



USECA EXPRESS



Michigan's Largest and Most Active Amateur Radio Club

UTICA SHELBY EMERGENCY COMMUNICATION ASSOCIATION, INC. Volume 23, Number 7, September 2007

USECA FIELD DAY at Team 80CW

IT'S THE MONDAY AFTER Field Day and I'm tired, whooped. Not only did I do USECA's Field Day, but I had a wedding reception to go to Sunday afternoon. My apologies for not being able to stay and help other stations tear down!

I think FD went pretty well this year in spite of band conditions and the ever-present Murphy factor. Yup, don't think anyone was immune from Ol' Murph this weekend. He definitely reared his ugly head at team-80CW a few times for sure.

To start with, the center support for the 80M dipole was simply too flimsy at the top. The main support was that military fiberglass masting, the 4' sectional stuff, and at the top was a fiberglass telescopic fishing pole thingie. But the top couple sections of that were just too flexy. There was really no way to know that for sure until we erected it. So, down it all comes, the top two pieces were collapsed, and the remaining three sections were deemed stiff enough to hold the balun, coax, and wire.

After helping 40Dig erect their tower, we realized we were now out of alignment with the two dipole end supports; 15CW tower and 40Dig tower. We had to move the whole masting assembly, tripod and guy ropes and all, to a more central location between the 15CW tower and 40Dig tower to assure minimal lateral loading of the delicate fiberglass masting. The move was a success, took a good ½ dozen people or so, but was not without the drama of creaking crunching fiberglass flexing sounds. I thought Pete AA8GK was going to have a heart attack, with his grimacing and wincing!

Well, got the 80M dipole up, and the ends tied off. Things looked good...for a short while. The additional and adjusting and tuning and rearranging of the 40Dig antenna system eventually generated enough 80M wire undulation to cause the telescopic pole at the top of the 80CW military masting to collapse. Fortunately, this wasn't as big a hindrance as first expected. We only lost about 8' of dipole center altitude. The dipole was still significantly higher than last years, and last year Team 80CW managed top QSO count at the 2006 USECA FD. (Initial reports indicate we nabbed that honor this year too. Good job Capt'n Pete!)

The sun had set on the Friday night of Field Day and we had the 80CW station 95% finished. Whew. Miller time! Well, Keystone Light, actually. It was on sale. The lack of QRM (the band) Friday night was actually an interesting change of pace. We huddled around the fire, socializing, relaxing, and swapping FD stories. I guess we kinda got used to the band just being there every Friday night for FD, like taking them for granted. To me, QRM not being there for the 2007 FD will only make them more

Save the Dates!

Annual USECA Campout *Ann, KT8F*

Dates: September 21-23, 2007

Place: Algonac State Park

We stay in the Riverfront Area. Will try to arrange a group area if possible—if not, I will provide information soon on sites to choose from.

Camp Friday and Saturday nights, leave Sunday, or whenever. If you do not plan to camp, just show up as guests on Saturday and hang out for the day. Bring your own chair. There will be grills going, so you are welcome to bring your own meat and use a grill. Also, it would be nice to bring a dish to share, so we can enjoy a great feast.

We may have a fish boil, more information will be forthcoming on this, via nets and the website.

It goes without saying, bring your radio and antenna!

Reservation information: 1-800 44 Parks, or website:
www.michigan.gov/dnr

Contact Ann, KT8F or Dennis, W8DFG with any questions.

73.

Next Meeting — September 10

CLUB DIRECTORY

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Photographer	Wes/KD8DHS
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Public Relations Officer	Ken/N8KC (248) 652-1187
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VE Testing	Joe/N8OZ (586) 977-7222
Webmaster	Brad/N8VI (248) 506-7609

CONTROL OPERATORS (*Phone Number Above)

Jim/WY8I	Joe/K8OEF*	Fred/W1SKU
Phil/W8IC	Joe/N8OZ*	Chuck/N8ZA*
Jim/W1IK*	Floyd/W8RO	Tom/N8ZI*

PROGRAMMERS

Dennis/W8DFG	Jim/W1IK	Brad/N8VI
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The Editor is:

Still Going

Joe, K8OEF

We're back! Yep, the same old (entire) editorial staff has returned for another season.

