



U.S.E.C.A. EXPRESS



Michigan's Largest and Most Active Amateur Radio Club

UTICA SHELBY EMERGENCY COMMUNICATION ASSOCIATION, INC.

Volume 14, Number 6, June 1998

TRASH-FOR-CASH ☺ FIELD DAY

TRASH-4-CASH
June 7

*You are cordially invited
To attend and participate at
USECA's Annual
Field Day Event*

June 27 and 28, 1998

Romeo, Michigan

Food and Drink will be available

Please bring a dish to pass

Plenty of parking

Information & Talk-in

on 147.180 MHz



(810) 268-6730

Field Day '98

Scott, KG8IE

GUYS AND DOLLS—it's getting close to Field Day and we are still looking for some more people to help with some of the station chairs. We still have the offer of THREE, count them 3, TNC's that are capable of doing HF digital modes and this will count as a station this year.

I know there is a lot of people out there that are interested in running a station, but maybe a little afraid to try, I know I was, but trust me, it is well worth the effort to try. There is always a lot of work to do on Field Day weekend and if you can only show up for a little while, please try your moral support, it is always needed and greatly appreciated.

There will be another chair meeting held on May 26 at 7:30 p.m. This is the fourth Tuesday of the month. Unless there is any real problems this will be the last meeting until Saturday at lunch on Field Day morning.

So if you think you can run a station or just want to come out and help, you are more than welcome and encouraged to come out to Jim's (N8MCD)—his house is at 30 Mile Rd. and Van Dyke, turn east on 30 Mile Rd. and left at the first street on your left and look to your right, you'll see us. There will be somebody to talk you in just in case so don't fret. Let's try to get top ten again and let's comb the members and fill the open chairs.

Talk to you soon.

FOX HUNT
June 9

NEXT MEETING — September 8

CLUB DIRECTORY

BOARD OF DIRECTORS

President	Dennis Gaboury/W8DFG, (810) 465-7126
Vice President	Nancy Carr/KB8QMS, (810) 749-3383
Recording Secretary	Debbi Cokewell/KB8YYB, (810) 263-0227
Treasurer	Jim Mickle/N8OKW, (810) 677-1667
Membership Secretary	Mark Milby/W8IR, (810) 293-3603
Past President	Floyd Soo/W8RO, (248) 391-6660

ELECTED BOARD MEMBERS

Dave Cunningham/KC8IAQ, (810) 791-2720
Ann Manor/KG8IF, (810) 751-3893
Marianne Mickle/N8TMJ, (810) 677-1667

COMMITTEES

ARRL Liaison	Dave/W8VB
Awards Manager	Ken/KF8RG
Door Prizes	Dina/N8YJL
Editor	Joe/K8OEF, (810) 781-0050
Field Day Chair	Scott/KG8IE, (810) 978-1203
Health & Welfare	Marianne/N8TMJ, (810) 677-1667
Historians	Jerry/K8CFY & Ann/KG8IF
Mailers/Sorters	Ann/KG8IF; Phil/W8IC; & Crew
Net Manager	Dave/KC8IAQ, (810) 791-2720
Photographer	Richard/K8QLM
Program Director	Nancy/KB8QMS
Public Relations Officer	Ken/KF8RG
Refreshments	Phil/W8IC & Marianne/N8TMJ
Repeater Trustee	Chuck/WA8Z
Swap & Shop	Chris/W8ZNT, (248) 541-4623
Technical Director	Doug/N8KND, (810) 558-7729
Technicians	Jim/K8FT & Norm/N8MIV
Trash-For-Cash	KC8FYQ/Gerald (248) 435-5112

CONTROL OPERATORS

Doug/K8DK	Floyd/W8RO	Dennis/W8DFG
Earl/N8OEX	Bill/N8SA	Chuck/WA8Z
Nancy/KB8QMS	Gulliver/WA8VIJ	

PROGRAMMERS

Doug/N8KND	Bill/N8SA	Chuck/WA8Z
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VOLUNTEER EXAMINERS

AA8CY	AA8HF	WY8M	KG8QT	N8SA
WB8E	KG8IE	KA8NDY	KF8RG	W8VB
K8EN	WX3L	N8OEF	W8RO	K8WI

SILENT KEYS

Len Czapiewski/K8DHH	Rick Parady/KB8KLW
Art Sheff/WD8EGV	John Moore/KA8KTV
Joe Lucido/NU8F	John Palmer/WD8LBH
Charles Smith/N8FWF	John Pizzuti/WB8NHT
Clarence Ringo/W8HQO	Harry Young/W8VRW
Joe Steel/KA8IZM	Velma Ragon/N8YVC

CLUB HOTLINE: (810) 268-6730

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

N8AWV <i>h</i>	N8HCT <i>fc</i>	WB8OSF <i>h</i>
KA8BDG <i>c</i>	KA8IZM <i>fc</i> SK	K8QLM <i>fc</i>
N8BK <i>h</i>	KA8KTV <i>fc</i> SK	WB8QNI <i>c</i>
N8FDN <i>c</i>	G. Manquardt <i>h</i>	KA8VYV <i>h</i>
N8FNO <i>fc</i>	WD8MFN <i>fc</i>	WA8VZZ <i>c</i>
J. Haubner <i>c</i>	WD8NHT <i>fc</i>	

The Editor is:

Still Going

Joe, K8OEF

June—It's vacation time. The *Express* will take its annual two-month vacation and will return in September. Make your plans accordingly. It may be touch-and-go for the Election Night '98 event; but since it takes place in August, you'll have to stay tuned to the repeater for updates.

Speaking of plans . . . mark your calendar for December 11, 1999 (that's right, 1999). That is the date you won't want to miss; this will be USECAs Christmas/Millennium party!

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Itchin' fer' Field Day!

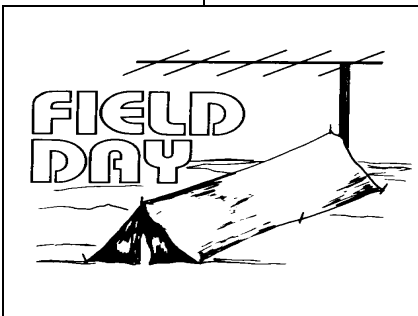
Ken, KF8RG

Once again, it's that time of year—Field Day weekend (June 27-28) is almost upon us (only weeks away now!). Are you prepared? Are you psyched up? Can we make the "Top Ten" once again? Will the weather cooperate once more this year? Will the bands be open? This is **USECA's premier** event of the year—come on out, bring a friend, and get the answers to these questions and more at **USECA's annual FIELD DAY!**

During the week or so prior to Field Day, help will be needed in cutting the field at Jim's place and general preparations on-site (volunteers for mess tent repairs, call Stan, N8YWS—repairs are *generally* done the weekend prior to Field Day). Monitor the repeater for calls for volunteers. Friday, June 26th, is set up day—we'll need plenty of strong backs to help in setting up the kitchen and tents, hookin' up power and water, and getting our Field Day site ready for the following day's invasion.

