



Next Meeting:

Tuesday, November 7, 6pm.
At Bullock's BBQ

Program:

**Seeing the Invisible
Universe**

By:

John Green, KX4P

Recently, at the invitation of a ham radio friend, John attended the annual conference of the Society of Amateur Radio Astronomers. It was located at the Green Bank Radio Observatory in West Virginia. This facility is a major center for radio astronomy studies. It is also the home for the world's largest fully steerable radio telescope, i.e., 500-foot diameter parabolic dish antenna. The program will describe the trip, brief history of radio astronomy, the speakers, activities, and trip to the top of the antenna.

John has been a DFMA member for many years. He is an excellent speaker and has presented several DFMA programs in the past. This is really one you shouldn't miss.

I hope you will join us on Tuesday.

73, Dee, KU4GC

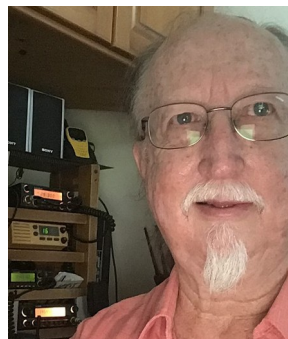
President's Corner

November is here and winter has just let us know that it's not far behind. I hope everyone is well and if you need help in some way you can reach out to the club to see if someone can help you.

November also brings Thanksgiving. A time to reflect and remember the things we are thankful for. Like the usual friends and family things. But there are more things than that. Like being thankful for good propagation! I'm sure you can think of more.

I hope to see everyone at the meeting. I understand that the program will certainly be everyone's "dish" !

Bob Cook W4FK 73!



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Get your DFMA Directory

If you didn't get your new DFMA Directory last time and you are a current member, we will have copies at the November Meeting.

73, Dee, KU4GC

JARSfest Benson 2023

I don't often cover regional hamfests in The Link, but they are getting sparse this time of year and this one is quite popular in our ham community. This year JARSFest is on

Sunday, 11/19, from 8am to 1:30pm. JARSFest is a medium-sized hamfest with both ample tailgating and plenty of indoor table space. JARS members also prepare good food for sale, so you won't go hungry. VE testing is also available.

It is a bit further away -- about a one hour drive from this area, much of it on Interstate highways (obviously depending on where you start). As a bonus, this time of year you will likely find a long stretch of driving with nice fall colors. If you are interested, there may be carpooling available which can add to the enjoyment. Or you can decide to drive there and invite some fellow hams to join you. Often, on the way back, you can find a nice place to stop and eat.

For more information, see the website
<https://www.jars.net/jarsfest-2023>

73, Dee, KU4GC

Save the Date -

Our Annual Christmas Dinner

Just as a reminder, for you old timers, and heads up for you new members. Our December meeting is a bit different from our other meetings. The meeting is intended for members (and a guest). Many members bring a spouse or SO. The club treasury will pick up the tab for the meals. There will not be a formal program or presentation. However, there are some traditions we will uphold; most are optional. We will pass the hat for Christmas contributions to be split between the Urban Ministries and the Food Bank of Central and Eastern North Carolina. The Club will also make contributions to these charities. (You can also make out a check to any charity you like and we will forward it. The check may be handy at tax time.)

However we will also be collecting toys to be forwarded to Toys for Tots. One reason for this advanced notice is that you might want the time to actually acquire some toys for this.

Some differences in the extras are planned. In the past we've featured ham new years resolutions to be reviewed the following Christmas Dinner. In recent years, only a few people made real resolutions, taking some of the fun out of that. (I still have one resolution that I haven't completed yet.) So the Board suggested that we go around to each person to report on what they've accomplished in the last year (ham - related, but feel free to branch out.)

So give this some thought. And, be sure you've paid dues for this year.

73, Dee, KU4GC

Under the Influence

A few days ago I tested positive for Covid. My experience, so far, has been equivalent to a bad head cold. I even feel a little better than yesterday. I'm isolating, but my family sees to it that I'm well stocked with food, and, it seems, that my appetite is intact. So, regardless of how this goes, official guidelines won't allow me to join you for the November meeting. I'll try to attend remotely. (I hope your reading this won't infect you :-)

73, Dee, KU4GC

Durham FM Association (DFMA)

Board Meeting Minutes 4/18/2023 - Pending

Durham FM Association (DFMA)

Board Meeting Minutes 5/16/2023 - Pending

Durham FM Association (DFMA)

Club Meeting Minutes 6/6/2023 - Pending

Durham FM Association (DFMA)

Board Meeting Minutes 6/20/2023 - Pending

Durham FM Association (DFMA)

Club Meeting Minutes 7/18/2023 - Pending

Durham FM Association (DFMA)

Board Meeting Minutes 8/15/2023 - Pending

Durham FM Association (DFMA)