I have little to report, and so much space to do it in. But being a constant listener to the repeater, I heard that the past few months were quite enjoyable—especially Field Day. Wow! What great weather this year. The “Weather Gods” have sure been kind to us. It just couldn't get any better that what was given to us. That makes it two years in a row.

73 for now.



FYI...

Next year's Summer Olympics will be held in China. Eight is one of their favorite numbers—ironically, the games open on August 8, 2008 (8-8-8).

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 Monday 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 VE Testing

Testing will be the THIRD Monday of the month from September thru June. Joe, N8OZ, is the Contact VE. Pre-registration is encouraged. Test fee is \$14.00 cash (exact change only). Examinees need to bring Xerox copies of current license and un-expired CSCE's, if any. There is no copy machine at the test site. Official starting time is 7:00 PM. Walk-ins are welcomed. Test site is at the Mt. Clemens Elks Club (179 S. Main St. in Mt. Clemens). Other VE test sessions can be arranged—contact the Contact VE for details.

WEAVER'S WORDS — WRITE TO SUPPORT HR 462

Dear ARRL member,

Now Is The Time For All Good Hams To Come To The Aid Of Their Radio Service!

All amateurs are urgently requested to write letters to their US Representative. These letters are to ask them to cosponsor HR 462, the current bill in the US House of Representatives that would protect Amateur Radio from interference from unlicensed devices — e.g. various Part 15 devices and BPL. The bill is in Committee and your letter will help move it to the floor of the House.

Your letter and the letters of thousands of other amateurs will be the first step in a series of actions to get this bill passed. Subsequent actions will involve liaison members of the ARRL Legislative Action Program, but we first need to get as many sponsors while it is in Committee as possible. The more letters each representative receives, the better.

To learn the name and address of your US Representative, go to www.arrl.org and click on "Members Only" at the top of the screen. If you have already registered (free) to access Members Only, you will see the names and addresses of your US Representative and US Senators on the left of the Members Only screen. If Members Only does not fully open for you, simply register on the opening screen to use. This will give you access to it.

Mail your letter only to your US Representative. Do not mail it to either of your US Senators. The bill is only in the US House of Representatives and not in the US Senate. We are working to have a bill introduced in the Senate, later.

I have pasted a draft letter for you to use, below. Please copy the letter and add the name and address of the Representative. Also add your name and address.

Modify the letter to personalize it if you have time, sign it and send.

Each time we discuss sending letters to Congressmen, several people offer suggestions on how this should best be done — by US Mail, FAX, e-mail, to the Washington, DC office, to a local office, etc. The answer to the best way to get mail to them depends on the individual. I will leave it to you to determine how you wish to send the letter.

The main thing is to send it . . . and to do this fairly soon.

Also, if possible, please send a copy of your letter to Dave Sumner, K1ZZ, 225 Main St., Newington, CT 06111 or to k1zz@arrl.org. Why? These copies are forward to our representative in Washington who uses them as proof that the "voters back home" are interested in the bill.

Thanks.

Jim Weaver, K8JE, Director
ARRL Great Lakes Division

The draft letter is:

The Honorable _____
United States House of Representatives
_____ House Office Building
Washington, DC 20515

Dear Congressman/woman _____:

On behalf of nearly 700,000 federally licensed Amateur Radio operators across the nation, I wish to bring to your attention an issue that affects emergency communication operations. As a voter in your district, I request that you become a cosponsor of H.R. 462, and support its passage within the House Energy and Commerce Committee, Telecommunications and the Internet Subcommittee. This is the "Emergency Amateur Radio Interference Protection Act." This bill urges the Federal Communications Commission (FCC) to conduct a very targeted but comprehensive evaluation of "broadband over power line"; (BPL) systems that may interfere with public safety and other licensed radio services.

BPL utilizes electric power lines as conductors of broadband signals. Unfortunately, because power lines are not shielded, they also act as antennas and radiate signals into the air. These radiated signals interfere with radio receivers tuned to the same frequency range. BPL is deployed only to a very limited extent, but amateur radio operators and several state public safety commissions report they are already experiencing severe interference that the FCC has been unable or unwilling to correct.

Because the amateur radio service needs no infrastructure for it to communicate, it is the only 100 percent fail-safe emergency communication system in the world. Interference from BPL emissions is significantly disrupting this capability.