Friday night starting about 8:00 p.m.—Join in the fun with **USECA's** own all-Ham Rock Band, "QRM," as we rock into **USECA's** 1998 Field Day weekend. Bring your own "adult beverages" and party till midnight or later! (Those of you who wish to play with "QRM," please check with the band to make arrangements).

Field Day Station Chairs: If your field day station is not *fully* prepared by now, you'd better get serious. Be sure to have plans for a replacement rig (you never know when one will lose its "Magic Smoke"), a backup antenna, and a way to get all your gear to the Field Day site and set up. Reconfirm now, those generous offers of assistance and equipment made months ago. Check out your tower or other antenna support now to save frustration and delays on-site later. The use of quality *bandpass* filters (not high/low pass) is a **must** for *every* station (excepting Novice/Tech, which should use a manual tuner)! The use of these filters will greatly reduce receiver front-end overload, any unwanted harmonics, and vastly enhance the performance of your Field Day station. If you don't have one for your band of operation, ask around, or buy one. I.C.E. (Industrial Communications Engineering) makes 'em at a very reasonable price; (plans for building your own are in the ARRL's May QST). Since we're operating on batteries once again, be sure to have several available, *fully* charged and watered, rigged for easy transport (handles!). (RV or "deep cycle" batteries are vastly preferred. Gel Cells and garden tractor batteries *will not* perform as well nor last as long!) Be sure you have operators lined up for round the clock operation—this is a contest and no station should cease operation unless contacts can no longer be made. *Every* point counts!



Field Day Attendees:

Remember These Rules For Jim's Farm!

Ken, KF8RG

NO GLASS at the Field Day site! Broken glass anywhere on Jim's (N8MCD) property can CRIPPLE or MAIM his animals. I doubt he'd be very receptive to our using his farm again in the future if that was to happen. If you see someone with glass containers, **STOP** them and ask them to leave 'em in their car! Bring your beverages in cans or in kegs (Arpad style!).

CHILDREN: if you bring 'em, keep 'em on a short leash! We've had some very near misses with expensive gear in the past. USECA's Field Days have always been a family affair, but keep in mind that a field full of towers, steel stakes, trip hazards, and wires is a hardly an ideal playground for your child. Keep 'em out of the barn!—although the animals are cute, they can and do bite.

The **BARN**, the **HOUSE**, and **PHONE** are **OFF LIMITS** except for those with Jim's *explicit* permission. Keep in mind this is his home and property, not USECA's. Use the Porta-Johns provided by the club in the field.

VEHICLES: please, **NO DRIVING IN THE STATION AREA!** Any rain at all can quickly turn the field into a quagmire when mixed with vehicles driving around. Only vehicles dropping off equipment or trailers will be allowed into the field. Keeping traffic out of the station area greatly enhances the safety of our Field Day as well. Parking will be provided in front and to the side of Jim's house. Please be considerate of others and park in such a way as to allow other cars to move if necessary. If you park on Powell Road you risk a ticket.

FIRES: **NO OPEN FIRES** allowed . . . please be very careful with lanterns, torches, and candles. We've had a couple of close calls in this category as well. **KEEP A FIRE EXTINGUISHER HANDY!**

June's Contest Corral (from the pages of QST)

- 6 QRP Tactical Contest
- 13-15 ARRL June VHF QSO Party
- 20-21 All-Asian DX Contest (CW)
- 27-28 ARRL Field Day
(will we be Top Ten Again?)

Did you make a few contacts in an ARRL contest? Send your comments to: ARRL HQ, 225 Main, Newington, CT 06111

MS150

Volunteers Needed*George, KC8CHE*

Volunteers are urgently needed to provide communications on the two meter band for two Multiple Sclerosis Society Bike Tours.

One bike tour, the MS150, will begin on Saturday, July 11, 1998 at the Oakland County Springfield-Oaks Park near Davisburg and the route will be to East Lansing and then return on Sunday, July 12, 1998.

We are requesting that you consider volunteering for both days of the MS150. Your overnight lodging at MSU, dinner, and breakfast will be provided free of charge.

The other MS Bike Tour will be on Sunday, July 12, 1998 and will start and finish at Springfield-Oaks Park. The routes will be either 35 miles or 65 miles long and with a separate mountain bike course. Most of the route will lie to the West and North of the park.

These bike tours have had 850 to 1,000 cyclists in the past and have collectively raised more than \$500,000 annually for MS research and service programs.

To volunteer your time or if you have any questions about the events, please call: Jim Heyl, N8QMD, Amateur Radio Coordinator, (313) 963-2300 (office); or, (248) 393-2828 (home, 6:00 p.m. -11:00 p.m.).

Please don't delay! Make a commitment! call the Amateur Radio Coordinator as soon as possible so all staffing details can be completed.

Thanks!

**FIELD TRIP****Hammond Museum***Floyd, W8RO*

The USECA Field Trip to the Hammond Museum of Radio in Guelph, Ontario, Canada is scheduled for Sunday, June 14, 1998 (Flag Day). The scheduled time of departure is 8:00 a.m., with the departure location TBA. If there is sufficient participation to warrant the chartering of a bus for this trip, we will certainly consider it. Arrival in Guelph will be approximately lunch time! (Convenient, huh!?) There will be a guided tour of the museum, with sufficient time for everyone to look around and possibly operate a station or two. Departure from Guelph will be 4:00 p.m. with plans to be back in the Detroit area by 8:00 p.m. Anyone wishing to sign up for this trip must contact Floyd, W8RO, by the 5th of June. If there is not enough people to warrant a bus, then we all will have to arrange for car pooling and the sharing of expenses. If the possibility of a bus exists, we will let everyone know before the fox hunt, what the cost will be. The sooner that Floyd knows who will be attending, the easier it will be to plan the travel arrangements. Contact Floyd on the repeater, e-mail (hires@rust.net) or phone/fax (248-391-6660). Hope to see you there!

Mark This Date On Your Calendar!**USECA's Annual Summer Picnic**

Come on out and join us for USECA's annual summer picnic, on Sunday July 26 (9:00 a.m. - 6:00 p.m.), at our new location in New Baltimore's Waterfront Park (by the old water tower, downtown). We'll have great seating for



viewing the Selfridge ANG Air Show in and around the pavilion by the water's edge (bring a scanner and listen in on the show!). USECA will supply the hot dogs, burgers, and roast corn, it's *your* job to bring lawn chairs, radios, and a favorite pass-a-dish along. Come early to get close-in

parking. (there is a dock for boaters, but the harbor is full of old pilings, approach carefully!)

Denise Coughlin (KC8IPF)
Picnic Chairperson



from the desk of the GRAND WAZOO—Dennis, W8DFG

WalkAmerica Metro Beach Site

Dear USECA Members,

On behalf of the March of Dimes many thanks to you, for supporting our Campaign for Healthier Babies. Your willingness to participate is greatly appreciated.

This year's WalkAmerica was a huge success, despite the very high humidity, as always our 1700 dedicated Metropolitan Beach walkers raised nearly \$146,000 for the March of Dimes.

