



**"THE U.S.E.C.A. EXPRESS"
 UTICA-SHELBY EMERGENCY
 COMMUNICATIONS ASSN.
 MACOMB COUNTY**

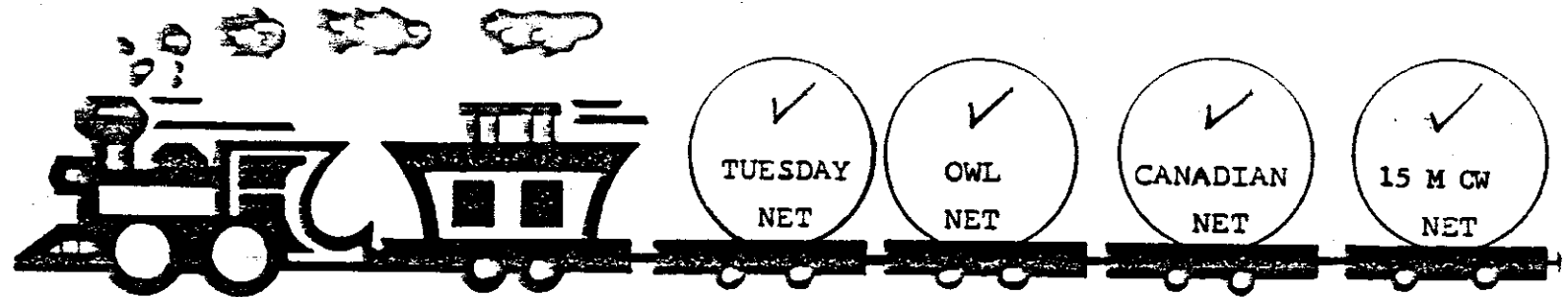
147.18/.78

PUBLISHED MONTHLY
 BY
 USECA INTERNATIONAL

YOUR EDITOR: W38QNI



EXPRESS YOUR TRAIN OF THOUGHT,
 BY PARTICIPATING IN ONE OR ALL USECA NETS!



U.S.E.C.A.

Utica-Shelby Emergency Communications Assn.

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K8CFY
 Jerome McGinn
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 Mt. Clemens MI 48043

DEC 87 - JAN 88

U.S.E.C.A. FACTS

BOARD OF DIRECTORS

President John Wuestewald N8FNO
 President-Elect Chuck Boyer N8FNZ
 Secretary Jack Withenshaw W8BITJ
 Treasurer Don Harris WD8EKY

 Activities Chairman Stag Stackpoole K8MKA
 Program Director Walt Gracey K8TOV
 Repeater Trustee Chuck Boyer N8FNZ
 Refreshment Chairman Amy Wuestewald K8ZAI
 Membership Chairman Shirley Harris WD8IWE
 Technical Director John Miller N8BWG

COMMITTEES

Editor Jerry McGinn K8CFY
 Swap & Shop Art Sheff WD8EGV
 Hank Henry KE8LT
 Field Day Fred Doucette W8BITB
 Refreshments Amy Wuestewald K8ZAI
 Mike Thomas K8SBMY
 Garage Sale Volunteer Needed
 Mailers/Sorters Shirley Harris WD8IWE
 Dick Krall KA8RUN
 John Miller N8BWG
 Don Beckmon KD8VJ
 Stag Stackpoole K8MKA
 Larry Boggs W88SJD
 Bob Macauley W88WVF
 RACES Coordinator Vance Dupuis W88ONI
 Hats Joe Paulson WD8MFN
 Badges Bob Macauley W88WVF
 Health & Welfare John Wuestewald N8FNO
 Net Point Coordinator Don Beckmon KD8VJ
 A.R.R.L. Liaison Steve Putman N8ZR

f Founder c Charter h Hon. Charter

K88KTU f c SK
 N8FNO f c
 WD8MFN f c
 K8QLM f c
 W88ONI c
 K88WOT c
 N8BK h
 K88YV h
 J. Haubner c
 N8HCT f c
 K88IZM f c SK
 W88NHT f c
 K88BDG c
 W88VZZ c
 N8FDN c
 W88OSF h
 N8AWV h
 G. Marquardt h

POINT NETS

Sun. 1300 EDT 147.78/147.18
 Tue. 2000 EDT 147.78/147.18
 Thu. 1930 EDT 21.165 CW
 Fri. 2359 EDT 147.78/147.18

OTHER NETS

Sun. 2200 EDT 21.125 CW
 Mon. 2200 EDT 21.125 CW
 Tue. 2100 EDT 28.400 SSB
 Tue. 2200 EDT 21.125 CW
 Wed. 2200 EDT 21.125 CW
 Thu. 2200 EDT 21.125 CW
 Fri. 2200 EDT 21.125 CW

CONTROL OPERATORS

N8FNO John Wuestewald
 N8FNZ Chuck Boyer
 WD8EKY Don Harris
 W88ONI Vance Dupuis
 W88WVF Bob MacAuley
 K8TOV Walt Gracey
 W88ITJ Jack Withenshaw
 WD8IWE Shirley Harris
 K88F Doug Kaheri
 N8CVC Bill Chesney
 N8IFA Bob Karpinski
 NU8F Joe Lucido
 N8HTV John Skalski

U.S.E.C.A. TECHNICIANS

N8BWG John Miller
 N8BK Bob Krause
 W88SJD Larry Boggs
 W88WVF Bob MacAuley
 W88WWT Gordie Tuzinski
 N8FNZ Chuck Boyer

U.S.E.C.A. VE'S

N8FNZ Chuck Boyer
 N88U Harold Weller
 KD8VJ Don Beckmon
 W88WWT Gordie Tuzinski
 N8ZR Steve Putman
 K88F Doug Kaheri
 NU8F Joe Lucido
 W88GDT Ralph Irish
 NE8V Alex Romig

