



# On Your MARC

The Newsletter of the McKinney Amateur Radio Club,  
W5MRC



Volume 43 #07

Visit our Web page @ <http://www.mckinneyarc.org>

July, 2018

## Next Meeting:

Greg Evans, K5GTX, Collin County EOC, will present information about the work of ARES in Collin County. As the Coordinator, Greg has the inside scoop on ARES training, activities, and preparedness preparations.

Have questions about ARES? Collin County's support of ARES? How you may play an important part in ARES? Come on out and get answers!

### MEETING PLACE

MARC holds its regular business meetings on the second Tuesday of each month at 7pm. Meetings are located at:

Spring Creek Barbeque  
1993 North Central Expressway  
McKinney, TX

Exit US-75 at US-380 (University Drive), travel west making a right into the Target complex.

Once in the complex, Spring Creek can be found to your right directly across from the Target Building.

### MARC Mentoring Program

Are you looking for someone to answer Amateur Radio related questions or assist you with getting to that next license class? Contact the MARC Mentor Program Coordinator to be matched up with a volunteer Mentor who will work with you. Send an Email to [mentor@mckinneyarc.org](mailto:mentor@mckinneyarc.org) for more information, to start getting answers, or if YOU would like to become a Mentor!



## President's Message

Well it has finally happened! After years of discussion, the McKinney Amateur Radio Club is now stepping into the digital age. This was confirmed with a quorum of the membership vote at the June 12 general meeting, ratifying a motion to purchase a Yaesu Fusion repeater and accessories that were made available to us by a member. Don't go buy a radio just yet! We are looking at this purchase as an opportunity to better learn, understand and evaluate the Fusion system with the hope that we will soon have this repeater up and running. The membership authorized MARC to spend up to \$1,000 for this transaction. You may note in the minutes for the MARC Board of Directors (BOD) meeting that there was some discussion regarding a member's concern that perhaps the vote was not conducted in accordance with our constitution and constitution bylaws. This discussion continued during, as well as after (via email), the BOD meeting. Ultimately, it was the unanimous conclusion of the MARC BOD that the motion, presentation and ratification was completely in conformance with the MARC constitution and constitution bylaws, and that no other action was required. The MARC treasurer, communications director and repeater trustee have been asked to proceed with coordination of payment and delivery.

Field Day! What a great experience. A quick comment is not nearly enough. More of this to be discussed at our July general meeting. But I cannot be remiss: Thanks to Michael N5MAJ and Sid K5DKW for a great job in coordinating this event, and to all that helped and participated! I am already looking forward to next year's event!

73,

Bill N5YZ

MARC President

[Email: president@mckinneyarc.org](mailto:president@mckinneyarc.org)

