

Northern
Ohio
Amateur
Radio
Society



K 8 K R G

144.55 / 145.15 146.10 / .70 449.8 / 444.8

223.10 / 224.70

LOG

Basic Amateur RTTY Freq. "BARF" - 147.555



President	KBUS	Mike Bokulich
Vice-Pres.	AIBV	Carol Richards
Secretary	WD8CSP	Ned Jones
Treasurer	WD8NZR	Neal Hubbard
Trustee	KBUS	Mike Bokulich
Editor	N8DNA	Marge Costello
Membership	WD8BJY	Doug Krucinski
Roster Labels	WD8NZR	Neal Hubbard
Public Service	WB8SIQ	Don Zickefoose
10-10 Chapter	K8RSH	Chuck Early, Jr.
DX	K8DB	Denny Burgess
Repeater	KB8MU	John Fakan
Banquet	WD8CSP	Ned Jones
Winterfest	WD8BJY	Doug Krucinski

Nets:
NOARS Wed. 0100Z
146.70
10 10 Sun. 1800Z
28.855
Contest: Thurs. 9:00 p.m. Local
145.15
DX: Tues. 9:30 p.m. Local
145.15

Dayton Forum	K3LR	Tim Duffy
Field Day	N8ATR	Pete Michaelis
	KW8N	Bob Hayes
Noarfest	K8GPW	Art Neuman, Jr.
	WD8RZG	Don Winner
USS Cod Op.	WD8RZG	Don Winner
	N8DSG	Bill Heitzenrater
Contest	N8BT	Skip Wozniak
	N8EDE	Barry Schieferstein
Club Station	K8BWI	Jerry Ruppelt
Sunshine	WD8AQH	Nadya Cole
Programs	N8CLR	Earl Wiegand
Monthly Raffle	K8BPU	Ray Becker
Club Property	WSANM	George Morningstar

NOARS MEMBERS WITH ARRL APPOINTMENTS

Official Bulletin Station KBBNW-Tedd Mirgliotta
Official Bulletin Station K8IQB-Lou Braun
Official Bulletin Station K8BLH-John Scheffner, Jr.
Dx Advisory Committee K8DB-Denny Burgess
Contest Advisory Committee K8MR-Jim Stahl
Great Lakes Assistant Director KBUS-Mike Bokulich
Great Lakes Assistant Director K8BY-Cornell Varsogea
Great Lakes Assistant Director K8YUW-Gerald Murphy

VHF-UHF Advisory Committee W8YZ-David A. Smith
Cuyahoga County
Emergency Coordinator W8GMT-John Iannetta
Lorain County
Emergency Coordinator K8BYU-Roy Holmes
Ohio Affiliated Club Coordinator KBUS-Mike Bokulich
Ohio Technical Coordinator KB8MU-John C. Fakan, PhD.

APRIL 1983

APRIL 1983

- * * * President's Message: Mike reminds us that it is time to start plans for our summer events.
- * * * Treasurer's Report for Feb. 21 to March 21. "Miles for Miracles" requests your assistance in the 18 mile walk for Easter Seals.
- * * * Ten-Ten Column: Read about the many certificates available to the 10-10er.
- * * * QRZ: This month's spotlight shines on Scott A. Fry, DA2FM/KB9YB.
- * * * Welcome Aboard: Check the Roster update for new NOARS members and changes.
- * * * Barry gives us the results of four contests and some contest updates. Also check the results of the 1981 CQ WW DX CW and Phone as printed in "CQ".
- * * * NOARS Novice/Tech: Read about "The Northern Lights" and a special event station operating from Novice, Texas.
- * * * Repeater Information from Lorain & Erie Counties and the Mansfield area.
- * * * Read how E.T. the Extra Terrestrial was aided by Amateur Radio.

*** President's Message ***

It seems everytime I turn around Marge, NBDNA, is after me for another Presidents Message. Where does all the time go? I guess I'm as guilty as anyone about not getting my "Log" input to the editor by meeting day. I'll try a little harder. In order to keep our NOARS LOG interesting and informative for our members, Marge needs INPUT--Please keep it coming. I want to thank all of the contributing editors who have helped make the LOG reflect the nature of our club--diversified and of general interest to all amateurs.

The winter operating season is winding down and I must say it was a very active and productive time for NOARS. We can now look forward to our summer events. The 1983 Field Day, NOARSFEST, and USS COD adventure should provide excitement and enjoyment for many NOARS members. It takes TEAM WORK to make these activities successful. PLEASE-think about becoming involved, you may find new friends and alot of pleasure from participating. Check the NOARS MASTHEAD for the names of the people to contact for the various committees.

TNX & 73,

Mike, K8US

***** TREASURER'S REPORT *****

February 21, 1983 to March 21, 1983

Beginning Balance 3,337.04

Receipts:

Dues	758.00	
Winterfest	<u>240.01</u>	
Total Receipts		998.01

Disbursements:

Winterfest Expenses-Hall	432.90	
Winterfest Expenses-Foot	66.60	
Calls - Banquet	1.81	
Labels to print roster names	21.25	
Postage for Logs	82.62	
Heater for Club Station	20.00	
Call List Supplements	24.00	
Jacket Expenses	8.64	
Misc. Postage	6.37	
Bank Service Charges	1.95	
Total Expenses		<u>- 666.14</u>

Ending Balance 3,668.91

***** "MILES FOR MIRACLES" *****

On May 1st, the second annual Easter Seals "Miles for Miracles" will take place. The 18 mile walk is being held in Elyria to raise funds to assist children and adults with disabilities in the Lorain County area.

Last year, the Amateur Radio Community was indispensable in maintaining point to point and safety communications for this event. We are once again soliciting their vital services for the 1983 walk.

Any Hams who wish to assist, for even a few hours, in this year's operation can reach me on 146.70, 147.15 or 444.80 MHz, or by phone at 365-4001.

Sincerely,

Bill Easterday, KB8FU

NOARS Country

Taken from "Beaver County QRM" Newsletter

TEN-TEN COLUMN

In this month's column we will "scratch the surface" of the many many awards and certificates that are available to the 10-10er. To the active "paper chaser", the 10-10 program is the pot of gold at the end of the rainbow. It is not uncommon for one to obtain 150 certificates and some of the dedicated 10-10ers have up to 1,500! The sky is the limit!

The main parent organization itself offers a few awards. Some of the more prominent ones are: "10-10 W.A.S." (self-explanatory) --- "10-10 Countries Award" (work at least 25 DX 10-10ers) --- the "BAR Awards" (For every 100 10-10ers you work, you get a "gold bar" seal to add to your original membership certificate.) Also in the "BAR Award" program, when you obtain the 500 plateau, you are issued an honorary "V.P." number which entitles you to be active for other various awards and certificate programs. Upon reaching the 1,000 - 2,500 - & 5,000 plateaus, you are given a very beautiful plaque. More details about the parent organization's offerings are printed in every 10-10 quarterly newsletter. This also gives one the information of how to and who to properly submit your award applications. This of course is only sent out to paid up members!!

