



USECA EXPRESS



Michigan's Largest and Most Active Amateur Radio Club

UTICA SHELBY EMERGENCY COMMUNICATION ASSOCIATION, INC.

Volume 21, Number 3, March 2005

In The Making:

New Antenna Ordinance For Clinton Township

Bill Chesney, N8SA

AS MOST OF YOU know Dave, KC8IAQ fell on the wrong side of the township antenna ordinance last year. He asked for help at our meeting. The troops came out en mass to help in his cause at the board meeting where they were to hear his case.

Myself and several other hams stood up and supported Dave and amateur radio to the board. They were impressed and after suggestions from the floor decided that the ordinance as it was written needed to be updated and so tabled

Dave's case for six months to give the "ordinance update" committee a chance to re-write the ordinance to bring it into compliance with PRB-1. At that time I offered my services to assist the committee. I have been asked to attend their meetings. I have only attended one so far but the response was very favorable.

The attorney has had the most questions (normal) and he had some pre-conceptions we had to get rid of (like limiting us to night time hours only and using ONLY crank up towers that could only be raised at night.) He has been fairly accommodating after he realized the board was basically on my side on this.

At present we are probably going to get a tower for any "Federally Licensed" individual to install one 80 foot structure (measured to top of antenna) and one roof top mount not to exceed 20 feet over the structure it is on. I thought this a fair compromise considering where we started. I have also gotten them to re-consider the "fall zone" as they considered it to be 100% of tower height and I am educating them on that. (30% is considered normal) I had to get myself some data back up on this one to prove my point.

I purchased a book from the ARRL called "Antenna Zoning" to educate myself. It is written by a ham lawyer who has specialized in Communications law for years and is considered an expert in this field. It is written in a down to earth format designed to get anyone prepared to fight just such a problem or apply for a tower permit with a city. It seems to be an excellent text so far. It is \$40 but seems to be well worth it. I am using it and the accompanying CD to put together a presentation to the board to assist in the final stages of writing this ordinance. I am going to ask for a part that restricts CC&Rs from being written that restrict amateur radio antennas on private land (sub divisions).

We cannot do anything with Condo's as the owner is not the land owner where the tower would be placed. This would not affect existing CC&R's but would eliminate any new ones being filed.

—Continued on Page 12

The Tuned Pipe

By Dick Arnold, AF8X

AS MOST OF YOU know, I am the proud owner of the new Elecraft KX-1 QRP transceiver. I have fallen in love with this little rig and the only fault I have found with it was the lack of a tone or other method of matching the frequency of a received signal, or in other words, a lack of zero beating options. I know a lot of hams tune to what sounds good to their ear, but I am obsessed with zero beating a station just as close as I can get to his frequency.

There is an electronic signal indicator on the market that shows when an LED is brightest that the received station is tuned for the strongest signal, however I liked the idea of matching a tone equal to the rig's CW offset to tune other stations. My K1 has a tone generator that I can turn on to match the tone of received signals, but the KX-1 lacks this feature.

I thought about it for a while and decided that I could use a pitch pipe like those used by groups singing acappella. There are no pitch pipes tuned to 600 Hz, so I decided to make one. You probably all have blown across the top of a soda or beer bottle and heard the low tone emitted. A smaller volume vessel projects a higher tone. Using this method I first I tried lengths of PVC pipe and found a 5-1/4" piece worked okay. Then I thought to use one of my empty cigar tubes and sure enough it worked even better. The thinner, lighter cigar tube seems to resonate better and I fine-tuned it against an electronic tone generator on my computer.

The next time you see me operating portable and blowing into an empty cigar tube, you'll know I am zero beating, not trying to play a tune.

Next Meeting — March 8

CLUB DIRECTORY

BOARD OF DIRECTORS

President Jim Wickstrom/W11K (586) 771-4135
 Vice President Scott Madison/WN1B (248) 628-4756
 Recording Secretary Ann Manor/KT8F, (586) 751-3893
 Treasurer Dennis Gaboury/W8DFG (586) 465-7126
 Membership Secretary Ken Cassale/KW8Z (586) 552-8311
 Past President Nancy Carr/KB8QMS, (586) 749-3383

ELECTED BOARD MEMBERS

George Schutte/K8GEO (248) 393-4030
 Joe Kennedy/N8OZ (586) 977-7222
 Fred Holmes/W1SKU (248) 693-3638