# MARC Officers and Supporting Roles

## 2018 MARC OFFICERS

**President:** ..... Bill Vining, N5YZ  
[president@mckinneyc.org](mailto:president@mckinneyc.org)

**Vice President:** ..... Robert DiGioia, N5SP  
[programs@mckinneyc.org](mailto:programs@mckinneyc.org)

**Secretary:** ..... Lisa Barnes, KG5OBK  
[secretary@mckinneyc.org](mailto:secretary@mckinneyc.org)

**Treasurer:** ..... Dave Piekarski, N5EEN  
[treasurer@mckinneyc.org](mailto:treasurer@mckinneyc.org)

**Newsletter Editor:** ..... Bob DeVance, K5CRX  
[newsletter@mckinneyc.org](mailto:newsletter@mckinneyc.org)

**Director-at-Large:** ..... Andy Barnes, W5KZJ  
[dirlarge@mckinneyc.org](mailto:dirlarge@mckinneyc.org)

**Repeater Trustee:** ..... Ron Carlson, WW2CBI  
[trustee@mckinneyc.org](mailto:trustee@mckinneyc.org)

**Communications Director:** Bob DeVance, K5CRX  
[commdirector@mckinneyc.org](mailto:commdirector@mckinneyc.org)

### Supporting Roles

**ARRL Awards Manager:** ..... Mike Baker, W8CM

**Club FCC License Trustee:** ..... Brian Belcher, WA5M

**Club Librarian:** ..... Ron Carlson, WW2CBI

**Mentor Coordinator:** ..... Claude Canterbury, KE6EJG  
[mentor@mckinneyc.org](mailto:mentor@mckinneyc.org)

**Net Manager:** ..... Kyle Ackerman, KC5VEW

**Public Information Officer:** ..... Lynda Tuma, KF5JUO  
[info@mckinneyc.org](mailto:info@mckinneyc.org)

**QSL Manager:** ..... Claude Canterbury, KE6EJG

**Repeater Control Operators:** ..... Brian Belcher, WA5M  
Mike Baker, W8CM  
Dave Piekarski, K5EEN

**VE Team Leader:** ..... Stephen Reinen, N8BP  
[ve-testing@mckinneyc.org](mailto:ve-testing@mckinneyc.org)

**Webmaster:** ..... Michael Griego, N5GNU  
[webmaster@mckinneyc.org](mailto:webmaster@mckinneyc.org)

**Web Administrator:** ..... Mike Jarvis, N5MAJ

**Youth Coordinator:** ..... Dam McKinley, W5FRT  
[youth@mckinneyc.org](mailto:youth@mckinneyc.org)

**Meeting Presentations:** If you or someone you know would like to present a topic at one of our meetings, or if you have questions about a past presentation, please contact our presentation coordinator at [programs@mckinneyc.org](mailto:programs@mckinneyc.org)

**Join Us!** The club is open to all, especially those who want to be or are involved in Amateur Radio. Please contact the club secretary at [secretary@mckinneyc.org](mailto:secretary@mckinneyc.org) or by post at the above address for more information or access an application on our website <http://mckinneyc.org/>.

### **CREDITS & KUDOS**

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## **Distribution and Submission Information**

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ALL current members including those who are part of family memberships may receive the Emailed version. To switch versions send an Email [newsletter@mckinneyc.org](mailto:newsletter@mckinneyc.org) and include the following information: Member Name, Call Sign, Email address and version desired.

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[newsletter@mckinneyc.org](mailto:newsletter@mckinneyc.org)

or  
Editor, **On Your MARC**  
P.O. Box 267  
McKinney, TX 75069

**Submissions may be sent at any time.** The Editor reserves the right to determine suitability for inclusion in the newsletter.

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# Minutes of the General Meeting



**McKinney Amateur Radio Club, Inc.**

## Minutes of the General Meeting

**June 12, 2018**

Bill- N5YZ called the meeting to order at 7 PM and led the membership in the Pledge of Allegiance. Introductions went around the room, there were 45 members and guests present.

Bill-N5YZ reported that Ike Blevins- W1KE has gone Silent Key, graveside services will be Thursday at 10 AM at Lakeview Cemetery in Wylie TX.

**NEW LICENSEES/CALL SIGNS:** no report from VE testing available.

**SECRETARY'S REPORT:** Bill- N5YZ reported that the Minutes of the May General Meeting had been published in the June Newsletter, and requested a motion to approve the Minutes as published. Motion by Bob- K5CRX, second by Jeff- W5JLT. The motion carried.

**TREASURER'S REPORT:** Bill- N5YZ presented the Club's Financial report as compiled by our Treasurer, Dave- K5EEN:

Beginning Balance:	\$ 15,398.52
+ Revenue	: \$ 94.22
- Expenses	: \$ 135.92
= Ending Balance	: \$15,356.82

**CLUB NETS:** Bill N5YZ reviewed our Club nets.

General Information Net: Every Sunday at 8:00PM – W5MRC repeater, 146.740 MHz, offset -0.600 MHz, tone 110.9 Hz

Ladies Net: Every Monday at 8:00PM – W5MRC repeater, 146.740 MHz, offset -0.600 MHz, tone 110.9 Hz

Simplex Net: Every Monday at 8:30PM – 146.540 MHz. No offset or tone required.

### **BUSINESS:**

HAM-COM: Brian- WA5M, gave a report regarding income from the Tailgate Party/ parking lot with revenue of approximately \$768. He thanked those who helped, Robert- NS5P, Andy- W5KZJ, Dennis- KG5VSP. Bob- K5CRX reported club income at the sales table of \$331.00.

**BOARD MEETING:** Bill- N5YZ announced the next board meeting will be June 16, 2018, at 8 AM at Creekwood United Methodist Church, 261 Country Club Road, Allen TX

**REPEATER NEWS:** Bob- K5CRX reported that the club accepted the second proposal from the City of McKinney 5 weeks ago, but we have not received a response yet from the city.

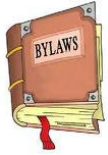
Ron- WW2CBI reported that the UHF repeater in Melissa went down. The air conditioner had shorted out and popped a breaker, but it is now back on the air.

