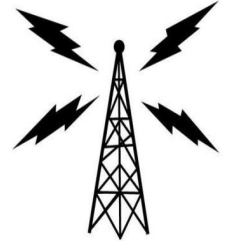




DFARG Signal



MARS is looking for a few good operators

MARS is the Military Auxiliary Radio System, a Department of Defense sponsored program, with separate branches operated by the Army and Air Force. It organizes and trains licensed amateur radio operators to support military communications activities. MARS operation is a federal military activity and is not regulated under 47 CFR Part 97 and the Federal Communications Commission.

MARS operators perform three primary functions:

- Provide radio communications support to the DoD by staffing the Global High Frequency Enterprise Network (GHFEN). The GHFEN provides HF connectivity in the event of a denial of cyberspace.
- Support DoD Humanitarian Assistance and Disaster Relief (HADR) efforts by interfacing with Amateur Radio stations in disaster areas, or other Amateur Radio stations that are in contact with Amateur stations in the disaster area, to obtain information concerning the condi-

tions, impact of the disaster, and other information pertinent to coordinating a U.S. HADR response.

- Provide temporary disaster communications support to State and Local Civil Authorities, when requested and authorized by the DoD, until those Civil Authorities are able to serve their citizens without additional military support.

One traditional MARS function, processing Morale, Welfare and Recreation (MWR) related messages and telephone calls to or from U.S. servicemen and women located throughout the world, commonly referred to as "MARSGRAMS" is still considered a secondary MARS mission, but has largely been rendered redundant by the internet and cellular telephone networks.

Prospective MARS members must be:

- 18 years of age or older
- A citizen of the United States
- In possession of an FCC Amateur Radio license
- Willing to follow all rules and procedures

prescribed by the Army and have a desire to provide voluntary communications support to the defense of the United States.

- Of good moral character.

There are training requirements for both Army and Air Force MARS, the basis of which is the Federal Emergency Management Agency's (FEMA) National Incident Management System (NIMS).

MARS members own, or have unrestricted access to:

- A radio station capable of transmitting and receiving in all ITU Fixed Service Bands between 2-30 MHz on both SSB voice and MIL-STD digital modes. The transmitting equipment must meet minimum technical parameters required by the NTIA. (ref NTIA



Manual section 7.3.9) - A terminal or computer system connected to the radio equipment so that text based messages sent or received may be drafted or displayed. AMARS provides windows based software to aid in the drafting of messages using Military Standard (MIL-STD) formats.

The MARS programs supply required software, but MARS stations operate adjacent to, but outside authorized Amateur Radio frequencies. Transceivers must be modified to work on these frequencies.

If you are interested in joining MARS, here are the websites for [Army MARS](#) and [Air Force MARS](#).

Volume 1, Issue 10

November 15, 2019

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Monthly meeting is November 21 at the shack in Little Mountain. This month at 6:30 PM for Cliff Kayhart ARRL Award!

Upcoming Regional Hamfests and Conventions

11/23/2019 | [Flea at U. of Miami](#)
Location: Coral Gables, FL

11/30/2019 | [Palms West WV4I Memorial Flea Market](#)
Location: West Palm Beach, FL

12/07/2019 | [Silver Springs Radio Club Hamfest 2019](#)
Location: Ocala, FL

12/13/2019 | [ARRL West Central Florida Section Convention, Tampa Bay Hamfest](#)
Location: Plant City , FL

01/04/2020 | [Annual Freezefest](#)
Location: :Locust Fork, AL

01/11/2020 | [Georgia State ARES Meeting, ARRL Operating Specialty Convention](#)

Location: Forsyth, GA
 01/11/2020 | [TARCFest](#)
Location: Tampa, FL

Regional Net Schedule

All Times in Eastern Time Zone

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	South Carolina SSB Net 1900 3.915						
	Coastal Carolina Emergency Net 1900 3.907						
	South Coast Amateur Radio Service 0800-1100 7.251						
	Intercontinental Amateur Traffic Net 0700-1100 14.300						
	Salvation Army Team Emergency Radio Network 1100 14.265						
	7240 Club 1000-1200 7.240						
		- -	- -	- -	- -	- -	- -
		- -	- -	- -	- -	- -	- -
		- -	- -	- -	- -	- -	- -
1930		Little Mountain 147.210 + T156.7					
2000		Kershaw ARC 146.775 - T156.7	Sandlapper SSB 50.250		Calhoun ARES 146.670 - T 156.7		
2030	Columbia ARC 147.33 + T 156.7		Lexington ARES 147.000 + T123.0	Columbia ARC 147.33 + T 156.7			
2100	Ridge ARC 146.550 Simplex				Greenwood ARS 147.165 + T 107.2		Ridge ARC First Saturday 3.959
	Ridge ARC 147.255 + T123.0 after simplex						

