



USECA EXPRESS



Michigan's Largest and Most Active Amateur Radio Club

UTICA SHELBY EMERGENCY COMMUNICATION ASSOCIATION, INC. Volume 16, Number 1, January 2000

ELECTION RESULTS

Our Y2K Board

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Recording Secretary.....	Ann, KG8IF
Treasurer.....	Delphine, KC8JSH
Membership Secretary....	Marianne, N8TMJ
Board Member.....	Dave, KC8IAQ
Board Member.....	Mark, W8IR
Board Member.....	Jerry, N8KLX
Past President.....	Dennis, W8DFG

To the New Board:

Congratulation and Good Luck—we're all depending on you.

Y2K Campouts

Dina/N8YJI

CAMPERS — DAY CAMPERS — HOTEL CAMPERS.

Our first group campout will be Memorial Day Weekend — **May 26-29** at Lakeport.

To make your reservations call 1-800-44PARKS and the group number is 594720. Make them ASAP!

Anyone wanting to camp Easter weekend, **April 21-23** are more than welcome to join us, just get contact me.

Here are the campout dates that we do as a group—I will have the group numbers for everyone by next month.

June 23-25 — Field Day, Romeo. Maybe **June 30-July 4** for the 4th.

July 21-23 — Christmas in July, Algonac.

July 28-August 6 — St. Ignace & Tawas. We're going to do a split week. Friday-Tuesday or Wednesday, St. Ignace — then Tuesday or Wednesday-Sunday, Tawas.

September 1-4 — Tawas or Harrisville. Labor Day Weekend — craft shows.

(?) **September 22-24** — Western, Algonac.

(?) **October 27-29** — Halloween/winterize campers, Algonac.

Make your reservations!

If you have any questions or suggestions, call me at (810) 777-4207.

Thank you.

Y2K Help

Bill, N8SA

I have been tasked with the Y2K standby program at Mount Clemens General Hospital (MCGH). We will be on standby at the hospital, and possibly at a couple of remote locations for about 3 hours New Years Eve.

I expect it to be very quiet, but just in case, we will be there to in-

sure the hospital can safely carry on its mission.

I received an email from MCGH promising a buffet spread for all volunteers—plus the planned Bed Pan Relay (ha) that will help to brighten the evening!

Spend the evening doing something very useful with your skills—bring an HT, spare batteries, a mo-

bile in your car if you have it, and an appetite.

We need about 10 people or more. Limited family members are welcome. Common sense here though as we will be in a hospital—i.e., no small ones—spouses etc. are quite welcome if they wish.

—Continued on Page 12

Next Meeting — January 11

CLUB DIRECTORY

BOARD OF DIRECTORS

President Debbi Cokewell/KB8YYB, (810) 263-0227
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ELECTED BOARD MEMBERS

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 Mark Milby/W8IR, (810) 293-3603
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WW1AW	K8EN	WA8IZV	KA8NDY	W8RO	K8WI
AB8BT	AA8HF	WA8JPR	W8NG	N8SA	KB8WTH
AA8CY	KG8IE	N8KC	N8OEF	N8SN	
KM5D	W1IK	WX3L	N8OZ	W8VB	
WB8E	W8IR	WY8M	KG8QT	WY8W	

SILENT KEYS

Len Czapiewski/K8DHH	Joe Steel/KA8IZM	Harry Young/W8VRW
Art Sheff/WD8EGV	Rick Parady/KB8KLW	Velma Ragon/N8YVC
Joe Lucido/NU8F	John Moore/KA8KTV	John Tomlins/KG8YX
Charles Smith/N8FWF	John Palmer/WD8LBH	
Clarence Ringo/W8HQO	John Pizzuti/WB8NHT	

f=Founder c=Charter h=Hon. Charter

N8AWV h	N8HCT f c	WB8OSF h
KA8BDG c	KA8IZM f c SK	K8QLM f c
N8BK h	KA8KTV f c SK	WB8QNI c
N8FDN c	G. Manquardt h	KA8VYV h
N8FNO f c	WD8MFN f c	WA8VZZ c SK
J. Haubner c	WD8NHT f c	

The Editor is:

Still Going

Joe, K8OEF



A new millennium! Time for change? Not necessarily so, but I'll give it another try. For several years, the *Express* has been looking "blah" and not very eye-pleasing. So, I'll give it another try by using an additional typeface. (Compare this paragraph with the following.) Here is the change of appearance:

In the past, there has been a valid reason to use a sans-serif typeface—this was due to the unsatisfactory results in the reproduction process. So once again, I'll give it a try using a serif typeface and monitor the subsequent results.

Normally the sans-serif typeface is used in tabular matter (i.e., our net points), or in technical manuals. But in newspaper/magazine/book format the serif typeface should be used. So, here we go again. Personally I hope it works out and add a bit of (classic) flavor to our newsletter.

Net Control Operators—Beginning in January, all net points are to be mailed to Jon, KC8HYU. See "Net Point System."

Thanks to Jerry, N8KLX in obtaining a special event call sign for April's Walkamerica—W8A.

Happy New Year and New Millennium! 73 for now.

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Reapin' What Ya' Sow

Ken, N8KC

The other day, I chatted in Morse code with a fella' in California while driving in to work. My end of the QSO was chock-full of excitement about having just having given two successful exams to a couple of Edison employees, both of whom were *very* excited at the prospect of getting their first Ham license (as I left, one was scouring the Web for old tube transceivers). The Californian's end of the QSO was quite the opposite! He explained bitterly, that he *used* to be a Volunteer Examiner, but quit in disgust when they dropped the code requirement for Technicians and then went on and on about his love for CW.

Maybe he felt that if he and enough other fellow VEs refused to give No-Code exams that somehow that would curtail these new licenses from being issued. Perhaps

he thought if he withheld his knowledge of code and ignored them that the new no-code licensees would "go away" somehow. The mere fact that he was on the air with me rules out his having decided to quit the hobby altogether.

How tragic! Because of his "love" of code, he chose to turn his back on the very people he *could* be helping to learn code. By isolating himself from the new code-less licensees, he loses any hope of ever showing them the joys and advantages of the code he *loves* so much. By *not* demonstrating and encouraging the use of code to these newcomers, he fosters the very license he seems to abhor so much. If he's not an example to the new hams and instead avoids contact with them, where does he expect

them to learn about the code he loves?