Ron- WW2CBI reported that last month he went through a detailed presentation regarding an opportunity to purchase a Yaesu Fusion Digital Repeater and that the board recommends looking at the purchase as an experiment. He reviewed responses to some questions that were fielded.

Bob- K5CRX made a motion that the board be authorized to spend up to \$1,000 for a Yaesu Fusion Repeater system and to negotiate for the best deal. The motion was seconded by Dave- KS5SK. Additional questions were answered. There were 34 members in favor of the motion and 3 nays. Motion carried.

*(Continued on page 6)*

# Minutes of the Board Meeting



## Minutes of the Board Meeting

Minutes of the Board of Directors Meeting  
6/16/18

**ATTENDEES:** Bill Vining - N5YZ, Robert DiGioia - N5SP, Dave Piekarski - K5EEN, Bob DeVance - K5CRX, Andy Barnes W5KZJ, Ron Carlson - WW2CBI, Lisa Barnes - KG5OBK

**GUESTS:** Sid - K5DKW, Dave- KS5SK, Mike - W8CM

Bill- N5YZ called the meeting to order at 8:00AM and Lisa- KG5OBK opened with prayer

**SECRETARY'S REPORT:** Lisa - KG5OBK reported that the minutes of the May Board Meeting had been published in the May Newsletter and made a motion to approve the minutes as published. Second by Bob- K5CRX. Motion carried.

**TREASURER'S REPORT:** Dave - K5EEN, provided the Club's Financial Report.

Beginning Balance: \$15,356.95  
+ Total Revenue : \$ 1553.00  
- Total Expenses : \$ 72.87  
= Ending Balance : \$16,837.11

### OLD BUSINESS:

HAM-COM: Dave- K5EEN reported revenue from HAM-COM: Equipment sales \$331.50, parking lot \$769.

Heard Museum: Dave- KS5SK states that he is having no problems with 20, 17, 15, side band contacts. Is talking to Sy about putting together a special event. Dave is putting up a wire antenna today.

Field Day: Sid- K5DKW reports that canopies are needed. Sign up is progressing. Received

\$100 donation for fuel/ expenses. Discussed sending out an email through HamClubOnline. States the field needs to be mowed yet. Discussed the set up for the day with the CSU and Jeff- W5JTL's trailer on site. Tracy -KE7VDI is going to haul the towers in his trailer. Trey Waggoner has tables and chairs we can use. Andy W5KZJ has volunteered to pick them up. We will be putting up 2 towers instead of 3 this year and will add 10 meters. The presentation regarding Field Day from the last general meeting will be available on the club website.

HamClubOnline: Dave- K5EEN reported that we have 115 active members on the roster. Is going to be adding the inactive members. He reports we will no longer be prorating memberships, that when dues are paid they will be due again one year from the renewal date. He will be setting up automatic e-mails for renewals and expiration of memberships/ dues. He reports new members can apply electronically and the application can go into a queue for approval before going on the roster.

Smiles Charity event: Andy-W5KZJ thanked all who helped at the annual event. There were 12 members who volunteered.

### Repeaters update:

City of McKinney: Bob- K5CRX states they sent back the revised MUA 6 weeks ago and the public works director has it.

*(Continued on page 11)*

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**NOTICE**  
**The next MARC Board meeting will be held on July 21 , 2018**

**at**  
**Creekwood United Methodist Church**  
**261 Country Club Road**  
**Allen, TX 75002**

**Visitors are always welcome!**

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# MARC HamCom 2018

MARC had its traditional club banner on display and a consignment table front and center at HamCom 2018. We felt at home in a familiar spot. Many of our members placed items for sale on the table and many members also manned the table during open hours.

Thanks to Dave, K5EEN, for delivering the CSU to HamCom for talk-in use and picking it up again after HamCom. The CSU was open to the public to display our communications capabilities.

A thank you goes to all those who helped with talk-in—both from their home stations and from the CSU.

Thanks also to Brian, WA5M, for organizing our members for tail-gate parking lot collection on Friday and Sunday. Many of our members participated and their efforts were handsomely rewarded with a sizeable collection for the club treasury.

Of course the big question coming from most hams' lips was, "So what did YOU buy?" There were lots of answers to that ranging from a new club shirt to a new antenna to a prize antique find.

Now — what about 2019? The HamCom organizers have assured all of us that they have the facility again next year and on the same schedule. This should eliminate a lot of the confusion we learned from this year. So — put the second weekend in June, 2019, on your calendar now.