DFARG Monthly Meeting, October, 2019

1. David Graham, President of DFARG, called the meeting to order at 7:00 pm.

2. David Graham, called the Secretary, Jim Walters, to read the Minutes of the September 19, 2019, Meeting. Then, the Secretary in keeping with an established procedure where members in attendance were polled to determine that a majority had read the Minutes on line, moved to approve the Minutes as read including corrections. The Minutes were unanimously approved as read

3. Hugh Sammons gave the monthly Treasurer's report.

4. President Graham welcomed Nancy Upchurch, Marvin's daughter, and her husband to DFARG's October meeting. Jim Walters as DFARG Legal Officer executed Newberry County Probate documents presented by Nancy certifying Marvin's equipment inventory prepared by Tim Smith, Smitty, and donated by Nancy to DFARG. Nancy was told of DFARG's plan to establish a memorial station using Marvin's equipment to honor her father. Smitty, a VEC, will be assisting Nancy as a new DFARG member in obtaining her Technician license and filing with the FCC for Marvin's call, W2PAT. As Marvin's

daughter Nancy will not have to wait the regulatory two years after the previous holder's passing to file for W2PAT.

5. Dan Goldston, Newberry County ARES representative and DFARG member, reports that the vhf/uhf communication link between the Newberry EOC and Newberry hospital is now operational but Corey Bishop needs volunteer communicators to test and use it.

6. David Graham has learned from meeting with the County fire chief that the ladder truck's mobile units have failed to meet certified response requirements. Tommy Long, Newberry County Emergency Preparedness Director is working at the State level to certify DFARG to assist in alleviating the situation.

7. Jack Jackson, thanked Nancy again for her heartfelt donation of Marvin's radio equipment to DFARG. Then, on behalf of DFARG, Jack presented Nancy with Marvin's QCWA, Quarter Century Wireless Association, plaque and the Heil, PR-20 microphone and stand that Marvin had used with his Icom 756 Pro III. Nancy graciously accepted the plaque and microphone, thereafter speaking with emotion of her dear father and his life time of memorable achievements and how W2PAT, 86 years a

Ham, was on the radio talking with his friends up to his passing. Hugh Sammons told the story that when Marvin attended Cliff's 107th. birthday party, Marvin quipped that it was the first time the party was for someone older than him.

8. Jim Lamb Chairman of the Nomination Committee presented to the Group a slate of five qualified candidates for nomination to serve as DFARG's officers for 2020. Candidates were selected to serve in the following positions: Charlie Brown, KD4CB, President; Tim Smith, K4OIW, Vice President; Elaine Thorp, N4EHT, Secretary; John Seibels, K4AXV, Treasurer; and, Jim Walters, KB4FF, Legal Officer. A motion to accept the Committee's recommended candidates for nomination was made, seconded and upon the affirmative vote of the Group the nominees were approved as candidates for election to be held November 21, 2019. In addition to nominees recommended by the Nomination Committee, candidates may also be nominated from the floor. Upon the President's call for "any other nominations", Jack Jackson, offered Bruce Frost's, KI4VRO, nomination first for President then for Vice President, Bruce being unwilling to serve as President. Upon motion seconded, Bruce Frost, KI4VRO, was nominated as a candidate for Vice President. Thereafter, the President closed the nominations and directed the

November 21, 2019, election to be conducted by secret ballot.

9. David Graham spoke at length of his enjoyable time serving as DFARG President and the pleasure of welcoming all the new members and guest speakers. Satisfaction was expressed in leading DFARG's reorganization and its merger with PARC, as well as, in his involvement in the many improvements made to the facility and equipment. David expressed regret in not continuing to serve his amateur radio friends as President next year. He explained that His position as fire chief, increased travel, involvement with the Boy Scouts and expectations of his spouse will keep him busy.

10. Charlie Brown is in the process of polling recipients of the DFARG News Letter to determine who might object to inclusion of their email address in distribution of the DFARG Roster. When finished, the email edited, and updated DFARG Roster, as same may be amended from time to time, will be sent to all present and future News Letter recipients as an attached Excel file. To email a member, click on "Enable Editing", open the file and click on a member's email address to activate your "New Mail" app to send a message. If you aren't using Windows O/S with Excel or cannot open the file, a hard copy of the Roster will be available at the monthly meeting.

Con't. on page 4

Treasurer's Report

Beginning balance	1,180.16
Gas Expense	-14.98
Dues Received	+20.00
Closing Balance	1,185.18

Minutes, con't.

Copies available at the monthly meeting will show all email addresses of record.

11. A member stated that he had recently spoken with Tom Francis about the DFARG name tags. He is not feeling well, but we should expect him to deliver them at the November, 21, 2019, meeting.