COMMITTEES

ARRL Liaison Phil/W8IC (586) 751-3893
 Awards Manager Arpad/WY8M (586) 751-3804
 Door Prizes —OPEN—
 Editor Joe/K8OEF (586) 781-0050
 Field Day Chair Phil/W8IC & Ann/KT8F (586) 751-3893
 Health & Welfare Charlene Gracey (586) 777-2954
 Historian Jerry/K8CFY (586) 791-4484
 Liaisons George/K8GEO & Mike N5WCS
 Mailers/Sorters Ann/KT8F; Phil/W8IC; & Crew
 Net Manager Brian/KC8DIR (586) 749-4561
 Photographer Richard/K8QLM (586) 731-4475
 Program Director Scott/WN1B (248) 628-4756
 Public Relations Officer Ken/N8KC (248) 652-1187
 Refreshments Ken/KC8ZVA
 Repeater Trustee Dennis/W8DFG (586) 465-7126
 Swap & Shop Bob/AB8TS (586) 716-9114
 Technical Director Floyd/W8RO (248) 391-6660
 Technicians WN1B; K8FT; WA8GQL; KC8IAQ; W11K; AD8S; N8SA
 VE Testing Joe/N8OZ (586) 977-7222

CONTROL OPERATORS (*Phone Number Above)

Scott/WN1B* Jim/W11K* Floyd/W8RO*
 Dennis/W8DFG* Joe/K8OEF* Dave/AD8S
 Dave/KC8IAQ Joe/N8OZ*
 Phil/W8IC* Nancy/KB8QMS*

PROGRAMMERS

Dennis/W8DFG Dave/KC8IAQ

SILENT KEYS

Len Czapiewski/K8DHH	Stuart Satrun/KW8K	Vance Dupuis/WB8QNI
Art Sheff/WD8EGV	Rick Parady/KB8KLW	Dave Martin/W8VB
Joe Lucido/NU8F	John Moore/KA8KTV	Harry Young/W8VRW
Charles Smith/N8FWF	John Palmer/WD8LBH	Velma Ragon/N8YVC
Clarence Ringo/W8HQO	Joe Palson/WD8MFN	John Tomlins/KG8YX
Joe Steel/KA8IZM	John Pizzuti/WB8NHT	

f=Founder *c*=Charter *h*=Hon. Charter

N8AWV <i>h</i>	N8HCT <i>f c</i>	WB8OSF <i>h</i>
KA8BDG <i>c</i>	KA8IZM <i>f c</i> SK	K8QLM <i>f c</i>
N8BK <i>h</i>	KA8KTV <i>f c</i> SK	WB8QNI <i>c</i> SK
N8FDN <i>c</i>	G. Manquardt <i>h</i>	KA8VYV <i>h</i>
N8FNO <i>f c</i>	WD8MFN <i>f c</i>	WA8VZZ <i>c</i> SK
J. Haubner <i>c</i>	WB8NHT <i>f c</i> SK	

Michigan's . . .

BEST-IN-CLASS!

The Editor is:

Still Going

Joe, K8OEF

“Thank you!” If you received this *Express* you are a club member—those that did not renew or join are, “left on the dock.”

As tradition dictates, this is the March edition and contains the current (2005) membership roster. The roster pages are *not* included with the *Express*' upload to our website. If you're a member and would like a copy emailed to you, let me know, (k8oef@k8uo.com)—it's in *Excel*.

Let's see who reads this column. Here's a neat site you may not be aware of—it contains information concerning the “Central Michigan Amateur Network” — check it out at: www.n8obu.com.

73 for now.



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Baluns

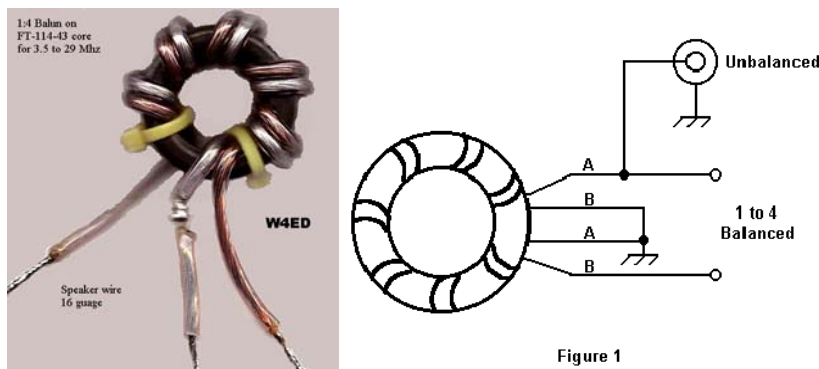
By Dick Arnold, AF8X

IF YOU LIKE TO experiment with antennas, sooner or later you will need a balun. The name balun means *balanced to un-balanced*. I think all radios now are designed to load into an unbalanced feedline. The reason I suppose is the popularity of coax cable.



Commercial balanced antennas, for example, 1/2-wave dipoles have a 1:1 balun at the center feed point where you may connect a coax feedline. The dipole antenna impedance is around 70 ohms, depending on the height above ground. That's not a bad match to the radio's 50-ohm expectation, but it's a balanced load. The balun will convert it to a coax and radio friendly unbalanced load.