Bob, K5CRX



*(Continued from page 3)*

**PROGRAM:** The MARC Special Award Winner at the Dallas Regional Science and Engineering Fair 2018- Jonathan Smith- KG5ITR and his sister Rebecca Smith gave a presentation on “Design, Build and Testing of an Off-Center Fed Dipole Antenna”.

Sid- K5DKW and Mike N5MAJ gave an excellent presentation about Field Day coming up on June 23 and 24, 2018 in McKinney. We will be operating as a Class 3A. Address: 200 Plateau Drive, McKinney TX. Volunteers are needed to assist throughout the event starting at 8 AM to set up on June 23 and ending with tear-down after the 1 PM end date on June 24. Dave- K5EEN will be safety officer and will be responsible for the antennas. Sid K5DKW and Mike N5MAJ will be responsible for the rules. Bob- K5CRX will be handling publicity and the GOTA station. Robert NS5P will be responsible for getting the report to ARRL. There will be a sign-up genius available for volunteers for the event.

Bill- N5YZ presented the budget for field day. He advised that the total budget is \$600, \$250 of which has already been approved by the BOD. The remaining budget of \$350 was brought to the membership for a vote. Dave- KS5SK made a motion to approve the budget, Ron- K1HZ seconded the motion. Motion carried.

Dave- KS5SK reported that the station at the Heard Museum is operating well. CW and side band are also working well.

The wife of Ron- K1HZ, chairperson of the board for SMILES Charity, thanked our club for participating in the 2018 SMILES Charity event in May.

*(Continued on page 11)*

## **From the Editor:**

I hope you enjoy this issue of “On Your MARC”. As always, we need your articles and input to create a great newsletter.

We really do need your articles - how about a two or three-liner? Maybe an operating tip, a gotcha, or acknowledgement of a good deed?

Need help with your bio? Just answer the questions in the questionnaire below and send it to [newsletter@mckinneyarc.org](mailto:newsletter@mckinneyarc.org). I'll convert your information into a “Meet the Member” article and include it in the next issue of “On Your MARC”.

Keep reading!! And keep submitting articles and ideas!!

Bob, K5CRX, Editor

## **Help for “Meet the Members” Articles**

To help you submit your “Meet the Members” article, just fill in the following questionnaire and send it to [newsletter@mckinneyarc.org](mailto:newsletter@mckinneyarc.org).

Name:

Call sign:

Operator Class:

Where did you grow up?

When were you first licensed as a HAM?

Where did you take your exam(s)?

What interested you most about HAM radio?

What is your favorite part of HAM radio (local communications, “rag-chewing”, DX chasing, emergency communications, special events, public service, etc.)?

What types of HAM operating do you like (local thru the repeater, digital operations, HF rag-chewing, HF contesting, award qualification, etc.)?

What are your goals for your future in HAM radio?

## Meet the Members

**Name:** Afshin "Hash" Salehi

**Call sign:** My first one in high school was KE6KTZ, and I was recently relicensed as KG5RVT when I took the Tech and General at the same VE session. I went back a few months later and got my Extra and decided to request a new call and was given **AG5OW**.

**Operator Class:** Extra

I grew up in Modesto, CA, then moved to Fresno, CA, in my senior year of high school. We stayed in Fresno until 3 years ago when I moved to McKinney, TX. I was first licensed in 1994 but that expired when I moved (and didn't get the FCC Notice!)

For the first exams I took, I remember my mom had to drive me out to a test location a couple times but can't remember where it was. She definitely remembered and told me it was far!

At that time, HAM radio was the only way a kid could communicate with anyone remotely. 5-year olds didn't have cell phones back then! :) I also love electronics and RF communications and had an electronics teacher in high school that told me about Ham Radio.

I like building my own gear and experimenting with radio. DX chasing on FT8 has been pretty fun and I have had a few QSO's via phone as well on 20M. I enjoy the Ham community and being around like-minded individuals.

Digital (FT8, DMR) has been fun and I really have enjoyed HF and operating with less than ideal antenna's in the HOA! Have had some good conversations on DMR and you can't beat that voice clarity.

I just really enjoy learning, from machining, SDR, Reverse Engineering to Ham Radio. My goal is to keep learning new things. I look forward to an excuse to purchase a Fusion radio in the very near future to learn about that!

