



## President's Notes for June 2016

We are now into our summer season, with lots going on with the club and with the upcoming Field Day. Let's get started with where we are

**The Repeater:** We are having all kinds of concerns and issues with the 2m club repeater. The loudest issue is with times of major interference. During this time, the analog mode continues to transmit noise, timing out, and restarting again when the noise momentarily relents. The digital part of the repeater still is OK, as is the 220 machine. The noise started off kind of random in the morning, afternoon, and night, but now appears to be mostly at night. Mac KD8TPO, spent an evening in the parking lot of the repeater site to see if he could correlate the noise to anything going on at the repeater. He found the hotel has strung up new decorative lights along the top of the building, and the noise started within minutes after the lights were on. Perhaps they have been testing the lights in the daytime when we first heard the noise, and now everything is installed. However, we are also noticing that the repeater will stay quiet after a digital transmission, and not immediately start back in analog mode with the noise, and some other odd things, like the noise level builds up over seconds in the receiver. We will talk to Yaesu first, then perhaps switch to the old repeater. If we find the noise is on both machines, we will try to work with the hotel to identify and correct the issue. The manufacturer of the offending equipment and its installer are responsible for correcting this type of interference. This noise could affect public safety and utility radio communications as well, which we will mention to the staff. On a second front, we are in discussions with ADR on the unit we installed in the System Fusion repeater that is designed to prevent the repeater controller from forcing the repeater into Analog mode when a digital communication is going on. It does not appear to work, as anyone operating digital can attest to. The repeater controller can interrupt a conversation in mid-sentence, and force the repeater back to analog. This is not right, and it could lock-up the repeater, forcing us to have to visit the site to correct it. We hope to get this resolved soon.

Ham Radio Classes and an upcoming Testing session: Bill Boyke, N8OZV, continues to lead the training sessions, helped by others such as Roger Reini, KD8CSE, and Ty Winkel, KD8YOJ. They are planning a test session right after Field Day, on June 28<sup>th</sup>. See the flyer in this Bolt for more information!

**Field Day:** We will have lots to talk about at the June club meeting for Field Day! I have put together a flyer for the FERA website to promote our club and the event, so perhaps we will get some more Ford people attending this year. Gerry Trimble, KG8HZ, is bringing his RV

trailer for us to operate from this year, so we will be sheltered in comfort and style! I attended a meeting with the Livonia Club last month, and they are all set in planning for this event. We will be operating 4A again this year, with our SSB station, a 2<sup>nd</sup> SSB station, a CW station, a digital station, a VHF/UHF/Satellite station, and a GOTA station. We have not hosted a GOTA station in several years, so this will be a great opportunity for new hams or people interested in Amateur Radio to get on-the-air in a low pressure environment. We will continue to offer people an opportunity to operate our main stations as well. This is a training exercise as opposed to a contest, so “bragging rights” for contacts made are a demonstration of our effectiveness in getting the RF out into the world. I for one, certainly hope for better weather this year over the rain and the wind of last year.

**Club Radio Housing:** I have been working on the housing for the club radio and its associated gear. Mac had a 6U cabinet and two trays that we approved of purchasing, so he let me start right in on the work. I have made significant progress, and will bring the kit to the June meeting for club inspection. The housing, with everything installed, is certainly heavy enough, and it is easier to carry it sideways with one of the handles than by using both handles. Because I have all of the equipment well secured in the housing, this is no motion to any of the gear when carried like this. The kit looks very ready-for-action, and will be a breeze for anyone to set-up during our club events. This case will certainly protect our equipment from the bumps and bruises that portable use incurs. Installed in the case we now have: The FT-991 HF/VHF/UHF radio, the 28A 12V power supply, the LDG YT-1200 antenna tuner, the MFJ-880 SWR meter, and a PowerPole 8 way power strip.

**Yaesu FT-990 For Sale:** I do have the club FT-990 posted on the website for sale. So far, no inquiries to it. The site is here: [http://www.k8utt.org/for\\_sale.htm](http://www.k8utt.org/for_sale.htm). The radio is now in great operating condition, ready for more use in someone’s shack!



Finally, Roger, KD8CSE, did purchase 2 ¼ wave 2m dipole antennas with magnetic mount bases for loan to new hams, along with our 2 spare club 2m radios. We will have them ready for use shortly.

