



“News & Views”

Your Taylorsville HAMnet newsletter

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During disasters or other emergencies, radiograms are used to communicate information critical to saving lives or property, or to inquire about the health or welfare of a disaster victim.

The **National Traffic System (NTS)** is an ARRL program designed to fulfill this need.

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K2BSA

Radio
Scouting

K2BSA Amateur Radio Association

Dedicated to extending the reach of amateur radio within the Scouting movement.

It is well known that in 1910, Britisher Lord Baden-Powell founded the Boy Scout movement in England. The movement soon caught on in the US, with its original Headquarters located at 2 Park Avenue, New York City until the early 1960's. After WW2, three top executives at Boy Scout Headquarters were radio amateurs who desperately wanted to have a Boy Scout Headquarters' club station, but there was no room in the crowded office complex for such a frill. These amateurs were Lloyd Eberhart, K2CVT, then publisher of all Boy Scout publications, the late Harry Harchar, W2GND, editor of all Boy Scout publications, including Boys' Life, and E.E. 'Hoisy' Hoisington, K2GDR (now W4YTA), Chairman of the Safety and Health Department.

Around 1960 these amateurs came upon some exciting news. Due to increasingly cramped office space, a move from New York was essential. To make the move possible, Headquarters had just acquired some pristine wooded acreage in North Brunswick, NJ, at the intersection of US 1 and US 130, just south of New Brunswick.

Our three amateurs descended onto the property with glee, because in addition to a long nature trail and large office complex building housing the Headquarters' business operations, a large, magnificent museum was built to display Boy Scouting memorabilia from all over the World. Their immediate thought was, "What a neat place to operate and display ham radio!" The main display room was about the size of a standard basketball court. At one end of the room an attractive console was constructed of clear maple for the long desired amateur station.

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National Traffic System (NTS)

The National Traffic System (NTS) is a structure that allows for rapid movement of traffic from origin to destination and training amateur operators to handle written traffic and participate in directed nets. These two objectives, which sometimes conflict with each other, are the underlying foundations of the NTS.

NTS operates daily, even continuously with advanced digital links.

The personnel for NTS nets consist of operators who participate for one or two periods a week, and some who are active daily. The National Traffic System is an organized effort to handle traffic in accordance with a plan that is easily understood, and employs modern methods of network traffic handling in general acceptance today.

NTS is not intended as a deterrent or competition for the many independently-organized traffic networks. When necessitated by overload or lack of outlet for traffic, the facilities of such networks can function as alternate traffic routings where this is indicated in the best interest of efficient message relay and/or delivery.

One of the most important features of NTS is the system concept. The National Traffic System is dedicated to communications during disasters on behalf of ARES, as well as the daily handling of third-party traffic.



Ben Gustafson

The spotlight this month is on
Ben Gustafson.

Ben is the emergency response coordinator for the City of Taylorsville. Ben is not a HAM (yet) but we will continue to work on him.

Thanks Ben for all you do to support the Taylorsville HAMnet

When a disaster situation arises, NTS is capable of expanding its cyclic operation into complete or partial disaster operation depending entirely on the extent of the disaster situation and the extent of its effect.

For more information on this system and it's operation, go to

<http://www.arrl.org/nts>



K2BSA - (continued from page 2)

The station operation was very successful. Not only did we four enjoy operating the station, but all scouts and scouters visiting the Scouting museum, who were also licensed amateurs (and other visitors who were licensed), were given the opportunity to operate the station in the same manner as those who visit W1AW at the ARRL Headquarters.

It seems that during the time I was doing the research, the call sign K2BSA had become inactive, and was therefore available. K2BSA was thus assigned to the club station of the Boy Scouts of America Headquarters! As word got around concerning the new call sign, our local scouts and scouters started increasing our visibility by putting in more time on the air, and the positive responses we received proved that our recognition as Scouting National Headquarters was also increasing dramatically. During the first years of operation with the original call sign K2BFW, Harry Harchar was trustee of the station, but from the time of the new call sign until Headquarters moved to Dallas, I was the trustee, and also the National JOTA coordinator. As JOTA coordinator I was principally a PR man, publishing the pertinent operating information in the October issues of the various amateur publications, including QST, Ham Radio, CQ, and 73.