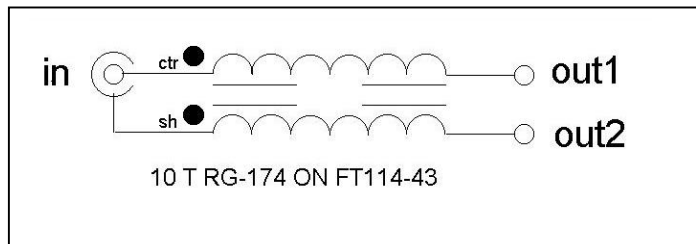
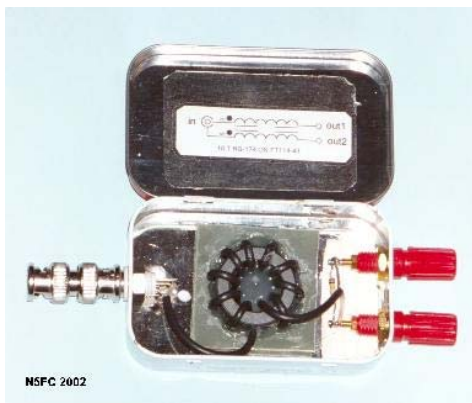
Other balanced antennas have different impedances and if it is around 200 ohms or more a different balun ratio will be needed. The 4:1 balun is very popular in these cases. The price of commercial baluns run around \$24.00 and up. I found that baluns are easily home brewed and not near as costly as manufactured models.



This is a favorite of mine that I found on the Internet. It uses a FT 114-43 toroid and is wound with six turns of 16-gauge speaker wire. As indicated in the diagram the silver and copper color conductors are labeled **A** & **B**. The conductor **A** from one end and conductor **B** from the other end are spliced and connected to the ground side of a coax connector.

The other **A** & **B** conductors are the balanced line inputs. The coax connector (unbalanced output) is connected to the **A** conductor. The balanced line input is connected to two banana plugs; the unbalanced output is connected to either a BNC or SO239 connector. The connectors are mounted in either a metal or plastic box and the toroid is secured to the box with hot glue.

The 1:1 balun I use was made using the FT 114-43 toroid again and wound with ten turns of RG 174 coax. One end of the coax is connected to the unbalanced box connector and the other end is connected to the two banana plugs. Again all this is mounted in a suitable sized box.



Continued on Page 7

USECA Meeting Minutes

Board Meeting— February 1, 2005

In attendance:

W1IK, Jim	President
WN1B Scott	Vice-President
KT8F, Ann	Recording Secretary
KW8Z, Ken	Membership Secretary
*W8DFG, Dennis	Treasurer
K8GEO, George	Board Member
N8OZ, Joe	Board Member
W1SKU, Fred	Board Member
*KB8QMS, Nancy	Past President
*Absent	



Meeting called to order by the President at: 7:35 PM.

Motion to accept the minutes of the last BOD meeting made by Scott, WN1B, and 2nd by Fred, W1SKU, motion carried.

Treasurer's report provided by Jim, W1IK.

Membership: Ken, KW8Z: 202 members. Discussion re: keeping old applications. Consensus of the BOD: keep the applications for 2 years, unless there is something unusual about an app.

Walt, WB8E announced that the annual FYBO at Metro Beach Park Saturday the 5th of February.

Express: Joe, K8OEF – no report.

Technical: Scott, WN1B reviewed current status. He is working on the link radio at this time.

ARRL – report given by Phil, W8IC. Reported on the recent ARRL BOD meeting.

Swap: Bob, AB8TS has volunteered to head up the USECA swap. Thanks, Bob! We do need to request people to volunteer for committees to assist him.

Field Day: Phil, W8IC and Ann, KT8F – will be QRP. Hams that were station chairs last year will have first chance to reserve those stations again. Please contact Phil or Ann if you are interested in chairing a station. The field day planning meeting will be the general meeting program in April.

Programs: March's will be on grounding. May's program will be on fox-hunting and also transceiver specifications demystified. June's meeting program is the annual Foxhunt.

Club liaison: George, K8GEO listed some upcoming activities. See report in this issue.

Old business: discussion re: dropping the Tuesday night net and the Friday night Hoot Owl Net. To be brought before the membership for a vote. Scott suggests a mentoring program be devised to help new net controls get started.

Health and Welfare – Walt, WB8E reported.

Meeting adjourned 9:00 PM.

Respectfully submitted,
Ann Manor, KT8F, Recording Secretary

General Meeting—February 8, 2005

In attendance:

W1IK, Jim	President
WN1B Scott	Vice-President
*KT8F, Ann	Recording Secretary
KW8Z, Ken	Membership Secretary
W8DFG, Dennis	Treasurer
K8GEO, George	Board Member
N8OZ, Joe	Board Member
W1SKU, Fred	Board Member
*KB8QMS, Nancy	Past President
*Absent	

Meeting called to order by the President at: 7:35 PM.

Introductions made. Visitors welcomed, upgrades recognized.