One can never give enough thanks for people helping out. This year is no exception considering the rain we had. Between the walkers and the volunteer workers, people went beyond the realm of donating time to a charitable event.

This year I do believe a few individuals did go that extra little bit. Gerald, KC8FYQ, Charles, KC8KBO, and Jim, W8NG rode carts a good portion of the day, and were soaked. So with this I do believe that there should be a "Golden Sponge Award" for them.

Once again, from one volunteer to a group of volunteers, thank you for your commitment.

Best regards,

Dennis, W8DFG

Tom Robinson, (No Call)

Co-Chairs—Metro Site

A Huge Success:

Pre-Field Day '98

Ken, KF8RG

USECA's 1998 Pre-Field Day (our ninth) at Stony Creek Metropark was once again a roaring success! Although the weather was just a tad cool, we had lots of sun and a great turnout. Unofficially, I'd say there were about 100 in attendance! over the course of the day (not counting at least 5 dogs and one large parrot) and I witnessed *at least* three new hams sign up as members in our club . . . Welcome!

As usual, the food, provided by the members of USECA, was delicious and plentiful! Earl (N8OEX) volunteered once again as our "Grillmaster," roasting weenies and burgers to everyone's satisfaction. Several huge pies and luscious desserts topped off a table covered with every kind of salad, relish, and side dish you could imagine. (I particularly enjoyed the pumpkin dish . . . give Denise the recipe!)

Overall, nine battery powered stations were set up in or near our Stony Creek picnic pavilion during the day, tuning every band from 80 meters to 70 centimeters and everything in between! (Many other clubs can only *dream* of putting this many stations on the air during the "real thing"—Field Day.) While 6 meters remained elusively quiet, 2 meter SSB Chris, (W8ZNT) racked up a number of contacts (even one maritime mobile!) using a "Squalo" antenna (a horizontal 2 meter loop). On HF though, both CW and SSB, things were definitely hoppin'! Paul (AA8OZ) operated 20-10 meter using a Yaesu 900 and a unique homebrew antenna assembled from a metal tape measure (vertical) and 6 toy Slinkies (radials). Jim (W1IK), operated 40-10 meter with an ICOM 706 Mark II and a Cushcraft R-7000 tripod-mounted vertical. Mark (W8IR) brought along his cooler-mounted Ten Tec Scout and worked mostly 20 meter SSB on a military antenna. Dennis (W8DFG) contributed his cooler-mounted MFJ 40 meter CW rig and another military surplus antenna, though Walt (WB8E) did most of the operating. Marilyn (K8PIK) and Jerry (KB8TAS) set up and operated a cooler-mounted 10 meter Ranger and Dipole antenna array. Also operated was a QRP Ten Tec Argosy into a ground-mounted mobile whip. Also on hand, as attested to by antennas in the parking lot, were at least 7 other HF mobile stations—**USECA** is certainly **RADIOACTIVE!**

Of particular note at Pre-Field Day was Phil's (W8IC) effort to get more folks interested in "Fox Hunting" with the demonstration of his various RDF'ing equipment. Several of us tried hunting the "fox" (a transmitter in a camouflaged coffee can, hidden by Joe and Sheena) for the very first time and really enjoyed it, myself included. Perhaps, due to Phil's efforts, we'll see more folks involved locally in RDF'ing—not just for fun but also to pinpoint jammers and local interference.

Congratulations **USECA**, on yet another successful Pre-Field Day! One more example of a growing and vibrant club.

June's Net Notes

Ken, KF8RG

NETS! . . . Boy, do we have nets! Are you aware that **USECA** now has **9** nets weekly? (Sunday International, Monday Slow Code, Tuesday Information, Wednesday 6 meter SSB/6 meter FM, Thursday 15 meter CW, Friday 15 meter CW/10 meter SSB/2 meter Hoot Owl) and . . . don't forget the SATERN net! Talk our nets up on the other repeaters in town—let others know how "radioactive" **USECA** is—it *does* attract new members. No need for a hard sell, **USECA** pretty much sells itself if you can just get 'em to check us out!

AWARDS: Already, approximately 15 people have earned enough netpoints to be eligible for awards. By the looks of things, 1998 is gonna' be a yet another banner year for the awards program. However, the first 1998 Net Awards will not be made until September's general membership meeting. (Sorry! I have yet to design the '98 awards!) A message will be left on the repeater's DVR (MailBox) as to who should attend to receive an award.

A note on manners and net operations . . . for some reason, I seem to be the person people come to when they've got a "*complaint*" about one of our nets. I'll not get into specifics, nor mention names, but, if you've got something to say about the way an NCO runs his/her net, I suggest you take it up with **them!** Complaining to me about how somebody else runs their net seems rather petty and underhanded. Before you go after someone else's operating style though, be forewarned that yours had better be impeccable or you can expect an argument! (I dare say, *none* of us is perfect!) **USECA's** policy has always been that an NCO can pretty much run *their* net, anyway they like, within the bounds of FCC rules—if you don't like the way a net is being run, turn off your radio! (*Trash TV, like "Jerry Springer", wouldn't be on the tube if people weren't watching.*)

Sadly, once again, we bid the "*Express*" farewell as it goes on vacation for the summer, to return in September. The club owes Joe (K8OEF) another round of applause for the fantastic job he does with our award-winning newsletter. Tune into **USECA's** nets and keep an ear to the repeater for info on summer activities.

See ya' in September's *Express*.

P.S. Notices were mailed announcing Pre-Field Day and Field Day to several local papers (Macomb Daily, Oakland Press, Free Press/News, Shelby-Utica News, Tech Center News, and The Source/Advisor papers) as well as the local TV/News Media. Please inform me if you see anything, so I may thank them.

The 147.300 Repeater

The Riley Center Repeater 147.300 is back on the air. Although it is not at its original location in downtown Riley Center, it is located in a northern suburb of Riley Center, Michigan at approximately the same height, with a much shorter feedline.

The site is infinitely more secure than the original location and the coverage may suffer somewhat to the south of 26 Mile Road.

The important thing is—it is back. There may be some work needed in the next few weeks, so there may be some down time until any bugs are worked out.

Thanks for your patience, and thanks to those who helped get it back on the air.

73, K8DD



FRS & GMRS Frequencies

FRS—Family Radio Service

Ch	Freq	Ch	Freq
1	462.5625	8	467.5625
2	462.5875	9	467.5875
3	462.6125	10	467.6125
4	462.6375	11	467.6375
5	462.6625	12	467.6625
6	462.6875	13	467.6875
7	462.7125	14	467.7125

The FRS was authorized on 06 June 96. It uses FM with a peak deviation of ±2.5 kHz. Maximum power is 0.5w ERP. Channels 1-7 are shared with GMRS.

GMRS—General Mobile Radio Service

Base/mobile	Repeater I/P
462.5500	467.5500
462.5625	
462.5750	467.5750
462.5875	
462.6000	467.6000
462.6125	
462.6250	467.6250
462.6375	
462.6500	467.6500
462.6625	
462.6750	467.6750
462.6875	
462.7000	467.7000
462.7125	
462.7250	467.7250

In addition to the station's licensed channel, 462.675 may be used for emergency and traveler's aid by all stations. Interstitial channels (462.xxx5) may be used only in simplex mode with voice transmissions of no more than 5 watts. They are shared with the Family Radio Service.