- FMO Called meeting to order at 7:35
- FNZ Motomed supported by KA8YUJ that minutes from last meeting be approved as written in the Express. Motion carried.
- PJ Motomed supported by KA8YUJ that the Treasurer's report be accepted as read. Motion carried.
- 4KA Introduced program for the evening, Traffic Handling & Net Manager
- 4KA N8AWJ gave the presentation.
- 4KA Gave a review of the Christmas dinner on Dec. 10th. It will be family style with cash bar.
- BWG Gave technical report. Repeater to be down Nov. 15th, to Nov. 16th.
- 3IWM Gave membership report and stated there are 155 members now.
- 3PFY Asked for help with antenna at school to get station on the air for the children. KD8VJ, N8BWC, and KA8YUJ offered to help.
- Nominations of Officers
- President Elect - N8GPP (nominated by KA8ZAI, Sec. by KA8YUJ)
- N8HZZ (nominated by KD8VJ, Sec. by KD8MFM)
- Treasurer - N8FMO (nominated by N8GPP, Sec. by W88WVF)
- Secretary - W88ITJ (nominated by N8BWC, Sec. by N8HIY)
- 3EGV Thanked the club members again for the job done at the swap.
- 3PJ Ran a tape on the Flint Fox Hunt by ARAY Club Nov. 22nd.
- 3YUJ Won the 50/50 drawing of \$19.00 on ticket #258051
- 3PJ Won the 60/40 drawing of \$75.00. Congratulations to both winners.
- Meeting closed on motion by N8HIY.

- N8FNO - Opened meeting at 7:35.
- KA8YUJ - Motomed supported by N8GPP that minutes of Nov. 10th. be accepted as read. Motion carried.
- W88ITJ - Read finance report. Report accepted as read.
- K8MKA - Gave update on the Christmas dinner arrangements.
- N8FMO - Adjourned business portion of meeting in order that a F.C.C. Inspector could discuss rules, regulations, and sundry matters that applied to amateur radio operators. Their van was available for those who wished to see the equipment used in their work. A very enjoyable evening indeed.
- N8FMO - Reopened meeting following coffee break.
- KD8VJ - Motomed supported by WD8LBJ that auto-dial numbers be printed in roster. Motion carried.
- K8MKA - Presented Bob W88WVF the award for winning the fox hunt. Congratulations.
- W88WVF - Gave the technical report. They hope to get rid of the long squelch tail prevalent on the satellite at the present time. It was also felt that the voter needs adjusting. Hopefully, the amplifier will be installed in the next couple of months.
- KD8VJ - Motomed supported by N8GPP that Joe-K8JP be given free membership and auto-patch privileges for his technical assistance. Motion carried.
- K8CFY - Suggested we have a club historian. W8NHT and WD8MFM offered to serve as co-chairman. Thank you gentlemen.
- W88WE - Gave membership report. Asked if there were any novice classes coming up soon. She stated that renewals for membership were coming in well.
- W1APX - Motomed supported by K8CFY that a committee be formed to handle the 'cook book' project. The following members volunteered to serve on the committee. W88WVF, N8BWC, W8BCA, and WD8EKY. A meeting is planned for some time in January.

Respectfully submitted,

W88ITJ - Secretary

Among the many stories of the origin of the Christmas is one of a Bunyan-like and saintly man who felled a mighty tree with one stroke of his axe. When it fell with a loud crash, it split and an evergreen sprang from its center and its tip pointed to Heaven. The saintly man saw this as a symbol of Christ's promise of eternal life. The evergreen was taken into the village where it was decorated for Christ's birthday. The practice spread into the other communities and into houses, being continued hundreds of years into our own time.

Respectfully submitted,
W88ITJ - Secretary

- W88WVF - Motomed supported by KA8YUJ that N8FMO and W88ITJ be elected to the office of Treasurer and Secretary respectively by acclamation. Motion carried. N8GPP was elected President-Elect. By a vote of 21 to 4, it was agreed that the Board's suggestion for funeral donations be accepted.
- N8HZZ - Won the 50/50 drawing of 17.00 dollars. Congratulations Marv. Meeting adjourned at 10:03

New Business

MERRY CHRISTMAS & HAPPY NEW YEAR TO ALL.



EDITORIAL - SEASON'S GREETINGS

Throughout the country the Thanksgiving-Christmas Season is the most important time of the year. A time for family & friends to renew the bonds of affection; for gift giving; for relaxing and enjoying the fruits of our toils; for lending the helping hand of friendship; &, for us hams- an opportunity to extend ourselves via radio to the rest of the world. " Charity begins at home" the saying goes; but for the Ham, home really is the world; so his 'charity' can be at home in various ways like the Talk To Santa projects and other civic related charitable undertakings, or it can be world wide- like msg handling, participation in RACES or MARS and the like; or simply the enjoyable 'handshake-across-the-pond' in friendly DX-ing. And all in the pursuit of a hobby! Who else but HAMS have it so good?

I personally hope that all of you have enjoyed a wonderful Thanksgiving, and that the coming Christmas season will be both favorable & enjoyable to you in the pursuit of your hobby. However, let us not be too materialistic. We are fortunate in that we enjoy an abundance of wealth in all of our 'gadgets', but let's not forget the true meaning of CHRISTMAS -spiritual, not material. I hope Santa treats you well (a Paragon in every stocking, -or at least a PK232-); and I hope you remember HIM as well.

MAY YOU ALL ENJOY A MERRY, HAPPY, PROSPEROUS, DX-FUL, & HOLY, MEANINGFUL the best CHRISTMAS SEASON EVER!

JERRY, K8CFY

EDITOR, USECA EXPRESS

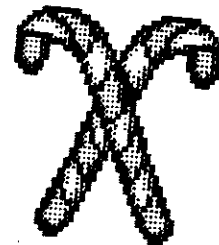


**THANKS
THANKS
THANKS**



**TO ALL THE COLLATORS,
STAPLERS & MAILERS;
ASSOCIATE EDITOR, K8BVJ
AND ESPECIALLY TO THE FOLLOWING
CONTRIBUTORS TO THIS ISSUE:**

**K8MKA, WB8ITJ, WB8WVF, WB8QNI,
N8BWG, KA8TOV, WORLD RADIO, GROUNDWAVES
THE WIND RIVER RENDEZVOUS**



**JOE LUCIDO - NUBF
SILENT KEY
11-28-1987**

YES, JOE IS SILENT NOW, HAVING SUFFERED A FATAL HEART ATTACK WHILE DRIVING HOME FROM HIS WEEKLY 'SATURDAY NIGHT OUT WITH THE Key Clickers'. BUT JOE, AS MOST OF YOU KNOW I AM SURE, WAS NOT A SILENT HAM BUT A VERY ACTIVE ONE THAT THOROUGHLY ENJOYED HIS RADIO.