What about Chapter certificates??? Almost every chapter sponsors an awards program with AT LEAST a "basic" certificate to 10-10ers. One way to find out the information about individual chapters is to check into their nets and get it first hand. This method also gives you the latest information. Another method would be to ask someone who has a "number" from the chapter that you are interested in. By far the easiest way however is to obtain a "10-10 CHAPTER GUIDE." This booklet will give you all the information that you will ever need to know about 10-10 awards. It contains an alphabetical listing of all 10-10 chapters, their net times and frequencies, their certificate application information, the address of their certificate manager, and much much more. It is an invaluable aid to the active 10-10er. To get your copy, send \$3.60 to it's publisher, (who does this on a non-profit basis by the way) Mr. Jim Beswick, W4YHF, Route #5 Box 77B Ellijay, Georgia 30540. Jim is one of the 10-10 "big guns", is very very active, a heck of a nice guy and a "First State" member of our local "Beaver Valley" chapter. In fact Jim was on our very first net and holds certificate #9 which was the 2nd one issued out-of-area!!!

Well, this should hold you over till next month's column. You will soon learn that 10-10ing is as habit forming as DXing. It is very fun and enjoyable chasing numbers and awards. See you next month!!!

***** FOR SALE *****

MARS(and other)crystals Heathkit HW-2036A plus 1.680 MHz transmit offset. Heathkit HW-101, SB-303, etc. 80 meter, 100 KHz high (3.6-4.1MHz) 10 meter, 100 KHz low (27.9-28.4 MHz)

Motorola Dispatcher (non-over) 148.410 MHz receive, 148.410 MHz transmit, 150.090 MHz transmit, 107.2 Hertz vibrasponder & vibrasender.

Midland 13-500 145.490 MHz transmit & receive.

WANTED: Motorola 123.0 vibrasponder & vibrasender. Motorola 155.955 MHz transmit and receive crystals.

Contact Bill Easterday, KB8FU, 897 Livermore Lane, Elyria, Ohio 44035 (216) 365-4001.

The Minutes of the Northern Ohio Amateur Radio Society of February 21, 1983.

The meeting was called to order by President Mike, K8US, at 7:45 PM. Officers in attendance President Mike, K8US and Vice-President Carol, A18V.

Introduction of guests: Attendance of 98 at the meeting.

Minutes: The Minutes of the January 1983 meeting were accepted as read by voice vote of the membership.

TREASURE REPORT: Mike, K8US, gave the treasure report with a balance of \$3,337.04. The treasure report was accepted by the membership with a voice vote.

COMMITTEE REPORTS

WINTERFEST: Doug, WD8BJY, reported a profit of \$680.00. Doug thanked John, WD8OTY, for taking care of the kitchen, and also thanked the other helpers.

MEMBERSHIP: Doug, WD8BJY, stated that dues are due by March first. There are now approximately 350 paid members. Doug, WD8BJY, read a letter from a new member stating that the Youngstown area (Greensburg) has a new repeater on 145.27 - 600KHz all are welcome to use it.

EDITOR: Marge, N8DNA, reported that Bob, WD8PAQ, will be writing the QRZ column and that Pete, N8ATR, and Mary, N8IMM, will be working on the "LOG".

10-10 CHAPTER: Chuck, K8RSH, reported that there will be an informal net on Thursdays at 7:30 PM local time on the net frequency (28.855).

SUNSHINE: Art, K8GFW, advised the members that Metro Wlasuk, N8CJU, passed on a couple weeks ago. Metro lived in Cleveland.

NOARSFEST: Art, K8GFW, gave a report on the up coming NOARSFEST.

USS COD OPERATION: Mike, K8US, read a letter from Captain Gairing thanking N.O.A.R.S. for all that they have done for the USS COD and all of their futher efforts. Don, WD8RZG, has patches for \$1.00 each.

CONTEST: Terry, N8EDE awarded certificates to the following: Sprint; Dave, WD8MOV, Tim, N8AHK, Pete, N8ATR, Multi-Multi 1982 CQ WW WPX; Ed-W8GBE, Tim-W8SIPJ, Mary-N8IMM, Mike-K8US, and Pete-N8ATR. Chuck, K8RSH, received cert. for CQ WWDX SSB, ARRL 10 MTR, and ARRL SWEEPSTAKES. Vic N8TN received cert. for ARRL 10 MTR, ARRL 160 , ARRL Sweepstake, and CQ WWDX SSB. Jerry, WB8LFO, CQ WWDX. Mike, K8US, ARRL 160 Mtr. Dave, WD8MOV, CQ WWDX, Bob-WD8JUF, ARRL CW Sweepstakes. Berry stated that this week end is the CQ 160 Meter contest and hopes to take #1 in the world again. Logs are available.

REPEATER: Denny, K8KXK, talked about the meter repeaters and how well the FM repeater sounds and covers. Denny then stated that he has a 10 Mtr. FM repeater waiting for a frequency pair and location. Denny hopes in the not so distant future that the 10 Mtr. FM repeater will be on the air. Denny also said that he had some Azden 10 meter FM trans-celvers for NOARS members at the cost of \$230.00.

CORRESPONDENCE: Mike, K8US, read a letter from Vic Clark, W4KFC, ARRL President. Vic stated he enjoyed receiving the LOG. He thanked for the help given to Tim, K8KQF, and commented on how well the Winterfest went.

OLD BUSINESS: NONE NEW BUSINESS: NONE

RAFFLE PRIZES: SWR meter, calculator, 24 hour wrist watch, and 1982 call books U.S. and DX.

PROGRAM: Mike, K8US, presented Dave, W8YZ, and Cornell, K8BY.

Respectfully Submitted,
Ned A. Jones, WD8CSP



This years second annual NOARS Winterfest was a smashing success! I would like to thank everyone who helped make this years event run even smoother than last years. The fun and excitement of a Hamfest in February, together with the friendship of old and new acquaintances, made a Sunday outing for over 400 Hams and electronic enthusiasts truly a worthwhile day!

The winner of the 4 AT was Charles Mote, N8BSJ, of Twinsburg. A special thanks to Don, W8QKO-Mike, KA8RPD-Skip, N8ETT-John, WD8OTY-Marv, W8FCJ-Chuck K8RSH-Barry, N8EDE Carol, A18V-Pat, KB8AK-Mary, N8DMM-Dave, A18M-Gary, N8DIV-Ned, WD8GSP-Bob, KA8ICM-Neil, WD8NZR and Norlin, WD8ADH.

73, Doug, WD8BJY

JOHN GANOBICK
 SAFES - LOCKS - MASTER KEY SERVICE

John - WD8OTY Doug - WD8BJY

GANOBICK

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 PHONE 244-3221 NIGHT 988-8755

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1969 N. Ridge Road, Lorain, Ohio

Phones: Lorain-277-6171
 Elyria-324-3912

Lu Ann's

DONUTS — CHICKEN — BBQ RIBS

M. E. ELLSWORTH, *President*
 ARLENE HOFFMAN, *Treasurer*

100 E. 4th St.
 Elyria, Ohio
 322-5983

3249 E. Liberty
 Vermilion, Ohio
 967-0146

5375 W. Erie
 Lorain, Ohio
 282-5402

QRZ?