"What Is Ham Radio?"

Joel Berger, WD6BQD

Amateur Radio is like a lake . . .

A lake is all things to all people. Like the appreciation of beauty, a person's enjoyment of the water is individual. For example, you can be nearby, and enjoy hiking, camping, picnicking, sunbathing, or observing. Or, you can be on the water—sailing, power boating, jet skiing, water skiing, trolling, racing, floating, fishing, either quietly, or loud, bright and visible, or camouflaged.

And you could also be in the water—wading, swimming, diving, snorkeling, spear fishing, or distance swimming using different strokes.

In summary, you can be in, on, or near the water, enjoying hand-made or store bought, self-powered or machine powered, sail or solar powered toys.

Amateur radio, like a lake, is enjoyed in different ways by different people. There is always something for everyone.

We invite you to come down to the lake we call Amateur Radio!



Lower Vanity Fee

The ARRL says it supports the proposed lower fee to obtain a vanity call sign. The FCC proposed recently in its fiscal year 1998 fee schedule that vanity filers would pay just \$12.90 for the ten year term, once the new schedule goes into effect later this year. That's the lowest fee in the history of the vanity program. Originally, vanity applicants paid \$30 for the privilege of selecting a specific call sign. The fee jumped to \$50 in September of 1997, just in time for Gate 3 filers but not in time for Gate 4 filers to take advantage of the \$30 fee.

In comments filed April 22 with the FCC, the League called the wide variation in fees over the life of the vanity program "clearly inequitable" and said the FCC should have handled the matter differently. The League called the proposed \$12.90 fee "reasonable" and urged its adoption "as soon as possible."

—ARRL



Your Password

While my brother-in-law was tapping away on his home computer, his ten-year-old daughter sneaked up behind him. Then she turned and ran into the kitchen, squealing to the rest of the family, "I know Daddy's password! I know Daddy's password!" "What is it?" her sisters asked eagerly. Proudly she replied, "Asterisk, asterisk, asterisk, asterisk, asterisk!"

—Internet

Via The Bureau

Ken, KF8RG

Since the bands have been teasing us with DX lately, and I've been asked several questions on the subject. I thought I'd rehash part of an article I wrote a few years ago about QSLing "via the bureau." It's an easy, though occasionally slow, way of exchanging QSL cards with overseas Hams without the high costs of QSLing direct (often \$1 or more per card, not counting an SASE!).

The ARRL operates two bureaus for American amateurs, one for outgoing QSLs and the other for incoming QSL cards. The *incoming* QSL Bureau is a free-of-charge service that can be used by *any* US ham (after all, service is the ARRL's middle name!), but you *must* be an ARRL member to use the outgoing QSL bureau. Both bureaus are for *DX cards only*, do not attempt to send domestic cards via the bureau, they will be returned, or worse yet, lost.

To use the incoming bureau, you must keep SASEs on file with the bureau that services your call area *according to the prefix of your call*. For instance, if your call is KA2IBE, and you live in Michigan, you would want to keep SASEs on file with the "#2 area" incoming bureau in New Jersey, not the 8th incoming bureau in Columbus, Ohio. SASE envelopes you send to the bureau should be 5" x 7" or 6" x 9", nothing smaller or larger. Affix at least one unit of postage (32 cent stamp) and enclose extra loose

postage inside to cover future postage increases and "heavy" envelopes (*you hope!*). I prefer to send the bureau SASEs with one stamp on each and a check for a few dollars to cover any excess postage with the remainder to be used to fund the bureau's costs. On your SASEs, put your call sign, in large letters, in the upper left-hand corner, in the space you would normally use for a return address. In the lower left-hand corner, number your envelopes consecutively (for instance: 1 of 3, 2 of 3, 3 of 3) so that you'll know when to restock the bureau with more SASEs. If you're an active DX'er you may also consider use of the "credit" system, by periodically sending the bureau checks or money orders for them to purchase postage and envelopes. Once you have SASEs on file, be sure to inform your bureau if your address changes.

To use the outgoing bureau, you must be an **ARRL** member. Simply sort your outgoing cards in alphabetical order by call *prefix*, enclose proof of your ARRL membership (the address label from your last QST), and send along the appropriate dollar amount for the number of cards you wish to send (1 pound of cards is \$4 (about 150 QSLs), less than 10 QSLs = \$1, 11-20 QSLs = \$2, 21-30 QSLs = \$3). Mail your package to the **ARRL** Outgoing QSL Service, 225 Main St., Newington, CT 06111.

The 12 continental US incoming QSL Bureaus are listed below:

W1 QSL Bureau
PO Box 80216
Springfield, MA
01138-0216

W4 QSL Bureau
PO Box 599
Sterling, VA
20167

W7 QSL Bureau
PO Box 555
Portland, OR
97207

W0 QSL Bureau
PO Box 4798
Overland Park, KS
66204

W2 QSL Bureau
PO Box 599
Morris Plains, NJ
07950

W5 QSL Bureau
PO Box 50625
Midland, TX
79710

W8 QSL Bureau
PO Box 182165
Columbus, OH
43218-2165

Hawaii QSL Bureau
PO Box 788
Wahiawa, HI
96786

W3 QSL Bureau
PO Box 100
York Haven, PA
17370-0100

W6 QSL Bureau
PO Box 1460
Sun Valley, CA
91352

W9 QSL Bureau
PO Box 1450
Woodstock, IL
60098

Alaskan QSL Bureau
PO Box 520343
Big Lake, AK
99652

FIELD DAY

IT'S NOT AN EVENT

IT'S A HAPPENING!

E-Mail Directory

N8ABF, Bob: n8abf@msn.com
 N8ARO, Al: allum@mich.com
 K8CFY, Jerry: irish12@juno.com
 KM5D, Eric: km5d@amsat.org
 KC8DBE, Charles: kc8dbe@ees.eesc.com
 KC8DBG, Bill: rwdkelly@aol.com
 K18DD, Ed: ki8dd@i-is.com
 W8DFG, Dennis: wazoo@prodigy.net
 K8FYR, Brent: brenthurd@worldnet.att.net
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 K8EN, Ken: k8en@contesting.com
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 KC8FDQ, Dustin: kc8fdq@juno.com
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 KC8HNO, Pat: e172capt@aol.com
 KC8HYU, Jon: kc8hyu@testprod.com
 KC8IAQ, Dave: kc8iaq@worldnet.att.net
 W8IC, Phil: pamanor@earthlink.net
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 KG8IF, Ann: pamanor@earthlink.net
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 W8JPR, Bill: wa8jpr@juno.com
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 KB8YVB, Debbi: cuer@juno.com
 W8ZNT, Chris: w8znt@yahoo.com

*New/changes from previous.

If you are a club member and would like your address published (or changed) in the Express, send it via e-mail to K8OEF.