ACTIVE IN DX - PACKET - AND 2 MTR CHATTER.

ACTIVE IN ALL CLUB FUNCTIONS ; (2 CLUBS IN FACT).

JOE WAS A VOLUNTEER EXAMINER, AND VERY INTERESTED IN HELPING ANYONE OUT IN ANY WAY WHETHER IT HAD TO DO WITH RADIO OR NOT.

HE WAS A 'HAM'S - HAM ; FRIENDLY, ENCOURAGING, AND HELPFUL ; BECAUSE JOE LOVED LIFE, AND LIVED IT THROUGH AMATEUR RADIO.

WE SHALL ALL MISS JOE ; BUT REFLECT ON THE THOUGHT THAT YOUR LIFE IS RICHER FOR HAVING KNOWN HIM; AND HIS SUPER MELODIOUS VOICE WILL NEVER BE SILENT IN YOUR MEMORY.

**THE U.S.E.C.A. CLUB, AND AMATEUR RADIO HAS LOST A LOT OF FRIENDS
RECENTLY THIS YEAR WITH THE DEATHS OF
JOHN PALMER, WD8LBH
SCOTT MACAULEY
VERNA SOKOLOWSKI, KABRHP
JOE LUCIDO, NUBF**

**LET'S ALL HOPE AND PRAY THAT 1988
WILL BE KINDER TO ALL.**

Local Phone Nets

Day	Time	Name	Freq
Sun	2000	Traders Net	145.25-
		Hazel Park	28.400
	2100	Garden City Club	146.86-
		Hazel Park	147.51
2215	S.E.M.T.N.	145.33-	
Mon	1900	10 Meter Fm	29.640
			444.975
			145.33-
	2215	S.E.M.T.N.	145.33-
Tues	2000	U.S.E.C.A.	147.18+
	2100	Semara	146.74-
		Motor City	147.24+
	2215	S.E.M.T.N.	145.33-
Wed	2000	Spirit of 76	146.76-
		Oak Co. ARPSC	147.16+
			145.25-
	2100	Wayne Co. ARES	145.33-
2215	S.E.M.T.N.	145.33-	
Thur	2000	Clarkston	146.84-
		Traders Net	28.375
		L'anse Creuse	147.08+
	2100	Edison	145.33-
2215	S.E.M.T.N.	145.33-	
Fri	0000	Hooters Net	147.18+
	2215	S.E.M.T.N.	145.33-
Sat	2215	S.E.M.T.N.	145.33-

Local CW Nets

Day	Time	Name	Freq
Mon	1930	L'anse Creuse	21.165
Tues	2000	Hazel Park	21.155

This information was taken from The Radio Amateur Waveguide, a publication sponsored by the Oak Park ARC and edited by Keith, N86QV. (re edited by WBBWWT)

Exam Schedule

Date	Location	Contact
12-05-87	Port Huron	2
12-17-87	Trenton	1
12-19-87	Albion	4
01-16-88	Albion	4
01-09-88	Dearborn	1
02-20-88	Albion	4
02-07-88	Dearborn	1
03-12-88	Port Huron	2
03-19-88	Albion	4
03-05-88	Dearborn	1
05-07-88	Dearborn	1
06-11-88	Port Huron	2
07-09-88	Dearborn	1
09-10-88	Port Huron	2
09-17-88	Dearborn	1
11-05-88	Dearborn	1

Contact Information

- (1) Motor City Radio Club
PO Box 337
Wyandotte, Mi. 48192
676-6248
- (2) Lee Vander Esch
1925 Pine St.
Port Huron, Mi. 48060
- (3) George King
10885 Dehmel Rd.
Birch Run, Mi. 48415
- (4) Cars Testing
PO Box 92
Pleasant Lake, Mi. 49272



OUR SINCEREST GRATITUDE TO MR. DEE EHRET, THE ELECTRONIC TECHNICIAN FROM THE F.C.C. OFFICE IN FARMINGTON HILLS, WHO SPOKE AT OUR LAST MEETING AND DEMONSTRATED THE CAPABILITIES OF THE FAMOUS "SILVER VAN" TO ALL INTERESTED PARTICIPANTS WHO BRAVED THE SOMEWHAT WET AND DRIZZLY EVENING! ALTHOUGH PRIOR NOTICE OF HIS COMING DID NOT GET PUBLICIZED IN THE EXPRESS, WORD-OF-MOUTH VIA THE REPEATER ENSURED A VERY GOOD TURN-OUT OF MEMBERS.

CINEMA SIGNALS

LESS THAN ZERO Rated R for language, drugs and sex. My first impulse is to dismiss this one as being "Less Than Zero". However, it may have some value in showing the futility of drug use. It's preceded by an anti-drug promo, done by new film star, Rae Dawn Chong (Whose name I misspelled, last month). Robert Downey and Jami Gertz provide support for Andrew McCarthy whose popularity is, something of a mystery, to me. His facial expressions never seem to correspond to the situation he's in. RST/383

HELLO AGAIN Rated PG. I wasn't expecting too much from a "Return from the Dead" film. However, Shelley Long brings klutzy humor to the, slightly macabre, plot in which her wierd sister, who dabbles in magic, brings her back from the grave, exactly one year after she chokes on a chicken ball. Light entertainment only. RST/367

BABY BOOM Rated PG. Another film from which I was expecting little. I'm not a Diane Keaton fan. The film turns out to be warm, humorous and, generally, uplifting. Old-timer, Pat Hingle, provides support as a business tycoon, attempting to take over Keaton's burgeoning Country Babyfood operation. A pleasant surprise. RST/488

Three Men and a Baby The temptation is to, simply, state that this film was directed by Leonard Nimoy, and let it go at that. However, I don't suppose that would inform **everyone** that this is a very good picture. It is a Disney/Buena Vista release, which should, also mean something. The actors are personable and engaging. The plot line is cute, if not too original. The direction is done with wit, warmth and sensitivity. PG. RST/589