The monthly column that helps you to know "who's who" in Noars.



DA2FM

KB9YB; EX: N9BWZ, KA9ACO

Scott A. Fry
Pirmasens, W. Germany

QSL via: USMCA - P, ATTN: SPO
APO NEW YORK 09189 or W9 BUREAU

Confirming QSO with:

Pse QSL Trx

STATION	MO	DAY	YR	GMT	FREQ	REPORT	MODE
							TWO WAY

K2QFL Print

This month's spotlight shines on DA2FM. Now that's a call you probably haven't heard lately on the local repeaters! It belongs to NOARS' member Scott A. Fry, DA2FM/KB9YB. Scott is presently Radio Communications Operator for the U.S. Army, stationed in Pirmasens, West Germany. Besides operating the Mars station there, Scott also finds time to pursue his hobbies of photography, Boy Scout leadership and a new found pursuit of computers. He first became interested in Ham Radio while still in high school; was licensed as a Novice in May 1978, a General in December 1978 and Advanced Class in March 1981. Scott operates Kenwood equipment on 160 thru 70 Cm. His favorite aspect is working DX on SSB, but more important is his being able to communicate via Ham Radio with his Dad, KB9YC, back home in Southern Wisconsin. A list of Scott's accomplishments shows 1st place Novice 10 mtr. DX 1978, Code prof. at 20 wpm., WAS on both CW & Phone, WAC, RCC and others. His present goal is to obtain his EXTRA Class license.

Scott, we're pleased to have you as a NOARS member! Hope to see you at a meeting when you come back to the States for a visit home.

73,

Bob, WD8PAQ

***** "NOARS ROSTER UPDATE" *****

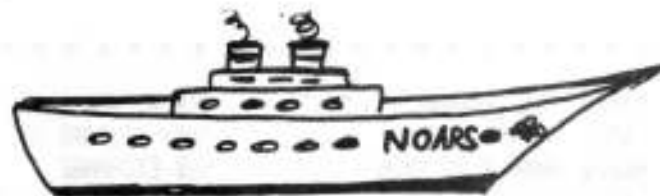
With this update are changes that have been recorded by Neal, WD8NZR. Once again, there are a number of newer members and changes that did not make the dead line for this update.

If you note an error for your listing PLEASE let us know, and thank you for your patience. Like a growing business, we learn by our mistakes and strive for perfection. With NOARS now being one of the largest clubs in the world and still among the fastest growing, you can see why the roster and labels are an endless job.

Welcome Aboard to all the new members. We hope you will also strive to help NOARS keep the tradition of being the unifying club for all the amateur of our area.

As you may well imagine, trying to keep up with the NOARS ROSTER is an endless job. Included with this month's newsletter, for your convenience, is a roster update. The last roster was printed in January, and since that time we have added 72 new members to the club. During a four hour period at the Winterfest, 22 amateurs came aboard.

WELCOME ABOARD



C INDICATES CHANGE, N INDICATES NEW

	DON IGNASIK	386 SOUTHWOOD DR.	ELYRIA	+OH 44035	216-456-6185	N
	JOHN J. JAILOR	871 BASSETT RD.	WESTLAKE	+OH 44145	216-835-9818	N
	JOSEPH SANDOR	5918 CREEKSIDE LN.	N. RIDGEVILLE	+OH 44039	216-327-2270	N
	SCOTT ROUGHT	5833 AVON BELDEN RD.	N. RIDGEVILLE	+OH 44039	216-327-8328	N
	JOEL MILLER	2259 BEECH AVE	LORAIN	+OH 44052	UNLISTED	C
KP2A	JOHN ACKLEY	TRANS/DYNE-3850 RESEARCH	ANN ARBOR	+MI 46184	UNLISTED	E N
KZ8A	JAMES E. DYKE	2916 PEASELANE	SANDUSKY	+OH 44878	419-525-6537	E C
WBANJ	STEVEN K. MOLNAR	27397 DETROIT RD APT. 415	WESTLAKE	+OH 44145	216-871-3663	A C
KB3A0	DOMENICK N. COLELLA	4210 MATTHEWS LV.	KENSINGTON	+MD 20895	301-946-4399	A C
WDBASV	JUDITH LEE SQUIRES	13431 ZEREMBA	BROOKPARK	+OH 44142	UNLISTED	N N
NBAVA	JOHN SHANNON	BOX 326	HUDSON	+OH 44236	216-656-1802	E N
NBAZK	KEN MCCrackEN	1888 NANTUCKET ST.	GRAFTON	+OH 44844	216-926-3117	A C
KUBB	ELMER ZIEROFF	2614 186TH	TOLEDO	+OH 43611	419-729-5245	E N
KBBBQ	LARRY FOSTER	5689 EXCALIBUR PLACE	COLUMBUS	+OH 43220	614-764-4970	G C
NBBJM	DIANE MCCrackEN	1888 NANTUCKET ST.	GRAFTON	+OH 44044	216-926-3117	T N
NBBNE	LARRY D. PHILLIPS	P. O. BOX 338	PLEASANT LAKE	+MI 49272	517-769-6833	A C
NBBOK	DANA GREENLEE	33827 CLARK STREET	N. RIDGEVILLE	+OH 44039	216-327-5886	T C
NBCEB	L. GLENN WRENN	6 DUDLEY BLVD.	NORWALK	+OH 44857	419-668-2214	A N
N3CHK	LARRY WALD	434 WEST 8TH STREET	ELYRIA	+OH 44035	UNLISTED	G N
WDBCMB	BERNIE WINNER	9982 E. SHILOH	TUCSON	+AZ 85748	602-886-4286	E N
KBCW	FRED A. FISCHER	259 W. COOK RD.	MANSFIELD	+OH 44987	UNLISTED	E N
KTBD	JIM FRANK	269 N. YORKSHIRE	YOUNGSTOWN	+OH 44515	216-793-8866	E N
KABDAE	JEANNE M. RIMMER	19836 VERMONT ST.	GRAFTON	+OH 44844	216-355-6366	T N
KBBBN	WILLIAM J. RIEKE	1448 E. MELROSE	WESTLAKE	+OH 44145	216-333-6544	E N
NBDCH	DANIEL W. CREE	687 LINTON LN.	BEAUFORT	+SC 29902	803-524-6986	G C
WABDTH	LOUIS L. FECHO	4117 CAMDEN AVE.	LORAIN	+OH 44855	UNLISTED	T N
WDBEFD	RUSSELL SHUSTER	151 JONES ST.	WELLINGTON	+OH 44898	216-847-3492	G N
NBE6D	LAURA FILDES	481 STALLION CT.	LAGRANGE	+OH 44858	216-458-6329	T C
NBE6Z	RON BODMAN	21441 EASTWOOD AVE.	FAIRVIEW PARK	+OH 44126	216-331-8529	G N
NBEJC	STAN LLOYD	3816 MARGO STREET	HURON	+OH 44839	216-433-6703	E N
NBEJQ	TERRY L. SANDOR	17 E. CADET DR.	N. RIDGEVILLE	+OH 44039	216-327-2537	G C
NBENW	JOSEPHINE L. DYKE	2916 PEASELANE	SANDUSKY	+OH 44878	419-525-6537	T C
NBERA	EDWARD ZORN	4878 AUTUMN LANE	BROOKLYN	+OH 44144	UNLISTED	G C
WABERA	LEROY W. GEORGIA	5186 MONTAUK AVE.	PARMA	+OH 44134	UNLISTED	T N
WBETU	DICK EGBERT	3283 SUMMER CT. E	SNELLVILLE	+GA 38276	UNLISTED	E C
KWBF	KEN CRISS	RR#1 BOX 259A	KILLBUCK	+OH 44637	216-377-5231	E C
KCBFC	ORVAL D. ROGERS	517 ABBEYSHIRE	BEREA	+OH 44817	216-236-5752	E C
WBFR	FRED RACE	676 QUAIL CREEK	GRAYSLAKE	+IL 60838	UNLISTED	E N
WBBFWE	JIM WOLF	482 GRAND PASS	SANDUSKY	+OH 44878	419-684-9175	A N
KABGCO	BETTY GERLAK	37254 SUGAR RIDGE ROAD	N. RIDGEVILLE	+OH 44039	216-327-6576	G C
KABHDQ	ARTHUR LENGLE	16343 SARBURY AVE.	MIDDLEBURG HTS.	+OH 44138	216-243-9141	N N
KSHF	HARRY FRIETCHEN	128 HOMEWOOD RD.	MANSFIELD	+OH 44906	419-529-2801	E C
KCBHJ	ALEX TOTH	1909 GLEN SPRINGS DR.	FREMONT	+OH 43420	419-332-1328	E C
WBHSX	ROBERT L. BREWSTER	2158 WESTMINISTER RD.	CLEVELAND HTS	+OH 44118	216-932-9588	A N
WDBIDD	PATRICIA LARSON	P O BOX 8921	STRONGSVILLE	+OH 44136	216-238-7834	G
KBIHQ	CARL MARKLE	8385 LOCUST DR.	KIRTLAND	+OH 44894	216-256-3718	E N
WAB10L	DALE BAKER	R.D. #1 BOX 218D	WAKEMAN	+OH 44889	419-965-5252	T N
WDB1PU	BILL GREEN	788 TERRA LANE	AMHERST	+OH 44801	216-988-5459	G C
KBIQB	LOU BRAUN	282 HOWARD ST.	BELLEVUE	+OH 44811	419-483-8724	A C
WAB1UL	DALE BACKER	RD #1 BOX 218 D	WAKEMAN	+OH 44889	216-965-5252	T N
WDB1VL	MIKE VALENTINE	6234 MENTOR PARK	MENTOR	+OH 44868	216-257-1254	A N