—Continued on Page 6

USECA Meeting Minutes

Board Meeting—June 4, 2007

In attendance:

N8ZA, Chuck	President
N8VI, Brad	Vice-President
KT8F, Ann	Recording Secretary
*KW8Z, Ken	Membership Secretary
W8DFG, Dennis	Treasurer
*WB8E, Walt	Board Member
N8OZ, Joe	Board Member
N8ZI, Tom	Board Member
W1IK, Jim	Past President
*Absent	



Meeting called to order by the President at: 7:39 PM.

Motion to accept the minutes of the last BOD meeting made by Jim, W1IK, supported by Tom, N8ZI, motion carried.

Membership: Ken, KW8Z – absent, no report.

Treasurer's report provided by Dennis. Motion to accept made by Ann, KT8F and supported by Brad, N8VI, motion carried.

Website: Brad, N8VI – section added on the Bramble, more info to be added on Field Day. Will put info on the website regarding our raffle for the ICOM radio.

Express: Joe, K8OEF – no report.

Technical: Jim – no significant report. Digital photos to be taken of the main site. New controller equipment to be purchased online soon.

Trustee: Dennis W8DFG – reported on the June MARC meeting. Reminder to members to avoid quick-keying, wait for the courtesy beep before transmitting.

Field Day: Ray, N8UY – currently 17A. Handout provided listing stations signed up for and needs.

Old Business:

Larry, W8SOX will be doing club QSO cards.

Field Day Kitchen: Dennis – described the plans for the meals.

Swap: Tom, N8ZI: no report.

New Business:

Dennis – discussion regarding the food requirements for the June General Meeting following the foxhunt. BOD approved expenses for the food.

Discussion regarding the Fox Hunt.

Ray, N8UY will be in charge of the ICOM radio raffle tickets.

Motion to adjourn the meeting made by Dennis and 2nd by Brad, N8ZI motion carried, meeting adjourned at: 8:39 PM.

Respectfully submitted,
Ann Manor, KT8F
Recording Secretary

General Meeting—June 11, 2007

In attendance:

N8ZA, Chuck	President
N8VI, Brad	Vice-President
KT8F, Ann	Recording Secretary
KW8Z, Ken	Membership Secretary
W8DFG, Dennis	Treasurer
WB8E, Walt	Board Member
N8OZ, Joe	Board Member
N8ZI, Tom	Board Member
W1IK, Jim	Past President
*Absent	

Meeting called to order by the President at 7:40 : PM.

Motion made to accept the minutes as printed in the Express made by Ken, KC8ZVA and 2nd by Bob, KZ8N, motion carried.

Treasurer's report given by Dennis, W8DFG. Motion to approve made by Tom, N8ZI and 2nd by Joe, N8OZ, motion carried.

Membership: Ken, KW8Z: 153 members.

Technical report: Per Jim, W1IK – repeater working well. New equipment purchase to be made tomorrow – CAT 1000 Controller.

Website: Brad, N8VI – no report.

Old Business:

Field Day: Bill N8SA gave the current status of Field Day Operations.

See Ray, N8UY to purchase raffle tickets for the ICOM 706 Mark II G. Tickets are \$20.00, and only 100 will be sold. Don't miss out. The drawing will take place at the USECA swap.

The annual June fox hunt started at 8:00 PM. Brad, N8VI and crew were the fox.

Results:

1. Ann, KT8F, Phil, W8IC, and Don, KC8CPT – 29 minutes.
2. Tom, N8ZI, Ed, KD8CXJ, and Mike, KD8EYV – 43 minutes
3. Larry, KI8HJ and Matt, KC8KIR – 58 minutes.

After the foxhunt, a great meal of pizza and pita sandwiches was served at the Elk's club.

Respectfully submitted,
Ann Manor, KT8F
Recording Secretary

(Page reprint from January 2006 Express)

If a Tree Falls in the Forest, And There is No One There to Hear It, Does It Make a Sound?

By Dick Arnold, AF8X

A DIFFICULT QUESTION. There are arguments on both sides that seem to make sense. A similar question could be asked if a ham called CQ and no one was listening...or, and my point, if everyone was listening and no one was transmitting, the band would appear to be dead. Often radio operators check the bands by tuning through and if not hearing any signals, assume the band is dead. Picture this, many operators listening on one particular band and no one touching a

key. Even though propagation is perfect for radio communication, no one is transmitting.