Wall Street

This is a "Heavy" film. It's intense, urgent and illustrative of human greed and mendacity. Martin Sheen, his son, Charlie, Daryl Hannah, Terrence Stamp, Michael Douglas and a good, supporting cast carry this picture along for a full one hundred twenty-six minutes. It doesn't seem over-long, however because it's fast-paced and interesting as it gives us a rare view of the seamy side of high roller action in the stock market. It's rated R for brief nudity, violence, sexual content and inuendo and for language. Powerful stuff, but not for all. RST/587

Flowers in the Attic

I'm ambivalent about this one. On the screen, it seems gloomy, dark and somber. Not a felicitous movie-going experience. However, it does follow the book more faithfully than most cinematic adaptations and audience reaction is mixed to good. Rated R for violence, sadism and rudeness. Not, really, my type. RST/377

MARKET PLACE



WA1APX/8-BILL ROVAS 781-9717:
 TENTE TRITON II, cw filter, 262 PS, mic,.....EXC \$300
 TET HB435P TRIBANDER.....EXC 150
 HEATH HW14 SERIAL PRINTER..... 50
 HEATH SB200.....EXC. 275
 HEATH SB301 and SB401.....GOOD 275

NBZR - STEVE PUTMAN 254-4538:
 RG 59B Foam Coax..... Asking \$0.05/ft.
 Twin-RG 59B..... " " .10/ft.
 (Most are random lengths, average about 90 ft. ea....
 (editor))

FOR SALE FOR SILENT KEY

Heathkit SB201 1kw Amp.....VGC \$325
 Heathkit SB630 station console.....VGC 75
 TI-99/4R Computer, Kontronics Hamsoft,
 MFJ-1224 cw/rtty Interface.....VGC 125
 MFJ-1274 Packet TNC.....LN 120
 Vibroplex Bug and electronic keyer.....VGC 75
 Kenwood PC-1R Phone PatchGC 40
 30FT. Alum tower/Ham II rotor/Dual
 thrust bearings.....GC \$350

Contact RALPH, KBYDJ 469-3308 evenings

WHAT KIND OF COVERAGE DOES THE U.S.E.C.A. REPEATER GIVE ITS USERS ?

AS YOU MIGHT HAVE NOTICED , YOUR TECH. STAFF WAS BUSY ON THE WEEKEND OF NOVEMBER 13-16. THE REPEATER WAS TAKEN OUT OF SERVICE. SOME CHANGES WERE MADE, THAT YOU THE USER WILL NOTICE. THE SATELLITE WAS INSTALLED AT S.A.N.G. BASE, ON NOV. 16. IT WILL BE OPERATING ON A TRIAL BASIS. YOU WILL NEED A PL FOR ACCESS TO THE SATELLITE RCVR. SOON WILL COME THE ADDITION OF AN AMPLIFIER . BELOW YOU WILL FIND A FEW QUESTIONS THAT SHOULD BE ANSWERED. IF YOU CAN, TURN THEM IN AT THE NEXT MEETING. OR SEND THEM TO ME.

THANK YOU

JOHN, NB8WG

WHERE DO YOU LIVE ? (CITY & CROSS STREETS).....

 WHAT TYPE OF ANTENNA DO YOU USE ?.....

 HOW HIGH IS YOUR ANTENNA ?.....

 WHAT KIND OF RADIO DO YOU USE ?.....

 HOW MUCH POWER ?.....

 WHAT KIND OF SIGNAL DO YOU RECEIVE FROM THE REPEATER ?.....

 DO YOU HAVE TROUBLE GETTING INTO THE REPEATER ?.....

 ARE YOU USING THE SATELLITE ?.....

 IF SO, IS IT MAKING A DIFFERENCE ?.....

 COMMENTS & SUGGESTIONS :.....

..FREQ.....	..CALL SIGN..	..LOCATION.....	..NOTES.....
28.050.	PY2G0B	Sao Paulo, BRAZIL	15w, vertical antenna
28.175	VE3TEN	Ottawa, ONTARIO	
28.195	IY4M	Bologna, ITALY	20w, 5/8 GP antenna
28.200	GB39X	Crowborough, ENGLAND	8w, dipole
28.200	K4FMS	St. Petersburg, FLORIDA	75w, GP antenna
28.201	LU8ED	ARGENTINA	5w
28.2025	ZS5VHF	Natal, R.S.A.	5w, GP at 1,850' ASL
28.205	DLOIGI	WEST GERMANY	100w, vertical dipole
28.2075	WBFKL	Venice, FLORIDA	10w, vertical antenna
28.208	WA1IOB	Malboro, MASSACHUSETTS	75w, vertical antenna
28.210	3B8MS	MAURITIUS	GP antenna
28.210	K4KMZ	Elizabethtown, KENTUCKY	20w, vertical antenna
28.2125	ZD9GI	GOUGH ISLAND	GP antenna
28.215	GB3RAL	Slough, Berkshire	20w, GP antenna
28.215	LU4XI	Cape Horn	
28.2175	WB9MVY	Oklahoma City, OK.	4w, GP antenna
28.220	5B4CY	CYPRUS	26w, GP antenna
28.222	W9UXD	Chicago, ILL.	10w, GP antenna
28.225	HG2BHA	Tapolca, HUNGARY	10w, GP antenna
28.2275	EA6AU	Mallorca, Balearic IS.	10w, 5/8 GP antenna
28.230	ZL2MHF	Mt. Climie, NZLND	50w, vertical dipole
28.232	W7JPI/AZ	Sonoita, AZ.	5w, 3 el. YAGI
28.2325	KD4EC	Jupiter, FLA.	7w, GP antenna
28.235	VP9BA	Hamilton, BERMUDA	10w, GP antenna
28.2375	LA5YEN	Oslo, NORWAY	10w, 5/8 GP antenna
28.240	OA4CK	Lima PERU	10w
28.2405	5Z4ERR	KENYA	
28.2425	ZB1CTB	Capetown, SOUTH AFRICA	20w, 1/4 vertical
28.245	A92C	BAHRAIN	NW/SE dipole
28.2475	EA2HB	SPAIN	6w, GP antenna
28.248	K1BZ	Belfast, MAINE	5w, vertical dipole
28.250	ZZ1ANB	Bulawayo, ZIMBABWE	15w, GP antenna
28.253	WB4JHS	Greensboro, N.c.	7w, vertical
28.255	LU1UG	Grafi Pico, ARGENTINA	5w, GP antenna
28.2575	DK0TE	Arbeitsgen, W.GERMANY	40w, GP antenna
28.260	VK5WI	Adelaide, SA, AUSTRALIA	10w, GP antenna
28.262	VK2RSY	Sydney, NSW, AUSTRALIA	25w, GP antenna
28.264	VK6RWA	Perth, WA, AUSTRALIA	
28.266	VK6RTW	Albany, WA, AUSTRALIA	
28.2685	W9KFO	Eaton, INDIANA.	3/4 w, vertical
28.270	ZS6PW	Pretoria, SOUTH AFRICA	10w, 3el YAGI on G-land
28.270	VK4RTL	Townsville, QL, AUSTRALIA	
28.2725	9L1FTN	Freetowne, SIERRA LEONE	10w, vertical dipole
28.275	AL7GQ	Jackson, MISSISSIPPI	0.5/1w, Broadside Loop
28.2775	DF0AAB	Kiel, W. GERMANY	10w, GP antenna
28.280	LU8EB	ARGENTINA	5w
28.284	VP8ADE	Adelaide Is, NR Antarctic	8w, v-beam to G-land
28.286	KA1YE	Rochester, NEW YORK	2w, vertical dipole
28.287	WB0MV	Ashville, NORTH CAROLINA	5w, GP antenna
28.287	H44SI	SOLOMON ISLANDS	15w
28.288	W2NZH	Moorestown, NEW JERSEY	3w, GP antenna
28.290	VS6TEN	HONG KONG	10w, vertical
28.2925	LU2FFV	San Jorge, ARGENTINA	5w, GP antenna
28.296	W3VD	Laurel, MARYLAND	1.5w, vertical dipole
28.299	PY2AMI	Sao Paulo, BRAZIL	10w, vertical dipole
28.300	ZS1LA	Stilbay, SOUTH AFRICA	20w, 3el. YAGI NW
28.315	ZS6DN	Inene, SOUTH AFRICA	100w, vertical antenna
28.888	W6IKT	CALIFORNIA	5w, GP ant. CW Practice
28.890	W99GE	Freeburg, ILLINOIS	