We truly do reap what we sow—one of the *main* reasons for USECA's amazing success as a club has been it's continual acceptance and encouragement of ALL levels of licensees. Several other clubs in the Metro area have withered to shells of their former selves due somewhat to the "snobbery" factor, while we continue to grow. USECA will continue to grow and prosper as long as we continue to encourage new hams to join in club activities and become involved. As long as we continue to offer a helping hand to the new hams in our midst, encourage them along the upgrade trail, we will remain successful.

From Uncle Sam's Viewpoint

Ken, N8KC

If you're reading this (I'm assuming an early January delivery date), I'd guess it's safe to say the world didn't end at midnight December 31, 1999! The preachers of "doom and gloom" may not be eating crow (they'll just claim to have a new kernel of wisdom about when the end's *really* coming), but we can be content in the knowledge that they surely *will* be eating that six-month supply of C-Rations they purchased beforehand (anybody wanna' buy some cheap camping supplies?)

But what if?

What if the Y2K nuts had been right and many forms of electronic communications *had* failed? Amateur radio operators would've suddenly been the objects of adoration. *Heroes of communication!* How many other wireless or telecommunications service can you think of with the ability to communicate nationwide (and worldwide under the right circumstances) without much

more than a radio, a length of wire, and a car battery? But—*can you?*

Is *your* station ready to run, should the power fail? Now I don't mean that you gotta' have a battery sitting under your shack desk, but do you have *access* to one (or a generator) quickly? Do you have a mobile or portable station permanently set up? If your antenna is taken out in a severe storm, do you have a spare wire antenna that you can erect with little *day*? Being a member of SATERN, SKYWARN, ARES, or RACES may be a step in the right direction, but membership and training alone will not put your station back on the air when it's needed most—*preparation* will. The fact that so many Amateurs are prepared to, and have proven themselves in past emergencies is, I believe, one of the *major* reasons our radio spectrum has withstood repeated assaults from commercial interests over the years.

In years past (especially during WWI, II and the Korean War), the Amateur Radio Service was much more valuable to the Federal government, *not* as a source of frequency-auction funds as now, but as a source of knowledge in emerging technologies (radio & electronics) and as a source of experienced radio operators. I wonder sometimes, after monitoring much of the spectrum we as Hams enjoy today—can they *possibly* still see us in *that same* light? Are we really on top of the latest technology or are we clinging to the past? How many of us have a *real* grip on radio & electronic technology at all? While we as hams visualize Amateur Radio as a national treasure, a resource to conserve and nourish, in the final equation, it will be how the government views us that will decide whether or not our spectrum winds up on the auction block. How do we wish to be viewed? Like it or not, Uncle Sam is watching!

Repeater Courtesies—"Do You Hear What I Hear?"**Are You Considerate?**

Joe/K8OEF

When is the last time you heard someone on the repeater say, "I'm going to sign off to let others use the repeater"? (Bravo!)

There are those who QSO for 30+ minutes at a time!

USECA has 200+ members. If everyone took their 30+ minutes, how long would it be before it was your turn again? Do the math.

Oh the early days of the DART repeater back in the 60s. Those operators were asked to limit their time to 10 minutes. At that time, they had approximately 50 members. (I have to admit there were only 2 repeaters in the area at that time—the DART and GLRA [Great Lakes Repeater Association]).

Here is a comment I've heard hams say, "Let's stand by in case someone wants to join us." Well here is my response to that—I don't want to *join* your QSO—I want to

have my own so I can talk with those "I" want to talk with.

While still on my soapbox, I want to validate the authenticity of a statement recently heard. The FCC made a comment on the concern of hams using their "abbreviated" call sign.

The jest of it is, from Riley Hollingsworth (FCC Special Counsel for Amateur Radio Enforcement), "identifying only by the last two letters of an Amateur call sign is a violation of Part 97." Also, to be strictly legal, stations using a suffix-letter ID always must identify within the first 10 minutes of the communication (and each 10 minutes thereafter) with a complete call sign.

I (personally) would never break into (interrupt) a QSO with "OEF." My call sign is K8OEF—and proud of it since 1958.

Is your call sign too long? Or you don't like your call sign? Or embarrassed (ashamed) with your call sign? Go BUY ONE (vanity) that suits you.

And in closing as with most operating tips—and it's a shame—people who should read-and-heed this, or read and don't care—or worse yet, they're not USECA members (free loaders), and consequently don't read the award-winning *Express* with these operating tips.

Boy! Are they missing a great thing—but who's going to tell them?

Off my soapbox—I'll close with a happy note to each one of you, the true fans of the *Express*: "A most joyous and happy new millennium. I wish I could be here to wish you the same for the next one."

Notice to the USECA Fleet

Ken, N8KC

As I would guess most of you know, a while back, the FCC did away with the ship's station license requirement for Marine VHF radios on pleasure craft less than 60'. (*After 1st trying to raise the cost of the license to over \$150!*) Canada followed suit shortly thereafter, in much the same fashion, as regards licensing of pleasure vessels. US and Canadian Commercial vessels

and those vessels carrying SSB Marine HF radios are *still* required to hold a station license *and* a licensed operator (Marine Restricted Operator's Permit a.k.a. MROP). Until recently an MROP was required of any US vessel wishing to *legally* operate their VHF Marine radio in Canadian waters (or other foreign waters). Unbeknownst to many, Industry Canada (Canada's

version of the FCC) and the FCC, last March, reached an historic agreement to iron out the differences in our Marine radio requirements. Since March '99 it has been no longer necessary for pleasure craft of either country, operating in bordering waters, to have a station license for Marine VHF operation.

Amateur Radio Spectrum Protection Act of 1999 Introduced

A new bill to protect Amateur Radio spectrum has been introduced in the House of Representatives by Congressman Michael Bilirakis, a Florida Republican. Titled "The Amateur Radio Spectrum Protection Act of 1999," HR 783 would amend the Communications Act to require the FCC to provide "equivalent replacement spectrum" to Amateur

Radio and the Amateur Satellite Service in the event of a reallocation of primary amateur allocations, any reduction in secondary amateur allocations, or "additional allocations within such bands that would substantially reduce the utility thereof" to amateurs. Representative Bilirakis was interested in helping the Amateur Radio community in

recognition of the fine performance of amateur emergency communicators after several recent hurricanes in his state, and especially Hurricane Andrew.

U.S. hams are urged to write their members of Congress in support of this bill.

