



President's Notes for November 2016

Club Meeting Notice: The members present at the October meeting voted to move the club meeting up 30 minutes from 6:30pm to 6pm. Please adjust your schedules and arrive by 6pm!

Our 2m repeater: The new Director of Engineering, Knowles McAllister, allowed Murray to get up to the repeater site on October 20th. Murray reported that Mr. McAllister was nice and he was accommodating. Murray was able to perform the following:

1. Swap out the ADR box to the new metal box and grounded it to the shielded cables.
2. Added an Anderson Powerpole connector to the battery line on the Yaesu repeater for easy connection.
3. Completed the transmitter shutdown via a relay on the Yaesu transmitter unit power supply. This means that a command to shut down the 2m repeater will also disable the transmitter for digital mode function. Before this, only the analog repeater function was disabled.
4. Changed the RS-232 screws to thumb-type to make it easier to secure and remove without seeing the connection.
5. Reinstalled the 12V battery backup connection to the repeater. We did not get enough time to connect it during our summer visit.

Repeater status post update: The noise effect appears to be extremely variable, now. Why some times are better, other times are worse, is unknown. One night, the repeater sounded as bad as it did before the changes. However, we have had several nets that were tolerable with little noise. In the morning, sometimes all is quiet, sometimes noisy. It is hard to use the digital mode when noisy, and the sensitivity of the repeater is lower during the dark hours regardless if the feedback noise is occurring or not. I am suggesting adding ferrite chokes to the LED power supply outputs to see if that will reduce the noise. We have not

asked for permission to do this, yet. The analog hum on the 2m machine is still present at times. The level appears to have dropped, and there are times when the hum is gone, just like it was before the metal box.

At the club meeting this month, we will be deciding the location of the annual Christmas dinner. We have been enjoying some great fall weather, and the grass at our house has not looked this good since early June. But, along with the calendar stating it is November, we have a refrigerator full of fresh local apples, Home Depot and Lowe's are displaying their Christmas decorations for sale and some stations (both FM and satellite) are playing Christmas music! That last sign baffles me, as I have no need to hear Christmas music until at least the Thanksgiving dinner is making my tummy bulge. Bring some ideas for where we want to go!

73,
David Treharne, N8HKU
FARL Club President



FT-990 HF Club Radio Sale - Complete

The sale of the Yaesu FT-990 radio has been completed via eBay. There were two bidders on the radio, and the winning bit went to an amateur in Montana for \$595 plus \$50 in shipping allowance. After the fees to eBay, PayPal, and actual shipping, the club treasury has netted \$468.06. The charges are listed below. A special thanks to Tye Winkel, KC8YEJ, for his work to diagnose and replace the broken display board and the front panel. The radio will likely have many years of operating pleasure left in it.

Sale Price	\$ 595.00
Shipping allowance	\$ 50.00
Ebay cost	\$ (64.50)
Actual Pack and Ship c	\$ (93.43)
Paypal Cost	\$ (19.01)
Net Proceeds	\$ 468.06

**Ford Amateur Radio League** (AKA: The Tin Lizzy Club)**Club Meeting Minutes – October 13, 2016**

Ford Amateur Radio League Meeting Minutes October 13. 2016

Call to order at 6:34 PM by Dave was done

Attendance:

Dave Treharne, N8HKU

Malcolm Lunn, KD8TPO

Sam Wells, KD8YTR

Pat Quinn, WD8JDZ

Roger Rieni, KD8CSE

Al Habbal, W8AMH

John Fletcher, W8JMJ

John Oynoian, KE8CTQ

TyeWinkel, KC8YEJ

Bob Stead, K8ETE

1. Minutes from prior meeting reviewed and approved.

2. **Treasurers Report:** Pat reported that the balance was (not shown) with interest (not shown).

- Field day expenses were paid.
- The bill for repeater cellphone is not being billed but works and may be an expense in future.