BELOW ARE SOME SUGGESTED "RULES" FOR HF PACKET OPERATION. MANY NEWCOMMERS TO HF PACKET (AND A FEW OLDTIMERS TOO) SEEM TO BE UNAWARE OF THE PROBLEMS THEY ARE CAUSING BECAUSE OF POOR OPERATING PROCEDURES AND PRACTICES ON HF PACKET. WITH THE TREMENDOUS INCREASE IN THE NUMBERS OF HF PACKETEERS THE ALREADY OVERCROWDED PACKET CHANNELS ON 20 METERS WILL BECOME ALMOST USELESS UNLESS WE ALL COOPERATE AND TRY TO FOLLOW SOME OF THESE BASIC "RULES."

- 1) DO NOT CALL CQ OR CONDUCT QSOS ON 14107, 14109 AND 14111. THIS IS ESPECIALLY IMPORTANT BECAUSE THIS IS WHERE THE BBS STATIONS IN ASIANET FORWARD MESSAGE TRAFFIC AND BULLETINS BETWEEN ASIA, AUSTRALIA, NEW ZEALAND, HAWAII AND THE U.S. MAINLAND. PACKET QSO'S MAY TAKE PLACE ON 14103, AND 105. IF YOU SEE SOMEONE ON 14107 OR 109 OR 111 THAT YOU WANT TO WORK MOVE THEM TO ONE OF THE OTHER FREQUENCIES AFTER YOU CONNECT WITH THEM. SYSOPS SHOULD GIVE ONLY LIMITED PRIVILEGES TO USERS ON HF UNLESS THEY REQUEST A HIGHER STATUS. BBS USERS SHOULD AVOID DOWNLOADING VERY LARGE FILES ON HF.
- 2) DO NOT RUN A BEACON ON HF PACKET UNLESS YOU ARE A BBS OR GATEWAY. BBS AND GATEWAY STATIONS SHOULD BEACON NO MORE THAN EVERY 15 MINUTES BUT EVERY 30 MINUTES WOULD BE EVEN BETTER. ACTIVE BBS AND GATEWAYS NEED NOT SEND ANY BEACONS.
- 3) DO NOT ATTEMPT TO DIGIPEAT ON HF PACKET UNLESS ABSOLUTELY NECESSARY. SOMETIMES PROPAGATION CONDITIONS NECESSITATE DIGIPEATING WHEN NO DIRECT PATH IS POSSIBLE. KEEP PACKETS AND QSOS SHORT WHILE DIGIPEATING ON HF. AVOID DIGIPEATING WHEN OTHER STATIONS ARE USING THE FREQUENCY. AVOID USING THE FREQUENCY WHEN YOU OBSERVE STATIONS IN THE DIGIPEAT MODE. ALL THE ABOVE SHOULD PREVENT "DIG-AGONY" (MY TERM) FROM SETTING IN, HI!
- 4) MAXIMUM TRANSFER OF INFORMATION OCCURS WHEN JUST TWO STATIONS OCCUPY A FREQUENCY. THE MAXIMUM NUMBER OF STATIONS THAT AN HF PACKET CHANNEL CAN SUPPORT WITH REASONABLE THROUGHPUT IS FOUR (4). WITH THIS IN MIND, HF STATIONS SHOULD NEVER TRY TO WORK MORE THAN ONE STATION AT A TIME IN A MULTI-CONNECTED MODE. ALSO, ALWAYS MONITOR THE FREQUENCY FOR A FEW SECONDS BEFORE YOU MAKE YOUR CALL TO MAKE SURE IT IS NOT BEING USED BY OTHERS. LISTEN WITH YOUR EAR AS WELL AS YOUR TNC!
- 5) SUGGESTED PARAMETERS FOR MOST EFFICIENT OPERATION ARE:
MAXFRAME 1, FRACK 3, & PACLEN OF 32 TO 64.
- 6) AVOID TESTING AND EXPERIMENTING ON 14107, 14109 AND 14111.
- 7) USE 15 OR 10 METERS IF POSSIBLE TO DO YOUR TESTING.
- 8) KEEP IN MIND THAT ON 14111 AND 14109 THERE ARE NUMEROUS BBS SYSTEMS. THESE SYSTEMS ARE PRESENTLY RUNNING ON FCC APPROVAL AND ARE ALLOWED TO RUN 24 HOURS A DAY UNATTENDED. DO NOT TRY TO CONNECT TO ANY OF THESE SYSTEMS AS THEY ARE BBS CONNECTS ONLY, AND ARE FOR MESSAGE TRANSFERS.
- 9) FOLLOW THE RULES ABOVE AND ENJOY HF PACKET.