—ARRL

When The FCC Comes Knocking

Ken, N8KC

(Much of this comes from the FCC website—the italics, underlines, and comments are mine.)

The Federal Communications Commission has the authority to inspect most radio installations. Responsibility for conducting these inspections generally rests with the Enforcement Bureau's Field Agents. In the course of fulfilling this responsibility, the Agents often receive questions concerning the authority and procedure under which they are working. Below are a few of the ones asked most often.

INSPECTION AUTHORITY

Both licensees and non-licensees **MUST** allow an FCC Agent to inspect their radio equipment. Along with the *privilege* of possessing a license come responsibilities such as knowing the applicable rules, *including* allowing the station to be inspected. Licensees should be aware of the Commission's right to inspect. Equally important, FCC Agents are allowed to inspect the radio equipment of *non-licensees*. Non-licensees include those individuals or entities operating in accordance with Part 15 of the Rules. Non-licensees also include those who *should* have a license to operate their equipment but have not obtained a license and are operating without authority.

FAQ's

Q: Why must operators of radio frequency devices allow the FCC to inspect their equipment?

A: The Commission must ascertain essential facts pertaining to the operation of a station which may be vital to the resolution of a number of questions, including interference problems involving public safety. For this reason, the FCC must be able to check all covered equipment that have the *potential* to emit radio frequencies. Section 303(n) of the Communications Act gives the FCC this authority.

Q: What happens if I do not allow the FCC agent to inspect my equipment?

A: Failure to allow inspection forecloses the opportunity to resolve the problem. Thus, refusal to allow inspection is a serious challenge to the Commission's authority to inspect radio stations and is a violation of the Rules. Such a refusal may lead to revocation of a license, maximum monetary forfeiture, or other Commission sanctions.

Q: The FCC Agent standing at my door does not have a search warrant, so I don't have to let him in, right?

A: Wrong. Search warrants are needed for entry involving criminal matters. One of the requirements as a licensee, or non-licensee subject to the Commission's Rules, is to allow inspection of your radio equipment by FCC personnel. Whether you operate an amateur station or any other radio device, your authorization from the Commission comes with the obligation to allow inspection. Even radio stations licensed under a "blanket" rule or approval, such as Citizen's Band (CB) Radio, are subject to the Commission's inspection requirement.

Q: Well then, if I am a low-power broadcaster and don't have an FCC license, they need a search warrant, right?

A: Wrong again. The FCC agents have the authority to inspect *all* radio equipment; even if you do not have a license, the FCC can still inspect your equipment. Section 303(n) of the Act gives the FCC the right to inspect all "stations required to be licensed." This language covers your low-power radio station. The FCC agents are inspecting the equipment, not searching your house.

Q: Okay, I understand now why the Agent doesn't need a search warrant, but how do I know what the Agent will do next?

A: Once you open the door, the agents *should* show their FCC identification card and badge, identify themselves by name and agency, and should state the purpose of the visit. They then should request permission to inspect the radio station. The agents may also ask to see records such as licenses for the station or operator. Agents, however, should never open private cabinets, drawers, or other private items in the search for license documents.

Q: Can the agents come to my residence at any hour of the day or night to conduct an inspection?

A: FCC Agents inspect during the hours of operation. If you are operating your station during late or unusual hours you cannot use the time element as justification for refusing to permit an inspection at that time. You cannot avoid an inspection by electing to operate only during late or unusual hours.

Q: The FCC Agent said that I had to allow inspection of my radio station without unnecessary delay. What does "without unnecessary delay" mean?

A: Immediate on-the-spot inspections are *generally* necessary. In most cases, *any* delay can result in changed conditions of the transmitting equipment or its operation, adversely affecting the efficacy of the inspections. For that reason, Agents cannot return at a later time to accommodate the operator, cannot wait for the operator to make any adjustments to the equipment, and cannot spend time repeating the reasons for the inspection.

Q: Why don't the FCC's agents have to make an appointment with me to inspect my equipment?

A: The Commission has no means of determining whether a station is being operated as licensed except through immediate on-the-spot inspection. To establish the amount of operating power of a station, the input power of the last radio stage of the transmitter must be actually measured with test equipment. To delay an inspection for the convenience of a licensee would allow the licensee time in which to modify or restore the transmitter to its licensed condition, thus permitting the licensee to avoid detection. This same theory also applies in the case of whether a station is operating with an unapproved type of transmitter.

Q: What can happen to me if the agent determines that I am using illegal or unauthorized equipment?

A: There are several different ways that this situation can be handled. You *may* volunteer to surrender the equipment to the agent who will then destroy it under FCC procedure. If you choose not to surrender the equipment, the FCC can bring a proceeding against you to take the equipment. This is known as an in rem (i.e., property) forfeiture proceeding. Additionally, if you choose not to surrender the equipment, you can be issued a civil monetary forfeiture penalty. See 1997 Forfeiture Policy Statement 12 FCC Rcd 17087(1997).

Q: Am I required to surrender any illegal or unauthorized equipment to the agent?

—Continued on Page 12

FCC Complaint Desk

Gotta' legitimate complaint for the FCC? Interference to report? An enforcement issue, perhaps? A bone to pick? Write the FCC at the Compliance & Information Bureau, ATTN: Amateur Radio Complaints, 1270 Fairfield Road, Gettysburg, Pennsylvania 17325 or via Email at fccham@fcc.gov. The 1-800 number that the FCC used to have for complaints was discontinued in March of '99.

—Submitted by Ken, N8KC

National Recognition

Joe, K8OEF

Congratulations to both Dave, KC8IAQ and Mark, W8IR for their "SETI@HOME" article on Page 7 in the November 1999 *Express*. Their article was re-printed in the December 1999 edition of the *ARNS Bulletin*.

ARNS (Amateur Radio News Service) is the organization that promotes newsletter editors for the amateur radio community—and the same group who judge and award newsletters from all over the country. Great job fellows!

Procrastinator's Creed

- 1. I believe that if anything is worth doing, it would have been done already.
- 2. I shall never move quickly, except to avoid more work or find excuses.
- 3. I will never rush into a job without a lifetime of consideration.
- 4. I shall meet all of my deadlines directly in proportion to the amount of bodily injury I could expect to receive from missing them.