12. John Miller announced that he would conduct QRP Training at the Shack starting the third week in January, 2020, with emphasis on developing CW skills. Classes will run two hours each night, Monday through Friday for five days. Code practice oscillators will be furnished each participant. John is providing us a fantastic opportunity to improve our CW sending and receiving speed. Training that most all of us can benefit from.

13. Jack Jackson as a Facilities Committee Director has agreed to find a way to repair the HF, yagi, beam. The difficulty lies in obtaining a bucket truck or crane needed to reach the split boom. The aluminum, end tube of the telescoping boom has dropped a few degrees from the supporting

inner boom section as the aluminum tube is split open. The fix is though to require attaching SS hose clamps or a sleeve around the split section of tubing to strengthen and straighten it. The split tubing cannot be reached by a tower climber. It is my understanding that the rotor turns and the beam shows an acceptable SWR, however, the split will only grow worse until the beam is unusable. Do we wait until then?

14. The meeting was adjourned at approximately 7:45 pm.

Jim Walters
Secretary



Upcoming Contests

November
23-24 CQ Worldwide DX Contest, CW

December
6-8 ARRL 160 Meter CW
7-8 International Naval Contest
14-15 ARRL 10 Meter
22 ARRL Rookie Roundup-CW

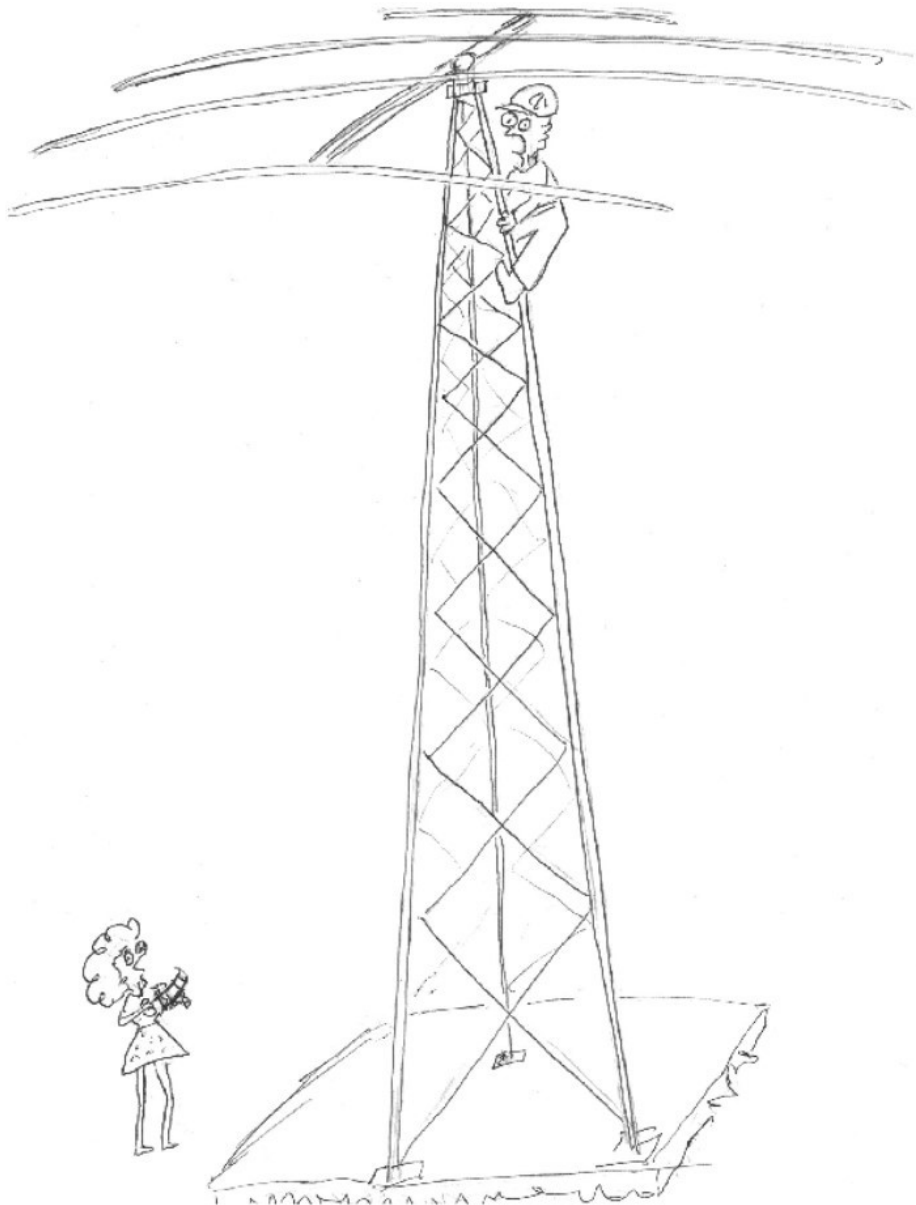
Kudos to the DFARG team in the 2019 SC QSO Party for taking first place in the Multi-Op, Low Power, SSB Division. Operators included:
Steve Dornburg
Steve Brumagin
Elaine Thorpe
Charlie Brown
Bruce Frost
Tom Francis
Hugh Sammons