***** ROSTER UPDATE *****

KBBJD	LOU HORNYAK	RFD #1 BOX 226	WAKEMAN	OH 44889	216-965-4233	A C
WBJI	TOM RAUCH	2651 WILFORD RD.	TOLEDO	OH 43615	UNLISTED	E C
KCBJQ	RONALD D. RUSH	988 EXCHANGE	VERMILION	OH 44089	216-967-8694	A N
WBKCY	LOUIS BALOGH	4561 38TH WAY SOUTH	ST. PETERSBURG	FL 33711	216-228-8339	G C
KCBKI	JOHN BODDOUR	2881 CLAGUE	N. OLMSTED	OH 44070	216-734-3778	A N
KABKQF	TIM WARNEKA	3953 OHIO ST.	PERRY	OH 44081	216-259-3168	N N
WBKRF	CARL F. RIMMER	19036 VERMONT ST.	GRAFTON	OH 44044	216-355-6366	A N
ADBL	ROBERT E. ZEPP	1157 RIDGEVIEW	BRUNSWICK	OH 44212	UNLISTED	E N
KKBL	TOM EDKER	96 WOODLAWN	NORWALK	OH 44857	UNLISTED	E N
W7LCE	WILLIAM F. BALCH	18630 GARNETTE DRIVE	SUN CITY	AZ 85373	UNLISTED	A N
NBLI	JIM SCHWABE	3858 FARNHAM RD.	RICHFIELD	OH 44286	216-659-9841	E C
KABLYN	CINDY J. PEIRCE	2888 HOGADORE RD.	AKRON	OH 44312	216-784-9726	T N
KQBM	TIMOTHY CHERRICK	BOX 5127	WILLOWICK	OH 44094	UNLISTED	E C
KBMDC	FRED A. JONES	8174 OLMWAY AVE.	OLMSTED FALLS	OH 44138	216-235-3260	T N
KH6MG	PHILLIP L. LEON	1283 B3 E. ERIE AVE.	LORAIN	OH 44052	216-288-0450	T N
KBMN	DAVID HEIL	3768 FRANCES AVE.	CINCINNATI	OH 45211	UNLISTED	E N
KBNR	JIM STAHL	3552 ATHERSTONE RD.	CLEVELAND HTS	OH 44121	UNLISTED	E C
KCBMR	TOM D. ARCHER	887 COLLEGE AVE	COLUMBUS	OH 43209	UNLISTED	A C
WBBHZZ	MIKE METTLER	420 HIETT AVE.	TOLEDO	OH 43609	UNLISTED	G N
WBNMY	ROLAND E. HERBERT	24955 DOE DR.	N. OLMSTED	OH 44070	216-777-2010	A N
WBNXT	FRED H. NYE JR	31497 HOLLARD BLVD.	WESTLAKE	OH 44145	216-871-8898	G C
KOBO	SCOTT FARNHAM	7126 ANDOVER	MENTOR	OH 44060	216-951-7985	E N
WBOOL	JOHN J. CHAMPA	P. O. BOX 287	MT. VERNON	OH 43850	UNLISTED	A C
WBBORV	WILLIAM J. SQUIRES	13431 ZAREMBA	BROOKPARK	OH 44142	UNLISTED	A N
KASOVA	NICHOLAS THOMAS	2810 GRANTWOOD DR.	PARKA	OH 44134	216-845-7666	G N
KOBP	GREG POEL	12288 RICH	GRAND HAVEN	MI 49417	616-846-8437	E N
KABPEF	JOSEPH W. LISTESKI	8233 AVON BELDEN RD.	N. RIDGEVILLE	OH 44039	216-327-7938	N C
KABPTD	JAMES D. HANESWORTH	7977 GORE ORPHANAGE RD.	VERMILION	OH 44089	216-967-5979	N N
KABRJP	AARON J. HANESWORTH	7977 GORE ORPHANAGE RD.	VERMILION	OH 44089	216-967-5979	N N
KABIE	TOM MCCOURT	283 KENT ST.	WELLINGTON	OH 44090	UNLISTED	N N
WABYOM	DOROTHY R. BRAUN	282 HOWARD ST.	BELLEVUE	OH 44811	419-483-8724	T N
ACBR	MIKE WILLIAMS	1766 KARG DRIVE	AKRON	OH 44313	216-869-8497	E N
KABRAL	JOHN MORFIS	2559 EAST 42ND STREET	LORAIN	OH 44055	216-277-9199	N N
KABRBP	J. P. SMITH	864 MOREWOOD PKWY	ROCKY RIVER	OH 44116	216-333-8635	N N
KABRGP	DALE C. SMITH	3327 LINCOLN DR.	ASHTABULA	OH 44044	216-997-8233	N N
KABRJD	GLENN P. SMITH	218 WARREN AVENUE	ELYRIA	OH 44035	216-365-8738	T C
KABRKR	MICHAEL WILLEMEN	331 COURTLAND STREET	ELYRIA	OH 44035	216-323-7818	N C
KABRPD	MICHAEL BEALY	1750 COOPER FOSTER PK. RD. APT X	LORAIN	OH 44053	216-960-1139	N C
WABRPW	P. G. LAFYATIS	29222 OSBORN	BAY VILLAGE	OH 44140	216-871-7804	G C
WBSVW	WILLIAM D. SQUIRES	13431 ZAREMBA	BROOKPARK	OH 44142	UNLISTED	G N
WBVA	MIKE SOCHA	3757 BRIGHTON RD.	HOWELL	MI 48843	UNLISTED	E N
WBSUFG	JOE ANTONELLA	230 ROXBORO RD.	VERMILION	OH 44089	UNLISTED	G N
KCBUR	TONY SPIEGEL	503 1/2 N. MAIN ST.	MOUNT VERNON	OH 43050	614-392-7586	A N
AIBV	CAROLYN L. RICHARDS	18758 CHAMBERLAIN ROAD	GRAFTON	OH 44044	216-926-3742	E C
N6WB	BILL (GLENN) BODENER	127 WALNUT HILLS DR.	SAN MARCOS	CA 92069	UNLISTED	E N
WABWSF	TOM MORANG	8682 COLOSME DR.	STERLING HTS.	MI 48078	UNLISTED	G N
WBWXR	ROGER BURGESS	441 BRADLEY RD.	BAY VILLAGE	OH 44140	UNLISTED	A C
KZBY	DAVE ESPASANDIN	45 MEADOWBROOK DR.	GRAFTON	OH 44044	216-458-8219	E C
KBYUW	JERRY MURPHY	1613 ORCHARD GROVE AVE.	LAKEWOOD	OH 44107	216-521-1186	A C
WBYZ	DAVID A. SMITH	538 HOLLYWOOD DR.	MONROE	MI 48161	UNLISTED	E N
AKBZ	EDWARD A. ASH	1402 APACHE TRAIL	STOW	OH 44224	216-688-9830	E N
WABZQZ	RICHARD J. CUNNINGHAM	7985 OOKN CLUB RD.	MEDINA	OH 44256	216-667-2149	A N