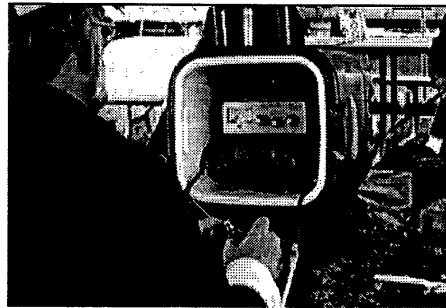


Frequency Reallocation

H.R. 3572 is a straightforward piece of legislation that would require the Federal Communications Commission to provide "equivalent replacement spectrum" in the event the Commission might need to reallocate any Amateur Radio frequencies. As spectrum management is a dynamic (not static) process of continual adjustment and accommodation between various radio services, this measure would maintain the FCC's ability to be an effective spectrum manager while ensuring that the existing amount of amateur spectrum could not be diminished.

—ARRL

Get Radioactive!
And Stay That Way!



Walt, W8BE and his real cooler rig/housing—minus the ice!

"Do I Have It?"

USECA 1998 VHF Net Points As Received By May 11th

Call	Name	pts	Call	Name	pts	Call	Name	pts
WT1K	JIM	53	KC8GUC	LENNY	21	AA8OZ	PAUL	5
WB2C	ANDY	1	KC8GUE	MIKE	40	N8PDP	MICHAEL	14
KA2IBE	JOHN	45	WB8H	GORDY	8	K8PIK	MARILYNN	2
VA3LL	LAURIE	2	W8SHBM	BILL	1	K8PLW	DAN	8
WX3M	MIKE	1	KC8HEG	DEAN	1	N8PNO	DAVE	1
VA3QRM	JOHN	1	KC8HMG	JANICE	65	K8QCU	DOUG	2
VE3SUB	TERRY	1	KC8HJJ	RICH	1	K8QLM	RICHARD	87
VA3TGN	TIM	2	KC8HMM	SAM	19	K8SQMP	BILL	4
VE3TMG	TERRY	1	KC8HMO	SCOTT	3	K8SQMS	NANCY	30
VA3VDF	MARK	1	KC8HMN	STEVE	1	K8QPJ	DAVE	6
VE3VDF	MARK	2	KF8HT	CHUCK	1	K8QPS	DAVE	1
VA3WAC	ALBERT	1	N8HTV	JOHN	1	N8QVX	KEVIN	1
VA3WG	BUD	2	KC8HYU	JON	58	K8QXD	RANDY	1
VE3WGD	BOB	2	N8HZE	KEN	1	K8QYJ	BOB	1
VA3XDN	DAN	2	KC8HZZ	JEFF	1	N8RAR	WAYNE	3
KC4ITU	DWIGHT	3	KC8IA	PEGGY	6	K88RBV	MANNY	6
KE4MTM	MIKE	8	KC8IAP	MARY	79	K88RCB	TONY	1
KA4VQA	LEE	1	KC8IAQ	DAVE	101	N8REZ	MARK	2
KM4SD	ERIC	1	KC8IDG	KEVIN	11	KF8RG	KEN	11
K88AKS	JERRY	1	K88IE	SCOTT	1	N8RGF	ROBERT	1
KC8ARS	HENRY	3	N8IEZ	PAUL	1	N8RHT	RICK	1
N8AVF	BOB	1	K88IF	ANN	26	W8ARLI	RED	1
N8AVY	JIM	1	W88FL	DAVE	9	W88RNO	LYNN	3
KA8BDG	DICK	2	KC8IGY	TOM	1	W8RO	FLOYD	27
KC8BFP	MARK	6	KC8IHO	COLIN	1	N8RRU	JERRY	1
W8BHF	BOB	2	KC8IHK	SHAWN	8	N8RUD	MIKE	1
KC8BMY	JERRY	1	KC8ILO	MIKE	4	N8RUE	EDDIE	8
KC8BRO	SHANE	1	KC8IPE	AMY	3	N8RUH	TJ	5
AB8BT	ANDY	43	KC8IPF	DENISE	1	N8RUJ	ED	2
KC8BXD	HENRY	2	W8IR	MARK	26	N8SA	BILL	7
K8CFY	JERRY	23	W88TB	FRED	2	K8SGJ	MARK	1
KC8CPT	DON	23	KC8ZG	DAVE	7	N8SIH	BETTY	21
KC8DBJ	BILL	35	K8SJC	LARRY	1	W88SIW	JIM	4
AA8DD	BOB	1	W8JEK	BOB	3	K88SUL	DAVE	1
W8DFG	DENNIS	34	KC8JER	TIM	1	K88TAS	JERRY	29
KC8DIR	BRIAN	70	KC8JIA	DON	1	K88TEZ	MATT	21
KC8DPT	TOM	2	KC8JLT	TODD	4	K88TIP	MIKE	1
N8DVO	FRED	4	KC8JMP	JOHN	1	N8TMM	MARIANNE	6
K8DXX	BILL	1	W8JP	JOHN	7	W8TUF	TED	4
WB8E	WALT	31	W8JPR	BILL	13	N8TUH	STEVE	1
KC8EDK	BRIAN	2	KC8JSH	DELPHINE	6	N8TUN	STEVE	2
N8ERV	TOM	4	KC8JTK	BILL	1	KA8UHG	STEVE	7
KC8EZF	GARY	2	W8K	DIANE	1	K88ULS	ROGER	3
KC8EZU	CHRIS	2	W8KC	PAUL	8	K88UM	MURRAY	1
KC8EZW	MARK	6	N8KND	DOUG	1	K88UZT	ELMER	5
KC8FES	MARK	1	K88LFE	JAMES	1	W8VB	DAVE	54
KC8FET	MIKE	1	KC8LYU	JOHN	1	N8VBK	JIM	1
KC8FKY	DON	1	K88M	TOM	1	N8VGB	STEVE	2
KC8FRW	JOHN	41	WY8M	ARPAD	15	N8VLY	JOAN	1
KC8FRY	DON	1	N8MCD	JIM	10	WN8VOT	DAVE	12
K8FT	JIM	2	N8MID	NORM	1	N8VSI	SCOTT	2
KC8FTX	LEO	1	W8MIR	JOHN	9	N8VTF	DON	2
W88FUI	PHIL	6	K88MKA	STAG	2	K88WBV	KEN	2
KC8FXF	MIKE	5	KA8NDY	DAN	12	K88WCN	BRIAN	1
KC8FYP	GEORGE	1	W8NG	JIM	19	K88WVG	LEE	6
KC8FYQ	GERALD	7	N8NMM	TOM	1	K88WH	DAVE	12
KC8GFJ	MIKE	1	N8NQO	BIFF	3	K8WI	BILL	2
KC8GFN	DAVE	4	K8NSR	BOB	1	KA8WII	DENNIS	1
KC8GGS	RICK	1	N8BO	TOM	1	N8WJL	JAY	1
KC8GMT	LORA	51	N8OAE	ERNIE	3	K88WIKI	LORI	2
KC8GNH	KEVIN	3	N8OEF	VAL	25	K88WLR	CHUCK	1
K88GPO	KEN	3	N8OEV	DAVE	12	K88WTR	RICHARD	38
WA8GQL	DAN	5	N8OEX	EARL	1	KY8X	JOE	23
KC8GRP	JEFF	1	N8OKW	JIM	14	KF8XO	JEFF	1
KC8GRZ	JERRY	1	K8OX	RICH	3	N8XOJ	ISAIAH	4