This is a condition where Beacon Stations demonstrate their usefulness. The next time you tune to what sounds like a dead band, dial the beacon station frequency for that band and see if you can hear it. If you can, try a CQ, it may be one of those times when every one is listening and no one is talking. [See the USECA Express, October 2005, Page 5 for the Beacon Transmission Schedule.—Ed.]

Solar Power

By Dick Arnold, AF8X

WHAT COULD SOUND better to a ham than something for nothing? Well solar power is free once you have the equipment to harness it. For those kindred spirits who enjoy operating portable, solar power may solve your battery power problems.

The following information pertains to portable QRP operation.

Solar panels meant to keep car batteries charged during periods of non-use are available from auto parts stores and on the Internet for under \$20.00. They are 12-volt small capacity units intended to trickle charge the vehicle batteries by plugging them into the cigar lighter socket.

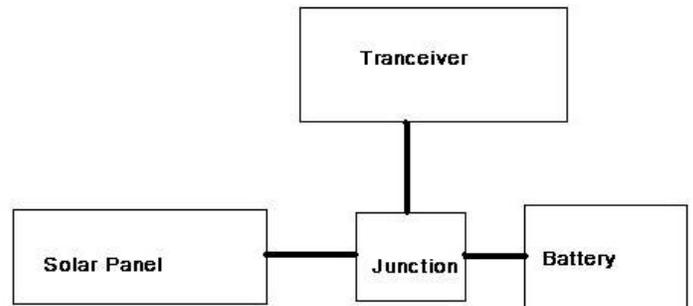
To modify one for my use, I first cut off the cigar lighter plug and replaced it with a DC connector common to all my QRP gear.

I then made up a junction box with three plugs wired in parallel that I could plug the solar panel, radio and battery into, connecting all together.

The enclosed diagram illustrates what the picture was intended to show.

Most large capacity solar systems use a charge controller to keep the batteries from being over charged, but with a small capacity solar panel it is not necessary. I have been using this configuration for two years and have never experienced any problems with it. Be advised not to try to operate the radio using the solar panel alone. A battery must be connected in line. The battery acts as a buffer and voltage regulator and is a necessary part of the system.

I have used Gel cells, NiCds and NMh batteries with good results.



Weaver's Words—From Page 3

The impact on emergency communications extends beyond amateur radio. Fourteen states utilize a similar frequency range for state police operations. Nine of these states use it as their primary radio band. The interference concern has also been echoed by the National Association of Broadcasters (NAB), the Association of Public-Safety Communications Officials-International (APCO), and the National Public Safety Telecommunications Council (NPSTC).

In deploying broadband, it is vital that further understanding and causation of interference be studied by the FCC. H.R. 462 will accomplish this goal, by allowing the FCC to ascertain what additional rules governing BPL systems, if any, should be adopted by the FCC in order to reduce the interference potential to a reasonably low level. The FCC has authority to study this issue, as it is the primary agency responsible for adopting rules in BPL systems. Unfortunately, the 2004 rules governing BPL are not sufficient to reduce the probability of harmful interference to reasonable levels. This non-controversial study language was included as part of H.R. 5252, the Communications Opportunity, Promotion and Enhancement Act (COPE) of 2006.

Amateur radio operators, like me, are not opposed to broadband services. On the contrary, we usually tend to be early adopters of new technology. However, BPL represents a significant potential interference source for radio services using certain frequency ranges. Unlike BPL, other methods of providing broadband Internet services to consumers, such as cable, DSL, wireless and Fiber to the Home, do not pollute the radio spectrum.

It is imperative that there is a comprehensive evaluation of the interference potential of BPL to public safety services and other licensed radio services. The potential impact on public safety communications must be taken into consideration. Please cosponsor and support passage of H.R. 462, or support its inclusion in a comprehensive broadband bill. Thank you for your attention to this matter.

Sincerely,

Name, Title, Contact Information

(Reprint from January 2006 Express.)

Polarization

By Dick Arnold, AF8X

Wonder why you can't hear the net control station and yet hear others on the net at longer distances?