***** MEMBERSHIP NOTE *****

As of April 6, 1983, paid dues include 483 members and 22 associate members. A big thanks to all those who sent in their dues and included the calls on the checks. I would also like to thank those who remembered to include the old call on the check. This made it much easier to find their information cards.

THE NOARS CONTESTER



NOARS Contest Net:
145.15
Thursdays 9 p.m.

The scores from the CQ WW 160 meter contests have been amazing. Last year, the club aggregate score was 462,168 points. Up to the time of this writing I have received 705,924 points and many more are expected. Going by this, I believe we have made good on the challenge by the P.V.R.C. Thanks to everyone who participated.

As for the 1982 WPX contest, April CQ was again a disappointing issue in that it had no club results. (It is still a great antenna issue!). We are hoping that the scores will be announced at Dayton.

73's,
Barry, N8EDE

***** CONTEST UPDATES *****

<u>CALL</u>	<u>QSO'S</u>	<u>MULT.</u>	<u>SCORE</u>	<u>AWARD</u>
10 METER CONTEST 1983				
N8DCJ	1,480	133	393,680	CERT.
N8DEQ	1,085	122	264,740	CERT.
160 METER MIDNIGHT SPEICAL				
KW8N	178	--	178	CERT.
NOVEMBER SWEEPSTAKES CW				
WB8JBM (Multi-Single)	1,102	72	158,688	CERT.
NOVEMBER SWEEPSTAKES SSB				
WB8JBM (Multi-Single)	1,411	74	208,828	CERT.
ARRL QSO PARTY				
WD8AUB	461	62	28,582	CERT.
CQ WW DX PHONE 1982				
KC8JH	500	?	418,488	CERT.

***** NORTH AMERICAN SPRINT SSB 1983 *****

<u>CALL</u>	<u>QSO'S</u>	<u>MULT.</u>	<u>SCORE</u>	<u>AWARD</u>
K3LR	249	42	10,458	--
KW8N	262	38	9,956	PLAQUE
KC8JH	160	39	6,240	CERT.

***** CQ 160 METER CW CONTEST 1983 *****

<u>CALL</u>	<u>QSO'S</u>	<u>MULT.</u>	<u>SCORE</u>	<u>AWARD</u>
N8YVR	?	?	69,423	PLAQUE
KC8P	376	69	65,481	CERT.
KCBJH	385	67	61,640	CERT.
K8US	376	57	49,818	CERT.
K8HF	287	54	38,286	CERT.
KW8N	200	57	34,086	CERT.
W8CAR	180	49	20,443	CERT.
K8SVT	181	50	20,050	CERT.
W8RCN	177	43	17,157	CERT.
N8TN	157	37	11,618	CERT.
KB8LH	80	25	4,725	--
K8YTW	75	24	3,960	--
KI8C	20	13	559	--
WD8RZG	22	11	484	--
AD8I (Multi-op)	544	90	140,310	CERT.

***** NOVICE ROUNDUP 1983 *****

<u>CALL</u>	<u>QSO'S</u>	<u>MULT.</u>	<u>SCORE</u>	<u>AWARD</u>
K8NUN/N	323	68	21,964	PLAQUE
WD8IJS/T	180	52	9,360	PLAQUE
WD8JUF/N	130	54	7,020	PLAQUE
K8QIE/?	48	21	1,218	CERT.

***** NORTH AMERICAN SPRINT CW 1983 *****

<u>CALL</u>	<u>QSO'S</u>	<u>MULT.</u>	<u>SCORE</u>	<u>AWARD</u>
K3LR	274	42	11,458	--
WD8AUB	194	35	6,790	PLAQUE
KW8N	193	35	6,720	CERT.
W8CAR	82	25	2,050	CERT.

***** FOR SALE *****

REALLY STRONG 120' microwave tower in 20' sections. Will sell a section at a time for EME mount. 4 KW electric-start, 120-240 V. generator. TI-58 calculator with charger and all the books \$50.

WANTED: Kenwood SP-120 speaker. HP-41C calculator. Call Tim Colbert (216) 623-5690 or 623-5691 from four to midnight only.

***** WANTED *****

Aluminum tower sections. I need 50' to 80' of Heights or Universal aluminum tower. 50' to 100' of the military surplus, 10' aluminum mast sections sold by Fair Radio a couple of years ago.

FOR SALE: IRL FSK-500 Radio teletype TU. \$160.

Contact Jeff, K8ND, 4410 Norwell Dr., Columbus, Ohio 43220. (614) 451-3713, or Jim Stahl, K8MR, at 381-7030.

