

The Bolt

The Official Publication of the Ford Amateur Radio League

President's Note Sept 2009

Well, here we are at the start of September, which is also the restart of our monthly meeting cycle after having been off since June. Many of us last saw each other at the Field Day event. Some of us have been participating in contests and QSO parties; some have been providing radio support for bicycle rides and other events; and we've all been waiting for the sunspot cycle to really kick in. Let's not forget the ongoing licensing classes being given by Bill, N8OZV, and the accompanying license exams.

Ideally, I would be talking about our Field Day effort in this space: what went right, what went wrong, etc. But I can't talk about it with firsthand knowledge, for I was only present for two hours on Saturday morning, helping to set up. The rest of that day, I was preparing for, traveling to and attending my cousin's wedding in Rochester and the reception even further out than that. What of Sunday morning? I was preparing to fly to Texas in the early afternoon. But I did hear K8UNS make contact with an MDC station in the morning on 40 meters, so I know propagation conditions were favorable between Livonia and Westland (hi, hi). With 3 miles and ground wave, I ought to have been able to hear them! But those who were there did write up their opinions of how well everything came together, and we'll be hearing from them at the meeting.

And what do we have coming up this month? Well, we've got the Celebration of Cycling, a.k.a. the PEAC ride, to support. I'll be providing SAG radio support for the Peach of a Ride on the 13th. And in our meeting this month, we'll have a follow-up discussion on Field Day, what went right and what went wrong; and Bill, N8OZV, will be giving a talk on microcontrollers. Looking out to the end of the year, we have two more formal meetings with more presentations; we've got Radio Santa at U-M Children's Hospital; and we have our annual Christmas dinner (start thinking about where you think we should hold it).

See you at the meeting!

73,
Roger, KD8CSE

FARL Meeting Minutes, June 11th, 2009

Minutes recorded by Debbe Yeager, KD8IWV, Recording Secretary

CALL TO ORDER at 7:00 PM by Roger, KD8CSE, President.

MINUTES: Al W8AMH amended minutes to read as follows - The training for Maritime Radio Certificate training will be conducted by the Dearborn Sail & Power Squadron in Livonia. The Canadian Power Squadron will be delivering the test. Meeting minutes were approved as modified.

TREASURER: Treasurer's report read by Bill, WA8HEA. Expenses: \$15.00 for table at Monroe Swap Table, \$37.22 for phone bill. Deposit of \$75.00 for dues.

BOARD ACTIVITY: Moved discussion to Field Day Plans portion of the agenda

REPEATER: If you need phone patch instructions please see Dave, N8HKU. Bill, WA8HEA was able to access the 440 repeater from his home. The 2 Meter repeater is functioning normally.

EDUCATION/TRAINING: Our next testing will be conducted Thursday, July 9th in Building, conference room by the atrium cafeteria (1GG099).

COMMUNICATIONS/NEWSLETTER & WEBSITE: Thanks to Al, W8AMH for putting together the June newsletter. If you would like to be the permanent editor of the newsletter please contact Roger, KD8CSE. Bill, WA8HEA will publish a combined July/August newsletter and Dave, N8HKU, will publish the September newsletter. Dave is still looking at delivery of the newsletter electronically for members who prefer to receive it electronically. The new website www.k8utt.org is up and running. See Dave, N8HKU for additional information on sending e-mail to members using the website (members@k8utt.org).

UNFINISHED/CURRENT: Bill, WA8HEA has completed the J-Pole antenna project. He has three more to deliver. There is still one unclaimed antenna for \$20.00 with profits going to the club. Bill suggested we may want to sell antennas at a future swap meet for approximately \$30.00 he would need help with the construction of the antennas. Bill also brought in a tape measure beam antenna he is working on for radio direction finding. This is a 2m antenna and the tape measure elements open up. This antenna is easy to travel with and can be made with easy to find materials. Bill is following assembly directions from an article

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by Joe Leggio, WB2HOL see Bill for additional information on the article or Google WB2HOL.
Monroe Swap - The table has been paid for. We invited the LARC (Livonia) to share the table. Bring equipment you want to sell. We will rotate manning the table. Contact Bill, WA8HEA for additional information.

NEW BUSINESS: Membership application for William (Bill) Allen, KD8KTF was voted on and approved. Bill attended the meeting and was welcomed to the group.