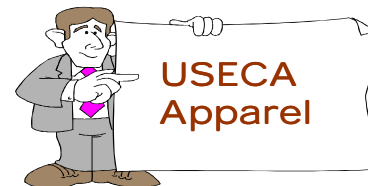
- 5. I firmly believe that tomorrow holds the possibility for new technologies, astounding discoveries, and a reprieve from my obligations.
- 6. I truly believe that all deadlines are unreasonable regardless of the amount of time given.
- 7. If at first I don't succeed, there is always next year.

- 8. I shall always decide not to decide, unless of course I decide to change my mind.
- 9. I shall always begin, start, initiate, take the first step, and/or write the first word, when I get around to it.
- 10. I will never put off tomorrow, what I can forget about forever.

—Internet

USECA VE Testing

Examinations for an Amateur License are held the on the first and third 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 not required. 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.).



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 three times "Superior" (1995, 1996 and 1997) were received from ARNS (Amateur Radio News Service).

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 N8VVH, Linda: n8vvh@home.com
 KB8VWY, Doris: dlanden@gfn.org
 KB8WBV, Ken: kb8wbv@voyager.net
 K8WH, Dave: dlockard@bwb.net
 KB8WVW, Carmine: cmaresco@excelonline.com
 ★WB8X, Lenny: lsmith@rust.net
 N8XNM, Ray: rmacha@mich.com
 KB8YLB, Ed: kb8ylb@yahoo.com
 KB8YYA, Dreux: kb8yya@arrl.net
 KB8YYB, Debbi: cuer@juno.com
 K8ZEC, John: k8zec@tir.com
 ★New/change from previous.



"YOU'VE GOT MAIL!"

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

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; plaques 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 logs to: Jon, KC8HYU, 19351 Todd Drive, Clinton Twp., MI 48038; E-Mail: kc8hyu@testprod.com.
- ✓5) If *you* notice any errors in the database, wrong or changed call signs, misspelled names, etc., let Jon know ASAP.

USECA . . . We Are Family!

USECA 1999 VHF Net Points As Received By December 13, 1999

Call	Name	pts	Call	Name	pts	Call	Name	pts	Call	Name	pts
KIDMN	MIKE	3	KC8GRZ	JERRY	2	KC8NDO	RAY	4	K8QLM	RICHARD	288
W1ETE	BRENT	29	KC8GUC	LENNY	19	KA8NDY	DAN	5	KC8HMG	JANICE	228
W1IK	JIM	130	KC8GUE	MIKE	2	W8NG	JIM	6	W8VB	DAVE	165
KC2BOJ	MARK	1	WB8H	GORDY	3	KC8NGW	JIM	2	NS8E	JOHN	181
KA2IBE	JOHN	54	KC8HCT	CHRIS	6	KC8NGY	PAUL	2	KC8IAQ	DAVE	160
VE3LFC	MARIE	37	N8HFW	CARSON	1	KC8NHV	BILLY	2	KC8HYU	JON	157
KC4ZHC	STEVE	4	K8HJ	LARRY	68	KC8HFX	ED	2	W1IK	JIM	130
KMSD	ERIC	3	K8HLJ	GEORGE	1	N8NMX	BILL	4	KC8DIR	BRIAN	126
KG7FA	JOHN	1	KC8HMG	JANICE	226	KC8NPO	SHAWN	2	N8PPD	MICHAEL	101
KATVDM	BOB	1	KC8HMK	VICKI	1	N8NSV	BOB	2	AB8BT	ANDY	93
WD8AJK	BOB	1	KC8HMM	SAM	30	K8OEF	JOE	3	K88WTH	RICHARD	81
KB8AKS	JERRY	7	K8HHSR	TIM	6	N8OEF	VAL	59	WB8E	WALT	79
KC8ARS	HENRY	7	K8HW	STEVE	4	N8OEO	JOHN	1	KC8GMT	LORA	79
N8ASD	LARRY	6	HC8HYS	PAT	1	W8OIS	LEN	2	N8YBY	LEONARD	78
KC8BFP	MARK	19	KC8HYU	JON	157	N8OKW	JIM	6	KC8LAH	STU	75
W8BHF	BOB	10	N8HZE	KEN	7	N8OZ	JOE	66	N8OZ	JOE	66
KC8BIJ	TED	6	KC8IAP	MARY	19	N8PDP	MICHAEL	101	K8HJ	LARRY	68
KC8BIY	JERRY	4	KC8IAQ	DAVE	160	W8PEG	PEGGY	13	K8ZEC	JOHN	60
KB8BSG	CARL	7	W8KC	PHIL	1	N8PFR	LEONARD	2	N8OEF	VAL	59
AB8BT	ANDY	93	KC8ICG	STEVE	1	K8PIK	MARILYN	35	W8RO	FLOYD	58
KC8BZD	HENRY	13	W8IDO	DENNIS	2	K8QLM	RICHARD	288			
KA8CBX	BILL	2	KG8IE	SCOTT	1	K8GMP	BILL	7			
K8CFY	JERRY	27	KG8IF	ANN	40	K8GMS	NANCY	52			
KC8CPT	DON	54	WD8IFL	DAVE	1	N8RAM	WAYNE	7			
KC8CRJ	RON	1	KC8IHO	COLIN	13	N8RAR	MANNY	10			
KC8CRK	JOHN	1	KE8JM	MURRAY	1	K8RBFV	TONY	3			
KC8CWO	DAVE	1	KC8IMK	DALE	1	K8RCB	JOE	1			
W8SD	MIKE	1	W8IMP	JOHN	2	N8RE	FLOYD	58			
KC8DBG	BILL	15	KC8IFF	DENISE	1	W8RO	GARY	4			
KC8DDL	ANDY	1	W8IR	MARK	23	N8RRU	EDDIE	25			
W8DFG	DENNIS	42	KC8IZG	DAVE	18	N8RUJ	TJ	1			
KC8DIR	BRIAN	126	W8JPR	BILL	30	N8RXZ	LARRY	1			
W8DKV	MARSHALL	1	KC8JSF	JEFF	8	N8SA	BILL	16			
KC8DPO	RON	1	KC8JSH	DELPHINE	19	N8SB	JAMES	3			
KB8DSC	JOHN	3	N8KC	KEN	23	N8SIH	BETTY	37			
KB8DSG	JIM	1	W8KC	PHIL	35	N8SN	CHUCK	15			
KC8DSP	PAT	1	KC8KIO	CINDY	3	W8SNE	BOBO	3			
KC8DTG	JOHN	1	KC8KIR	MATTHEW	52	W8SUL	DAVE	3			
W8DJF	TED	1	KC8KN	STEVE	32	W8T	BRETT	10			
N8DVO	FRED	1	N8KLX	JERRY	1	K8BTAS	JERRY	51			
K8DXX	BILL	5	KC8KNH	LORA	5	KA8TQ	JEFF	23			
K8DZT	FRANK	8	KC8LAH	STU	75	N8TMJ	MARIANNE	13			
KC8DZT	TOM	4	KC8LDM	MICHAEL	5	W8TUF	DENNIS	5			
NS8E	JOHN	181	KC8LDN	RAY	9	N8TUH	STEVE	1			
WB8E	WALT	79	KC8LEC	LEE	2	KA8TWO	HANK	6			
N8EC	MARK	1	W8LEE	LEE	1	KA8UHG	STEVE	4			
KC8ECB	KEN	2	K8LFE	JIM	5	K8UK	JACK	2			
KC8EDK	BRIAN	2	KA8LGI	DARRELL	33	W8UKU	CHRIS	3			
W8EEU	BOB	2	KC8LIR	SCOTT	1	KE8UM	MURRAY	4			
AB8EH	MIKE	1	KC8LIJ	CRAIG	11	W8VB	DAVE	165			
KB8EIV	ROB	2	KC8LOB	STEVE	1	K8BVJD	DAVE	4			
N8ERV	TOM	4	KC8LOQ	TOM	10	N8VOH	KATHY	4			
KC8FRW	JOHN	28	KC8LOD	MIKE	2	W8VOT	DAVE	10			
K8FT	JIM	2	KC8LOQ	RICK	1	K8WTH	RICHARD	81			
W8BFUI	PHIL	18	KC8LUM	MIKE	7	N8XNM	RAY	7			
KC8FXF	MIKE	3	KC8LVL	KEVIN	6	N8YBY	LEONARD	78			
KC8FYP	GEORGE	3	KC8LXM	SCOTT	5	N8YJ	DINA	29			
KC8FYQ	GERALD	3	KC8LXN	LORIE	16	K8YYA	DREUX	25			
N8GCD	KEN	3	KK8M	TOM	8	K8YYB	DEBBIE	13			
K8GEO	GEORGE	12	W8YBM	ARPAD	5	K8ZAW	RAY	2			
K8GER	JERRY	1	N8MCD	JIM	17	K8ZEC	JOHN	60			
KB8GFE	KEN	2	KC8MMJ	KIM	6	K8ZEH	DICK	2			
KC8GFN	DAVE	6	KC8MNY	DAN	3	N8ZR	STEVE	6			
KC8GMS	PHIL	7	KC8MPQ	SEAN	1	N8ZZE	JOHN	5			
KC8GMT	LORA	79	N8MQU	RICHARD	1	N8ZZF	PAT	11			
KC8GNH	KEVIN	2	KC8MSX	BILL	11	K8ZZZ	LES	6			
KB8GPO	KEN	5	K8MUA	ANDY	1	K9GUY	GARY	1			
W8GQL	DAN	5	KC8MWV	BRUCE	30						