***** COMMODORE/VIC COMPUTER GROUP *****

As of last month, there is now a Commodore/Vic computer users group in the greater Cleveland area. The Northeastern Ohio Commodore Users Group meets the 3rd Friday of each month. All present or future Vic/Commodore users are welcome, and many amateurs attend. For more information, anyone interested can contact Terry, WD8BKH, at Computer Connection (in Lorain Co.) or Computer Corner (in Cuyahoga Co.).

1981 CQ WORLD-WIDE DX CONTEST PHONE RESULTS

Number groups after call letters denote following: Band (A=80), Final Score, Number of QSO's, Zones, and Countries. Certificate winners are listed in Bold Face.

SINGLE OPERATOR NORTH AMERICA UNITED STATES

KBLX	A	2,185,328	1308	132	382
#WABTQ		1,794,908	1285	130	382
#W3HKK/8		1,818,814	948	104	278
#W8VFA		638,044	630	106	268
#N8ATR		554,524	648	91	223
#W8JG		440,440	531	95	213
#W8KJ		345,776	491	72	180
#K8K		285,384	412	74	179
#W8M8V		279,314	384	85	196
#N8ARA		257,821	410	78	169
#8PLJ		251,980	333	92	201
#K2AG/8		211,140	356	60	147
#D8V		191,475	330	67	158
#K8LJ		172,854	325	58	135
#K8UJ		171,808	268	58	145
#W8J8B		167,808	327	53	131
#W8KJ		162,430	304	59	126
#K8QO		157,884	323	53	124
#W8M8N		156,560	298	63	143
#88N2		155,880	282	77	142
#W8M2		150,150	282	68	142
#K8TM		119,493	229	57	130
#K8LH		112,723	240	54	115
#88RQ		101,840	244	48	104
#W8PH		99,330	234	46	108
#W8CR		80,631	187	50	103
#W885X		74,196	173	53	109
#K8CMQ		67,340	176	45	95
#N8AHK		58,828	147	58	96
#W8SO		55,090	151	46	96
#88W8		45,886	138	50	86

#88RT		45,106	110	52	103
#88CLR		42,848	152	34	89
#W8DX		37,632	139	37	75
#488D		36,442	100	51	86
#N8AKF		35,640	125	36	74
#K8UH		35,616	124	33	73
#N8TH		35,096	120	34	73
#N8RT		27,552	128	26	58
#W8V		23,520	114	23	61
#W88ECC		22,570	107	21	53
#W88ZJH		19,215	70	40	65
#K8JL		15,660	86	38	54
#W888HC		14,616	70	29	55
#W88JG		14,535	89	29	64
#W88WMC		11,384	57	28	44
#K8P		8,882	58	26	35
#W888D8		8,854	52	14	32
#88M8		8,490	43	24	33
#W88VQ		7,856	30	9	23
#K8IO		7,800	27	18	24
#W88CZA		7,696	19	15	17
#88CT	28	218,728	721	29	88
#W88CL		119,310	341	29	94
#W888B		80,738	286	32	114
#W888D		80,615	246	26	89
#W888E		62,689	258	27	85
#K88PL		45,838	189	22	64
#K88EA		32,204	145	22	61
#88CX		17,812	101	18	43
#W88KJ		13,388	69	17	41
#W888V		4,370	42	11	27
#K88P8		3,700	40	11	23
#888A		1,480	23	11	14
#888Z	21	218,833	842	34	108
#K888LH		150,158	418	32	97
#888JF		126,350	381	33	97
#W888G/8		116,501	353	30	88
#888C		73,600	268	26	74
#888F		73,188	248	28	79
#W888X1		34,830	151	23	58
#K888Q		23,852	117	22	51
#K888W		8,800	55	20	35
#W888TR	14	81,858	188	26	88
#W888V2	7	80,788	209	28	73
#W888C		38,634	146	26	68
#W888RY		28,652	144	19	57
#K888V		21,791	113	23	54
#888AC	1.8	888	44	8	7
#W888LJ		570	28	7	8

TOP SCORES

USA

Multi-Op

Single Transmitter

K3LR	3,867,840
KX4S	3,837,896
WB2FZO	3,755,350
N4ZC	3,749,108
W4QAW	3,722,928
K8UK	3,522,168

Multi-Op

Multi-Transmitter

W2PV	10,618,352
N2AA	10,399,208
N5AU	10,003,840
K10X	8,018,197
KN8M	7,300,170
W3LPL	7,280,708

MULTI-OPERATOR SINGLE TRANSMITTER NORTH AMERICA

UNITED STATES

#K3LR	3,867,840	2137	148	484
#K83AG	2,388,740	1818	128	218
#K8P/3	1,275,855	1063	115	304
#K3TP	1,018,184	1001	105	267
#W8EKL	973,226	811	122	341
#W8G	881,842	951	88	250
#W8X	804,321	813	96	261
#W830J	649,290	705	90	244
#W88D	613,868	657	97	235
#W88R	577,130	709	77	212
#W8JVP	478,452	584	89	222
#W88R	427,182	517	82	212
#K88E	383,136	448	88	224
#K8F	364,504	414	95	227
#K88E	229,390	401	56	147
#888Z	2,963,822	1794	143	440
#888P	2,808,788	1721	142	428
#K88Z	1,728,724	1213	135	373
#K88M	1,108,548	1108	94	277
#W88G	1,051,859	858	114	323
#K88N	833,136	788	111	287
#K88L	788,719	706	107	282
#K88A	381,424	553	82	185
#888K	377,536	475	82	190
#888L	318,111	408	91	192
#W88MX	118,782	276	56	102
#K88O	109,343	239	54	115
#W88V	108,580	178	51	134
#W88W	102,340	225	55	117
#W888P	98,181	213	50	119
#888D	87,780	309	33	79
#888W	47,424	178	38	76
#K88X	43,173	134	49	58
#K88Y	28,829	104	38	72