Board Meeting Minutes 9/19/2023 - Pending

Durham FM Association (DFMA)

Club Meeting Minutes 10-03-2023

Secretary - Pam (KO4YAR)

President: Bob (W4FK)

Bob called the meeting to order at 7:00 pm

Attending

Bob (KF4NTC), Renu, Chuck (KW4KZ), Dave (NA4VY), Bob (KD8FQM), Pat (KO4QLU), Bob (W4FK), Charlie (NC4CD), Dan (KR4UB), Mark (KJ4NPF), Chris (KY4OU), Jack (KM4MBG), Lenore (KF4PAB), Wilson (W4BOH), Jim (WB4YYY), Sue (KA4AVM), Pam (KO4YAR), Keith (K4CXU), Mark (AJ2X), Wally (WA4UJM), Dee (KU4GC), Henry (WB4ROI), Paul (N2XZF), Dave (W4SAR), Karen (KD4YJZ), Sam (KJ4VWG), Harold (W4BAD), Tim (KC1TWR), Michael (AA4YH), Dan (KR4UB), Welton (N4SJW), Robert (K6GRR).

A total of 32 attendees, all but 1 of them hams.

OFFICER REPORTS

President:

Bob (W4FK) suggested that the club have a picnic.

Vice President - Chris

Nothing to report.

Secretary - Pam

Nothing to report.

Treasurer - Jack

All of our bills are paid. We have 94 members.

Repeater Manager - Charlie

All repeaters are working well. New batteries online at Hillsborough.

Hamfest Chair

We need a new Hamfest Chair. Someone is needed to work with Dee if we want to hold future Hamfests.

Door Prizes were awarded to Harold, Pat and Keith.

Program

Chris gave a presentation on P-25 radios.

Wilson has equipment for sale. Please contact him if you are interested.

Bob adjourned the meeting at 8:00.

Buy - Sell - Trade

The following equipment was donated to OCRA and Wilson, W4BOH is overseeing its disposition.

Heathkit SB-300-Simple but very effective ham band receiver. Amazing condition, \$150.

Kenwood TS-850-Solid state transceiver, the K3 of the 90s. Recently tested, GREAT receiver, HI-FI analog audio and excellent filters, with speaker and PS, \$700.

Hallicrafters SX-99-Vintage Receiver, works but needs love. Easy to work on. \$50.

Please contact **Wilson, W4BOH** by email:
infomet@embarqmail.com
if interested or to get more info.

(Note. It is hard to keep up with Wilson’s inventory and he has received even more equipment recently. If you are interested in used equipment, it could be worth your while contacting him. - Dee, KU4GC, editor)

DOWN-SIZING SALE of RADIO & TEST EQUIPMENT

A DFMA member is down-sizing to a location that does not allow antennas for a ham station. The following items are for sale at very reasonable prices.

- Drake TR4-C HF Transceiver
- Drake T4XC Transmitter
- Drake R4C Receiver
- Drake MS-4 Speakers w/ AC-4 Power Supplies
- Corsair CX750M Power Supply Upgrade for Drake AC4
- Drake TV-3300-LP Model 1608 Low Pass Filter
- Bird 612 Termaline Wattmeter
- Bird 6156 Termaline Wattmeter
- Almost All Digital Electronics DFD4 Frequency Counter
- Almost All Digital Electronics Precision Freq. Reference
- Heathkit Sine-Square Audio Generator IG-18
- Heathkit Antenna Noise Bridge HD-1422
- Micronta Clamp-On AC V-A Meter
- Hamtronics 2M Receiver Preamp
- Icom IC-V82 2M HT
- Icom IC-U82 440 MHz HT

Email nc4cd@earthlink.net if you are interested in buying any of these items before they go on ebay.

Do you have something that you need or something you want to get rid of? There’s this spot in The Link set aside just for you. Just email the appropriate info to ku4gc@amsat.org and it will be included with the next issue. Make sure to include contact info and feel free to include a picture (that is yours – please no copyrighted stuff from the web).

73, Dee, KU4GC

Upcoming Events (dfma.org for details)

- 11/07 DFMA Meeting, Bullock's BBQ, 6pm
- 11/13 OCRA Meeting, Efland Baha'i Center, 7:30pm
- 11/19 JARSfest, Benson, 8am-1:30pm
- 11/21 DFMA Board Meeting, virtual, 7pm
- 12/05 DFMA Christmas Party, Bullock's BBQ, 6pm

73 - Dee, KU4GC, Editor
Lenore, KF4PAB, Proofreader

Send copy to ku4gc@amsat.org
Deadline: one week before the Club Meeting
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New DFMA Mailing Address

The DFMA has a new mailing address. This is a mail service which costs less than a post office box and provides some extra services.

Please address any mail you have for the club to:

Durham FM Association
9169 W State St #644
Garden City ID 83714

Web Site: **dfma.org**