Most of you have probably had the experience of looking through polarized sun glasses.

Light reflected from surfaces like a flat road or smooth water is generally horizontally polarized. This horizontally polarized light is blocked by the vertically oriented polarizers in the lenses. If you turn your head sideways the glare is passed through the lenses.

Polarized radio waves can also be blocked to some degree or passed depending on the configuration of the transmitting and receiving antennas. This condition is not found in DX transmissions, but in local close in nets, the reception of signals transmitted on a vertical antenna will be greatly degraded by a horizontal antenna and vice versa.

The chart below shows the ratio of power from like and unlike polarized antennas.

Transmit Antenna Polarization	Receive Antenna Polarization	Ratio	
		in dB	as Ratio
Vertical	Vertical	0 dB	1
Vertical	Slant (45° or 135°)	-3 dB	1/2
Vertical	Horizontal	-∞ dB	0
Vertical	Circular (right-hand or left-hand)	-3 dB	1/2
Horizontal	Horizontal	0 dB	1
Horizontal	Slant (45° or 135°)	-3 dB	1/2
Horizontal	Circular (right-hand or left-hand)	-3 dB	1/2
Circular (right-hand)	Circular (right-hand)	0 dB	1
Circular (right-hand)	Circular (left-hand)	-∞ dB	0
Circular (right or left)	Slant (45° or 135°)	-3 dB	1/2

USECA FIELD DAY—From Page 1

After helping some of the other stations get their towers up Saturday, we started to mentally count down to the big start. For 80CW, it's not that dramatic as we know our band won't really open up until sundown. But we man the station anyway to collect some of the more local station.

Shortly after the start of the contest, I noticed that the noise floor would occasionally go quiet. After a while, I also noticed the auto-tuner light blinking during these times. Great. We've got an open or a short somewhere in the antenna system! Arg! Good thing we were at QRP levels. Thus started the wiggle fest, moving coax and connectors around trying to see where the open or short was. Finally narrowed it down to the jumper used for the ICE filter. Replaced it. Then, the problem returned. Arg! Now I feared the worst, would we have to drop the 80M dipole? Incredibly, believe it or not, was the jumper again! Lesson learned. Bring good tested verified coax jumpers! Third time was the charm, the short never returned.

Next Murphy issue...we're trashing 40Dig. Sigh. Now, what to do? Bill N8SA did his best to help us ground our station, and even set up a ¼ wave ground counterpoise. No go. 80CW was still wiping out 40Dig. Before we got on the air, we had a feeling this might occur as one dipole end was quite close, essentially amid, the 40Dig antenna array. It was decided by the Field Day Czar (N8SA) that we should move that one dipole leg off in a different direction, and tie it off to a mast that he had. I didn't have high hopes for that as the dipole would still be fairly close to the 40M array, but it ended up working out great! Hats off to Bill for finding a good solution.

I went back to whackin' and stackin' the Q's as the band seemed to be trying to open up early. Took a short break for dinner, then handed off operations to Pete just before midnight with almost 130 QSOs in the books. Off to home for a few hours of sleep.

Came back early Sunday to relieve a bleary-eyed Pete, with Jim helping to log. We continued pounding brass thru the sunrise hours and added on about another 25 Q's. Then Jim and Joe took over for an hour or so and clocked another 10-ish Q's, while Pete and I slowly started packing up. Pete also had a Sunday afternoon obligation and had to scam.

The station was officially turned off just after 10am when the band went (essentially) completely dead; excepting a few local ground wave stations, dupes, still trying in vain for dx on a dead band. Team 80CW made 235 80CW Q's this year. Considering the couple-few

hours of down time we had due to interference-related issues and antenna zip code changes, not too bad at all. We were only 40 odd QSOs down from last year, which isn't too bad for being smack dab in the middle of the 11 year solar cycle's minimum. Next year we hope to break back into the 300's where 80CW belongs!

I drove home Sunday with CW ringing in my ears. I tried to copy the faint signals hidden in the road noise on the way home, from the wind noise in the dining room ceiling fan, and the reception crowd noise. It's a strange phenomenon, this post-FD phantom Morse code. When you work a CW contest like that, it really peaks your copy skills. You try to copy weak signals out of every white noise you hear!