On September 19th help will be needed at the PEAC- Celebration of Cycling

FIELD DAY: Dave, N8HKU reviewed FARL LARC Field Day Operations plan. The latest plans can be found on www.k8utt.org. Dave, N8HKU and Bill, WA8HEA lead the Field Day discussion. The theme this year is Field Day = Fun. All the current information can be found on the website at www.k8utt.org/2009_field_day.htm. T-Shirt design has been finalized and the ordering deadline has passed. For those who ordered T-shirts will be available for pick-up on site. Setup will be at 9:00 AM on Saturday, June 28th and we should be on the air by noon. We really need help with the setup. The location is the same as last year, behind the Livonia fire station #6 at Newburgh and Plymouth Road (map to site on the web). We are in need of greeters to meet visitors, give them information about ham radio, and take them safely around the site on a tour. If you are planning to come at night please be sure to bring a jacket, mosquito repellent and a flash light. We are also looking for people to provide training and to demonstrate the skill on-site after the training class. Please contact Dave if you are planning to attend. This is a recruiting tool for FARL and we will have applications for new members on-hand. Up to \$200 of funds were approved for Field Day expenses.

SEPTEMBER MEETING: Bill, N8OZV will have a presentation on Micro Controllers.

NOVEMBER MEETING: Topic required.

ADJOURN: 8:31 PM

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
70 cm Repeater	443.425	+5 MHz	107.2 PL

Club Net: 8pm on Sunday, 2 and 1-1/4 meter repeaters!

Classes and Exams

The Garden City ARC is conducting Extra license classes through the Garden City Public Schools. Classes run Sep 22 through Jan 12th from 6:30 to 9:30 pm. Cost is \$25. Contact 734-762-8430 to register.

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.

Ford Amateur Radio League – contact Bill Boyke at 313-805-8877 or wboyke@ford.com

South Lyon ARC – contact Christian Anderson at 248-437-3088 or K8VJ@arr.net

Motor City ARC – contact Don Novak at 734-281-7030 or K8THU@arrl.net

Hazel Park ARC – contact Dee Flint at 248-981-8145 or N8UZE@arrl.net

USECA ARC – contact Joseph Kennedy at 586-977-7222 or N8OZ@arrl.net

ARROW Assn – contact Roger Place at 734-663-4625 or merrogplace@aol.com

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

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ARRL Contests and Operating Events

I've occasionally heard some comments asking "What do you do with Ham radio if you aren't active with emergency communications?" Well, here are some examples of things to do to become more "radio-active". The lists are edited down to fit what we can hold in our newsletter.

The following are lists of ARRL sanctioned contests and special events posted in the ARRL website. Please go to the website for more information about each event and get on the air.

September	12 - 13	ARRL September VHF QSO Party
	19 - 20	ARRL 10 GHz and Up Contest
October	10 - 11	ARRL International EME Competition
November	7 - 8	ARRL November Sweepstakes (CW)
	7 - 8	ARRL International EME Competition
	21 - 22	ARRL November Sweepstakes (Phone)
December	4 - 6	ARRL 160 Meter Contest
	5 - 6	ARRL International EME Competition

Sep 10-Sep 14, 1700Z-0300Z, Hebron, CT. Newington Amateur Radio League, NA1RL. Hebron Harvest Fair. 28.475 18.135 14.280 7.225.

Sep 11-Sep 13, 1300Z-2200Z, Galveston, TX. Leslie Bartosh, AD5WB, N5I. One year anniversary of Hurricane Ike. 14.280; 40 15 10 m possible depending on conditions.

Sep 11-Sep 13, 1700Z-1700Z, Lincoln City, IN. Tri State Amateur Radio Society, W9OG. To commemorate the 200th Anniversary of Lincoln's Birthday. 14.175 14.050 7.175 7.050.

Sep 12, 1400Z-2100Z, Grape Creek, TX. Cloud Country Airport Fly-In, W5QX. Commemorating 150th Anniversary of Butterfield Overland Mail. 14.260 7.260. Certificate.

Sep 12, 1400Z-2200Z, Herndon, VA. Sterling Park Amateur Radio Club, K4H. Celebrating 150 years of Railroading in Herndon. 14.265 7.265 3.865.

Sep 12, 1600Z-2359Z, San Diego, CA. USS Midway (CV 41) Museum Radio Operations Room, N16IW. USS *Midway* Commissioning 1945, National POW/MIA Remembrance Day and Tin Can Sailors National Reunion. SSB 14.320 7.250 PSK-31 7.070 CW 14.060 7.055

Sep 12-Sep 13, 1500Z-0000Z, Coopersville, MI. Michigan DX Association, W8DXI. The RF Express - Railroad And Radio Friends. 14.240 14.050 7.240 7.050. Certificate.