**-Hash, AG5OW**



Photo by K5MFP

# Field Day Clips and Snips

I don't know how you feel, but I think MARC had a terrific Field Day 2018! Officially, there were 65 attending per the sign in sheet. There were 608 CW QSOs, 7 digital QSOs, and 392 phone QSOs. When all the point multipliers were computed, our submitted score is 3,244 points. That's not bad considering band conditions, simultaneously available antennas, and number of operators. Our VE team, led by Stephen, N8BP, tested four candidates with three new licensees. We had an abundance of food both for dinner Saturday night and for breakfast Sunday morning. Coffee was hot and ready Sunday morning thanks to Jeff, W5JLT, who also supplied an air conditioned RV trailer for the CW operators. More excitement than wanted blew in about

2:00 AM Sunday morning in the form of wind storm. One canopy was wrecked and shredded before those on site could get the canopies down from their frames! Fortunately, all antennas remained securely in the air. Many thanks go to many people who physically supported this field day. More recognition will follow at subsequent club meetings and gatherings.  
Bob, K5CRX



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## Field Day Report—Robert, NS5P

What a great Field Day we had this year. Michael, N5MAJ, and Sid, KG5VDS, provided stellar leadership and together with Dave, KS5SK, found a great location and did a great job planning a successful event. Please join me in congratulating them for a job well done.

We made 1,004 contacts this year, 608 CW, 389 phone, and 7 digital. That earned the Club 3,244 points including the 2X multiplier for running on emergency power. We also earned 710 bonus points, giving us a total submitted score of 3,954 points (subject to validation by the ARRL).

Propagation was pretty good for being at the solar minimum. There were a number of sunspots over the weekend which certainly helped out. As expected, 20 and 40 meters were the main workhorse bands, with 37% of the QSOs occurring on each of these two bands. 15 meters was also pretty good during the day, with 13% of the QSOs, but I was surprised that 10 meters was wide open as well, also making up 13% of the QSOs. It was good planning to include a 10 meter beam in the antenna plan this year!

We contacted all 50 states, and 69 of the 71 ARRL US sections, a 97% contact rate, missing only Northern New York and the Virgin Islands. Additionally, we contacted 8 of 12 Canadian provinces and 1 DX entity, New Zealand.

We operated for 23 hours and 15 minutes if you deduct breaks greater than 30 minutes, and 23 hours 55 minutes if you deduct breaks greater than 60 minutes. Not bad for a 24 hour operating event.

Again, great job by Michael, Sid, and everyone else who helped out and made Field Day 2018 a success.

## Top 5 Sections

Section	# QSO
-----	-----
OH	55
IL	51
IN	44
NC	43
GA	40

## Top 5 States

State	# QSO
-----	-----
CA	67
OH	55
FL	52
IL	51
PA	47

The operators' data is based on what is recorded in the logs, if someone forgot to change operators in the log when a new operator took over, then that data is skewed. The logs show a total of 14 operators this year.

## Top 5 Operators

Operator	# QSO	Mode
-----	-----	-----
Ron K1HZ	435	CW
Van WC5D	158	CW
Dave K5EEN	94	SSB
Kenneth KF5TXL	76	SSB
Robert NS5P	75	SSB

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### Editor's note:

Robert, NS5P, is MARC Vice-President and was the shepherd of the logging and tracking processes this year.

Thanks for the detailed update.

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## FIELD DAY 2018

For those of you that missed our Sunday evening net:

The main topic was, "Did you enjoy Field Day 2018?" and secondly, "What video editing software do you like?"

There were 13 check-ins and most did attend a field day site and when they did they said they had a great time. If you missed it, then please try next year because it was a lot of fun. If you do show up and are not wanting to talk but want to get involved - we need loggers to help keep track of all contacts.

Most people recommended Adobe Premiere as a great video software although not free, it did get a thumbs up.

Movieavi received notice as did Pinnacle Capture, and Roxio Videowave. I just downloaded Filmora and will give it a try as well.

DAN W5FRT 73

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## Aerial Video of Field Day Available

Thanks to Joshua, K5GHS, for bringing out his drone with camera to take some aerial video of our Field Day layout. Dan, W5FRT, has edited and added music to the video. You can view it at:

<https://youtu.be/trd1NnG96u8>

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## FIELD DAY 2018

Fellow MARC members: It is Monday June 25, 2018, and we have just completed yet another successful Field Day. It was great seeing a lot of people we haven't seen in a while, understanding that the four-letter word WORK gets in the way of ham radio from time to time.