Top 20 VHF Operators

Call	Name	pts
1	K8QLM	RICHARD 288
2	KC8HMG	JANICE 228
3	W8VB	DAVE 165
4	NS8E	JOHN 181
5	KC8IAQ	DAVE 160
6	KC8HYU	JON 157
7	W1IK	JIM 130
8	KC8DIR	BRIAN 126
9	N8PPD	MICHAEL 101
10	AB8BT	ANDY 93
11	K88WTH	RICHARD 81
12	WB8E	WALT 79
13	KC8GMT	LORA 79
14	N8YBY	LEONARD 78
15	KC8LAH	STU 75
16	N8OZ	JOE 66
17	K8HJ	LARRY 68
18	K8ZEC	JOHN 60
19	N8OEF	VAL 59
20	W8RO	FLOYD 58

Top HF Operators

Call	Name	pts
1	K8QLM	RICHARD 288
2	KC8IAQ	DAVE 165
3	KA2IBE	JOHN 89
4	W8BJPR	BILL 90
5	K8BTAS	JERRY 90
6	KC8GMT	LORA 78
7	KC8HMG	JANICE 82
8	AA8DD	BOB 69
9	N8KC	KEN 70
10	W8RO	FLOYD 58
11	N8MOJ	MARION 56
12	WB8E	WALT 79
13	W8IR	MARK 44
14	AB8BT	ANDY 44
15	W8YBM	ARPAD 34
16	W1IK	JIM 32
17	K8PIK	MARILYN 28
18	W1ETE	BRENT 24
19	KC8HMM	SAM 24
20	K8WH	DAVE 24

Database c/o KC8JSH (Delphine)
Software written by W8UC (Tom)

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

see or call Brian KC8DIR
USECA's Net Manager,
for more information on running a net and earning extra points.

USECA Board Meeting Minutes—December 7, 1999

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
 N8KLX, Jerry Field Day Chairman
 K8ZEC, John Repeater Technician
 KC8DIR, Brian Net Manager



WB8E, Walt; N8SIH, Betty; KB8TAS, Jerry W8PEG, Peggy
 *Absent

The meeting was called to order by the President at 7:35 P.M.

The minutes of the last meeting were approved.

The Treasurer's report was approved.

Membership: We have in excess of 215 members.

Repeater: John, K8ZEC, promulgated that work on the back up repeater is nearing completion and it should be installed soon.

Express: No report.

Old Business:

Swap: Dave, KC8IAQ, announced that USECA will have a promotional table at the Hazel Park Swap in January.

Ann, KG8IF, presented information about the 1999 USECA Christmas Party. Reservations have topped 60.

A motion was made by Dave, KC8IAQ, seconded by Floyd, W8RO, and passed to confirm Bill, N8SA, as Trustee of the USECA repeater.

A motion was made by Jim, N8OKW, seconded by Floyd, W8RO, and passed to apply for a Club Callsign. Jerry, N8KLX, has volunteered to check on availability of callsigns.

New Business:

Jerry, N8KLX, announced that Walk America will be held on April 30, 2000 and USECA will again be running a special events station. The call for the special events station will be W8A.

The meeting was adjourned at 8:42 P.M.

Respectively submitted,

Debbi Cokewell, KB8YYB, Recording Secretary



USECA General Meeting Minutes—December 14, 1999

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
 N8KLX, Jerry Field Day Chairman
 K8ZEC, John Repeater Technician
 *Absent

The meeting was called to order by the President at 7:35 P.M. New upgrades were recognized.