Displayed 208 of 208

Call	Name	pts
K88YBT	JOHN	1
N8YBY	LEN	12
WA8YEO	JIM	1
N8YJI	DINA	11
K88YNY	MCHELLE	1
N8YTV	HARRY	2
K88YX	DOC	56
K88YYA	DREUX	24
K88YYB	DEBBIE	10
W88ZNT	CHRIS	1
N8ZZF	PAT	5
K88ZZZ	LES	4
K9GUY	GARY	2

Top 20 VHF Operators

Call	Name	pts
1 KC8IAQ	DAVE	101
2 K8QLM	RICHARD	87
3 KC8IAP	MARY	79
4 KC8DIR	BRIAN	70
5 KC8HMG	JANICE	65
6 KC8HYU	JON	58
7 K88YX	DOC	56
8 W8WB	DAVE	54
9 W1IK	JIM	53
10 KC8GMT	LORA	51
11 KA2IBE	JOHN	45
12 AB8BT	ANDY	43
13 KC8FRW	JOHN	41
14 KC8GUE	MIKE	40
15 K88IWT	RICHARD	38
16 KC8DBO	BILL	35
17 W8CFG	DENNIS	34
18 W8BE	WALT	31
19 K88QMS	NANCY	30
20 K88TAS	JERRY	29

Top HF operators

Call	Name	pts
1 KC8GMT	LORA	132
2 KA2IBE	JOHN	89
3 K8QLM	RICHARD	87
4 W8RO	FLOYD	73
5 WA8JPR	BILL	50
6 KC8IAQ	DAVE	37
7 K88YX	DOC	36
8 KC8HMG	JANICE	32
9 KF8RG	KEN	30
10 KC8IAP	MARY	25
11 AA8DD	BOB	24
12 W8DFG	DENNIS	24
13 K88TAS	JERRY	18
14 W8IR	MARK	17
15 K8WI	BILL	16
16 K88QMP	BILL	12
17 N8WYO	AL	12
18 W8BE	WALT	12
19 KA8NDY	DAN	10
20 WB8H	GORDIE	10

Database c/o KF8RG (Ken)
Software written by W1UBC (Tom)

See USECA's "Net Point System Explanation" for info on how net points & awards are earned.

USECA Board Meeting Minutes—May 5, 1998

In attendance:

W8DFG, Dennis President
 KB8QMS, Nancy Vice-President
 KB8YYB, Debbi Recording Secretary
 W8IR, Mark Membership Secretary
 N8OKW, Jim Treasurer
 KC8IAQ, Dave Board Member
 KG8IF, Ann Board Member
 *N8TMJ, Marianne Board Member
 W8RO, Floyd Past President
 K8CFY, Jerry Historian
 K8OEF, Joe Express Editor
 W8VB, Dave ARRL Liaison
 *KC8EZU, Chris Swap Chairman
 *KG8IE, Scott Field Day Chairman
 *N8KND, Doug Repeater Technician
 WB8E, Walt; KB8TAS, Jerry; N8SIH, Betty; KC8FYQ, Gerald;
 KC8KBO, Charles
 *Absent

The meeting was called to order by the President at 7:40 P.M.

The minutes of the last meeting were approved.

The Treasurer's report was approved.

Membership: Current membership exceeds 215.

Repeater: Work is progressing on the back up repeater.

Express: Articles will be due at the meeting on May 12, 1998.

ARRL: No report.

Old Business:

Pre-Field Day: Ann, KG8IF, told the Board that plans were completed.

Trash for Cash: Gerald, KC8FYQ, reminded everyone that he is accepting donations.

Field Day: The next station chair meeting will be Tuesday, May 26, 1998.

New Business:

The Foxhunt in June will follow a short al fresco meeting. The gathering after the Foxhunt will be at the Firehouse.

Bill, KC8DBG, was approached by the City of Fraser to arrange a demonstration for their city picnic on July 19, 1998. Bill, N8SA will chair the event.

Christmas Party: Ann, KG8IF, reported that the USECA Christmas Party will be Saturday, December 5, 1998 at Garwood's.

The meeting was adjourned at 8:21 P.M.

Respectively submitted,

Debbi Cokewell, KB8YYB, Recording Secretary



USECA General Meeting Minutes—May 12, 1998

In attendance:

W8DFG, Dennis President
 KB8QMS, Nancy Vice-President
 KB8YYB, Debbi Recording Secretary
 *W8IR, Mark Membership Secretary
 *N8OKW, Jim Treasurer
 KC8IAQ, Dave Board Member
 KG8IF, Ann Board Member
 *N8TMJ, Marianne Board Member
 W8RO, Floyd Past President
 K8CFY, Jerry Historian
 K8OEF, Joe Express Editor
 W8VB, Dave ARRL Liaison

KC8EZU, Chris Swap Chairman
 KG8IE, Scott Field Day Chairman
 N8KND, Doug Repeater Technician
 *Absent

The meeting was called to order by the President at 7:30 P.M.

New upgrades were recognized.

A motion was made by Gerald, KC8FYQ, seconded by Amy, KC8FTW, and passed to accept the minutes of the last meeting as printed in the Express.

The Treasurer's report was presented.

Membership: Current 1998 paid membership is in excess of 220.

Repeater: The West site is progressing. There will be a Tech Committee on May 19, 1998 at Doug's, N8KND, house.

Express: Articles for the Express are due tonight.

ARRL: No report.

Net Manager: NCO's are needed for all nets. Join the fun and see Dave, KC8IAQ, to volunteer.

Testing: Testing will continue to be the first Saturday of each month at the Salvation Army in Mt. Clemens. June will be the last testing before summer.

Apparel: See Delphine, KC8JSH, or Richard, KB8WTH, to order shirts, jackets, and hats.

Old Business:

Walk America: Dennis, W8DFG, informed the membership that even though the weather was inclement, there were 1700 walkers that raised \$146,000. Next year, we will be running a Special Event Station from the Walk America site.

Camping: Dina, N8YJI, reported that we have about 25 reservations for the Memorial Day campout at Lakeport.

Pre-Field Day: Ann, KG8IF, promulgated that Pre-Field Day was very successful with a turnout in excess of 120 people.

Biff, N8NQQ, informed the membership that all the rooms for Dayton are gone.

Field Day: Scott announced that all digital HF chairs still need to be filled. Tent repair will be the weekend before Field Day, volunteers are needed! There will be a station chair meeting on Tuesday, May 26, 1998, 7:30 P.M., at Dave's, W8VB, house.