I would like to thank all that came out and helped set up and take down, all that brought snacks and canopies. Thanks to Jeff, W5JLT, for bringing out his RV, Trey, KT5WEW, for supplying us tables and chairs. I would like to thank Sid, K5DKW, and Michael, N5MAJ, for all the time and work they put in to make this a very successful Field Day. Sid and Michael hats off to you gentlemen.

Andy, W5KZJ

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Photo by K5MFP



*(Continued from page 6)*

**50/50 drawing:** Total of \$56 in tickets were bought. Peter- KE5WND won and donated his \$28 back to the club.

**NEW MEMBERS:** Paul Graves- KI4MMH, Richard Tyson- N2IG, and Stephen Forney- KC5TEX all applied for membership. Michael- K5MFP made a motion to accept them as members of MARC, Bob K5CRX seconded the motion. Motion carried.

**ADJOURNMENT:** Robert- NS5P made a motion to adjourn, second by Jeff- W5JLT. The motion carried and the meeting adjourned at 8:39 PM.

Lisa Barnes KG5OBK, secretary

K5EEN discussed that if this becomes sanctioned and approved by the club, he is concerned that if it becomes a service of the club, if it needs to be fixed, will the club be responsible? Robert -NS5P states that we may want to poll MARC members regarding this program. Bill will let Dan- W5FRT know that we are not approving him using this right now. Bill appointed Dave- K5EEN and Ron- WW2CBI to make a presentation about this at the next board meeting. Discussion was tabled.

Fusion Election discussion: Bill- N5YZ reported that a member had approached him after the previous general meeting, suggesting that the fusion repeater purchase vote was not conducted in accordance with the constitution and bylaws. Bill N5YZ reported that, after a review of the constitution and bylaws, he advised the member that nothing was found to suggest that the presentation and supporting vote was anything other than in full conformance with the MARC constitution and bylaws. Mike- W8CM states that he felt that the vote did not give all members opportunity to vote, the newsletter did not give details about the \$1000 purchase. He stated that others did not know a vote needed to be taken. Bill- N5YZ advised that we cannot change what the membership voted, there was a quorum and the club gave the board latitude in making the decision. Dave- K5EEN states that the membership can request another vote to rescind the decision. Bill- N5YZ and Dave- K5EEN reviewed the newsletter and the price was not documented in the May newsletter. Andy- W5KZJ advised that a member can bring a motion to the floor at any

*(Continued on page 12)*

*(Continued from page 4)*

He sent George Fuller a proclamation for Field Day and is going to talk to him this week about how to move forward with final approval.

Melissa Repeater: Ron- WW2CBI states there was a short on one breaker, will troubleshoot today. States it may be related to the air conditioner. Dave- K5EEN states that he has an air conditioner that he can donate if needed. Ron- WW2CBI states that auxiliary power is not set up for the station.

Broadcastify- Ron- WW2CBI talked about this program which allows anyone to take feed from the radio and retransmit it over the internet. No permission/ notification is needed. Dave- K5EEN states that this is actually a streaming service. Dave- KS5K states he is concerned about personal information that may be monitored from this program. Robert- NS5P asked if we are obligated to let those who use the radio that this program is monitoring transmissions and recording them. Dave-

(Continued from page 11)

meeting and that Mike- W8CM can put an article in the newsletter about the motion he is making. Mike- W8CM wants us to redo the vote. Bill N5YZ added again that a motion cannot be brought up for a re-vote but a previous vote can be rescinded. Bob- K5CRX will bring a motion at the next meeting since it was not clear about cost of the repeater. He will do an email blast and then add it to the newsletter about the vote. Dave- K5EEN states that 1/3 of the membership was at the meeting so there was more than a quorum. Bob- K5CRX and Ron- WW2CBI will write the article. Dave- K5EEN states he feels that the vote will be an affirmation of the previous vote. Bill- N5YZ states that the membership voted to approve, will have to be repealed in some way, and vote again including the price. Dave – KS5SK states that per Robert’s Rules of Order any votes, that are not clearly nays or abstentions will, count with majority, 34 ayes and 3 nays.

Membership application: Robert -NS5P states that he is working on updating the membership application

July general meeting program: Robert- NS5P states he is working to get Greg Evans from ARES to speak at our meeting. If he is unavailable Robert NS5P will do a presentation on traffic. There will also be a summary report at the next meeting about Field Day.

QSL cards: Bill N5YZ states there are cards that need to be sent out from the MARC / ARRL 50-year special event. Bob K5CRX will print the cards.