A motion was made by Ted, KC8BIU, seconded by John, K8ZEC, and passed to accept the minutes of the last meeting as printed in the Express.

A motion was made by Betty, N8SIH, seconded by Steve, KC8KJN, and passed to accept the Treasurer's report.

Membership: Current membership exceeds 225.

Express: Articles for the Express are due tonight. Want ads will now be accepted for any merchandise you wish to sell. These ads are for members only.

Repeater: John, K8ZEC, informed the membership that the back up repeater should be ready for installation momentarily.

ARRL: Dave, W8VB, informed the membership to record all Ham related volunteer hours. Be sure to include date, time, location and nature of work. Turn hours in to Dave.

Net Manager: We still need NCO's.

Net Point Manager: The new Net Point Manager will be John KC8HYU. Many thanks to Delphine, KC8JSH, for all her hard work.

Hosts: Thanks to this month's hosts, Jerry, KB8TAS, and Don, KC8CPT. Next month's hosts will be the beautiful Betty, N8SIH, and the gracious Jerry, K8CFY.

Old Business:

Christmas Party: Thanks went out to Ann, KG8IF, for all her efforts organizing the very successful Christmas Party.

Testing: Testing will continue to be the first and third Saturday of each month at the Salvation Army in Mt. Clemens. Also, the ham radio open house will continue every Saturday evening from 7:00-11:00 P.M.

Bill, N8SA, Mr. Y2K, is seeking volunteers for the Y2K Readiness Program at Mt. Clemens General Hospital on New Years' Eve.

Bill, N8SA, reminded everyone that the Salvation Army is looking for volunteer bell ringers for Saturday, December 18, 1999 at Lakeside Mall.

Bill, N8SA, still talking, informed the membership that the situation with MARC is working toward a successful conclusion.

Our new PA Chairman is Bruce, KC8MWV.

New Business:

Dennis, W8DFG, blazoned that we are going to file for a club callsign.

Dina, N8YJI, announced the upcoming campouts for 2000, starting with Memorial Day weekend at Lakeport State Park. The Group number will be 594720. Reservations can be made by calling 1-800-44PARKS.

Election: Floyd, W8RO, opened the nominations once again. With no new nominations, the ballots were distributed. After the ballots were counted the results were as follows:

—Continued on Page 10

Confused?

An application was for employment
A program was a TV show
A cursor used profanity
A keyboard was a piano!

Memory was something that you lost with age
A CD was a bank account
And if you had a 3-1/2 inch floppy
You hoped nobody found out!

Compress was something you did to garbage
Not something you did to a file
And if you unzipped anything in public
You'd be in jail for awhile!

Log on was adding wood to a fire
Hard drive was a long trip on the road
A mouse pad was where a mouse lived
And a backup happened to your commode!

Cut—you did with a pocket knife
Paste you did with glue
A web was a spider's home
And a virus was the flu!

I guess I'll stick to my pad and paper
And the memory in my head
I hear nobody's been killed in a computer crash
But when it happens they wish they were dead!

—Submitted by Marianne, N8TMJ



Say and Mean

No wonder the English language is so very difficult to learn!

1. We must polish the Polish furniture.
2. He could lead if he would get the lead out.
3. The farm was used to produce produce.
4. The dump was so full that it had to refuse more refuse.
5. The soldier decided to desert in the desert.
6. This was a good time to present the present.
7. A bass was painted on the head of the bass drum.
8. When shot at, the dove dove into the bushes.
9. I did not object to the object.
10. The insurance was invalid for the invalid.
11. The bandage was wound around the wound.
12. There was a row among the oarsmen about how to row.
13. They were too close to the door to close it.
14. The buck does funny things when the does are present.
15. They sent a sewer down to stitch the tear in the sewer line.
16. To help with planting, the farmer taught his sow to sow.
17. The wind was too strong to wind the sail.
18. After a number of injections my jaw got number.
19. Upon seeing the tear in my clothes I shed a tear.
20. I had to subject the subject to a series of tests.
21. How can I intimate this to my most intimate friend?

—Internet

Newsgroups

Information Superhighway

Joe/K8OEF

There are three parts to this internet "stuff"—browser, email and newsgroups. Are you taking advantage of all three?

If you are not, you are missing a great deal of what is available to you—at no extra charge.

As a user of Netscape (exclusively), I can address this topic to those who are using Netscape. If you are using the Internet Explorer, you're on your own.

Netscape incorporates the newsgroups capability within its program. For Explorer users (or even Netscape), there are other standalone programs to allow you to gather this information, i.e., Gravity—they're out there, you'll just have to go and find them.

Call them newsgroups, user groups, and other names, this is one tremendous tool jammed packed with information available. Name the subject, it will be there.

Newsgroups are like the old dial-up bulletin boards of years gone by—but on the internet they are huge, I mean really HUGE!

Pick a topic and it will be there—including amateur radio—discussions on radios, different models, problems, fixes, advice, selling stuff—it's all there!

This is a great way to get (unbiased) information on practically anything—from all over the world!

My last "surfs" were for amateur radios, digital cameras, DVD movies and players, DSS systems—it's just unimaginable. You want someone's opinion, you'll surely get it. With continuing "threads" you can track all the information from all users regarding your topic.

The last I remember, there were more than 15,000 different groups.

Go for it and enjoy.

Speaking of Netscape, when is the last time you backed up your address and bookmark files? Do it—you won't be sorry—just think of all the time it would take you to re-create those files.



USECA Meeting Minutes—From Page 9

President: Debbi, KB8YYB; Vice-President: Nancy, KB8QMS;
Recording Secretary: Ann, KG8IF; Membership: Marianne,
N8TMJ; Treasurer: Delphine, KC8JSH; Board Members: Dave,
KC8IAQ; Mark, W8IR; Jerry, N8KLLX

The meeting was adjourned at 9:45 P.M.

Respectively submitted,

Debbi Cokewell, KB8YYB, Recording Secretary



January Meeting Hosts

Jerry, K8CFY
Betty, N8SIH

Millennium Pie

(With apologies to Don McLean)

A long, long time ago...
I can still remember when
Computers used to make me smile.
and I knew if I had my chance,
that I could make my webpage dance,
And maybe I'd be happy for a while.

But January made me shiver,
With every program I'd deliver,
Y2K at the doorstep...
would we get one more step?

I can't remember if I cried
when I first knew the harddrive fried,
but something touched me deep inside,
The day the 'puters all died.

