

# HAM-GRAM



A publication of the Broken Arrow Amateur Radio Club, Inc.

P.O. Box 552 Broken Arrow, OK 74013

May 2018

## MAY MEETING

FT8 Presentation

Dan Woods, W5BM

Guy Shipley, WB5MXO

May 7, 2018, 7:00PM

Community Center

1500 South Main Street

Broken Arrow, OK 74012

## Pearls of Wisdom from the Prez

*Well, here we are at the end of April, time is going so fast it is hard to get much done at the pace time is going by. We, (the mice in my pocket), no not really, when I say we I mean the officers, directors, committee chairs and members, have a lot of good ideas, plans, and activities to work on. We had an awesome turn out at Green Country Hamfest, lots of members came by. I hope everyone found their elusive bargain.....*

*The Executive Committee still needs volunteers, we have Field Day coming up fast, need a chair/organizer for that, Kent is working on other stuff so keep an eye on the website. Speaking of the website, we should have a brand new streamlined web site by the end of June. I am looking forward to the new look. Thanks, Tom/KF5TIZ.*

*The club has some really good people working on its behalf and they are doing a great job.' An offer from you to help them would be great for everyone. Folks, the club needs your support, it doesn't take every waking hour, just some of your time that can be scheduled. Let the chair or one of the officers know what you would like to do. This month's meeting is on FT 8 and hopefully some display/working station to put it all together...Dan & Guy will be presenting the program.*

*I posted some new stuff at [w5drz.org](http://w5drz.org) be sure and check it out. Everyone on the Executive Committee is doing a great job for the members, don't forget to thank them or give them a friendly "I appreciate you" when you see them.*

*de Wayne, KW5M*



## ELMER PROGRAM

Kent- K5WTS, along with other "ELMERS" will be on hand for any Elmer Questions, radio procedures, station set up, antennas, etc. and he plans on making this a regular event prior to each meeting and is also looking for other Elmers to help out with new member questions.



## What is on the horizon for DX!

1. **Bouvet**-The Rebel DX Group is headed to Bouvet sometime in 2018.
2. **31T Kanton**- May 2018- 10 Ops leaving Samoa in May
3. **Crozet and Glorioso Islands**- Number 5 on the DX Most Wanted List. This will be active starting June 2018.
4. **Z60K- Kosovo**- We have a new DXCC entity. The IARU recently added Kosovo to the country list. Kosovo is currently active on all HF bands.
5. **KH1 Baker Island**- The Dateline DX Association (most recently the K4M team) is very pleased to announce that it has been selected by the Pacific Islands Refuges & Monuments Office of the US Fish and Wildlife Service to pursue an Amateur Radio expedition to Baker Island National Wildlife Refuge (KH1).



## Camp Bandage

This year the Broken Arrow Club is going to have a presence at Camp Bandage! It is going to be held at Chisom Park (Creek Turnpike and 101<sup>st</sup> Street, across from NSU) on Saturday, May 19<sup>th</sup>.

We will be setting up on Friday, May 18<sup>th</sup> @ 3:00 PM. The event is held on Saturday, May 19<sup>th</sup> from 9:00 Am until around 3:00 PM.

All the local fire, police, emergency management people will be there. It is a great venue for the BAARC to get our name out to the community.

We will have a couple of stations set up along with the Tower Trailer. We hope to see many of the BAARC club members out there.

## Field Day!

OK, is not really a contest, but it is a bunch of fun! And it just around the corner...

The Field Day site will be just north of Asbury United Methodist Church at East 66<sup>th</sup> Street and Mingo Road. The club has purchased a 10 x 20 canopy for the event. It will keep you dry, but the bugs are your responsibility.

The tower trailer will be there and maybe Earl can be talked into making his "famous" Ice Cream.

Everyone is welcome!

**BROKEN ARROW AMATEUR RADIO  
CLUB, INC.**

P.O. Box 552  
Broken Arrow, OK 74013

**DUES ARE DUE**

If you haven't paid your dues for 2018, they are now due!

Single Membership \$20.00 per year

Family Membership \$30.00 per year.

Pay them at the meeting, or send them to the Club's P.O. Box

**Club Net**

Net every Monday Night

@ 8:00PM

On 146.91

(Except club meeting nights)

**VE Test Session-9:30AM**

Every odd Month

Broken Arrow Pubic Safety Complex

1101 N. 6<sup>th</sup> Street

Broken Arrow, OK 74012

**BAARC Repeaters**

146.91/31 88.5 PL Tone

145.45/05 88.5 PL Tone

444 No Tone

443.6 88.5 PL Tone

442.5 No Tone

These are open repeaters, but we encourage users to help us maintain them by joining the BAARC!



**WORKSHOP  
CHRONICLES**

**Towers-** We all want one (or more), we drive around always looking up at towers. We covet having one in our yard.

The Rohn 25G seems to be the standard that we all (usually) end up with. While this is a very good guyed tower system, it does have some limitations. First a word to the wise...**Never, never, never** guy a tower with **ROPE!** This is a recipe for disaster! Not only could this cause a catastrophic failure and have the tower go through your roof. If you are on the tower and the rope decides to stretch and/or break, we could be attending your funeral. Use only recommended guy materials such as EHS, Polygon Rod or Phillystran. Take a peek at the following information from Rohn.

A 40' tower has a maximum wind load for an antenna of **22.6 Sq. Feet**, with 70 MPH winds, However, if you go to a 70' tower, (the optimum height for a small 40-meter beam) the wind load goes down to **19.4 Sq. feet**. At 100' (we all wish we had a 100' Tower) It goes down even more to **17.5 Sq. feet**. This does not take into account coax or anything else you hang on the tower. So we have to pay attention here, you can exceed the safety requirements real quickly here. Just think about your installation, and remember you can't keep hanging stuff off of your tower. They are not indestructible.

**Contact Us**

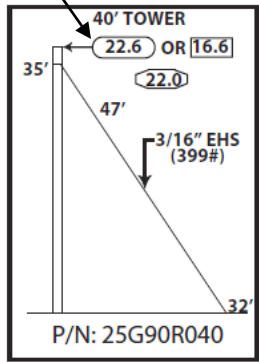
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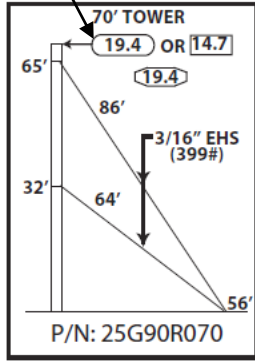
[WWW.W5DRZ.org](http://WWW.W5DRZ.org)

K5PX@cox.net

Wind Load



Wind Load



Wind Load