**NEW BUSINESS:**

Bob K5CRX will put an article in the newsletter about the GoKits

Mike W8CM states he can no longer provide storage for the antenna for the McKinney repeater. Dave K5EEN states he will go and get the antenna.

**ADJOURNMENT-** Andy W5KZJ made a motion to adjourn and it was seconded by Robert-NS5P. Motion carried and meeting adjourned at 9:35 AM.



**McKinney Amateur Radio Club (MARC)**

**Sunday Night Net Control Operator Schedule**

Date	Name/Call sign	Info	Back up
Jun. 3, 18	Sid, K5DKW		Bill, N5YZ
Jun. 10, 18	Bill, N5YZ		Bob, K5CRX
Jun. 17, 18	Bob, K5CRX	MARC ARES	Chris, KF5JGN
Jun. 24, 18	Chris, KF5JGN		Clark, AE5WD
Jul. 1, 18	Clark, AE5WD		Danny, W5FRT
Jul. 8, 18	Danny, W5FRT		Dave, AK5SP
Jul. 15, 18	Dave, AK5SP	MARC ARES	Jim, KG5FVM
Jul. 22, 18	Jim, KG5FVM		Jay, W5GM
Jul. 29, 18	Jay, W5GM		Jeff, W5JLT
Aug. 5, 18	Jeff, W5JLT		Joshua, K5GHS
Aug. 12, 18	Joshua, K5GHS		Lisa, KG5OBK
Aug. 19, 18	Lisa, KG5OBK	MARC ARES	Patty, KG5AEL
Aug. 26, 18	Patty, KG5AEL		Andy, W5KZJ

If you are unable to make your scheduled date and time, please contact your backup operator and also Kyle (972-979-7095, [kyle.ackermano2@gmail.com](mailto:kyle.ackermano2@gmail.com)), as soon as possible. **Please be aware if your week falls on the week marked “MARC ARES”. The MARC Repeater is scheduled for the ARES Net at 9:00 PM.**

**REMEMBER THAT YOU CAN HELP OTHERS IN AN EMERGENCY.**  
TO PARTICIPATE IN THE COLLIN COUNTY AMATEUR RADIO EMERGENCY SERVICE  
PLEASE VISIT THEIR WEB-SITE: [HTTP://WWW.COLLINARES.NET](http://www.collinares.net) (Note: site not currently functional.)

### MARC operates open repeaters on 146.740 and 443.200 MHz

EchoLink is provided on 146.740 by connecting through W5MRC-R. Regular/frequent users of the repeater are encouraged to join the club and be an active part of the local Ham community, as well as helping to support the repeaters continued operation.

The MARC information net is held every Sunday at 8:00PM CT, on 146.740 MHz.

Collin County ARES holds a training net on the third Sunday of each month at 9:00 PM CT on 146.740 MHz.

The MARC Ladies net is held the first and third Monday at 8:00PM CT, on 146.740 MHz.

### MARC E-Mail Reflector—groups.io

MARC maintains a chat group on groups.io to facilitate club communication between meetings and newsletters. Sign up for this service by visiting <https://groups.io/g/McKinneyARC>. Your application will be approved quickly.

*The purposes of the MARC email reflector are: 1) Facilitate the timely distribution of MARC information and news to club members. 2) Allow for the sharing of amateur radio related topics among club members. 3) Provide a forum for the discussion of amateur related information among club members. 4) Act as a marketplace for the buying and selling of amateur radio and computer equipment and services. Club members should utilize good judgment with regard to topics or content that are posted on the MARC reflector. To that end it is recommended that political and religious topics or content be avoided unless directly related to amateur radio. In addition, personal attacks in any form will not be tolerated.*

### VE SESSIONS ARRL EXAMS \$15

**McKinney testing** is held at the Heard Natural Museum, 1 Nature Place, in McKinney, on the first Sunday of each month except holiday weekends. Starting time is 2:30pm and ends no later than 4:45pm (they close at 5:00pm). For more information check our website at [www.mckinneyve.org](http://www.mckinneyve.org) or contact Stephen Reinen, N8BP at (214) 937-9982 or by email at [info@mckinneyve.org](mailto:info@mckinneyve.org).

**Richardson testing** is held on the third Thursday of each month at St. Barnabas Church, located at 1220 West Beltline Rd. Sessions start at 7 PM. Walk-Ins are ok. For more information, contact Bill Owens, AD5EW at (972) 380-2859 or [wtowens3@sbcglobal.net](mailto:wtowens3@sbcglobal.net).

