



Next Meeting:

Tuesday, September 5,
6:00pm.
At Bullock's BBQ

Program: Emergency Satellite Communicators

By: Chip Blach, KF4WBK

Chip will lead us through several ways to get help in emergencies. While not using repeaters and other ham gear he will prepare you for ways to protect yourself in case you have emergencies off the beaten path. I think you'll find this a very interesting program.

Chip was a DFMA member some decades ago. Then work moved him around. He reports: "I have been a long time Ham operator for 30 years and just moved back to NC from Colorado."

I hope you will join us on Tuesday.
73, Dee, KU4GC

President's Corner

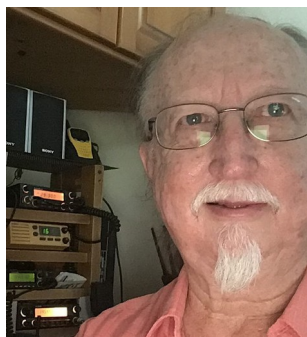
Hello fellow members! First I want to say thanks to Lenore, KF4PAB, for leading the club for the past two years. She has done a wonderful job and I am proud to be the new President of this club!

We have the opportunity to do many different things as a club and I welcome all members' input and suggestions.

We have many repeaters in the area and cover 2 meters, 6 meters, 1.25 meters(220band), and 70cm(440 band). I would encourage everyone to try them all and check in on our weekly net on 145.450 at 8pm on Thursday . The net is a great weekly test of your equipment and easy to do if you're a little "mic shy"

Let's have some fun!
Thanks again and 73!

Bob Cook, W4FK



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DFMA Elections - and the "Winners" are...

The DFMA annual elections took place at our August meeting. The results are:

President: Bob Cook, W4FK
Vice President: Chris Ferrer, KY4OU
Treasurer: Jack Hill, KM4MBG
Secretary: Pam Miller, KO4YAR
Repeater Manager: Charlie Durst, NC4CD

At Large Board Member:
Paul Robertson, N2XZF (2yr term)
Patrick Connelly, KO4QLU (2yr term)

The following Board members are going to serve the second year of their two-year terms:

Karen Snyder, KD4YJZ
Dan Eddleman, KR4UB

73, Dee, KU4GC

Pop Goes the ... What!?

When I was sitting in my usual large, dark-green chair (If you've been on Zoom, you've probably seen me in it.) when there seemed to be a very loud pop behind me and to the left of my head.

Next to me there are several shelves with a mobile rig, scanner, a clock radio, a remote phone in a charger, and a DMR HT, also in a charger. There's also all kinds of other stuff, old cell phones, e-ink readers, and all kinds of receipts and papers. (It serves as a kind of subsidiary office.) In front of me is my laptop and a video camera on a tripod all on a small wheeled table.



Anyway, with all of this stuff around, I was startled but didn't know what had happened. I looked left

and back and everything seemed to be there. And then I noticed something strange. It looked like an open wallet with two silvery packets in it. Looking more closely, it was laying on top of the charger for the MDR HT which was missing. And then, looking on the floor behind me, I found the DMR on the floor behind my chair.



So, what actually happened is that the battery for the MDR swelled up inside its plastic enclosure. The pressure finally got high enough that the battery case exploded or, less dramatically, split on its seams with such force that it was ripped out of its attachment to the DMR HT and to toss that HT out of the charger and on the floor.

While the cells have dramatically expanded, they still seem to be contained inside some kind of pouch, so no harmful chemicals seem to have escaped. I've been careful in handling it and hope things are stable for now.

I've had many Yaesu, Wouxun, and Baofeng HTs over the last 26 years. I routinely leave HTs in their chargers for long periods of time between use -- certainly months, maybe even years. I've had many batteries fail, but only in the sense that they no longer hold a charge. This is a first for me and I don't know what was different here. I'd be interested in hearing from folks who have experienced similar problems.

73, Dee, KU4GC

DMFA's Yellow Call Book - Going Down Ham Memory Lane

One of the items donated to the DFMA in recent years was a copy of the Yellow Call Book.