Motion made to accept the minutes as printed in the Express made by Pete, KC8WWE and 2nd by...Dave, KC8TTQ, and motion carried.

Treasurer's report given by Dennis, W8DFG. Motion to accept the report made by WB8E, 2nd by AB8BT, motion carried.

Membership: Ken, KW8Z: 132 paid members.

Webmaster: No Report.

Express: Joe, K8OEF articles due tonight. Roster will be in the next edition of the Express.

Technical report: No Report.

ARRL: No report.

Health & Welfare: Walt reported that Jerry, K8CFY was in the hospital. Steve, WB8AHJ was going into the hospital for surgery.

Liason Report: Mike, N5WCS gave a report on activities going on outside of USECA.

Old Business:

Discussion concerning dropping of the Tuesday night net. There is a poll on the Community Board, results showing 80 percent in favor of dropping the net. After discussion a vote was taken majority of members decided to drop the Tuesday Night Information Net.

Joe, KD8ATO is running a youth net on Sunday nights at 7:00 PM just before the Traders Net.

New Business:

Ken, N8KC and Denise, KC8IPF has volunteered to run Pre-Field Day this year, to be held in May. Date to be announced at a later date.

Looking at putting a committee together for getting door prizes at the up coming meetings. Also looking at a Fundraisers committee.

—Continued on Page 7

Demographic Look at Amateur Radio Licenses

By Dick Arnold, AF8X

AS OF JULY 2004 the list shows the number of Amateur Radio Licenses in each state, California having the largest number and Delaware the least. This may give an indication of the patience needed to work all states for the WAS award.

I worked a station in North Dakota a couple weeks ago and sent him my favorite joke when working a state with few hams. I sent, "Glad to meet U OM, I wrkd the other station in ND last week." This, most of the time, evokes a "HI" from the other station.

If you have already worked all states, try it in a different mode or try it QRP. Most of all, keep trying. It seems that the ARRL is giving less support to the continuation of CW and eventually we may see it go the way of AM. For those who have become proficient in CW, it is fun and a great way to work under less than ideal conditions.

Pct	State	Total	E	A	G	P	T	N
Total	100.00	675274	105552	79253	139251	57986	262422	30810
CA	14.28	96433	12016	10200	16923	8642	44418	4234
TX	6.34	42834	7181	5294	8568	3401	16995	1395
FL	5.81	39257	6361	5791	9974	3356	11724	2051
NY	4.52	30547	4831	3687	6657	2794	10432	2146
OH	4.40	29707	4650	3250	6205	2980	11114	1508
WA	3.67	24758	3598	2651	5034	2128	10378	969
PA	3.56	24034	4259	3063	5413	2197	7826	1276
IL	3.29	22206	3626	2705	4963	1979	7714	1219
MI	3.14	21223	3435	2399	4605	1757	8099	928
NC	2.75	18539	3036	2194	3773	1511	7165	860
VA	2.53	17101	3170	2176	3559	1306	6190	700
AZ	2.33	15744	2515	1965	3130	1289	6359	486
IN	2.23	15082	2231	1661	3200	1384	5866	740
NJ	2.21	14908	2702	2057	3304	1487	4407	951
GA	2.19	14816	2426	1897	3082	1308	5603	500
TN	2.13	14367	2384	1694	2850	1257	5688	494
MA	2.07	14000	2572	1792	3225	1330	4285	796
OR	2.01	13579	1967	1537	3008	1080	5436	551
MO	1.87	12659	2080	1515	2739	995	4837	493
CO	1.84	12458	2060	1522	2494	1026	4926	430
MN	1.63	10987	1831	1356	2416	797	4121	466
MD	1.63	10982	2056	1469	2391	906	3622	538
WI	1.62	10927	1770	1293	2306	763	4353	442
AL	1.58	10665	1746	1179	2087	840	4487	326
UT	1.41	9511	939	569	1103	732	5969	199
OK	1.37	9255	1397	1018	1620	777	4177	266
KY	1.29	8727	1348	870	1687	710	3731	381
CT	1.19	8032	1416	1025	1836	705	2460	590
AR	1.06	7186	1102	775	1279	503	3323	204
SC	1.05	7062	1200	838	1625	565	2584	250
KS	1.04	7024	1036	783	1585	567	2694	359
WV	0.96	6504	890	540	1099	460	3272	243
LA	0.95	6407	1092	908	1381	536	2211	279
IA	0.94	6376	1090	978	1481	490	2019	318
PR	0.85	5709	384	448	874	1139	1709	1155
NM	0.83	5612	906	641	1006	365	2567	127
NV	0.76	5157	845	586	1099	380	2091	156
NH	0.74	5002	981	545	1085	398	1779	214
ID	0.68	4602	633	410	876	366	2199	118

Continued on Page 7

USECA Club Liaison

19-Feb-05 EC-001 ARRL beginning emergency communications course at the Salvation Army DHQ in Southfield,
12-Mar-05 MI. from 10 AM to 2 PM. Contact Al at ka8jjn@arrl.net or Ann-Marie at k8amr@arrl.net.

