

Majors Field Amateur Radio Club

April 30, 2015

Regular Business Meeting

Agenda

- **Announcements**
- **Officer Reports**
- **Old Business**
- **New Business**
- **Remote HF Committee Discussion**
- **Adjournment**

Announcements

- Technician License Classes
April 7th ~ May 12th each Tuesday night at 5:30pm
Classes held at PD North Conference Room.
- VE Session sponsored by MFARC
May 19th 5:30pm
RSVP to classes@wd5gsl.org
Location: HRMC Hospital second floor conference room
- SVARA Meeting
May 21st 7:00pm
HRMC Hospital second floor conference room

Announcements

- MFARC Meeting
May 28th 11:45am
PD North Conference Room

Announcements

CHECK OUT ALL THE LATEST EVENTS AT:

<http://wd5gsl.org> Click on “Club Events” as seen here:

The screenshot shows a website navigation bar with the following items: Home, Club Meetings, Membership, Club Events, Files & Newsletters, Club Repeaters, Majors Field, and Get your ham license. A red arrow points to the 'Club Events' link. Below the navigation bar is a message: 'You are not authorised to Manage Events.' The main content area is titled 'Events Calendar' and includes navigation options: 'See by year', 'See by month', 'See by week', 'See Today', 'Search', and 'Jump to month'. The calendar is for March 25, 2015, and displays events for the following days:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5 11:45am Remote HF Commi ...	6	7 Irving Hamfest ...
8	9	10	11	12	13	14
15	16	17 10:00am Hunt Count S.E. ...	18	19 07:00pm SVARA Meeting	20	21
22	23	24	25	26 11:45am Regular Club Me ...	27	28
29	30	31 05:00pm VE Session	1	2	3	4

Legend: Club Events (red), Contests (grey), Public Service (yellow), General (purple), All Categories ... (grey)

Officer Reports

- **President**
Michael Ketchum – K5MDK
- **Vice President**
Stephen Denison – W5SMD
- **Secretary Treasurer**
John Nelson Jr. – NØDFW

Old Business

- **Club Project Updates:**
 - **Remote HF Station**
 1. Planning phase is complete.
 2. Vertical HF multi-band antenna purchased.
 3. Will need USB to CAT cable for Kenwood. {\$40}
 4. Phone and Intranet port are operational.
 5. Committee working with IT to get HRD installed.
 6. Committee working with EHS to move our station to next room at Fire Station and get combo lock.
 7. First version will be Digital Modes Only, no Phone/CW.

Old Business

- **Club Project Updates (continued):**
 - **VE Technician Class and exam**
 1. First VE session on 3/31 @ 5:00pm in the Rec Hall had zero candidates.
 2. Classes going well. We have 2 students.
 3. Second VE session setup for hospital May 19th.

Old Business

- **Club Project Updates (continued):**
 - **Technology Fair participation (Hamfest)**
 1. Need more information and ideas.

Old Business

- **Club Membership Drive Results**

-

E-Club:					
	YES:		No:		%Yes:
	17		1		94.4%

ARRL:					
	YES:		No:		%Yes:
	8		10		44.4%

Lic Class:									
	None:		Tech:		Gen:		Ext/Adv:		%Hams:
	2		1		5		10		88.9%

Paid:					
	YES:		No:		%Yes:
	13		5		72.2%

- After filling out the form on web site, send dues payment to John Nelson – NØDFW directly or mail to:

P.O. Box 8294 Greenville, TX 75404-8294

Old Business

- **147.16 Repeater Upgrade**
 - Upgrade complete.
 - Need to replace two coax cables
 - Need keys to the new cabinet.
 - Need to reprogram announcements

Old Business

- **Are there any items of old business that must be brought before the club?**

New Business

sym·po·si·um

/sim'pōzēəm/

noun

a conference or meeting to discuss a particular subject.

• a collection of essays or papers on a particular subject by a number of contributors.

- **“Radio Frequency Communication” Series**
 - Mark Bushnell – AE5FG proposes this idea.
 - MFARC to host to entire L-3 population
 - Symposiums held once a month
 - Presenters will be hams and non-ham SMEs
 - List of topics has been proposed...

New Business

- **“Radio Frequency Communication” Series** continued
 - **Radio frequency basics**
 - **COURSE OVERVIEW** This course emphasizes the concepts behind RF Systems theory and operation. Topics include basic radio transmitters and receivers, RF propagation, modulation, antenna systems, transmission lines and data-communications.
 - **COURSE OBJECTIVES** After completing this course, the student will be able to:
 - Describe electrical principles, including direct and alternating current.
 - Describe the basic structure of radio transmitters and receivers.
 - Describe the operation of the antenna system.
 - Identify different types of transmission media.
 - Describe RF propagation and understand system gains in a link budget.
 - **Modulation and information communication**
 - Analog and digital modulation
 - **Radio receiver fundamentals**
 - **Radio transmitter fundamentals**

New Business

- **“Radio Frequency Communication” Series** continued
 - RF propagation
 - Around the world
 - 25 miles for less than 25 bucks?
 - Voice communications
 - Data communications
 - Frequency Coordination (authorized frequencies for use)
 - Frequency band plans
 - Encryption
 - Wireless networks
 - Antennas
 - Software defined radio
 - Electromagnetic Compatibility/Interference
 - ... More topics?

New Business

- **Green Tag for HT**

- **We are considering a one-time group HT Green Tag Authorization.**
- **If you have an HT that you would like to get a GREEN TAG for, you can participate.**
- **What is required:**
 - **The FCC ID#, Model # and Serial # of your HT**
 - **A copy (PDF) of the FCC Grant of Equipment Authorization for the HT model**
 - **Your NAME, Clock #, E-Mail and Phone**
- **We will send this info to the Frequency Coordinator for approval.**
- **We will get the approval and forward to you and Security**
- **To complete the process:**
 - **You will be required to bring your HT into security.**
 - **You will show the Frequency Coordinator approval (e-mail)**
 - **Security will install the green tag on your HT.**

- **Who Is Interested?**

New Business

- **Are there any items of new business that must be brought before the club?**

Remote HF Station Committee

HF Antenna Build

Next Steps...

Adjournment