ORP

#888R	A	679,133	959	83	230
#888Y		543,488	838	76	149
#W88UJ		509,997	580	83	218
#K88Z		434,720	541	80	206
#F48D		487,312	684	67	204
#888L		344,788	787	67	182
#K88CP		289,448	834	77	218
#K88S		171,264	329	51	141
#888TQ		183,344	582	37	129
#888J		148,144	296	60	119
#888V		146,878	314	68	163
#888F		142,808	308	71	89
#K888N		140,454	313	65	97
#W888RQ		138,720	292	54	138
#K88C		121,732	254	50	128
#W888C/8		90,117	281	52	119
#W888V		88,473	250	53	78
#W888FNK		74,387	189	44	94
#888AD		69,058	231	43	103
#K888E		68,799	154	48	89
#K888T		47,346	282	28	42
#888V8		42,300	233	25	50
#888M		20,400	125	23	37
#W888G		19,380	104	27	49
#888P		17,718	90	28	60
#888LH		16,994	123	17	41
#8888A		9,928	58	26	42
#Y24T		9,385	119	13	58
#Y888T		8,882	110	17	40
#Y888Y		4,230	57	13	17
#Y888T		195	9	6	9
#888W	28	102,580	348	28	86
#K888J		100,386	383	28	71
#W888C		83,075	286	24	63
#8888Y		41,535	252	24	41
#K888A		38,318	176	24	25
#8888M		33,190	188	21	58
#K888V		33,110	211	17	38
#8888D		29,484	177	23	40
#W888D		26,540	137	18	55
#8888P		26,314	203	17	42
#8888X		19,448	187	18	24
#8888B		14,728	146	17	39
#8888W		8,240	91	12	28
#8888A		5,175	183	8	18
#8888M		4,320	98	7	23
#K888Z		2,912	38	5	20
#8888H		1,675	42	10	15
#8888W		1,612	21	11	15
#W888A		459	10	7	10
#K888P/8		185	8	5	8
#8888D	21	31,880	215	28	58
#K888LH		18,998	117	22	28
#K888U	14	88,938	287	32	88
#8888J		23,790	209	17	58
#8888P		4,820	60	17	27
#8888A		4,644	48	9	28
#8888LJ	3.8	8,755	196	5	38
#8888W		8,068	117	8	43
#K888M		2,946	96	4	27
#K888G	1.8	488	27	4	18

QSO's/Zones/Countries on each band.

USA TOP SINGLE OPERATOR - ALL BAND

Station	80	60	40	20	15	10
K1AR	5/2/3	55/13/33	80/28/50	487/35/111	590/34/107	977/36/118
W1ZM	11/5/6	86/18/45	102/22/55	329/33/92	640/31/103	860/30/108
K2TR	5/2/2	56/14/33	100/19/51	321/30/89	571/35/99	991/29/105
K2BU	5/8/10	58/10/38	88/18/44	478/29/87	484/27/84	885/31/101
W888N	14/6/8	55/13/35	85/18/43	366/33/96	484/29/90	711/30/107
K8LX	7/4/4	84/15/40	114/21/62	249/32/83	359/30/90	713/30/101
N2LT	5/3/3	26/8/18	79/20/42	323/28/89	370/31/80	737/29/100
N3AD	42/12/28	38/12/26	38/12/26	378/29/89	378/29/87	760/30/108
N7DF	12/4/3	79/15/24	95/18/27	194/33/82	730/33/77	512/30/92
W8RE	8/5/8	36/9/21	82/23/48	240/32/90	384/32/89	615/28/99

USA TOP MULTI-OPERATOR SINGLE TRANSMITTER

#K3LR	13/8/11	50/15/44	103/26/69	843/36/128	336/30/110	792/32/122
KX4S	8/4/5	35/14/32	85/23/70	474/36/112	729/35/108	819/32/121
WB2FZO	7/3/4	81/19/56	58/18/53	580/35/118	617/34/103	808/32/117
N4ZC	10/7/9	35/15/33	90/26/65	487/35/120	505/34/107	1019/34/128
W4QAW	11/8/9	54/17/42	120/27/72	286/34/109	585/35/124	1005/34/132
K8UK	13/8/12	60/20/39	403/28/57	278/36/102	688/35/90	788/33/108



STATION OPERATORS

#750A, W8JTR, K8TRJ & W7CTE, K8BA & W888A, K8JLB & AC8W, K8OP, K8HJL, K8JA, K88N & W88EY, N8ASY, N8ADL, W8LX, W888LJ, W888UJ, W888JY, W888LH, W888MT, W888MV, W888N8, K888L & K888E, W888D, W888R, K888 & W888J, K888 & K888Z, K888Y & K888Y, K888Z & A888, K888Z & A888, K888Z, K888Z, K888Z & K888Z, W8



NOARS NOVICE/TECH



Noars Novice Training Net:
28.160
Sundays 7 p.m.

Noars Slow Speed Net:
3.740
Wednesday 9 p.m.

Taken from The "QRX" Newsletter.

Here's a short article about "The Northern Lights" or as the more astute say, "Aurora Borealis". (Picture not shown) This is a view to the ENE at four pm local time in Fairbanks, Alaska, in September, 1971....The curtain effect is seen as you find these "folds" all across the sky...even to the South!!

What does this mean to the "Ham"? Well, if you're into HF, especially 7 MHz and below, you're in for a surprise....very poor propagation, except very low angles of radiation (receive and transmit)...if you're interested in VHF/UHF work, then point to the North, you'll find some dramatic reflections from the "lights"...even on ten meters, beam to the Northern quadrants to work "South". Strange as it may seem, this often precipitates very long distance QSO's on the upper spectrum bands.

The Aurora happens to be the "illumination" of the earth's magnetic field, and occurs at "both" poles simultaneously. Of course, you cannot see the opposite, since it is in daylight....but, on rarer equinox displays, the simultaneous displays can be seen. They appear to be "mirror images" as well. Sunspots precipitate natural Auroras, but they can also be observed upon ionizing "bursts" from rocket shoots in the high latitudes.

Just remember, when you hear the "watery" weak signals (that should be strong) it just might be time to get out your 35MM W/TRI-EX or 400 ASA color film...then you can take a one second look at the "lights". Make sure you're away from local lights (streetlights, town, city, etc.) these could mask your view of this natural event. The Aurora is not limited to winter either; I have seen the lights in Mid-July in Canada!

73, Fred, W8FR

***** NOVICE, TEXAS *****

Members of The North Texas High Frequency Association will undertake their second annual mini-expedition to work Novices from Novice, Texas (pop. 201) from 1800Z, 16 April to 1800Z, 17 April using the call N5NT/5 on the 80, 40, and 15 meter Novice bands.

Operations will be from the "City Hall", a one-room affair dubbed the "Novice Hilton" by the members. Space in the room will be shared with rusty water meters, yellowed municipal records and associated other paraphernalia dating back many years ago to when this tiny hamlet was young, ambitious, and aspired to become a growing town. Those times are but dim memories to the elderly inhabitants who comprise the majority. One solitary lightbulb hanging from the peeling ceiling illuminates the "Hilton"; hence, the radios to be used have been specially retrofitted with sealed beam panel lights.

The remaining buildings in downtown Novice are the grocery store with two gas pumps which are mostly for the benefit of farm tractors and pickup trucks that occasionally pass by, a U.S. post office...every town needs one...and the Masonic Hall.

For needle-in-the-haystack hunters, Novice is located on highly detailed computer-enhanced satellite maps 40 miles South of Abilene, Texas and is best known as a reprovisioning outpost for big game hunters in safaris pursuing the highly prized but very fierce giant Texas longhorn Armadillos, one of which recently wreaked havoc on a beer truck in a desolate section of Secondary Road on the outskirts of Novice. The largest ever bagged commands the center of attention in the Big Game Room of The Explorers Club in New York and was taken in 1938 by Lowell Thomas.

For a nice certificate, send QSL and SASE to Bob Olney, N5NT, Box 2472, Denton, Texas, 76202.