**Sherman testing** is held on the first Thursday of each EVEN--numbered month (Feb, Apr, Jun, etc.) at the Grayson County College, Center for Workplace Learning Seminar Room C, 6101 Grayson Drive, Denison TX 75020 at 7:00pm. For more information contact: Moe Knight—[nt7c@arrl.net](mailto:nt7c@arrl.net) or at (903) 564-7115 Call first!

**Garland testing** is held on the fourth Thursday of each month and begins at 7:00pm. Location is : Freeman Heights Baptist Church, 1120 Garland Ave., Garland, TX 75040. Janet Crenshaw, WB9ZPH, at (972) 302-9992 for details or [wb9zph@gmail.com](mailto:wb9zph@gmail.com).

**Plano testing** is on the third Monday of each month at 6:00pm-. Testing sessions are located at 3160 East Spring Creek Parkway, Plano, TX. If you have questions send e-mail to [ae5sg@arrl.net](mailto:ae5sg@arrl.net).

**Carrollton testing** sessions are sponsored by the Metrocrest Amateur Radio Society (MARS). Testing is held at the Carrollton Public Library, 4420 Josey Lane, 75010. Please contact Allan Batteiger at (972) 672-0278. (See [www.kb5a.org](http://www.kb5a.org) for details.)

**Sachse, Wylie, Murphy testing** sessions are sponsored by the Sachse ARA. Testing is held at 9:00am the second Saturday of the month at the East Fork Masonic Lodge, 508 Parker Rd., Wylie, TX, 75098. For more information call (214) 500-3472.

**St. Paul testing** sessions are sponsored by the PARK. Testing is held at 9:00am the third Saturday of the month at the St. Paul City Hall, 2505 Butcher's Block, St. Paul, TX, 75098. Please contact Kerry A. Weeks at (972) 442-1125.

**Other testing session** scan be located online at: [www.dfwlist.org](http://www.dfwlist.org).

**Local Repeater—See <http://www.mckinneyarc.org> for additional repeaters.**

#### Voice

Dallas ARC (W5FC) 146.880 PL 110.9  
Denton (W5NGU) 146.920 PL 110.9  
Denton (W5NGU) 444.050 PL 110.9  
Fannin Cty (K5FRC) 145.470 PL 88.5  
Fannin Cty (K5FRC) 443.750 PL 100.0  
Garland (K5QHD) 146.660 PL 110.9  
Garland (K5QHD) 442.700 PL 110.9  
Grayson Cty (K5GCC) 147.000 PL 100.0  
Grayson Cty (K5GCC) 147.280 PL 107.2  
Grayson Cty (K5GCC) 444.750 PL 100.0  
McKny ARC (W5MRC) 146.740 PL 110.9  
Melissa (W5MRC) 443.200 PL 100.0  
NTXRA 145.350 PL 100.0  
NTXRA IRLP 442.575 PL 127.3  
Plano (K5PRK) 147.180 PL 107.2  
Plano (K5PRK) 444.250 PL 79.7

Richardson (K5RWK) 147.120 PL 110.9  
Rockwell (W5ROK) 441.875 PL 131.8  
Rockwall (KK5PP) 441.525 PL 141.3  
Rosston (WD5U) 145.490 PL 85.4  
Van Alstyne (W5VAL) 443.800 PL 103.5  
Wylie (W5GM) 442.100 PL 110.9

#### Digital Modes

##### APRS

National Freq 144.39 Simplex  
National Alt Freq 144.34 Simplex

##### Winlink

SW Collin Co 145.03 K5BAD-10  
SW Collin Co 145.03 W5RAE-10  
NE Collin Co 145.07 AE5IT-10  
NW Collin Co 145.07 KD5CTQ-10  
SE Collin Co 145.09 N5BYL-10  
SE Collin Co 145.09 KI5FU-10

SE Collin Co 145.09 K5PRK-10  
SE Collin Co 145.09 K5EEN-10

##### (Plano)\* D-Star

Voice 441.575 (+5)  
Voice 1295.00 (-20)  
Data 1255.00

\*D-Star access is available through the  
[WWW.K5PRK.Net](http://WWW.K5PRK.Net) website.

##### W5NGU (Denton) D-Star

Voice 147.450 (-1)  
Voice 442.925 (+5)  
Voice 1293.400 (-20)  
Data 1253.600

##### K5TIT (Dallas) D-Star

Voice 147.360 (+0.6)  
Voice 442.000 (+5)  
Voice 1293.000 (-20)