3. **Board of Directors Discussion:** no comments

4. Committee Reports

- A. The repeater location has a new engineering director and sent a letter to person for introduction and possible access.
 - a. A metal box for the ADR may be a tried to prevent noise if access is allowed.
 - b. Repeater has a whine /hum after sunset, last Sunday was OK for net, varies of none to mild to loud.
- B. Being turned off in night if this is done (some have a life) and back on in AM, can only turn the entire Analog and Fusion both on or off, not individually.
- C. Education and Training, none coming.
- D. Communications and newsletter – send items to Rajiv
- E. Historian has transitioned to Tye Winkel, discussion in meeting of some topic for program to have a review of past history notable items was made.
- F. Equipment inventory of the FT990 was not sold, posted to eBay last Sunday and see if it sells, the pricing for shipping and cost of eBay handling will be reported if sold.

5. Unfinished and Current Business:

- Club Liability Insurance was discussed and in the mail sent, received at box and people somehow this lapsed. Discussion was that for \$320 the policy for the prior amount of coverage can be renewed per quote. Necessary to cover the operations, motion to approve made and approved.

6. New Business:

- Reinstatement of prior member who has returned to Michigan Area was requested and allowed to be done.
- Current member Rodney Deyo is in the hospital and Pat has been assisting with some equipment and support of Ham Radio items for his family.
- Starting time of the meeting discussed and earlier than 6:30 was asked for by M. Lunn since 6:30 is late for many to get home after meeting, and we mostly end work at 5 PM.
 - i. Discussion of the start after work in the 5:15-5:30 did not allow for getting dinner for all, compromise of 6:00 PM was made and this will be tried for the November meeting.

7. Program:

- APRS was discussed from the ARRL for an overview by Dave and discussion in the group. Advanced Packet Radio system is the acronym, was initially done with external hardware to radio.
- New Fusion system Yaesu radio FTM 400 XD was discussed by Dave for APRS integrated to the radio with dual receivers and touch screen display. Showed the maps of travel in web links, beaconing of the location based on time or angle/direction of the turns for vehicle. The new radios do support this and its integrated, nice feature to have and was discussed.

Adjourned at 8:01 PM.



A Visit to the National Voice Of America Museum Of Broadcasting - Roger Reini, KD8CSE



While attending this year's Hamvention in Dayton, I took the opportunity to visit the National Voice of America Museum of Broadcasting in West Chester, built on the site of the old VOA Bethany relay station. The antenna farm is long gone, but the transmitter building remains, as does the antenna switching mechanism.



The museum is actually three museums in one, all inter-related. There is the VOA museum, where one can see the old VOA control room, one of its transmitters (a 1960 Collins), and some of the tubes from now-retired



transmitters, as well as a documentary about the founding of VOA and its effects on those living in oppression. There is the Gray History of Wireless Museum, an excellent collection of vintage receivers. There is the Media Heritage collection, focusing on the extensive history of Cincinnati radio and television. And let's not forget WC8VOA, the

station of the West Chester Amateur Radio Association.



The museum was open the Saturday night of Hamvention and drew a good crowd. In fact, it was so good of a crowd that I didn't really get to visit the VOA control room. Nor did I get



to spend as much time with the radio collection as I would have liked. This is definitely worth a return visit. If it were closer to Detroit, it would be worthy of a club trip.

For more information, visit the museum's website at www.voamuseum.org.



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 for current events and activities.

President	Dave Treharne	N8HKU	734-476-1666
Vice President	Roger Reini	KD8CSE	734-728-1509
Treasurer	Pat Quinn	WD8JDZ	734-729-1993
Secretary	Mac	KD8TPO	
Repeater Chair	Murray Scott	KE8UM	248-743-1704
K8UTT Trustee	Dave Treharne	N8HKU	734-476-1666
Activity Chair	Bill Boyke	N80ZV	313-805-8877
Bolt Editor	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: November 10, 2016 at 6:00PM
Topic: Global Positioning System By David, N8HKU

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