***** VHF AND UHF REPEATERS IN LORAIN & ERIE COUNTIES *****

Output Freq.	Location	Notes
145.210	N. Ridgev.	O AP E Z KBJK/Rpt
145.470	Vermilion	O AP L (to 444.15 in Willoughby)
146.025	Lorain	C K8VWF/R
146.055	Sandusky	O
146.700	Elyria	O Voice only KBKRG/R
147.150	Elyria	O PL 110.9 ARES NSDEM/R
147.825	Lorain	O AP W8BTD/R
147.885	Oberlin	O
224.660	Elyria	O LCARA NSDEM/R
224.700	N. Royalton	O NOARS-Elyria
443.600	Lorain	O AP W8CAE/R
444.050	Vermilion	O W8DRZ/R
444.800	Elyria	O KBKRG/R NOARS

O-Open AP-Autopatch E-Emerg. Pwr. Z-911 L-Linked
 SKYWARN and ARES primary freq. 147.150 rpt.

Lorain Co. Traffic Net: Tu-Thu-Sat 2200 Hrs., 145.21 Repeater

Thanks to LEARA member Chuck Reynolds W8WUU, . . and The LEARA Newsletter.

***** MANSFIELD REPEATER INFORMATION *****

Mansfield's 450 repeater. 449.700 input, 444.7 output. Carrier access most of the time. Call: W8KKN/Rpt. Sponsors: W8KKN, K8RT, K8ERV, W8SRHV, and K8HF. Repeater is 100 watt Motorola tube type, Microprocessor, controller built by W8SRHV. Antenna: At 55' base above ground. Base elevation 1420' 9 db OMNI. Duplexer: Phelps Dodge 120 db.

Mansfield's 6/2 Crossband. 52.47 & 144.63 Input, 53.47 & 145.23 Output. Access: 6 Meter - Carrier access. 2 Meter - 2 seconds of PL 71.9 Hz. (PL required on 2 Meters) Hi Beep - 2 Mtr. input, Low Beep - 6 Mtr. input. 6 & 2 repeat on both 6 & 2. Call: K8BHE/Rpt. Sponsor: ARCOM - Amateur Radio Club of Mansfield.

Mansfield's 34/94. 146.34 Input, 146.94 Output. Access: 1) 4 Seconds carrier then access till XMTR drops 11 seconds. (2) Touch tone "34" the carrier access till XMTR drops 11 seconds. (3) P.L. 71.9 Hz. Most of the time, band permitting is 4 second mode. Call: K8RT/Rpt. Sponsor: MASER, Inc. - Mansfield Amateur Service Emergency Repeater, Inc. Repeater: Dycom "Echo 3" 250 watt amp. Antenna: 6 db OMNI at 275' above ground. Bare Ele. 1350'. Accessories: (1) Autopatch for members. Transients can have a member dial-up. (2) Can be linked to 93/33 Columbus from Columbus.

Mansfield's 96/36 repeater. 147.96 Input, 147.36 Output. Access: (1) Carrier Access (2) PL 71.9 Hz Band permitting - Carrier Access. Call: K8HF/Rpt. Sponsor: MASER, Inc. Mansfield Amateur Service Emergency Repeater, Inc. Repeater: Speccomm SR1000 A. Antenna: 6 db OMNI at 175' above ground. Bare Ele. 1350'. Accessories: (1) Autopatch for members. Members will dial-up for transients. (2) This is 2 frequency repeater, back-up for 34/94. (3) Can and has been run mobile!

Thanks to Harry, K8HF, for the above information.

***** WHAT THEY SAY AND WHAT THEY MEAN *****

YOU HAVE MY SUPPORT...You do it, I'll take the credit.
 IT'S IN THE PROCESS...We forgot about it until now.
 I HAVE A CONFLICT.....My wife won't let me go.
 IT FITS MY SCHEDULE...She's visiting her sister.
 A PROJECT.....Any activity requiring more than ten minutes.
 A PROGRAM.....A project requiring more than one phone call.
 RELIABLE SOURCE.....I just met the guy.

From ARNS & SARA

Henry Feinberg displays the "communicator" he created using a clothes hanger, a toy phonograph, an umbrella lined with aluminum foil and other household items that enabled E.T. to call long-distance-at intergalactic rates, of course.



It seems that almost everyone knows who film genius Steven Spielberg is, but who is Henry Feinberg? What do they have in common? In Spielberg's smash hit, E.T., the Extra Terrestrial, the stranded alien assembles a device that relays his distress signal to his compatriots. Spielberg hired Feinberg to design and build the "E.T. communicator" for the film.

Feinberg, a public relations employee of Bell Telephone Laboratories, is most suited for this type of work. In the 1960s, while still a college student, he went to work for Don Herbert's TV show, "Watch Mr. Wizard." Starting as an apprentice, Feinberg worked up to the position of Associate Producer before the show was canceled. He went on to produce the award-winning show, "Experiment," for public television.

The E.T. project started about two years ago when one of Spielberg's aides called Feinberg and asked him if he would devise a "communicator" that could be used in the film. Since designing things along this line is something he has done since he built his first ham radio station while in junior high school, Feinberg agreed to take on the project in his spare time.

Using articles commonly found around the average American home - such as a child's toy, a knife, a fork, a circular saw blade, a coffee can, a TV tuner and an umbrella-Feinberg designed a "plausible" beacon transmitter that could operate unattended, yet be capable of directing a pinpoint microwave signal into space. Although the "communicator" does not really function as a radio transmitter in real life, it was more than enough to enable E.T. to "phone home" in the movie. Once again a stranded traveler in need of emergency communications was aided by an Amateur Radio operator.

Taken from AMATEURRADIO A publication of the ARRL, October, 1982, Vol. 3 # 10, Written by Bill Pasternak. Photo's by Roger Tully.

MORSE CODE

THE HIGHEST RECORDED SPEED AT WHICH ANYONE HAS RECEIVED MORSE CODE IS 75.2 W.P.M.-OVER 17 SYMBOLS PER SEC. THIS WAS ACHIEVED BY TED R. McELROY (U.S.) IN A TOURNAMENT AT ASHEVILLE N.C., JULY 2, 1939.





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NOARS INFORMATION

The Northern Ohio Amateur Radio Society is a non-profit public service organization with the purpose of education, service, and furtherance of the art.

General Business Meetings are held on the THIRD Monday of each month at Gargus Hall, 1969 N. Ridge Road, Lorain, OH. at 7:30 p.m. Workshop Meetings are held on the FOURTH Mondays of each month at the Amherst Township Garage, Oberlin Rd., Amherst, OH at 7:30 p.m. Non-members are always welcome. A 2 meter net is held on the NOARS 10 70 repeater on Wednesdays at 0100Z. The NOARS COUNTRY 10X Net meets each Sunday at 28.855 at 1800Z.

If this is your first copy of the NOARS LOG, why not become a member and receive it monthly? Membership is open to anyone interested in communications, whether a licensed amateur or not. Dues are \$5.00 per year for a licensed amateur (full member), \$2.00 per year for non-licensed members (associate member), and \$1.00 per year for family membership (per person whether licensed or not). Checks are to be made payable to NOARS (please include your CALL), and mailed to "NOARS MEMBERSHIP," P.O. Box 354, Lorain, OH 44052.

NOARS APPLICATION

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