73,  
David Treharne, N8HKU  
FARL Club President

**Ford Amateur Radio League** (AKA: The Tin Lizzy Club)  
**Club Meeting Minutes – May 12, 2016****Meeting minutes for FARL****May 12, 2016**

In attendance: 10 members, 2 guests

Dave Treharne, N8HKU (member)  
Roger Reini, KD8CSE (member)  
Richard Maske, K8RMM (member)  
Will Sopha, W8USR (member)  
Sam Wells, KD8YTR (member)  
Mac Lunn, KD8TPO (member)  
Pat Quinn, WD8JDZ (member)  
Rod Deyo, K8SGL (member)  
Tye Winkel, KC8YEJ (member)  
John Oynoian, KE8CTQ (non member)  
Earl Morse, N8SS (non member)  
Gerry Trimble, KG8HZ (member)

**Meeting Called to Order** at 6:30 PM by President Dave Treharne, N8HKU

**Minutes** from April were Reviewed and Approved:

**Treasurer's Report** was given by Pat Quinn, WD8JDZ. He reported the expenses of \$162.95 for the repairs of the FT-990, income of \$20 for membership dues. The report was approved. An overdue FERA contribution is expected but has some issues, expected income is \$400, have to review in June Meeting.

**Board of Directors** did not have a meeting, no report was provided at meeting.

**Committee Reports on Fusion Radio** discussion was on the noise that is heard at times, Roger was planning to attend Dayton Hamvention and see if the Yaesu Fusion Forum discussed this issue. M. Lunn also was going to Dayton and was to try this Forum for discussion.

**Sunday Night Net:** Going strong and digital net follows for those with digital Fusion Radios.

**Training:** next test is June 28<sup>th</sup> 11:00 AM and plan for this event.

**Newsletter:** Bolt for May was send out, content for future newsletters should be sent to Rajiv, KD8LHF, or to any club officer. Dave discussed his article for Spice and simulation of circuits prior to building them.

**Website:** Up to date.

**Historian:** Still trying to transfer the club archives from former historian John, N8NWA, to Tye, KC8YEJ.

**Equipment Inventory:** Discussed the FT-990 to be sold with a range of prices, content of filters, accessories and listings from recent eBay, QRZ and hamfests attended. Agreed to try to sell local, may list to QRZ if local is not successful for a price of \$700.

**Unfinished/Current Business for Carrying Case Update:** Dave said he is building this up and has found it's a bit tight, will not tilt the FT-991 in the case for space, has the bracket or strap to resolve for mounting this to tray. The LDG tuner is light enough to Velcro in place vs. mount with fasteners. The 2<sup>nd</sup> tray was received by Dave and in the rack. Not complete but will be done for Field Day.

**Antennas for Club VHF Radios:** Motion for 2 mag mount antennas to support new ham's with a Transceiver 2M/70cm to get them on the air was discussed, made by Roger and approved by Pat. This will be planned for a Dayton Hamvention purchase by Roger, \$15 per antenna planned.

**New Members:** Will Sopha, W8USR was approved for an associate membership by motion of the members. John Oynian, KD8CTQ was approved for a membership by motion of the members.

**Other Club purchases for Dayton Hamvention:** A list of items was discussed for needs of the club to support the Field Day Rack radio setup, new ham's for power cords and target for \$150 was discussed. Motion was made for \$150 to be authorized for purchases by Roger at Dayton Hamvention, approved. This was discussed to be a

bit more if needed and that's discussion for June Meeting on summary of what was spent.

**Field Day with LARC:** Dave to attend a meeting on May 23 with them for their plans, had a document of nine points from Tyler Burda, D8DTB of the LARC in agenda for May 12. Discussion was on the point 4, GOTA station to use the K8UTT callsign and that was agreed. Also on Point 7 for food, discussion of a lighter fair for the long time spent at event, vegetarian offering and water vs. pop was wanted.

Motion was made and approved to participate with LARC for this event.

**Tent for Field Day:** Discussion of some options for the tents was lead by Dave from types available, rating of surviving the wind and rain weather, height for standing in this, motion around the tent for visitors, etc. Range or prices and suppliers of these for status of in business or not supporting product was held. Also the use of a RV was offered by Jerry, a Transit Van borrowed, etc. Motion was made to accept the RV, and airstream and approved.

**Program discussion on Yaesu Fusion Radio products:** Roger Reini, KD8CSE has presentation on the Yaesu Fusion Radio offering for hardware of radios, comparisons and new 2M only radio that is just announced. Club members reviewed their radios and features, discussed some that had the Fusion radios, presentation to be on the website and available.