Oakland County Skywarn Class Schedule, call (248) 858-5300 to register or
Kenneyb@co.oakland.mi.us.

2-Mar-05 7:00PM - 9:15 PM Oakland County EOC
12-Mar-05 10:00AM - 12:15 PM & 1:00 - 3:15 Oakland County EOC
15-Mar-05 7:00 PM - 9:15 PM Southfield Civic Center
7-Apr-05 7:00 PM - 9:15 PM Groveland Township Fire Department, Station #1
21-Apr-05 7:30 PM - 9:45 PM Highland Senior Center

16-Apr-05 Macomb County Skywarn Class; 10 AM to 12:15 PM at Freedom Hill.

19-Mar-05 A Net Control Training Workshop, will be held at The Salvation Army District Headquarters, 161
Northland Dr. Southfield, MI from 10 AM to 2 PM. Contact Ann Marie Ruder, K8AMR, at
amruder@earthlink.net. She will e-mail the manual which needs to be read before the workshop.

19-Mar-05 Southern Michigan Amateur Radio Society Crossroads Hamfest, Marshall High School, Marshall, MI.
Phone (269) 962-2006.

19-Mar-05 ARRL Great Lakes Division Convention, sponsored by Toledo Mobile Radio Association, at the Holiday
Inn, Phone (419) 865-1361 for room reservations and rates. Info: www.tmrahamradio.org.

20-Mar-05 Toledo Mobile Radio Association Hamfest, at Lucas County Recreation Center. Info:
www.tmrahamradio.org.

16-Apr-05 Milford ARC Swap-n-Shop, at Milford High School, 2380 Milford Rd. Highland MI.; www.qsl.net/w8ydx;
Talk-in 145.49- 67 Hz PL.

1-May-05 USECA WalkAmerica: Metropolitan Beach, contact Dennis, W8DFG at w8dfg@k8uo.com.

19-May-05 Macomb County Skywarn Class; 7:30 PM at Freedom Hill. (this will be the Macomb County ARPSC
regular meeting night.)

20-May-05 Dayton Hamvention, Dayton, Ohio.

22-May-05

5-Jun-05 Chelsea Ham and Antique Radio Swap. Talk in 145.45. Contact wd8iel@qsl.net; www.qsl.net/wd8iel.

18-Jun-05 Midland Amateur Radio Club Hamfest. Midland County Fairgrounds, Midland, MI. Talk in 147.000+.
Contact Bill, N8FUZ, (989) 853-4142, or n8fuz@arrl.net; or www.qsl.net/w8kea.

19-Jun-05 Monroe Hamfest & Computer Show, Monroe County Fairgrounds, M-50 at Raisinville Rd. Contact Fred
VanDaele at (734) 242-9487; www.mcraa.org.

If we have missed anything or some noteworthy event, please let us know.
Our E-Mail addresses are: k8geo@arrl.net and n5wcs@arrl.net.

Submitted by George, K8GEO and Mike, N5WCS.

Demographic Look at Amateur Radio Licenses—From Page 5

Pct	State	Total	E	A	G	P	T	N
MS	0.68	4565	760	594	949	325	1802	135
ME	0.67	4511	747	498	1076	326	1667	197
NE	0.57	3857	585	512	994	323	1277	166
HI	0.48	3234	530	350	591	328	1284	151
AK	0.48	3211	485	343	676	220	1385	102
MT	0.46	3088	483	328	658	210	1277	132
RI	0.34	2263	397	249	535	250	695	137
VT	0.32	2190	396	213	451	161	891	78
SD	0.24	1634	286	228	378	108	541	93
WY	0.24	1614	265	179	333	125	647	65
ND	0.23	1549	223	147	351	132	635	61
DE	0.21	1407	256	165	340	126	464	56
GU	0.08	544	71	30	61	45	323	14
DC	0.06	413	73	62	96	33	123	26
MP	0.06	378	82	12	38	7	239	
VI	0.04	270	54	22	81	18	79	16
AE	0.04	237	39	24	54	18	91	11
AP	0.03	210	39	11	30	14	107	9
AS	0.01	83	13	3	10	8	49	
AA	0.01	37	6	2	7	3	16	3

MILITARY "STATE"

ARMED FORCES AFRICA
 ARMED FORCES AMERICA
 (except CANADA)
 ARMED FORCES CANADA
 ARMED FORCES EUROPE
 ARMED FORCES MIDDLE EAST
 ARMED FORCES PACIFIC

ABBREVIATION

AE
 AA
 AE
 AE
 AE
 AP

Meeting Minutes—
From Page 4

Dave, W8RIT gave a report on the Freeze Your Butt Off contest held at Metro Beach this past Saturday.