This article appeared in The Cincinnati Enquirer 'HAM CALL' column December 28, 1986

Reprinted with permission.

Bill Ake, WD8PRH, has put repeater systems into another dimension and redefined the term 'local' communications. He can answer any question about his complicated, \$75,000 system except why does he do it.

Repeaters are retransmission stations that take weak signals, usually from automobile or handheld radios, and send out a much more powerful signal usually intelligible 30 to 50 miles away. Telephone capabilities and radio bulletin boards also are part of repeater systems, which have simplified local communications among amateur radio operators.

But Ake, of the Fairfield Amateur Radio Association (FARA) built and designed a system with 14 remote receiver sites that extends local automobile and handheld communications from Greater Cincinnati to Indianapolis, Lexington, Ky., Louisville and Columbus, Ohio.

Perhaps 80 repeaters operate in that coverage area, but Bill's wide-area system on 145.19 is the talk of each city. To put this in perspective, the Washington-Baltimore system has eight remote sites, Philadelphia-New York has but 10 and information about other such systems is unavailable if such systems exist. The FARA system has an ingredient, which Ake designed, that the others do not have. Each remote receiver site has its own individual identifying letter (in Morse code). When an Indianapolis ham is conversing with a colleague in Dayton (through the Fairfield system) each transmission from Indianapolis identifies with an "I" and the Dayton station identifies with a "V" for Vandalia, the remote site just north of that city. The system began in August, 1983, with a Fairfield transmitting site and four remote receivers. This month, a second city transmitter, at Columbus (Ohio), was permanently linked and Indianapolis as a transmitting site is scheduled to be the third. The number of remote receiver sites will top off at 16 when current plans are completed. Few people appreciate how complicated the 1-9 system is. Each remote site has a receiver on 145.19 input, a transmitter in the 440 band to link with Fairfield, an audio coupler board, a remote delay board, a power supply and a feedline and antenna system. Seven electronic systems at each of the 14 locations- all require normal maintenance and repair. Some are as far as 95 miles away. Even a driven man like Bill Ake admits a system of this magnitude cannot be completed alone. Numerous FARA members have contributed money, time and equipment. But three hams who stand out are Jack Meyers, W3RU, (who moved from the area last year); Harlan (Hoot) Gibson, KD8ZW, Colerain Township; and Bob Pearson, NK8T, Loveland. Mike Seyers, Of Combined Tower Technology, has contributed antenna and tower service that can only be described as a labor of love. But why? "A number of us saw a need to communicate among the major cities in the Tristate," Ake said, "and, of course, in the case of a major emergency, this equipment is in place ready to serve." Ake's files contain letters from civic groups, public service organizations, civilian authorities (federal and local) and businesses; all of whom saw the same need and helped out.

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Downloaded from the Dart Board Phone BBS By WB8WWT.

Mosley Electronics, Inc.
1344 Baur Blvd.
St. Louis, Mo. 63132

WA1APX/8
Bill Rovas
7002 Rickett Dr.
Washington Twp Mi
48084
1 DEC 1987

To My Fellow Hams & The Gang at Mosley,

I wanted to make this information available to anyone remotely considering the purchase of the Mosley PRO-57 or 67. For most hams like myself, it will be the biggest decision of a ham radio career. Having transferred all over the U.S. and once operated as a portable DU2 during the 1978 to 1980 sunspot cycle, I was now no longer in demand as a rare contact. I felt lonely! (hi,hi). It took me years to achieve a 70' tower with a four element tribander on a 20' boom. The set-up worked quite well for Dx, but pile-ups and Dx window time appeared to present noticeable limitations while competing with other area hams. Much to my wife's distress, I left the Dayton Hamvention as a new owner of a PRO-67. Having successfully operated a Mosley TA33sr from my dad's qth for twenty years, I hoped that they still produced a quality product for the \$600 I was spending.

The antenna arrived by UPS in three boxes. Upon locating the directions, I gave them a quick review, and started popping open the boxes. I should have spent a little more time studying the directions. Fortunately, I had reserved the head of my driveway as a short-term building area. I also had two sawhorses later used for supporting and aligning the boom and the most valuable tool of all, an electric screw driver. Don't laugh! 32ea 1 1/4" screws on a hot day are no fun to do the old fashioned way. All the material is color-coded, so set up separate piles for each. All material was there, but four trap end caps were found to be cracked. Customer service on the 1-(800) line was quick to respond (three day UPS), but I just couldn't wait for replacements. Coax putty seal tape provided a quick-fix which on inspection six months after use appears to have provided a more than temporary fix. After four and one half hours of solo assembly, I was ready to hoist it. Where were my volunteers at 9:00 pm? If I had studied directions better, assembly time would have been faster. Having overcome the learning curve, a second PRO-67 could probably be assembled in under three hours.

Willing workers were drafted the following day. A fellow ham, my reluctant xyl, and 11 year old son were mustered with Gin pole, hard hats and climbing belt in hand. Beg, borrow or steal a gin pole and the job can almost be a piece of cake. Both driven elements were mounted after the boom was in place at 70 feet.

Performance: My ham equipment does not operate the WARC bands so operation remained primarily on 40, 20, 15, and 10 from Michigan. SWR from band edges never exceeded 1.7:1, and was usually below 1.4:1. My solid state rig loves it. On 40 meters, there is noticeable front to side nulling, some front to back (depending on radiation angle), and the antenna works better than a dipole or inverted vee at this height. Signal reports are usually excellent. I have no difficulty making QSOs or working Dx on 20 meters with 85 watts ssb output. The antenna has also been quite formidable in pileups, especially in conjunction with a light duty linear amplifier (600pep). In a matter of months without seriously persuing a DXCC or chasing South American Dx, I have worked over 77 countries including Syria, Turkey, Oman, Qatar, Kuwait, Saudi Arabia, Greece, Cyprus, Indonesia, and others you read about in the Dx columns. 20 meters is not dead! On many occasions, the pile-up is on me.