Denise, KC8IPF, announced plans for the annual USECA Picnic. Sunday, July 26, 1998, from 8:00 A.M. to 6:00 P.M., at the city park in New Baltimore. The club will supply hot dogs, hamburgers and corn. Bring a dish to pass and your non-alcoholic beverage, and don't forget your lawn chairs.

Floyd, W8RO, announced plans for a trip to the Hammond Radio Museum in Guelph, Ontario on Sunday, June 14, 1998. Please sign up with Floyd if you plan to go.

There will be an Election Net meeting at the Salvation Army in Mt. Clemens on Tuesday, May 26, 1998 at 7:00 P.M. Anyone interested is urged to attend.

Swap: Chris, W8ZNT, asked everyone going to Dayton or any other swap to please be sure and take some Swap flyers.

New Business:

Bill, N8SA, will head a committee to plan a radio demonstration to be held at the City of Fraser Picnic on Sunday, July 19, 1998.

George, KC8CHZ, announced plans for the upcoming MS 150 Bike Ride on July 11 & 12, 1998 from Springfield Oaks to Lansing and

—Continued on Page 12

What is El Niño?

El Niño is a weather event involving the eastward migration of a mass of warm water normally found in the western equatorial Pacific Ocean. Periodically (usually every three to seven years), the easterly trade winds in the Pacific weaken and allow the pool of warm water to drift from Australia to the western coast of South America, often triggering heavy rains there. This vast pool of warm water is thought to set off a chain reaction that can affect jet stream and weather patterns around the world, especially in the winter months in the northern hemisphere. El Niño is sometimes referred to as ENSO, for El Niño-Southern Oscillation. The Southern Oscillation is a seesaw of air pressures on the eastern and western halves of the Pacific.

--Internet



Phil, W8IC (left) is wondering where all the food is—but, Dennis, W8DFG has a plate-full.

Revised 1998 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. (NOTE: Check-ins should do so personally, proxy check-ins are acceptable for members on club business. "In & Out" check-ins, though allowed, are discouraged.)
- ✓2) Awards are earned for 50 points and multiples thereof; plaques for the highest annual HF and VHF scores. Awards were designed 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 logs to: 53762 Kristin Ct., Shelby Twp., MI 48316, c/o KF8RG, via packet to KF8RG-1 (145.03 MHz) or KF8RG @ DETIP BBS (144.93) or catch me on the air to pass your list.
- ✓5) If you notice any errors in the database, wrong or changed call signs, misspelled names, etc., let Ken know ASAP.

USECA VE Testing

Examinations for an Amateur License are held the on the first Saturday of each month (except July and August). Starting time is 7:15 p.m. — please do not arrive earlier. Walk-ins are welcomed. Pre-registration is preferred. Test site is at the Salvation Army, 55 Church, 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. For more information and directions to the test site, call Bill, N8SA at: (810) 468-8345; (before 9:00 p.m.).

USECA Apparel

Jackets—\$45.00 • Sweatshirts—\$25.00
 Polo Shirts—\$22.00 • Caps—\$6.00
 (2X & 3X—Additional Charge)
Contact: Richard, KB8WTH
At Meetings or Phone (810) 791-4669

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 Donald Bemis Junior High School, 12500 Nineteen Mile Road (between Schoenherr and Clinton River Road), Sterling Heights, 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. To get a message to the Board or the Membership Secretary, please call our answering machine at: (810) 268-6730. The awards for "Excellent" (1994) and twice "Superior" (1995 and 1996) were received from ARNS (Amateur Radio News Service).

Top 50 Oxymorons

- | | |
|-----------------------------|----------------------------|
| 50. Act natural | 25. Child proof |
| 49. Found missing | 24. Now, then |
| 48. Resident alien | 23. Synthetic natural gas |
| 47. Advanced BASIC | 22. Christian scientists |
| 46. Genuine imitation | 21. Passive aggression |
| 45. Airline food | 20. Taped live |
| 44. Good grief | 19. Clearly misunderstood |
| 43. Same difference | 18. Peace force |
| 42. Almost exactly | 17. Extinct Life |
| 41. Government organization | 16. Temporary tax increase |
| 40. Sanitary landfill | 15. Computer jock |
| 39. Alone together | 14. Plastic glasses |
| 38. Legally drunk | 13. Terribly pleased |
| 37. Silent scream | 12. Computer security |
| 36. British fashion | 11. Political science |
| 35. Living dead | 10. Tight slacks |
| 34. Small crowd | 9. Definite maybe |
| 33. Business ethics | 8. Pretty ugly |
| 32. Soft rock | 7. Twelve-ounce pound cake |
| 31. Butt head | 6. Diet ice cream |
| 30. Military intelligence | 5. Rap music |
| 29. Software documentation | 4. Working vacation |
| 28. New York culture | 3. Exact estimate |
| 27. New classic | 2. Religious tolerance |
| 26. Sweet sorrow | |

And the number one OXY-Moron: Microsoft Works

Bones

Wish Bones—Members who wish others will do all the work.

Jaw Bones—Members who criticize and complain and do nothing to improve the situation.

Knuckle Bones—Members who knock everything others want to do.

Dead Bones—Members who never really pledge and never really join.

Back Bones—Members who get behind the wheel and do all the work.

Every Organization is very grateful for the "Back Bones."

—Submitted by Marianne, N8TMJ

Ask God!

A young man once asked God how long a million years was to him. God replied, "A million years to me is just like a single second in your time." Then the young man asked God what a million dollars was to him. God replied, "A million dollars to me is just like a single penny to you." Then the young man got his courage up and asked: "God, could I have one of your pennies?" God replied, "Certainly, just a second."

—Internet

SELL and WANTS

EPSON Apex Action Printer L1000, 24 pin dot matrix printer. Excellent condition and works beautifully. Comes with tractor feed, as well as plain paper feed; owners manual and software. First \$30 takes it. Call Floyd at (248) 391-6660 or e-mail: hires@rust.net.

ICOM 820H Satellite rig dual band all mode \$900; call: Doug, K8DK; Home: (810) 247-0750; Work: (248) 528-1148.

★SWAN 350 and Swan 250C SSB transceivers with manual; both for \$350. Icom ICW31A dual bander FM transceiver with charger and manual \$250. Code Tutor MFJ 418 with manual \$40. Contact Leo, KC8FTX, (810) 758-4367.

WANTED: Kenwood TS-50S in good working condition. Contact Floyd, W8RO, at (248) 391-6660 or e-mail: hires@rust.net

ZENITH AT compatible 640k memory 2 5-1/4 floppys with keyboard and monitor make offer. INTEL 386 tower with 8 mb of memory 720k floppy and 40mb hard drive with keyboard and no monitor. Make offer. n8erv@tir.com; pager (810) 485-2118; (810)-324-6086.

★New this month. *Notify the editor to have items added/removed.*

The above column is for club members only and it's free!

Still Going—Continued from Page 2

Ken, KF8RG made some minor changes to the Net Point System, hence titled, "Revised 1998 Net Point System." See Page 11.

Each year, a copy of the *Express* is submitted to ARNS (Amateur Radio Newsletter Service) for their annual newsletter contest. Normally we would know by now how we were rated. After some investigating, I learned that one of the three judges became very ill and subsequently the results will not be known until early July. Therefore, the results will be announced in the September edition of the *Express*.