**Meeting adjourned** at 7:55 PM.

Minutes recorded by Mac Lunn, KD8TPO.



## 2016 Radio Club Field Day

- What: An annual 24 hour outdoor operating event to demonstrate and practice Amateur Radio emergency operating skills.
- Who: Open to both existing amateur radio operators and to anyone interested in radio.
- When: Saturday and Sunday, June 25<sup>th</sup>-26<sup>th</sup>, 2016. Setup at 9:30am on Saturday, operating begins 2pm Saturday, ends 2pm Sunday.
- Stations: Voice, Morse Code, Digital. Includes a Get On the Air Station exclusively for new operators!
- Where: 37855 Lyndon St, Livonia, MI 48154
- Sponsors: Livonia Amateur Radio Club and the Ford Amateur Radio League
- Website: [http://www.k8utt.org/2016\\_Field\\_Day.htm](http://www.k8utt.org/2016_Field_Day.htm)





# 2016 Amateur Radio Classes and Examination

- What: Training and a FCC Examination session to obtain an Amateur Radio License (Technician, General and Extra Class)
- Who: Open to both existing amateur radio operators and anyone interested in radio.
- When: Training: Tuesdays, 11am to 12:30pm, walk-in. Test Session: June 28<sup>th</sup>, 2016, 11am
- Cost: Training is free, FCC Examination cost is \$15.00
- Where: Building 1, CR 13F040
- Contact: Bill Boyke, [wboyke@ford.com](mailto:wboyke@ford.com)  
313-805-8877



## Club Repeater Information

The Ford Amateur Radio League operates 3 club repeaters under the club K8UTT license. All the repeaters are located in the Dearborn, MI area near the Southfield Freeway. All repeaters are open for members and guests to operate.

Repeater	Output Freq	Input Freq	Tone
2 M Repeater	145.270	-600 KHz	100 Hz PL
1 1/4 M Repeater	224.520	-1.6 MHz	100 Hz PL

**Club Net: 8pm on Sunday, 2 and 1-1/4 Meter Repeaters!**



## Classes and Exams

The following amateur radio clubs conduct license exams throughout the year. Many clubs allow walk-ins but pre-registration will insure an exam is available for you when you attend.

Club Name	Contact Person	Phone	Email
Ford Amateur Radio League	Bill Boyke	313-805-8877	wboyke@ford.com
South Lyon ARC	Christian Anderson	248-437-3088	K8VJ@arr.net
Motor City ARC	Don Novak	734-281-7030	K8THU@arrl.net
Hazel Park ARC	Jerry Begel	248-543-2284	w9npi@comcast.net
USECA ARC	Joseph Kennedy	586-977-7222	N8OZ@arrl.net
ARROW Assn	Roger Place	734-663-4625	merrogplace@aol.com

Some of the above clubs also conduct license classes. Please contact them for additional information.



## 2016-2017 Club Officers

Please contact any of the officers for information regarding the Ford Amateur Radio League, or go to the club website at [www.k8utt.org](http://www.k8utt.org) for current events and activities.

<b>President</b>	Dave Treharne	N8HKU	734-476-1666
<b>Vice President</b>	Roger Reini	KD8CSE	734-728-1509
<b>Treasurer</b>	Pat Quinn	WD8JDZ	734-729-1993
<b>Secretary</b>	Mac	KD8TPO	
<b>Repeater Chair</b>	Murray Scott	KE8UM	248-743-1704
<b>K8UTT Trustee</b>	Dave Treharne	N8HKU	734-476-1666
<b>Activity Chair</b>	Bill Boyke	N80ZV	313-805-8877
<b>Bolt Editor</b>	Rajiv Paul	KD8LHF	313-244-2515



## Club Meetings

The Ford Amateur Radio Club meets on the second Thursday of each month, except for Christmas and the summer months July and August. The meetings are held at 6:30 PM at the Ford Engine Manufacturing & Development Offices (EMDO) building. EMDO (located at 17000 Southfield Rd, Allen Park, MI) is south of I-94 on the east side of Southfield just north of the Allen Park Municipal offices. Park in the front of the building and come into the main lobby at the side. Knock on the inside door on the right if no one is standing there to let you in.



**Next Club Meeting: June 09, 2016 at 6:30PM**  
**Topic: Field Day Preparations.**

**The Ford Amateur Radio League**  
**PO Box 2711**  
**Dearborn, MI 48123**