I apologize to those who came by while I was op-ing, and I waved them off. Hope I didn't offend you, but when it comes to FD, I'm focused. And if I'm in the driver's seat of the station, "driving" gets all my attention!

Thanks to all of you fellow radio-heads that participated, and especially to you guys who helped out at Team 80CW: Barb, Joe the tester guy, Jim the rare DX, Michael the out-of-towner, Joey, any one else I forgot, and especially anyone who showed up between midnight and 7am to help Pete op es log!

Big tip o' the hat to the kitchen crew, too! Good eats, as always. Much appreciated. Kudos!

And...no thanks to those that simply showed up and "sponged" off the club. You know who you are. Nothing pisses me off more at FD than watching the hard workers and doers be distracted by the chat-o-holics and the hands-in-pants stand-around der-der-der guys. Even being trashed by 40Dig doesn't get me nearly that upset. If you show up to FD, help out. Do something. You can socialize and help out at the same time.

There are SO many ways one can participate or help out at FD and be part of it all. Check on the station ops and loggers to see if they need a coffee or drink. Pick up field litter that got blown around. See if you can log some Q's to give someone else a break. Check all the guy ropes to assure they're not unraveling. Look for coax runs or guys that need caution tape.

And the number one category where your help is the most appreciated...TEAR-DOWN, after the contest is over! Everyone's whooped, many stayed up all thru the night, and a fresh energetic tear-down helper is a welcome sight indeed!

Do your share! Help your club! Be part of something BIG!

See ya next year, same time, same place!

72 [sic] de WY8M

USECA Swap — Sunday, October 28

USECA Cork Board

Radio Items

[None]

Miscellaneous Items

SONY Trinitron Multiscan E540 21" CRT Computer Monitor with manual; like new; 2 years old. \$125. Contact Joe, K8OEF at (586) 781-0050.

★New or changed this month.

Please notify the editor to have item(s) added and/or removed.

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

Name Badges

WITH THE OFFICIAL USECA LOGO

CONTACT LAURA — (586) 749-4561

★FOR SALE

CUSHCRAFT R5 -- 10-12-15-17-20M HF vertical ant., details at: <http://www.cushcraft.com/support/pdf/r5.pdf> , works great, looking to upgrade; \$100.

ELECRAFT K1 — four-band version with ALL internal options, presently set up for 15-20-30-40M, digital display, menu options, XIT/RIT, amazing auto antenna tuner, noise blanker, 3-stage cw filter, built-in battery pack, built-in speaker, internal/external power switch, original box and assy manual, color-matched Palm Paddle key affixed with spare key base and extra cord, will include small padded carrying case and bnc adaptor, looks/works great; \$600- firm - OR - trade K1 + \$\$\$ for TS-2000.

Kenwood TR-2500 -- 2M HT, no battery but has cigarette lighter plug battery-pack by-pass thingie, LCD digital display, PL encode board inside, this HT not for sale but free to use for a month for any newly licensed ham radio operator who needs a temporary rig!

Heathkit SW-7800 – short wave receiver, AM/SSB/CW 150kHz-30MHz, base station model, built-in power supply, digital LED display and analog S-meter, front-firing built-in speaker, headphone jack, three antenna ports; \$150.

Philips TrenchMOS FET – BUK9508 55A N-channel enhancement mode FET transistors, 55 Vds at 125 A (Id), TO220AB case, have 30 of them in an anti-static sleeve, eBay sells for \$2.55; Buy whole sleeve for \$40.

American Electrola DXC-100 – rare tabletop radio, only 2000 ever made, all solid state, all American made with only American components, the last USA-made consumer SW radio actually made in the USA, HF receiver up to 30 MHz + FM '3M' band, AM/FM/SW, digital LED display, direct entry keypad, wooden case, front firing speaker, large internal wire loop antenna, long telescopic antenna, ext. jack, power supply, original owners manual; \$95.

TrippLite PR-40 – DC power supply, 13.8VDC, 40A, no meters, ¼" lugs on back; \$100.

Power Supply – switching PS, 12-15 VDC, 16A, works, you wire it up; \$20.

Sprague Model 500 – Interference Locator, apparently used by some clever hams as an SWL rig, receives 550kHz to 220MHz, has a phono jack output, external power jacks, still has original Burgess batteries (no leaks) and antennas in the removable lid; \$75.