Beginning in September, 2000, K2BSA has been operating and open certain Saturdays of each month for visiting Scout groups to tour and talk with other Hams and, perhaps, other Scouts around town, around the country and, often, the world.

Finally, through the operation of K2BSA, Amateur Radio is being kept alive within the Boy Scout movement, giving its youth an introduction to our hobby and service, and hopefully instilling a desire in them to become a part of our great Amateur Radio Community.

Walt, W2DU

For more information see k2bsa.net

..... Be Careful ! Take Steps to Protect Your Radio Shack from Being Struck by Lightning

Posted on [August 29, 2014](#) by [Richard Heward](#)

A Story from the Words of Don Rawlins WA7VNQ, Pleasant Grove UT



At around midnight on Sunday, August 24, 2014, a lightning bolt struck a maple tree about 25 feet from the front door of the house. There was essentially no thunder but rather the sound of a **loud** explosion and **bright flash**. Included is a picture of the strike. As luck would have it, my neighbor to the back was doing a video from his deck of the lightning

as it came from the direction of the Point of the Mountain. To somewhat orient you, we live near the base of the “G” mountain in Pleasant Grove. So the picture is a frame from his video. And is looking toward the NW.

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List of Damage: (so far)

After assuring ourselves that the house was not on fire, we could however smell hot wires somewhere and we discovered it coming from the upstairs furnace room. It had apparently severely damaged a plug strip. Plugged into this strip were the water softener (still OK, we think) and an old piece of telephone equipment which also reeked of hot wires. Additionally the SWiM device for DirecTV was also plugged in there. We just unplugged them and eventually the smell subsided. Still without lights we checked and the main breaker outside (125 amp) was tripped as were 7 different breakers in the house. That probably saved a lot of appliances!

We carefully turned them on without incident and had lights back. We both noticed that the DVRs from DirecTV, we have two since two families live here, we noticed that the DVRs looked like they were reloading the directory like when the power goes out to them and we thought that may have been what they were doing. They never stopped and there was no signal to the TVs. We share this account with our son who owns the house. Our power comes in underground as do all the other electrical utilities.

DirecTV had to replace the LNB on their antenna, the SWiM adapter on their signal line, and both of the DVRs.

My sons Denon 7.1 receiver and surround sound is toast.

My Sony 5.1 System and Blue Ray DVD and FM receiver will go on but, in a somewhat taunting way, only says "Please Wait!" No other functions work and even the "eject" button does nothing.

I also can't get my Apple TV system to turn on at all so I am pretty sure it is toast.

Comcast had to replace the line going from our house input to their box on the street.

The current flowing from the DVR to the HDMI input on my 55" Samsung TV, took out that input (HDMI2), but everything else seems to be working fine.

This is a real life experience by Don and should serve to remind us that we should do all we can to protect our homes and property.

⇒ See the link to the article on the website.

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
review and workshop – Taylorsville-Bennion
Heritage Center**

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

Calendar Events – Nov, 2014

Nov 3 - Weekly Net, 8:30 p.m. 146.94 repeater
Nov 10 - Weekly Net 8:30 p.m. 146.94 repeater
Nov 17 - Weekly Net 8:30 p.m. 146.94 repeater
Nov 24 - Weekly Net 8:30 p.m. 146.94 repeater
Nov 29 - **In person meeting – to be announced
Taylorsville-Bennion Heritage Center**

Who's calling the net?

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
November 3 rd	Open	Please volunteer
November 10 th	Open	Please volunteer
November 17 th	Rulon	K7BTU
November 24 th	Open	Please volunteer

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.