Sep 12-Sep 13, 1500Z-0300Z, Inver Grove Heights, MN. South East Metro Amateur Radio Club, W0B. Cold War Memorial at the site of the B-52 crash on 9/16/58. 21.352 14.252 7.252 3.952.

Sep 12-Sep 20, 0100Z-2359Z, San Bernardino, CA. Citrus Belt Amateur Radio Club, W6A-R&W. 10th Annual Route 66 On The Air Special Event. 21.366 14.266 7.266 3.866. Certificate.

Sep 13, 1400Z-2100Z, Berkshire, NY. QCWA Chapter 28, W2V DX/2. Heritage Day Community Hall Restoration. 14.232 7.232.

Sep 13, 1500Z-2030Z, Babylon, NY. Great South Bay Amateur Radio Club, W2GSB. Operating from the Babylon Village Country Fair. 14.260 3.850 7.250 14.070 PSK.

Sep 18-Sep 20, 0000Z-2359Z, Santa Ana, CA. W6APD/KM6HB, K6P. National POW-MIA Recognition Day. 21.350 18.150 14.253 7.250.

Sep 18-Sep 20, 1800Z-1700Z, Kenton, OK. Oklahoma City Astronomy Club, N0T. 26th Okie-Tex Star Party. 7200 14.235 28.440. Certificate.

Sep 18-Sep 21, 0000Z-2300Z, Marquette, MI. Lake Effect Amateur Radio Club, N8T. North Country Trail Volunteer Trail Building Adventure. 14.070 7.240.

Sep 19, 1200Z-2000Z, Gladeville, TN. Short Mountain Repeater Club, W4YXA. Operating on Stewarts Ferry Pike for 7th Annual Gladefest. 28.400 14.250 7.220 3.820.

Sep 19, 1200Z-2000Z, Portland, ME. Portland Amateur Wireless Association, W1KVI. Relaunch of Club Radio Room. 21.350 14.045 7.250 3.860.

Sep 19, 1400Z-2100Z, Fort Worth, TX. Tri-County Amateur Radio Club, WC5C. Greer Island Activation TX058L. 14.250 7.250.

Sep 19, 1600Z-2100Z, Ravenna, OH. Portage Amateur Radio Club, K8B. Annual Ravenna Balloon-A-Fair and Parade. 7.250 14.250 21.250 145.390. Certificate.