Published by the DFMA in 1982 and distributed to hams in the area (free of charge). Its full title was: Yellow Call book for Amateur Radio Clubs of the Durham-Raleigh Chapel Hill Area of North Carolina (2nd Edition 1982). 125 Pages. I guess the DFMA's budget was in excellent shape in those years since distributing this 125 page booklet to hams in the Triangle Area would have cost a pretty penny.

1982 was 15 years before I got my license and joined both the DFMA and OCRA. I went through this Call Book, noting names I recognized, mostly through the DFMA and a few I knew for other reasons. The "hits" were:

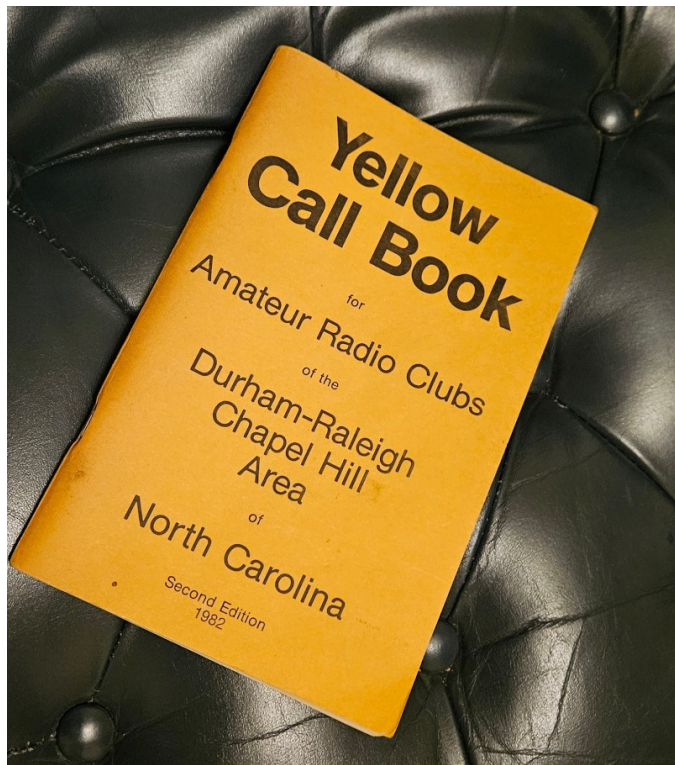
Banks Anderson, W4OFZ (DFMA)
 Roger Barr, NG4F (DFMA)
 Ed Best, AK4W (DFMA)
 Jim Botsford, W4MFK, SK
 Charlie Bryan, WA4VKX -> AB4XF
 Bud Bynum, WB4MMY -> K1BUD
 Gaynell Collins, NE4T, SK
 Herman Cone, WB4DB -> N4CH (FMDFMA)(DFMA)
 Charlie Durst, WA4WTX -> NC4CD (FMDFMA)(DFMA)
 Lee Durst, WA4HYL (DFMA)
 Joe Edwards, W4EL, SK (FMDFMA)
 Sid Edwards, W4QWM (FMDFMA) (DFMA)
 Buddy Furr, WB4MWD -> K4UNC
 Danny Hampton, K4ITL
 Jim Langley, WB4YYY (DFMA)
 Ed Lappi, WD4LOO -> AE4EC, SK
 Butch Meacham, WD4HCP -> NC4CX
 Dick Petit, WB4WCO -> WA2ROC
 Joe Ragland, W4BZL
 Frank Starmer, KB4GZ
 Phil Talbert, WB4JFE (FMDFMA)
 Deke Tattersall, KO4T, SK
 Dewey Thompson, WA4AHR (DFMA)
 Van VanderClute, N4ERM (DFMA)
 Jim Weldon, WA4OPI
 Woody Woodward, WB4SJE -> K3VSA (DFMA)

Where (FMDFMA) = Founding Member of the DFMA
 and (DFMA) = Current DFMA member.