It gives you a good feeling to have that happen. The antenna has survived three big thunderstorms with winds up to 85 mph. I look forward to many more fine years of Dx with the PRO-67.

Recommendation: If I were considering replacement of a tribander, or buying an antenna for a 40 foot or larger tower, I would not hesitate to purchase another Mosley. To the folks at Mosley, keep up the good work!

73's
BILL ROVAS
WA1APX/8

ROPTS:

IT SHOULD BE OF INTEREST TO ALL U.S.E.C.A.N.'S THAT THIS JAN 12th MARKS THE 3rd ANNIVERSARY OF THE BEGINNINGS OF YOUR PRESENT ORGANIZATION; FOR ON THIS MEMORABLE NIGHT A GROUP OF PIONEERS GATHERED TOGETHER (ON THE AIR) FOR THE FIRST TIME, AS A NET. THE RPTR WAS AT THE HOME OF JOHN PIZUTTI (WB8NHT). THE FOLLOWING IS EXCERPTED FROM HIS LOG:

DATE	TIME IN/OUT	STN WRKD FWR	MODE	FREQ MHZ	REMARKS
Jan 12 85	-	K8SKTV	-	FM 146.550	JOHN MOORE, UTICA
Jan 12 85	-	K8BIZM	-	FM 146.550	JOE STEELE
Jan 12 85	-	WB8NHT	-	FM 146.550	JOHN PIZUTTI -NCS
Jan 12 85	-	WB8QNI	-	FM 146.550	VANCE DUPUIS
Jan 12 85	-	K9QLR	-	FM 146.550	RICH BREGE

WAVE

WAVE

*Drawn
RBCfy
and Editorial
Staff 1988*

SOUTHFIELD HIGH SCHOOL'S

AMATEUR RADIO CLUB

PRESENTS

THE 22ND ANNUAL

SWAP & SHOP

SUNDAY, JANUARY 24, 1988

8:AM TO 4:PM

SOUTHFIELD HIGH SCHOOL

24675 LAHSER

SOUTHFIELD, MICHIGAN 48034

TICKETS

\$3.00

RESERVED TABLES MUST BE PAID IN ADVANCE

8-FOOT TABLE \$10.00

SEND A SELF-ADDRESSED STAMPED ENVELOPE

ALL TABLE RESERVATIONS WILL BE CONFIRMED WITH LOCATION, TABLE NUMBER, AND BEST ENTRANCE FOR UNLOADING.

NOTE:

RESERVATION FORM MUST BE RECEIVED BEFORE JANUARY 10, 1988

SEND FORM BELOW TO ROBERT YOUNKER, IN CARE OF THE ABOVE ADDRESS

FOR INFORMATION CALL 313-423-8814 10:30AM TO 3:PM

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE () _____

DO YOU NEED ELECTRICITY YES () NO ()

WALL SPACE YES () NO ()

NUMBER OF TABLES (AT \$10.00 EACH) _____

NUMBER OF TICKETS (AT \$3.00 EACH) _____

IF YOU ARE RESERVING TABLES, PLEASE BUY YOUR TICKETS IN ADVANCE IN ORDER TO SAVE CHECK-IN TIME...

TOTAL ENCLOSED _____

Mosley Electronics, Inc.
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73's
BILL ROVAS
WA1APX/8



"We the People" WAS Award Application



PLEASE PRINT

Call: _____ Name _____
(Print exactly as you want it to appear on certificate)

Shortwave listeners check here

Address _____
(Number and street)

(City, State/County, ZIP/PC)

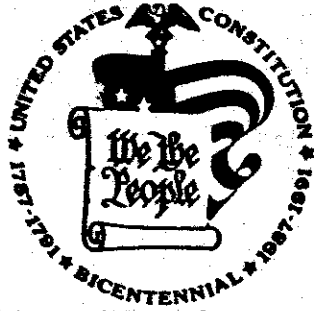
POSTAGE/HANDLING

- \$5 US cash/check enclosed
- Non-US may send 12 IRCs

RULES

- 1) The Bicentennial period to qualify for the "We the People" Worked All States is from 0001 UTC September 17, 1987 through 2359 UTC December 31, 1988. All contacts must be made during this period.
- 2) The "We the People" WAS is awarded for working all 50 of the United States in commemoration of the Bicentennial of the US Constitution. Certificates are dated, but not numbered.
- 3) Contacts may consist of any combination of bands/modes (no 10 MHz).
- 4) No endorsements are offered, with two exceptions: (1) a special "Heard All States" endorsement is offered to non-licensed shortwave listeners (SWLs); (2) a "200" endorsement will be provided after December 31, 1988 to those who have additionally succeeded in working special Bicentennial club "200" call signs from all states. This endorsement will be provided after the

- original certificate has been issued. Details on how to apply will be provided at a later date.
- 5) The applicant certifies on the official application the authenticity of log extract information for contact with all 50 states. No QSL cards are required.
 - 6) The "We the People" WAS is separate and distinct from the traditional WAS Awards program. Qualifying for the "We the People" WAS certificate does not provide any credit for the traditional WAS Award.
 - 7) The "We the People" WAS certificate is available to ARRL members and non-members alike.
 - 8) Applicable rules of the WAS program, such as fair play and good sportsmanship, apply to the "We the People" WAS Award.
 - 9) Applications for the "We the People" WAS must be submitted no later than December 31, 1989. For further details on this award, see September 1987 QST, pp 14-16.



I hereby AFFIRM that I have read, understood and abided by all the Rules of the "We the People" WAS Award as detailed above. I further CERTIFY that the log extract information contained in this application is correct and true in every respect as copied from my station log and that I have established two-way communication with all 50 of the United States during the US Constitution Bicentennial period.