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- Sep 19-Sep 20, 1300Z-2100Z**, Apple Orchard, VA. Roanoke Valley Amateur Radio Club, W4CA. Blue Ridge Bonanza Apple Orchard Mile Post 76.5. 14.243 7.243. Certificate.
- Sep 19-Sep 20, 1300Z-2100Z**, Blue Ridge Bonanza, VA. Roanoke Valley Amateur Radio Club, W4CA. Rock Fish Gap Mile Post 0. 14.228 7.228. Certificate.
- Sep 19-Sep 20, 1300Z-2100Z**, Blue Ridge Bonanza, VA. Covington Amateur Radio Club, W4CA. Buena Vista Mile Post 45.6. 14.233 7.233. Certificate.
- Sep 19-Sep 20, 1300Z-2100Z**, Blue Ridge Music Center, VA. Franklin Amateur Radio Club, W4CA. Blue Ridge Bonanza Blue Ridge Music Center Mile Post 213. 14.273 7.273. Certificate.
- Sep 19-Sep 20, 1300Z-2100Z**, Buena Vista, VA. Covington Amateur Radio Club, W4CA. Blue Ridge Bonanza Buena Vista 45.6. 14.233 7.233. Certificate.
- Sep 19-Sep 20, 1300Z-2100Z**, Doughton Park, NC. Forsythe Amateur Radio Club, W4NC. Blue Ridge Bonanza Doughton Park. 14.278 7.278. Certificate.
- Sep 19-Sep 20, 1300Z-2100Z**, Peaks of Otter, VA. Roanoke Valley Amateur Radio Club, W4CA. Blue Ridge Bonanza Peaks of Otter Mile Post 84. 14.248 7.248. Certificate.
- Sep 19-Sep 20, 1300Z-2100Z**, Rock Fish Gap, VA. Valley Amateur Radio Club, W4CA. Blue Ridge Bonanza Rock Fish Gap Mile Post 0. 14.228 7.228. Certificate.
- Sep 19-Sep 20, 1500Z-0300Z**, Richmond, VA. Richmond Amateur Radio Club, W4ZA. 80 years as a ham radio club doing public service. 14.250 14.050 7.250 7.050 3.850 3.550.
- Sep 24-Sep 27, 1300Z-2200Z**, Kingwood, WV. Preston County ARES, W8B. 68th Annual Preston County Buckwheat Festival. 14.265 14.040 7.265 7.040. Certificate.
- Sep 26, 1400Z-2100Z**, Pennville, IN. Jay County Amateur Radio Club, W9JCA. Balbec Days celebrates the Underground Railroad. 14.205 7.190. Certificate.
- Sep 26, 1500Z-2100Z**, Herkimer, NY. Ft Herkimer Amateur Radio Association, W2FHA. Town of German Flatts 10th Anniversary Living History Weekend. 14.280. Certificate.
- Oct 2-Oct 11, 1400Z-1800Z**, Albuquerque, NM. High Desert Amateur Radio Club of NM, Inc, N5B. Albuquerque International Balloon Fiesta 2009. 21.280 14.260 7.260
- Oct 3, 0900Z-1800Z**, Prosperity, PA. Washington Amateur Communications, WA3COM. Boy Scout Emergency Preparedness Drill. 14.250 3.865 7.225 21.300.
- Oct 3, 1100Z-1800Z**, LaGrange, GA. LaGrange Amateur Radio Club, K4L. Celebrating LARC 20th Anniversary at its first Ham Fest. 14.070 7.070 3.580. Certificate.
- Oct 3, 1200Z-2100Z**, Harlem, GA. Columbia County Amateur Radio Club, W4O. The Oliver Hardy Festival Special Event Station - W4O. 28.360 21.260 14.260 7.260.
- Oct 3, 1300Z-1700Z**, Anamosa, IA. Jones County Amateur Radio Club, WØCWP. 21st Annual Pumpkinfest and Weigh-Off. 14.260 +/- . Certificate.
- Oct 3, 1300Z-2000Z**, Forest, VA. Lynchburg Amateur Radio Club, N4J. 200th anniversary of Thomas Jefferson's retirement as President and his first visit to Poplar Forest, his retreat home and farm in Bedford County VA. 14.070 PSK 14.263 7.260.
- Oct 3, 1300Z-2300Z**, Hahira, GA. South Georgia United Methodist Amateur Radio Society, WG4UM. 28th Annual Hahira Honey Bee Festival. 146.520 28.400 14.252 7.225.
- Oct 3, 1400Z-2000Z**, North Judson, IN. Starke County Amateur Radio Club, W9JOZ. Radioville, IN -- The Town that Never Was. 14.240 7.240.
- Oct 3, 1500Z-2359Z**, Oak Lawn, IL. Metro DX Club, W9M. Celebrating the 30th Anniversary of the Metro DX Club. 14.240 14.040 7.240. Certificate.
- Oct 3, 1500Z-2100Z**, Robbinsville, NC. Smoky Mountains Amateur Radio Team, N4GSM. Opening of Cherohala Scenic Skyway. 14.242 7.242. Certificate.
- Oct 3-Oct 4, 0000Z-2359Z**, Liege, BELGIUM. Club Station UBA-LIR (ON7LR), ON4DAMIAN. Honoring the Canonization of Belgian Father Damien. 21.165 14.120 7.150 7.065 3.665. **Oct 3-Oct 4, 1500Z-2300Z**, Pittsburgh, PA. Rotarians of Amateur Radio, K3R. Public demonstration of amateur radio-emergency preparedness. 14.230 14.155 7.180 7.130. Certificate.
- Oct 4, 1200Z-2200Z**, Auburn, ME. Androscoggin ARC, N1D. Dempsey Challenge (bicycle race) fight against cancer. 28.400 14.240 7.190 3.950.
- Oct 4-Oct 31, 0001Z-2359Z**, Philadelphia, PA. University of Pennsylvania Amateur Radio Club, W3KZ/100. Celebrating 100 Years of Amateur Radio at Penn. 14.260 10.115 7.030 3.530.

That should keep everyone busy for a while!