Optimus 33-3021 – Uni-Directional Microphone, black, on/off switch, cord; \$20.

ElectroVoice 634A – microphone, short cable; \$5.

Archer Video Selector – Radio Shack Cat# 15-1261, has 7 F-connectors on the back, couple switched up front; \$5.

Archer Special Effects Switcher -- Radio Shack Cat# 15-1274, 110V; \$5.

Heathkit Assembly Manual HX-10 – good condition, appears complete; \$10.

Heathkit Manual Deluxe SWL Receiver GR-54 – poor condition, may be complete; \$5. — **Heathkit 1984 catalog** – good condition; \$5.

Micronta Power Supply -- Radio Shack Cat# 22-124, 12VDC, 2.5A, manual; \$10.

Realistic WX Radio -- Radio Shack Cat# 12-156, pocket weather radio, built-in telescopic antenna; \$10.

BUD Filter LF-601 – variable low-pass filter, SO-239 PL-type connectors, 5 adjusters; \$20.

Meissner 15-7510 – "Wave Trap" (filter), 6Mc to 13Mc, for ladderline; \$10.

Optimus AM/FM -- Radio Shack Cat# 12-794, pocket radio, works; \$5.

Adaptor – RCA-style to PL style (SO-239), have a few; \$1.

Dummy Load – "twin tower" dual massive ceramic resistors, looks like 50+W easy; \$15.

NEC Computer Monitor – model XV17+, 17" color, works; \$50.

1N3085 – huge 100V 150A recovery diodes, have one left; \$10/each.

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.

Wall Warts – various voltages, email with needs; \$2- to \$5.

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; \$5.

K40 -- 10/11M base-loaded antenna with SS whip, no base for it just antenna; \$5.

Regency CB-501 -- 40 ch CB radio, with mic, "as is"; \$5.

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

USECA APPLICATION



Rev. 9/06

DATE _____ NEW RENEWAL MAIL PRINTED NEWSLETTER
 CALL _____ CLASS _____
 NAME _____
 STREET ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 TELEPHONE # _____ PRINT # IN ROSTER NO
 BIRTHDATE _____ EMAIL ADDRESS _____
 MEMBER: **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 — Mail Printed Newsletter, ADD \$10.00

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	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
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/DESCRIPTION	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 CW	21.140
FRI	10:00 pm	USECA/80 Meter CW	3.570
FRI	11:00 pm	USECA/10 Meter Phone USB	28.425

Net Ops Schedules

2-METER NETS

	SUN. 1 PM	SUN. 8 PM**
WEEK	147.180 MHz	147.180 MHz
1	-OPEN-	W1IK
2	KT8F	N8EB
3	-OPEN-	N8ZI
4	-OPEN-	KW8Z
5*	WB8E	-OPEN-

*If applicable

**Traders/Helpers Net

NCO's—If you're unable to take your net please get a replacement or contact Keith, N8EB (586) 777-6751—Don't wait!

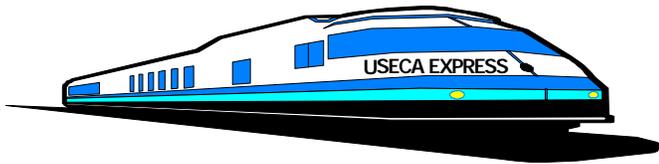
Listings in **BOLD** are USECA club nets, but ALL ARE WELCOME!

USECA

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

PLACE
STAMP
HERE

FIRST CLASS MAIL



The USECA Express
Heading Your Way!

SEPTEMBER 2007

"The Happenin' Club"

Club Activities

MONTH	DATE	TIME	EVENT
SEP	10	7:30 pm	General Meeting
SEP	17	7:00 pm	VE Test Session
SEP	21-23		USECA Campout
OCT	8	7:30 pm	General Meeting
OCT	15	7:00 pm	VE Test Session
OCT	28	8:00 am	USECA 22nd Annual Swap
NOV	12	7:30 pm	General Meeting (Nominations)
NOV	19	7:00 pm	VE Test Session
DEC	TBA	7:00 pm	USECA 20th Annual Christmas Party
DEC	10	7:30 pm	General Meeting (Elections)
DEC	17	7:00 pm	VE Test Session

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