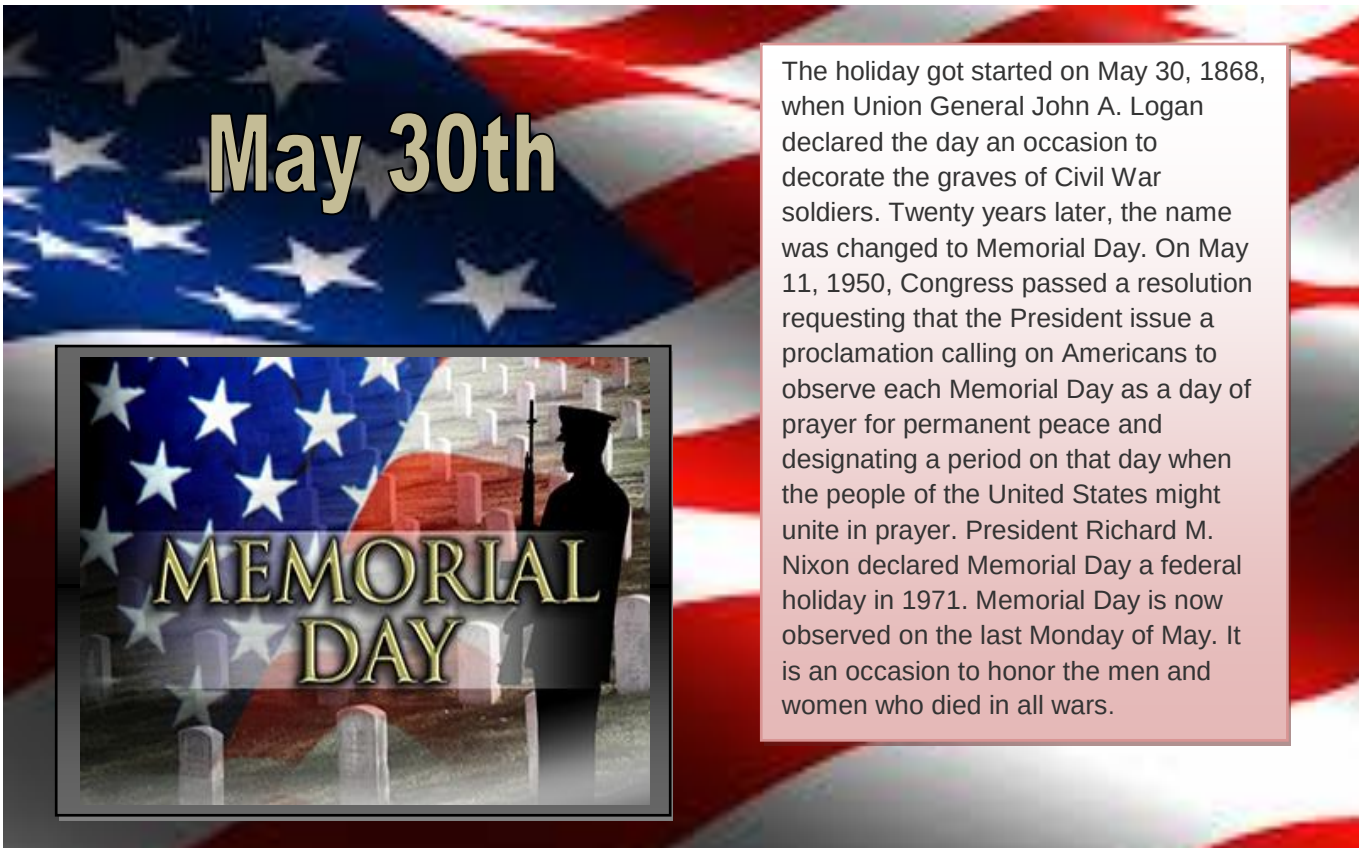


Calling All TWA Members

I am looking at including your mobile rig in future bulletins. Last time I requested ham shacks now I need pictures of your mobile set up. It doesn't matter how simple or complicated, send me your pictures? I will put your mobile installs in future editions of the *Splatter*! tlesisko@ptd.net Thanks







In case you missed it!

If anyone has been studying for their Amateur Extra License, NOW is the time to upgrade your license. The new question pool will start on July 1st 2016. Our next test session is June 4th. After that, you will have the new question bank. See you there and best of luck!

No More "Official Looking" Paper Copies of your Ham License

If you don't know by now you will know the next time your license is up for renewal. The FCC no longer sends paper copies of your license. You can print a Reference Copy of your license from their website. Here are the steps for printing out your license.

1. **http://wireless.fcc.gov/uls/index.htm?job=home**
2. Click (select) **licenses**
3. Type your call in the "Search box"
4. Click on your call
5. Click on the **ADMIN** tab
6. Select **AUTHORIZATON-LICENSEE**
7. **Print your license or save it to your computer – it will say "Reference Copy"**





Happy Mother's Day to all! I hope you have an enjoyable day.

What's New in Ham Radio?

D-STAR



ICOM
http://www.icomamerica.com/en/products/amateur/dstar/id51aplus/default.aspx

ICOM
http://www.icomamerica.com/en/products/amateur/dstar/id5100a/default.aspx





ICOM
http://www.icomamerica.com/en/products/amateur/dstar/7100/default.aspx

Click on the BLUE Link, and let the web do the rest!



Congratulations to Ed (KB3AYY) and Kelly (KB3ASZ) for 30 years of wedded bliss! Hope you have many more…







If you have anything you want to submit to the club bulletin please email Tom Lesisko: tlesisko@ptd.net

Answer to famous Ham Radio operator:

Paul Tibbets- Pilot Enola Gay K4ZVZ

Test your knowledge:

a. Y=(A*C)+B

Next time – Yaesu FT817 Portable HF/VHF/UHF

Until next time – 73's