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2009 Club Events Calendar

- September **10th: FARL Meeting.** Presentation - Micro controllers, N8OZV
12th: Great Lakes Division Symposium, Findlay, OH
13th: Findlay Radio Club Hamfest, Findlay, OH
19th: Celebration of Cycling (PEAC), Warrendale Park, Detroit, MI
20th: Adrian ARC Swap, Adrian, MI
- October **8th: FARL Meeting.** Presentation - Kenwood Sky command, WA8HEA.
25th: USECA ARC Hamfest, Sterling Hts., MI
- November **12th: FARL meeting.** Presentation currently open. Why not suggest/present one?
- December 6th: L'Anse Creuse ARC Hamfest, Mt. Clemens, MI
10th: Annual Christmas Dinner. Please provide venue suggestions.
TBD: Radio Santa, Mott Children's Hospital, Ann Arbor.

2009 Field Day Results

Here are the results submitted to the ARRL from this year's Field Day with the Livonia Amateur Radio Club. We ran a 3A (3 transmitters running off of emergency power) this year along with at Get-On-The-Air (GOTA) station and VHF/UHF station. The GOTA and VHF/UHF stations are "free"; that is, they aren't included in the 3A class stations. Even though we ran more stations, we didn't get as many overall points as we did last year. We did get a lot more participants and visitors to the site, however, including a Boy Scout troop going for their communication merit badges and the mayor of Livonia. All of them had a chance to operate and experience Field Day first hand.

Call Used: K8UNS GOTA Station Call: (none) ARRL/RAC Section: MI Class: 3A
Participants: 81 Club/Group Name: LARC-FARL

Power Source(s): Generator, Solar
Power Multiplier: 2X

Bonus Points:

100% Emergency power	300
Media Publicity	100
W1AW Field Day Message	100
Satellite QSO completed	100
Natural power QSOs completed	100
Site Visit by invited elected official	100
Site Visit by invited served agency official	100
Youth participation	100
Youth operators = 6	
Youth participants = 10	
Submitted via the Web	50
Total Bonus Points	1,050

Score Summary:

	CW	Digital	Phone	Total	
Total QSOs	671	11	619		
Total Points	1342	22	619	1983	Claimed Score = 3,966

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Band/Mode QSO Breakdown:

	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m					2	100
80m	131	100			31	100
40m	341	100			261	100
20m	126	100	11	40	243	100
15m	65	100			72	100
10m	5	100			5	100
6m	1	100			5	100
2m						
1.25						
Other						
Satellite	2	50				
GOTA						
TOTAL	671		11		619	

We had a great turnout from both the Ford and Livonia clubs and tried some new things this year. We had an inverted L antenna for 160 meters, 2M and 440 Eggbeaters for the satellite station, put a vertical on top of the fire tower and eliminated the support mast on the G5RV antenna by running to the "neighbors" trees. Some of it worked well; some didn't, but you never know until you try. Please go to the FARL (www.K8UTT.org) and LARC (www.livoniaarc.com) websites for photos and more information about the 2009 Field Day.

We're already planning for 2010. Some of the changes recommended and approved for Field Day next year are:

1. No GOTA station. It didn't serve the intended purpose and the GOTA resources could be better used on the main stations. Visitors will be allowed to operate one of the main stations.
2. No breakfast on Saturday. The LARC has breakfast at a Coney Island restaurant on Saturday that we can attend. Many people just get their own breakfast before they leave home.
3. Setup will begin at 10 am Saturday (after the LARC breakfast).
4. The Stu Rock club will be invited to join the LARC/FARL event. They did not set up for Field Day this year because of lack of participation.
5. The IC-706MKIIG will be used as a backup radio and Mike Rudzki's FT-920 will be used as one of the primary station radios. The 706 receiver was getting swamped by adjacent station interference.
6. We will continue to operate a 3A setup and focus on running it more effectively.
7. We will use the R7 (mounted on the tower), Carolina Windom and G5RV as the primary antennas with the LARC vertical as backup. We will not use the inverted L or put effort into 160 meter contacts. We will put up a 6 meter beam on the tower for the VHF/UHF station.
8. We will use ONLY waterproof shelters next year. The LARC is looking into obtaining a carport type shelter with sides and I still have my carport. We hope to be able to use the Livonia inflatable shelter again next year as it worked really well.
9. The Fire Station #6 site will be used again next year. I suggested a location with higher elevation, but we couldn't come up with a better overall location.
10. We will setup a satellite/VHF/UHF station again and use the TS-2000 with directional antennas vs. the omni-directional antennas we initially used. We need the additional gain.
11. The LARC is looking for a Field Day chair for next year. John Mathey wants to take a break as chair but will assist. He put together a book for Field Day that will help with the operations (I have a copy for our club) and many more suggestions were made to help anyone who has that responsibility. We have been asked to see if someone from our club would like to volunteer.