Of course some of these people are still active and still in the DFMA or recently in the DFMA or OCRA. Some of them I had gotten to know at Duke University. In most cases I didn't even know they were hams. These include:

Banks Anderson, W4OFZ
 Roger Barr, NG4F
 Sid Edwards, W4QWM
 Joe Ragland, W4BZL
 Frank Starmer, KB4GZ
 Phil Talbert, WB4JFED

Of these, the earliest is probably Sidney Edwards. After MK (W4MKR, sk) and I were married and she had completed her undergraduate degree at Duke, she got a job working in the nuclear physics section of the Duke Physics Department while I was still a graduate student. There she worked for Sidney Edwards. In roughly the same time period I got to know Roger Barr, N4GF. We used to chat while submitting and waiting for our batch computing programs to run at TUCC (Triangle Universities Computation Center). Roger was a graduate student in Engineering and I was a graduate student in Physics. We both ended up staying at Duke after completing our degree work. Also in that time period and during most of the TUCC period, I had some interaction with Joe Ragland, W4BZL. He dealt with the TUCC produced documents that made it possible to use this regional computer facility.



When I entered the job market, I stayed at Duke, but in the Department of Psychiatry and working at the Center for the Study of Aging and Human Development, supervising the setting up and the running of a small computer facility based on an IBM 1130. (There was no Computer Science Department at that time). There I met Frank Starmer, KB4GZ, who had set up a somewhat similar system for the VA hospital. Frank later became a colleague when we founded the Computer Science Department. I also got to know Phil Talbert, WB4JFE, who was an electronics technician in the Medical Center. I was trying to interface equipment in a Cerebral Blood Flow Study to an IBM 029 keypunch so the data

would be punched out automatically. I got some help and advice from Phil. He mentioned, at the time, that he was working on some kind of repeater for ham radio - not something I was then familiar with. While not well acquainted then, I ran into Banks Anderson, W4OFZ, in connection with Aging Center research.

The rest of the people in my select list I got to know through the DFMA or OCRA. A particularly memorable person was Gaynell, NE4T. For many years she was the voice of the Possum Trot Network. She pretty much handled the net control duties single handedly, five days a week.

If you'd like to look at this Call Book some time, please let me know and I can bring it to a meeting.

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)

Club Meeting Minutes 08-01-2023

Secretary - Pam (KO4YAR)

President: Lenore (KF4PAB)

Lenore called the meeting to order at 7:00 pm

Attending

Dee (KU4GC), Charlie (NC4CD), Paul (N2XZF), Mark (KJ4NPF), Pat (KO4QLU), Pam (KO4YAR), Bob (W4FK), John Book, Keith (K4CXU), Jack (KM4MBG), Lenore (KF4PAB), Tim (KC1TWR), Chris (KY4OU), Chip (KF4WBK), Vance (KV4P), Ray, Bob (KF4NTC), Mark (AJ2X), Attending remotely: b0B (K4VO), Wilson (W4BOH), Mark (KR3AM), JR (N4JQR)

A total of 22 attendees, all but 2 of them hams.

OFFICER REPORTS

President: Lenore

Lenore thanked the officers that served last year.

Vice President - Bob, W4FK

He will be giving the program today.

Secretary - Pam

Nothing to report.

Treasurer – Jack

We have 73 members paid up as of this date.

Repeater Manager – Charlie

Charlie and Paul made a site visit to the VA repeater. There had been a few complaints about not being able to hear or access. The repeater was putting out about 20W as it should. It had a couple of watts reflected. Rearrangement of a few cables got 20W going up to the antenna.

Hamfest Chair - Dee

Hamfest for 2023 will not be held. We need a new Hamfest Chair. Someone is needed to work with Dee if we want to hold future Hamfests.

Elections

Officer elections were held. The new officers are: President, Bob (W4FK), Vice President, Chris, Treasurer, Jack, Repeater Manager, Charlie, Secretary, Pam. Members at Large officers voted in were Paul and Pat.

Door Prizes were awarded to Jack, Chris, Charlie and Bob (KF4NTC).

Program

Bob (W4FK) gave a presentation about the other radio services with which we share the bands.

Lenore 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

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

Upcoming Events (dfma.org for details)

- 09/05 DFMA Meeting, Bullock's BBQ, 6pm
- 09/11 OCRA Meeting, Efland Baha'i Center, 7:30pm
- 09/19 DFMA Board Meeting, virtual, 7pm
- 10/03 DFMA Meeting, Bullock's BBQ, 6pm