Signature _____ Date _____ 19 _____

DIRECTIONS TO APPLICANT

1. Read the "We the People" WAS Rules above carefully.
2. Fill out BOTH sides of this application.
3. CERTIFY this application with your signature and date.
4. Enclose \$5 US cash or check. Non-US amateurs may send 12 IRCs.
5. Send completed application to:
"We the People" WAS Award
American Radio Relay League
225 Main Street
Newington, CT 06111 USA

DO NOT SEND ANY CARDS TO ARRL HEADQUARTERS

ARRL Liaison Report

Back at the October meeting, somehow I was volunteered to be the ARRL Liaison. Now, the guilty party and lynch mob know who they are. HI It has worked out for good, as there is information which the club members should know about, but it wasn't getting to everybody. One thing is the "We The People" WAS Award Application. This is a one time thing you can try for. Another item is the Activity Report which you send to the Section Manager(SM). If you read the Section News in the back of QST, that is where most of this information goes to, from the Activity Reports. It also is a good way to get your call in print when you handle traffic. A copy (front & back) is furnished here which you can use. If you don't want to cut up your copy of the USECA Express, I will get enough cards for everybody interested. It is usually best to send the report to the SM at the end of each month. N8ZR

ACTIVITY REPORT

Amateur Radio Station _____ To SM of _____ ARRL Section

Appointment(s) _____ Month _____

TRAFFIC*	
Originated _____	
Received _____	
Sent _____	
Delivered _____	
Total _____	
<input type="checkbox"/> Single Op. <input type="checkbox"/> Multitop.	
<input type="checkbox"/> Check box if radio-programmed to STM	

Major Activity: _____

SCHEDULES AND NET AFFILIATIONS: *Time* *Frequency*

Significant information for the *Section News* column:

(Please print)

Signed _____

**Originated*: A message originated by someone other than yourself, filed for initial transmission at your station. *Received*: Any message received over the air at your station. *Sent*: Any message sent over the air from your station. *Delivered*: Any message received at your station and delivered to someone other than yourself.

FSD-210 (5/86)

Printed in U.S.A.

Public Service Honor Roll

This listing is available to amateurs whose public service during the reported month qualifies for 60 or more total points in the nine categories below. Please note the maximum points for each category. (Novices and Techs qualify with 40 or more points).

Category Key: (1) Checking into cw nets, 1 point each. (2) Checking into phone/RTTY nets, 1 point each. (3) NCS cw nets, 3 points each. (4) NCS phone/RTTY nets, 3 points each. (5) Performing assigned NTS Liaison, 3 points each. (6) Delivering a formal message to a third party, 1 point each. (7) Handling an emergency message, 5 points each. (8) Serving as net manager or emergency coordinator, 5 points. (9) Participating in a public service event, 5 points each.

Category	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Maximum points	30	30	12	12	12	5	5	5	5
Points earned	-----								

Single Op. Multitop. Total = _____

I certify the above to be true and correct.

Signature _____

Call _____

VOLUNTEER EXAMINATIONS ANNOUNCEMENT

This is a great time of year approaching to upgrade. If you think it is too cold or too windy or whatever, you can hibernate with your study guide and your code practice. This also gets you going for field day. To accomodate you folks who are chomping at the bit to upgrade, we will have a test session on February 27 in the basement of the Utica public library commencing at 0900 with all elements offered. Walkins will be admitted on an as available basis, based on the number of test copies and seats. If you desire to preregister, which guarantees a test and a seat, give the 610 and \$4.55 to me or mail it to my adr as listed in the USECA directory. If you write a check, make it out to ARRL/VEC. Be sure to bring your original license and a photo ID, such as a driver license or work badge, as you cannot be tested without it.

You Extra Class members who are not VEs yet, you will find it worth your while to become certified. It will also help to have more VEs, since we lost a very good VE in the form of NU8F. It is very satisfying to hold exams and watch people improve themselves. N8ZR

Wed., Nov. 4, 1987

Dayton Daily News and Journal

ELECTION '87

Hara Arena loses bid to regain its liquor license

By Rob Miodic
STAFF WRITER

Hara Arena won't be able to serve liquor but it will continue to serve up entertainment, its officials said in the wake of three narrow defeats on issues that would have restored liquor sales in the precinct.

"It's not going to cripple Hara Arena," said Johnny Walker, executive vice president of Hara. "We were a viable part of the community before we had a liquor license and we will continue to be. We're obviously disappointed."

It is the second vote in a year to make the arena dry.

At the other end of the precinct, Betty Rau and other neighbors, who have urged voters to yank Hara's liquor permits, toasted their victory with champagne.

"That's probably bad form," Mrs. Rau said. "Somebody just brought a bottle of champagne and said, 'Isn't this appropriate?' But we worked so long and so hard, we were so upset about when our right to vote was messed up."

There were three issues on the ballot. The option for sale of wine failed 151-138; the option for liquor by the glass failed 146-143; and the option for beer failed 150-138.

A year ago, about 60 percent of the precinct's voters approved issues designed to cut off sales of liquor by the glass, beer sales, carry-out sales and state liquor stores.

Hara Arena officials, contending the loss of alcohol sales would affect business and force layoffs, went to court to challenge certification of the 1986 election. The court action kept the voters' wishes from going into effect until recently.

The arena dropped its court challenge to the 1986 vote in September, and on Oct. 14 the liquor department revoked the arena's liquor license.

While state law bans reconsideration of a liquor issue for four years, a clause in an amendment to the state liquor law that was approved following the 1986 vote gave Hara a one-time-only second chance this year. Tuesday's outcome would appear to ban liquor sales at the arena at least until 1991.

Petitioners supporting the arena

gathered enough signatures to place the liquor sales question on the ballot over the objections of residents who supported the 1986 vote banning the sales.

On Friday, Hara owner Ralph Wampler signed an agreement with members of the committee that had circulated petitions for that election.

The agreement said that after concerts at the arena, the staff would corral off the neighborhood to the north where opposition to alcohol sales was most entrenched. Also, Hara would maintain a litter patrol, set aside money for landscaping and street improvements, set up a citizens advisory committee and continue to publish its local newsletter.

Walker said after the election results Tuesday that Hara would honor its agreement.

"We will meet the commitments we made prior to the election," Walker said. "We obviously are going to have layoffs, but to what extent, we don't know. . . . It doesn't mean we can't operate. We go from here."

Neighbors who favored the ban said drunken Hara patrons have littered yards and vandalized property.