WE'RE ON THE WEB!
WWW.W4DFG.ORG

Upcoming DXpeditions:

For more information go to <https://www.ng3k.com/>

Start	End	DXCC	Call	Info
Nov04	Nov20	Rwanda	9X2AW	HF; CW SSB RTTY FT8
Nov05	Nov14	Belize	V31FI	HF; RTTY, some CW
Nov06	Nov19	Marquesas	TX7T	Hiva Oa I; 160-6m; CW SSB FT8
Nov07	Nov16	St Martin	FS	HF; FT8 PSK31; 25-100w
Nov09	Nov16	El Salvador	YS	160-10m; SSB FT8
Nov08	Nov17	Burkina Faso	XT2BR	Ouagadougou; HF; CW SSB + digital; 100w
Nov09	Nov18	Martinique	FM	40-10m; CW
Nov10	Nov17	Maldives	8Q7KX	Baa Atoll (IOTA AS-013); 40 30 20 15 10m; CW; 100w
Nov10	Nov30	Bolivia	CP1XRM	By EA5RM; 40-10m; SSB + digital; spare time operation
Nov10	Nov30	Maldives	8Q7XR	IOTA AS-013; 80-10m; CW SSB FT8
Nov12	Dec25	Madagascar	5R	SSB CW + digital (incl FT8 FT4); 500w
Nov12	Nov29	Cocos Keeling	VK9CZ	IOTA OC-003; 160-10m,CW SSB FT8
Nov12	Dec31	Thailand	HSOZME	Hua Hin (NK92xm); 40-10m; mainly CW; 100w
Nov14	Nov20	Vanuatu	YJOFWA	IOTA OC-035; 160-17m; CW SSB RTTY FT8
Nov14	Nov26	Temotu	H40	Pigeon I (IOTA OC-065); 160-10m; CW SSB RTTY FT8
Nov16	Nov28	Tanzania	5H3UA	Zanzibar I (IOTA AF-032); all HF bands; CW SSB + digital
Nov16	Nov30	Saba & St Eustatius	PJ5	St Eustatius I (IOTA NA-145); 160-10m; CW SSB + digital
Nov17	Nov30	Vietnam	XV9D	40-17m
Nov21	Nov27	Lord Howe I	VK9LQ	160-6m; CW SSB FT8 + other digital
Nov21	Nov27	Palau	T88DT	Koror I (IOTA OC-009); 160-6m; SSB CW+ digital
Nov22	Nov28	Guatemala	TG	CW FT8 RTTY
Nov23	Nov27	Wallis & Futuna	FW	Wallis I; 160-10m; CW FT8
Nov24	Dec31	Tonga	A35JP	Tongatapu I (IOTA OC-049); 160-10m; CW SSB FT8
Nov26	Dec28	Ghana	9G5GS	60-20m + satellite; FT8 Fox/Hound, SSB; 100w
Nov27	2020 Jan05	Rotuma	3D2AG/p	B160 80 60m; CW SSB RTTY FT8
Nov28	Dec13	Gambia	C56PIS	HF
Nov29	Nov30	Peru	OC3CS	Casma Province; HF; SSB + digital
Dec02	Dec09	Micronesia	V6K	Kosrae I (IOTA OC-059); focus on 160 80m; CW;
Dec02	Dec20	Burkina Faso	XT2AW	Ouagadougou; focus on 160 80 60m; CW SSB RTTY FT8
Dec02	2020 Jan05	Ecuador	HC	Loja and possibly Guayaquil; 40-10m; SSB + digital
Dec04	Dec13	St Martin	TO9W	160-6m, focus on 160 80 40m; mainly CW FT8
Dec10	Dec23	Maldives	8Q7XY	40 30 20 15 10m; mainly FT8 SSB
Dec13	Dec15	Senegal	6V1A	Goree I (IOTA AF-045); HF; SSB CW
Dec13	Dec20	Georgia	4L	focus on low bands; mainly FT8 FT4; 100w
Dec14	2020 Jan08	Thailand	HSOZNR	Nam Yuen, Ubon Ratchathani; 80-10m; SSB FT8; 200w
Dec15	Dec21	Ecuador	HC5JLT	HF + 6m; SSB CW + digital
Dec21	Dec28	Liechtenstein	HBO	80-10m; SSB CW + digital; 1kw



Ham Humor

“Honey, did you mean to take this tool belt up with you?”