Chuck, N8ZA has taken over as apparel and hat chairman. Will have new jackets to show off at the next General meeting.

George, K8GEO has again, asked for help with the testing of sirens in Oakland County.

Bill, N8SA mentioned that once again CAP would be down at Dayton.

Mary, N8CVC graciously sold 50-50 tickets at tonight's meeting.

Tonight's program is a video on Antenna's.

Respectfully submitted,
 Dennis, W8DFG,
 Acting-Recording Secretary

Baluns—Continued from Page 3

As you can see there is nothing too complicated in creating a homebrew balun. These two examples are only two of the many designs using smaller or larger toroids and wire.

The toroids I used were purchased from www.kitsandparts.com, but there are many other suppliers.

If you have an interest in learning more about baluns, the ARRL has a book¹ available which will tell you more than you ever wanted to know about baluns.

Good luck with your balun experience.

¹ Building and Using Baluns and Ununs
 -- Practical Designs For The Experimenter
 By Jerry Sevick, W2FMI.

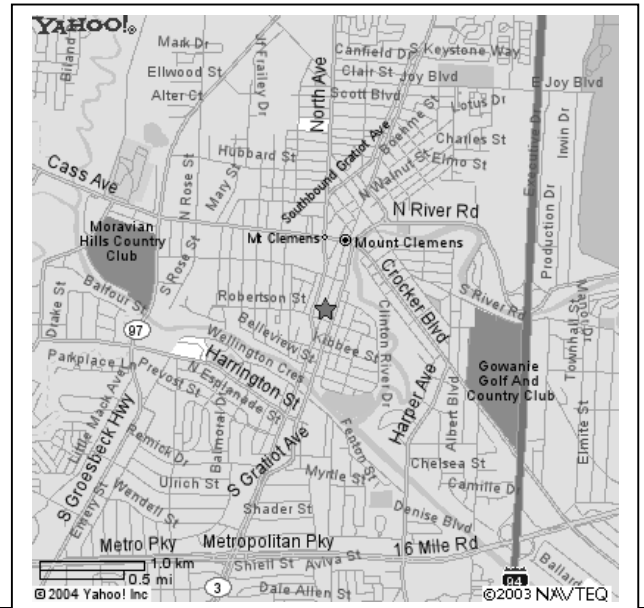
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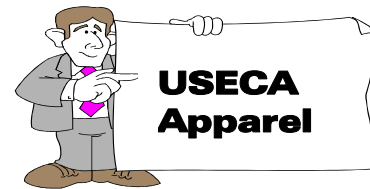
STAY RADIOACTIVE!

USECA Meeting Location → →



USECA VE Testing

Testing will be the FIRST Thursday of the month from September through June. Joe, N8OZ will have the CVE duty. No pre-registration is needed or wanted. Test Fee is \$14.00. Applicants need copies and originals of CSCE's and/or license. There is no copy machine at the Elks; (there is none close by). Starting time is 7:00 p.m. — please do not arrive earlier. Walk-ins are welcomed. Test site is at the Mt. Clemens Elks, 179 S. Main St., Mt. Clemens. If testing, you must have the following: picture ID (or birth certificate); and a copy of your current license or completion certificates, if any.



Jackets—\$45.00 • Sweatshirts—\$25.00
 Polo Shirts—\$22.00 • Caps—\$6.00
 (2X & 3X—Additional Charge)
Contact: Chuck, N8ZA
At Meetings or Phone (586) 557-4983

Net Point System

- ✓1) HF CW NCO = 4 points, HF SSB/VHF NCO = 3 points, HF CW/SSB check-in = 2 points, VHF check-in = 1 point. HF < 30 MHz, VHF > 30 MHz. (NOTE: Check-ins should do so *personally*, proxy check-ins are legitimate *only* for members on club business. "In & Out" check-ins, though allowed, are discouraged.)
- ✓2) Awards are earned for 50 points and multiples thereof. Additional awards for the highest annual HF and VHF scores. Awards are meant to encourage **participation** and can be earned by any licensed amateur.
- ✓3) Net logs must be readable and include the CALLS and NAMES of check-ins, as well as NCO, DATE, and MODE.
- ✓4) NCO's: Forward net logs to the Awards Manager within 30 days; logs received later will not earn the bonus points normally awarded a NCO. Mail your logs to: Arpad, WY8M, 28803 Grobbel, Warren, MI 48092; or email to wy8m@arrl.net.
- ✓5) If you notice any errors in the database, wrong or changed call signs, mis-spelled names, etc., let Arpad know ASAP.