Have a safe, great summer!
73 for now.

General Meeting Minutes—Continued from Page 10

back. Volunteers will be needed, please see George or phone Jim Heyl, N8QMD, at home, 248-393-2828, during evening hours or at work, 313-963-2300, during work hours.

The al fresco June meeting will be followed by the annual Foxhunt.

Pete, N8ZFA, announced the Red Cross Blood Drive on June 22, 1998 from 3:00 P.M. to 9:00 P.M.

Jim, W1IK, reminded everyone that there are only 3 Slow Code Nets left.

Tonight's program will be on direction finding presented by Phil, W8IC.

The meeting was adjourned at 8:14 P.M.

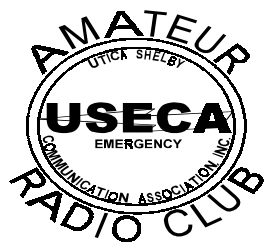
Respectively submitted,
Debbi Cokewell, KB8YYB, Recording Secretary

NAME BADGES

WITH THE OFFICIAL USECA LOGO

CONTACT DEBBI, KB8YYB: (810) 263-0227

USECA APPLICATION



DATE _____ NEW RENEWAL NEWSLETTER ONLY
 CALL _____ CLASS _____ AUTO-PATCH _____
 NAME _____
 STREET ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 TELEPHONE # _____ PRINT IN ROSTER: YES NO
 BIRTHDATE _____ Copy of Current License for USECA File
 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 (Includes Newsletter) Regular: \$20 — Family: \$30

Newsletter (Only): \$8 — 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 1222, Sterling Heights, MI 48311-1222**

(Allow 4-6 weeks for processing.)



2-Meter LANs

Local Area Nets

DAY	TIME	CLUB	FREQ.
SUN	1:00 pm	USECA/Information	147.180
SUN	8:00 pm	SPIRIT of '76/Traders	146.760
SUN	9:00 pm	HPARC/DART	146.640
SUN	9:00 pm	Garden City ARC	146.860
SUN-SAT	10:15 pm	S. E. Michigan Traffic Net	145.330
MON	8:00 pm	MECA	147.200
MON	9:00 pm	USECA/Slow Code	147.180
TUE	8:00 pm	USECA/Information	147.180
TUE	9:00 pm	Motor City Radio Club	147.240
WED	8:00 pm	GMARC	146.700
WED	8:00 pm	SPIRIT of '76/Info./Traders	146.760
WED	8:00 pm	SMART/ARPS	147.140
WED*	9:00 pm	SATERN	147.180
WED	9:00 pm	MICHIGAN QRP	145.170
THU	7:00 pm	HPARC/Kids	146.640
THU	8:00 pm	EDISON/Information	145.330
THU	9:00 pm	ECHO	147.080
FRI	Midnite	USECA/Hoot Owl	147.180

*First and Third Wednesdays Only.

On The World Wide Web

New USECA Home Page

<http://members.home.net/dougk/useca.htm>

Net Ops Schedules

2-METER NETS

	SUN. 1 PM	MON. 9 PM**	TUES. 8 PM	FRI. MIDNIGHT
WEEK	147.180 MHz	147.180 MHz	147.180 MHz	147.180 MHz
1	KG8IF	N8OEF	K8QLM	AB8BT
2	K8PLW	W1IK	-OPEN-	KC8GUE
3	K8QLM	N8OEF	KC8IAP	KC8DIR
4	N8OKW	W1IK	W8IR	KC8IAQ
5*	-OPEN-	N8OEF	KB8YNY	-OPEN-

**Slow Code

HF NETS

	THURS. 9 PM	FRI. 10 PM	FRI. 11 PM
WEEK	21.140 MHz/CW	21.140 MHz/CW	28.425 MHz/USB
1	KC8GMT	KC8GMT	KC8IAP
2	K8QLM	W8RO	KA2IBE
3	KC8GMT	W8IC	K8QLM
4	WA8JP	WA8JPR	KC8IAQ
5*	-OPEN-	-OPEN-	-OPEN-

*If applicable..

NCO's—If you are unable to take your net, please get a replacement or contact Dave, KC8IAQ.

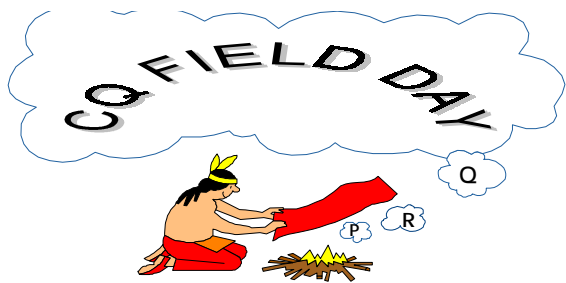
USECA Hot Line: (810) 268-6730

USECA

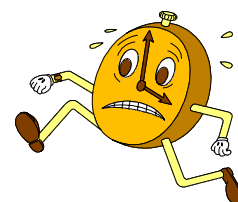
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JUNE 1998



Time's Runnin' Out.
Field Day's Almost Here!

"The Happenin' Club"

Club Activities

MONTH	DATE	TIME	EVENT
JUN	7**		Trash-For-Cash
JUN	9	7:30 pm	General Meeting/Fox Hunt
JUN	14	8:00 am	Hammond Museum
JUN	26-28		Campout—Field Day (27-28)
JUL	4-5		Hang Loose Weekend
JUL	11-12		MS150 Bike Tour
JUL	17-19		*Campout—Xmas in July; Algonac
JUL	26		Club Picnic
JL/AG	31-9		*Big 10-Day Outing (PJ Hoffmaster)
AUG	4	7:45 pm	Election Net '98
SEP	7		Romeo Peach Festival Parade
SEP	8	7:30 pm	General Meeting
SEP	25-27		Western Campout
OCT	13	7:30 pm	General Meeting
OCT	25	8:00 am	USECA Swap & Shop
NOV	10	7:30 pm	General Meeting (Nominations)
DEC	5	6:30 pm	11th Annual Christmas Party
DEC	8	7:30 pm	General Meeting (Elections)

*Group Number 358419. **Rain date, June 21.

Where's The Swaps?

Day	Month	Date	Where
SAT	JUN	6	Grand Rapids
SAT	JUN	20	Midland
SUN	JUN	21	Monroe
SAT	SEP	19	Grayling
SUN	SEP	20	L'Anse Creuse
SUN	SEP	20	Adrian
SUN	OCT	25	USECA

Source: QRV Bulletin & QST

6 METER NETS

	WED 7 PM	WED 8 PM
WEEK	50.130 MHz/USB	51.740 MHz/FM
1	W8VB	KC8IAQ
2	K8QLM	W8VB
3	W8VB	KC8HYU
4	-OPEN-	KC8DBG
5*	-OPEN-	-OPEN-

*If applicable..

NCO's—If you are unable to take your net, please get a replacement or contact Dave, KC8IAQ.