(Refrain)

So, Bye, bye America-on-Line..
logged onto Earthlink but the server was dry
And them good ol' boys was stockin' guns and supplies,
singin' this would be the day that I cry,
this would be the day that I cry.

Did you write code in C plus?
And do you have faith in your local bus
If the driver tells you so?
Do you believe in Bill Gate's goals...
Can software save your mortal soul...
And can you teach me how to type real slow?

Well I thought you said you were prepared,
'Cause I heard you sayin' that you were scared..
Your strategy was swell...
You thought you'd beat the bell.

I was a lonely teenage Unix hack,
With an I mac 2 and a modem jack,
but I knew there was trouble in the shack
The day the 'puters all died.

I started singin'...(Refrain)

Now for 10 years, we've ignored the threat
And we ain't solved the problem yet
But that's not how it used to be
When we was young and playin' King's Quest 3,
Searchin' each frame for another enemy..
With a disk we copied illegally.

Oh, and while Bill Gates was looking pleased,
ole' Reno hosed his monopolies
The courtroom was adjourned
And Billy boy, he got burned!

and while Apple tried a color scheme..
The engineers all learned to scream,
And we had to purge them of their dreams
The day the 'puters all died.

We were singin'...(Refrain)

Helter Skelter in an Email letter...
The food leftover from my fallout shelter,
Eight years old and molding fast.
As I tried to recover from the crash,
my CD went out in a laser flash..
With my sound card on the sidelines in the trash!

Now the timeshare net was running Doom
While the mainframes played a marching tune..
I typed my password in...
Oh, but I'd forgot my PIN!

'Cause Apple tried to take the field,
And Compaq Corp refused to yield.
Do you recall what was revealed,
The day the 'puters all died?

(Refrain)

Oh, and there we were, all in one place..
A generation lost in Cyberspace...
With no time left to start again.
So come on, mouse be nimble, mouse be quick,
Don't let my spreadsheet data stick
'Cause 'puters are the Devil's only friend.

Oh, and as I watched him on my screen,
My face and hands were drenched in steam.
No angel born in hell
Could run that damn DOS shell..

And as the ball fell from its Times square height,
To mark the last stroke of midnight
I saw Dick Clark laughing with delight
the day the 'puters all died.

He was singin'...(Refrain)

I met a girl with mobile phone
and I asked her if she had a dial tone,
But she just smiled and turned away

I went down to the software store
Where I'd seen computers years before
But the man there said the software wouldn't play.
And in the streets the children screamed
The lovers cried and the poets dreamed
their words now all were spoken
The World Wide Web was broken

And the three things I had connected to most
My homepage, Yahoo and the network host
Every single one was toast
The day the 'puters all died...

and they was singin'...(Refrain)
Bye, bye, to America-on-Line..
I logged onto Earthlink but the server was fried..
And them good ol' boys was stockin' guns and supplies,
Singin' this would be the day that I cry,
this would be the day that I cry.

From Cindy (KC8KIO) with adaptations by Ken (N8KC)

—Submitted by Ken, N8KC

**Pots have Handles.
Newspapers have Personals.
People have Names.**

USECA Cork Board

▶ Radio "Stuff" ◀

ALINCO DJ-C4T UHF H.T. with manual and battery charger. Mint condition. \$65.00. Richard, K8QLM, (810) 731-4475.

CLEGG 22'er FM transceiver 2 meter, receiver tunes 146-148 MHz, transmitter crystal controlled by 10 position switch. Many crystals included, manual, microphones, power cords, dc and ac. Tube transmitter and solid state receiver. New in box Amperex final tube included. Like new condition. \$50.00 OBO. Dan, WA8GQL.

MALDOL mobile 144/430 Dual Band antenna with power tilt over. New in package, not used. Cost over \$230.00 Sell for \$100.00—144 MHz, 5.0 DB gain—430 MHz, 7.7 db gain—150 watt F3. Dan, WA8GQL.

MOTOROLA HT1000 UHF "NEW" Portable, 16 freq. scan, battery, antenna, 403-470 MHz, \$425. K8OEF (810) 781-0050.

SALE. 2-Meter Stick antenna w/approx. 12' co-ax. \$20. (810)-786-5442 KC8BIU, Ted.

TEN-TEC; complete station. Omni-C transceiver; model 255 power supply/speaker; model 229 antenna tuner (re-strung by T.T. Spring '99); model 243 remove VFO; model 444 linear amplifier. All units are mint condition, with manuals. Package deal only. \$1,600. OBO. Richard, K8QLM, (810) 731-4475.

TRIPP LITE PR-10b power supply for sale 13.8vdc. 10A surge, 7.5A continuous. Almost identical to Astron RS-10A. \$50. Contact Floyd, W8RO at (248) 391-6660 or hires@rust.net

WANTED: Hallicrafters SR34. K8OEF (810) 781-0050.

WANTED: Looking for a code oscillator with 1/4" key jack. Sam, KC8HMM.

WILSON. T-1405; 2-meter H.T. with leather case, manual and charger. \$35.00 Richard, K8QLM, (810) 731-4475.

YAESU FT 530 Dual Band HT with display speaker mic, desktop rapid charger, cigarette Lighter adaptor, wall charger and a VOX headset. Excellent condition, all for only \$375. Contact Nancy/KB8QMS, (810) 749-3383, e-mail: KB8QMS@hotmail.com

★New this month.

Notify the editor to have items added and/or removed.

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

▶ Miscellaneous Items ◀

ATARI LYNX hand held video game with 6 cartridges and carrying case. Like new condition. \$20.00. Dan, WA8GQL

COLEMAN 1993 Seneca Camping Trailer. Queen and double bed provide comfortable sleeping for four adults or 2 adults and 3 kids. Dual dinettes provides sleeping for 3 more kids. Three burner stove and sink inside. Separate high output 2 burner stove for outside. Lots of storage, including a place for the porta potti (saves the late night trips to the facility). Canopy for shade on those sunny or rainy days. Tows great. Dry weight approx. 1400#, so can be towed by about any vehicle. We towed it thru the mountains of California, as much as 18% grades, with a Saab 900, 2.3L in 1998. Excellent condition. \$3800. Those of you who have been at the USECA campouts the last two years have seen it. Contact Jim Mickle, N8OKW, (810) 677-1667, Jim Mickle@juno.com.