The *USECA EXPRESS* is published monthly (except July and August), by the UTICA SHELBY EMERGENCY COMMUNICATION ASSOCIATION, INC., of Macomb County, Michigan. Club meetings are held on the second Tuesday of each month (except July and August), 7:30 p.m., local time, at the Elks Club, 179 S. Main (between Church and Robertson), Mt. Clemens, Michigan. *Visitors are always welcome.* Articles for the *EXPRESS* should be submitted to the editor no later than the night of the club meeting for publication in the following month's edition. **The articles within are those of the author and not necessarily endorsed by USECA.** Material contained in the *EXPRESS* may be reprinted provided credit is given to the *USECA EXPRESS* and the author, except material published by permission of a copyright holder. The awards for "Excellent" (1994) and four times "Superior" (1995, 1996, 1997 and 1998) were received from ARNS (Amateur Radio News Service). [Note: ARNS has disbanded.]

USECA Cork Board

▶ **Radio Items** ◀

ICOM Sound Card Interface. It's the kit of parts and circuit board to build the audio interface. About 95 percent of the parts are with it, it does not come in a kit. I ordered the parts from about three different sources. I did NOT order the case. I have well over \$100.00 in the parts and board, I do not need it anymore. Asking \$50. Contact Dan, WA8GQL at: radiodan@comcast.net.

MFJ-713, 2 meter HT intermod filter. Like to run your HT mobile but can't stand the intermod? This thing really works. \$40. KC8LOC, Tom, h (248) 542-3340; wrk: (586) 576-3314 or email: kc8loc@yahoo.com.

KENWOOD Linear Amp. 1000 watts, model TL-922A; 160-15 meters; \$1000.

General Radio Freq. Measuring Equipment; 2-6' cabinets; w/all frequency equipment; w/manuals; lots of electronics; \$250.

HEATHKIT Transceiver model HW-16; w/manual. 80-40 & 15 meters; no crystals; \$35.

HEATHKIT SWL radio model GR-81; 160-80-40-20 meters; w/manual \$50.

Contact K8LJM, Jose; (586) 792-4602.



▶ **Miscellaneous Items** ◀

IMATION SuperDisk 120MB Parallel Port Drive. Will trade for anything for which I can find a use. Dick Arnold (586) 791 3595.

SNAP-ON KR1100 upper tool chest, very large (l-53", w-22", h-18", fits KRL1000 roll cabinet, 9 roller bearing drawers, would make nice bench top box \$1000. KC8LOC, Tom, home: (248) 542-3340; work: (586) 576-3314 or email: kc8loc@yahoo.com.

TOSHIBA Laptop computer 486 Satellite with Canon Jet Printer. \$130. Hewlett-Packard Color Printer Deskjet 560C. \$35. Bapco safety analyzer 120v to 220v test for ground on any product. \$125. Sony car stereo, AM/FM cassette with Sony CD 10 Disc Changer \$140. KC8QIC, Denny, (586) 268-7417.

★New or changed this month.
Notify the editor to have items added and/or removed.

This Cork Board is for club members only and it's free!

★**FOR SALE**

Yaesu MH-34 – Speaker mic for Yaesu HT's, single pin 4-conductor style, rotatable lapel clip, like new; \$20.

Kenwood SMC-33 – Speaker-mic for Kenwood HT's, two-pin style, right angle connector, has the three programmable buttons across the top, lock switch on the back, rotatable lapel clip; \$45.

Motorola 5Y – actually made by Galvin Mfg Co. in 1937, no case, large Motorola speaker, very dusty, functional condition unknown, \$ MAKE OFFER.

American Electrola DXC-100 – rare tabletop radio only 2000 made, American made with American components, HF receiver to 30 MHz, AM/FM/SW, digital display, direct entry keypad, wooden case, front firing speaker, large internal wire loop antenna, long telescopic antenna, ext jack, power supply, original owners manual; \$125-.

Computer Speakers – amplified pc speakers, used only 10 minutes; \$5.

MFJ MFJ-956 – tuner, two knobs, 2 SO-239's; \$25.

Archer 15-1113 – UHF/VHF/FM pre-amp, 110V; \$10.

CB Antenna – about 26" long, base loaded, base load is tunable w/2 adjustment rings, 3/8" style mount; \$5.

Cell Phone Mobile Power Cord – for cell phone with 4.8V battery, DC coaxial plug on phone end; \$5.

Power Supply – switching PS, 12-15 VDC, 16A, works, you wire it up; \$25.

Duckies – UHF duck about 6" with BNC, \$5; dual band 2M/440 "Icom" style about 6" with BNC, \$15; 11 Meter black rubber duck with right angle PL259, \$5.

K-40 10/11M Whip – 4' fiberglass, black, tunable, substitute for original K-40 stainless whip & base load, no mount or coax just the antenna; \$4.

Contact Arpad, WY8M at: wy8m@arrl.net or (586) 751-3804 or 147.180 MHz+ 100 Hz PL.