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2009 Field Day – Revisited

The Ford club joined the Livonia club for our annual Field Day exercises on June 27th-28th. We set up as a 3A station, and set up a VHF and satellite station as well. The clubs tried a Get-On-the-Air station, but we did not get submit a log this year. It was a challenge to switch between a GOTA and a regular 3A HF station. We had over 81 participants and visitors at our site this year, including the Mayor of Livonia, and emergency served agencies representation. We also had many scouts visiting, and some of them made contacts with us. I also know one amateur who made his first HF contacts with us, Dan K8DRP. Fantastic!

We changed our antenna set up this year, and had some good success. We put up a Carolina Windom for the CW station, tying one end to the fire tower, the other end to the North. We put up a G5RV from the fire tower, the other end to the neighbor's in the East. That made these two antenna 90 degrees to each other, and this worked well. We then mounted the R7 vertical up above the fire tower. Its vertical orientation reduced the interference to the other two antennas, and the 5 story height on the antenna really made it play well, at least on the higher bands. The one problem with the R7 antenna is that we did not have it adjusted for 40m phone. It was resonant too low, and we did not get a chance to adjust it after mounting. We will remember to test the antenna first for resonance before putting it up. For Satellite work, congratulations to N8MR for the 2 CW contacts on their antennas. Way to go, Mike and Bill!

Please see the logs and files up on the club website for more information about our Field Day. We did a good job with our contacts this year, in spite of relatively poor band conditions. We worked all but 4 sections: Virgin Islands, East Bay, Northwest Territories, and Idaho. On SSB, most contacts were made on 40m, followed by 20m. On CW, 40m again won out, followed by 80m and then 20m. We all hope for some sunspots next year for the event!

Many thanks to all who participated with time, energy, and equipment! As always, Field Day is a team effort. We appreciate all of the help, including those to stay over during the wee hours of the morning, keeping RF in the air and all of the equipment secure. A special thanks to all of those to worked to supply the food and drink, especially Delores, Lynette and Tas. Running Field day takes a lot of energy!

73,
Dave, N8HKU

Hams Helping Hams

There have been many opportunities lately for hams to help hams and I'm glad to say the support has been there when needed. We have been working on sorting through the parts and equipment from several club members and have sold some of it. My thanks go to John Mathey, K8AZT, and Mike Rudzki, N8MR, of the Livonia club for their help.

I plan to go to the Findlay Hamfest to sell more equipment and would appreciate help from anyone else who plans on attending. Please call Bill Brezina at 313-550-0928 if you need a ride to Findlay or if you need help with your ham shack, antennas or radio equipment. Cold weather will be here sooner than you think, so it is time to finish up those outdoor antenna projects.

Bill Boyke, N8OZV, has been providing training and testing for those interested in getting their ham license, or upgrading to a higher class license. Most recently he has been giving classes for General and Extra licenses at the Atrium between Buildings 1 & 2 of the Ford Engineering Research center. The tests are scheduled to be given on Sept. 3rd.

I am sorry to report that two local hams, Jim Kellachow, W8WJR, and Earl Clark, K8BHP, have become Silent Keys. Ham radio is a relatively small, close knit, fraternity of like minded people and Jim and Earl will be greatly missed by those that knew them.

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2009-2010 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	Roger Reini	KD8CSE	734-728-1509
Vice President	Dave Treharne	N8HKU	734-476-1666
Treasurer	Bill Brezina	WA8HEA	313-563-2905
Secretary	Debbe Yeager	KD8IWV	734-981-3188
Repeater Chair	Murray Scott	KE8UM	248-743-1704
K8UTT Trustee	Dave Treharne	N8HKU	734-476-1666
Activity Chair	John Stucka	N3JM	313-576-9880
Bolt Editor (Sep)	Bill Brezina	WA8HEA	313-563-2905

Club Meetings

The Ford Amateur Radio Club meets the 2nd Thursday of each month, except for Christmas and the summer months (July & August). The meetings are held at 7 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: Sept 10th, Topic: Micro Controllers by Bill, N8OZV

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