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 \$20 takes it. Call Floyd at (248) 391-6660 or e-mail: hires@rust.net.

FISHER studio standard bookshelf stereo system. Like new condition, plastic cover. PLL digital fm/am stereo tuner, Two deck cassette tape player/copier, record changer on top, graphic equalizer, CD player. Very little to no use. Model MC-750. \$85.00. Dan, WA8GQL.

GMC '92 Typhoon. Turbocharged, intercooled V6 w/AWD, ABS, CD and alarm. Very fast, looks great, runs great and always garaged. 92K miles. \$16K obo. Floyd, W8RO; (248) 391-6660 or floyd@hi-rescom.com.

MONITOR 15" NEC Multi-Sync XV15+. Like new. \$95 firm. K8OEF (810) 781-0050.

OLDSMOBILE '97 Aurora, silver, 42K miles, loaded, excellent condx. Contact Floyd, W8RO, at (248) 391-6660 or floyd@hi-rescom.com.

SATURN 1995. SL2. Blue/black; 67k miles; auto starter. Dina, N8YJI, (810) 777-4207.

SWAROVSKI Silver Crystal "Dragon" with display stand, 1997 annual piece. (Year 2000 is the year of the dragon). New in box, never displayed, all certificates. ERV \$600; your price \$450. Visit this site: www.tir.com/~k8oef/dragon — also, Swarovski Silver Crystal "Pegasus" with display stand, 1998 annual piece. New in box, never displayed, all certificates. ERV \$550; your price \$375. Check it out at: www.tir.com/~k8oef/pegasus. K8OEF (810) 781-0050.

What's My Line?

Well—That idea died in a hurry!



Y2K HELP—From Page 1

Just realize that you may be called into action to assist and not be able to spend much time with them.

I can be reached at the following phone numbers, waking hours only please: Pager, (313) 276-1662—Home, (810) 468-8345.

Thanks for your participation.
73.



FCC Comes Knocking—From Page 5

A: No, surrender is voluntary. However, it is the best way to avoid a large monetary forfeiture.

Q: Is the inspection procedure for various services different? Is the procedure different for licensees and non-licensees?

A: The inspection procedure is essentially the same for all of the services. Similarly, the inspection procedure is the same for licensed and non-licensed stations. This is because the FCC has the right to inspect ALL covered radio equipment.

Q: Can I have my attorney present during the inspection? Can I make the agent wait to start the inspection until my attorney is present?

A: You may have your attorney present during the inspection; however, there is no constitutional right to have your attorney present. Therefore, you may not make the agent wait until your attorney arrives. Making the agent wait for your attorney conflicts with the "unnecessary delay" requirement discussed earlier.

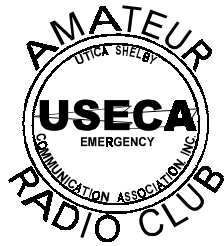


NAME BADGES

With The *OFFICIAL* USECA Logo
Contact Debbi, KB8YYB: (810) 263-0227

Unnecessary Words:
"For ID"

USECA APPLICATION



DATE _____ NEW RENEWAL
 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

Rev. 12/98

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 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
SUN-SAT		MACEOC (Packet)	145.030
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	9:00 pm	ARPSC	145.490
WED	9:00 pm	MICHIGAN QRP	145.170
THU	7:00 pm	HPARC/Kids	146.640
THU	8:00 pm	RACES/ARES	147.200
THU	8:00 pm	EDISON/Information	145.330
THU	9:00 pm	SATERN	147.180
THU	9:00 pm	ECHO	147.080
FRI	Midnite	USECA/Hoot Owl	147.180

On The World Wide Web

USECA Home Page

WWW.USECA.ORG

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	KC8IAQ
2	W8IR	W1IK	-Meeting-	KC8MWW
3	K8QLM	N8OEF	KC8IAP	KC8DIR
4	AB8BT	W1IK	W8IR	KC8HYU
5*	WB8E	N8OEF	-OPEN-	-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	K8QLM	-OPEN-	KC8IAP
2	N8MOJ	W8RO	KA2IBE
3	W8RO	W8IC	K8QLM
4	AA8DD	WB8E	-OPEN-
5*	-OPEN-	-OPEN-	-OPEN-

*If applicable

NCO's—If you're unable to take your net please get a replacement
 or contact Brian, KC8DIR (810) 749-4561—Don't wait!

USECA Hot Line: (810) 268-6730

USECA

UTICA SHELBY EMERGENCY COMMUNICATION ASSOCIATION, INC.
P.O. Box 1222 • Sterling Heights, MI 48311-1222

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POSTMASTER: DATED MATERIAL



JANUARY 2000



"The Happenin' Club"

Club Activities

MONTH	DATE	TIME	EVENT
JAN	11	7:30 pm	General Meeting
FEB	8	7:30 pm	General Meeting
MAR	14	7:30 pm	General Meeting
APR	11	7:30 pm	General Meeting
APR	30	6:30 am	WalkAmerica
MAY	9	7:30 pm	General Meeting
MAY	TBA	9:00 am	9th Annual Pre-Field Day
MAY	19-21		Dayton Hamvention 2000
MAY	26-29		Campout—Lakeport
JUN	TBA		Trash-For-Cash
JUN	13	7:30 pm	General Meeting—Fox Hunt
JUN	23-25		Campout—p/o Field Day
JUN	24-25		Field Day 2000
JUL	21-23		Campout—Xmas in July—Algonac
JL/AG	28-6		Campout—St. Ignace & Tawas
AUG	TBA		Annual Club Picnic
SEP	1-4		Campout—Tawas or Harrisville
SEP	4		Michigan Peach Festival Parade
SEP	22-24		Campout—Western—Algonac
OCT	27-29		Campout—Halloween—Algonac

Swaps

Day	Month	Date	Where
SUN	JAN	16	Hazel Park
SUN	APR	16	SEMARA
F,S,S	MAY	19-21	Dayton 2000*

*ARRL National Convention

Source: QRV Bulletin, QST & N8ARO



6-METER NETS

	WED 7 PM	WED 8 PM
WEEK	50.130 MHz/USB	51.740 MHz/FM
1	NS8E	NS8E
2	KC8IAQ	K8QLM
3	N8YBY	KC8HYU
4	W8VB	W8VB
5*	-OPEN-	-OPEN-

**If applicable*

NCO's—If you're unable to take your net please get a replacement or contact Brian, KC8DIR (810) 749-4561—Don't wait!