Antenna Ordinance—

From Page 1

This is my future plan as I have spent a few hours on phone calls and E-mails in this endeavor. After we get this ordinance "in the bag" I would like to target another city to approach in the area. Any suggestions would be helpful. Help is always useful. I will keep everyone as informed as I can on this with postings on the USECA web site. I would like to chronicle this case on there and continue to do so as we take on other jurisdictions. At the end of this there will be a vote and open public discussion to ratify this ordinance and I would like to see as many hams as we saw to fight it there to tell the board we appreciate their efforts. Always a good idea to be nice and let them know they are appreciated. Everyone likes to hear that stuff. More updates later as things change.



(That's us—U S of A)

USECA Cork Board On The Web

Every month, this page is uploaded to our web page for the "whole world" to view.

Don't hesitate to list your wants and/or needs—you never know who will be reading it.

And, the best part, it costs you (members) *NOTHING!*

USECA APPLICATION



DATE _____ NEW RENEWAL
 CALL _____ CLASS _____ AUTO-PATCH _____
 NAME _____
 STREET ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 TELEPHONE # _____ PRINT # IN ROSTER YES NO
 BIRTHDATE _____ EMAIL ADDRESS _____

Rev. 3/04 **ARRL** YES NO **RACES** YES NO

FOR FAMILY MEMBERSHIPS ONLY:

CALL _____ CLASS _____
 NAME _____
 BIRTHDATE _____

MEMBER: **ARRL** YES NO
RACES YES NO

CALL _____ CLASS _____
 NAME _____
 BIRTHDATE _____

MEMBER: **ARRL** YES NO
RACES YES NO

Annual Membership Dues Regular: \$20 — Family: \$30 — Auto-Patch: \$35 (One Time Fee) + Annual Dues

Applications can be given to the Membership Secretary at monthly meeting or mailed.

Please make check payable to: **USECA** — Address: **P.O. Box 46331, Mt. Clemens, MI 48046**

(Allow 4-6 weeks for processing.)

USECA reserves the right to accept or reject New or Renewal Memberships.

Local Area FM Nets

DAY	TIME	CLUB	FREQ.
SUN	1:00 pm	USECA/Information	147.180
SUN	7:00 pm	USECA/Youth	147.180
SUN	8:00 pm	USECA/Traders/Helpers	147.180
SUN	9:00 pm	HPARC/Info	146.640
SUN	9:00 pm	Garden City ARC	146.860
SUN-SAT	10:15 pm	S. E. Michigan Traffic Net	145.330
MON	7:30 pm	SATERN	147.180
MON	8:00 pm	MECA/Info	147.200
MON	8:00 pm	GMARC (PL 123)	443.075
MON	9:00 pm	USECA/Morse Code Class	147.180
TUE	9:00 pm	Motor City Radio Club	147.240
WED	9:00 pm	ARPSC/Info	145.490
THU	8:00 pm	RACES/ARES	147.200
THU	8:30 pm	LCARC/Info	147.080

VHF PL'S — 100 Hz

On The World Wide Web

USECA Home Page

WWW.USECA.NET

Local HF Nets

DAY	TIME	CLUB	FREQ.
MON	7:30 pm	LCARC/15 Meter CW	21.165
MON	9:00 pm	LCARC/15 Meter Phone USB	21.395
WED	7:00 pm	USECA/6 Meter Phone USB	50.150
THU	7:30 pm	LCARC/10 Meter Phone USB	28.435
THU	9:00 pm	USECA/15 Meter Slow CW	21.140
FRI	10:00 pm	USECA/80 Meter CW	3.720

Listings in **BOLD** are USECA club nets, but ALL ARE WELCOME!

Net Ops Schedules

2-METER NETS

	SUN. 1 PM	SUN. 8 PM**
WEEK	147.180 MHz	147.180 MHz
1	VA3IDJ	W1IK
2	KT8F	KC8WXF
3	-OPEN-	W8RIT
4	-OPEN-	WN1B
5*	WB8E	KW8Z

*If applicable.

NCO's—If you're unable to take your net please get a replacement or contact Brian, KC8DIR (586) 749-4561—Don't wait!

USECA

UTICA SHELBY EMERGENCY COMMUNICATION ASSOCIATION, INC.
P.O. Box 46331 • Mt. Clemens, MI 48046

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MARCH 2005

"The Happenin' Club"

Club Activities

MONTH	DATE	TIME	EVENT
MAR	8	7:30 pm	General Meeting
APR	12	7:30 pm	General Meeting
MAY	1		WalkAmerica—Metro Beach
MAY	10	7:30 pm	General Meeting
MAY	14		Pre-Field Day
MAY	20-22		Dayton Hamvention
JUN	14	7:30 pm	General Meeting & Fox Hunt
JUN	24-26		Field Day 2005
SEP	13	7:30 pm	General Meeting
OCT	11	7:30 pm	General Meeting
NOV	8	7:30 pm	General Meeting
DEC	13	7:30 pm	General Meeting

Name Badges

WITH THE *OFFICIAL* USECA LOGO
CONTACT LAURA — (586) 749-4561

Swaps — See Page 6