

NOARS LOG

Our 41st Year

Serving The Amateur Radio Community

The Newsletter of:

The Northern Ohio Amateur Radio Society

Welcome to NOARS country!

August 2005

SUN MON TUES WED THUR FRI SAT

NOARS meetings are held at: GARGUS HALL 1965 N. Ridge Rd. Sheffield Oh.



V.E. Exam Schedule: 1 P.M. Third Sunday of each Month. Elyria Red Cross 2929 N. Ridge Rd. Elyria, Oh.

(Across from old midway mall)

	1	2	3	4	5	6	
			NOARS NET	TECH NET			
			9 pm.	8 pm.			
			NCS: W8KYZ	NCS: W8KYS			
7	8	9	10	11	12	13	
			NOARS NET	TECH NET		NWOARC	
			9 pm.	8 pm.		Hamfest	
			NCS:	NCS: W8KYS		Lima Oh	
			WD80FG			• 0	
14	15	16	17	18	19	20	
	N.O.A.R.S	S.	NOARS NET	TECH NET			
	PICNIC		9 pm.	8 pm.			
	6:00 P.M		NCS: WD8IQJ	NCS: W8KYS			
21	22	23	24	25	25	26	
V.E.	Warren		NOARS NET	TECH NET			
EXAMS	Hamfest		9 pm.	8 pm.			
1 PM	€8/21		NCS:K8PJS	NCS: W8KYS			
27		29	30	NOARS nets are open to ALL!		to ALL!	
	28		NOARS NET				
	20		9 pm.				
			NCS:KC8TMZ				

Editorial and Contact Information	Pg 2	DX and Contest Corner	Pg 5
Roll Call – This & That -Upcoming Events	Pg 3	For Sale & Ad's Page	Pg 6
Meeting Minutes - Happy Birthday To:	Pg 4	Puzzle 0805 –NOARS Mission Statement	Pg 7



The Northern Ohio Amateur Radio Society **K8KRG**



August, 2005 Volume 41 Issue 8

Summer with NOARS!

Cost to get into NOARSFEST - \$5
Rent a Table at NOARSFEST - \$15
Fuel to get to NOARSFEST - \$20
Seeing NOARS ex-president jump in the lake to retrieve his model plane at NOARSFEST - PRICELESS

Can we have a good time at what we do or what?

I've said it before and I'll say it again. "NEVER MISS A NOARS EVENT OR YOU WILL MISS A GOOD TIME". Field day, NOARSFEST, Picnic, Banquet or WINTERFEST you miss one you miss a good time. You always get your moneys worth at a NOARS event.

Well NOARSFEST '05 is in the books. The results are being looked at and the final report will be forthcoming. Look for it in future issues of the LOG. On the surface and from interviewing attendees, it looks like another successful event. That's not a surprise to me. Nor should it be to anyone who's been around NOARS for a while.

Well the next good time will be the August Picnic August 15th we light the charcoal at six and start making burgers and weenies for the crew. We also supply buns and soft drinks. And the good cheer. Same place as the meetings. But come around back we'll have a burger waiting for you. If you wish, bring a covered dish to share with the gang. I'll be bringing my famous "Atomic" beans. Pasta salad and fruit is always popular. But I'll be looking for your specialty. Don't worry about the rain if it gets wet out we move inside. Come early! Eat a lot. Bring a friend. See you there!

Best 73 and CUL

John McKenna –WD8IQJ President NOARS
PO. BOX 432
Elyria, OH. 44036-0432
Or: E-Mail me at: wd8iqj@yahoo.com
All constructive criticism is welcome!

Who's who at NOARS?

2005 Elected Officials

President: WD8IQJ John McKenna Vice President N8PZD Clark Beckman Treasurer W8KYZ Tom Porter Secretary KA8VTS Darlene Ohman

K8KRG License Trustee

W8EU Mike Willemin

Committee Heads for 2005

News Letter Production: WD8IQJ John A.R.R.L. V.E.: W8KYZ Tom Porter Banquet: K8PJS Patrick Sweeney

N8DIU Gary Gargus

Property Manager: WD8BJY Doug Krucinski

DX Correspondent: N8CX Al Moriarty

USS COD Coordinators: KA8WMX Ted Jones Net operations Manager: WD8IQJ John McKenna

Hamfest Crew : W8KYZ Tom Porter

N8PZD Clark Beckman N8CX Al Moriarty

Web Master@www.noars.net: K8JWS John Schaaf Sunshine Committee: KD8SC Rosemary Shook

Repeater Upkeep: N8PZD Clark Beckman Membership: WD8IQJ John McKenna

Contact the above people using the appropriate information in your copy of the NOARS roster

Did I leave anyone out? Let me know I'll fix it ASAP!

NOARS ON THE AIR! Weekly Nets

146.700 Wednesday Night Rag chew 9 pm local NCS: WD8IQJ – K8PJS – W8KYZ – WD8OFG – KC8TMZ 146.700 Thursday Technical discussion net 8 Pm Local time

NCS: W8KYS – K8PJS All are welcome on NOARS nets!

Page 2

John ...

Roll Call July 18th, 2005 Meeting

WD8IQJ, JOHN N8PZD, CLARK N8DIU, GARY KC8POL, BOB KA8WMX, TED K8JWS, JOHN N8CX, AL KB8IOM, FRANK

19 Members and guests were in attendance

W8KYZ, TOM K8RWR, JOHN KD8SC, ROSE KC8ZZH, RICH WD8BJY, DOUG

KA8VTS, DARLENE WA8Q, JACK W8LKM, LARRY N8AKS, GLEN

Solution to Puzzle 0705

FERMIUMEEZFTH
DCNIODINELNEM
KMNORUFLUSLIT
RRUIGIIOTIRFG
PJIZRRXUPTHI
PEBNNIAMBORON
TOUBNIUMRADON
OMPEGLENXENON
NUDECOETELEAD
TIPTINLKSGXED
URANIUMOCNYPB
KAMERCURYIIXT
GBNCARBONCNEO

K8KRG ON THE AIR

Special Event Station K8KRG went on the air celebrating NOARS 41st year. Set up at the Lorain County fairgrounds during the 2005 NOARSFEST. Made six on the air contacts and seven eyeballs with guests at the hamfest our DX/SE correspondent N8CX will handle the QSL chores

Silent —Key George M Churpek, N6FL

1942– 2005

Longtime NOARS member and supporter Passed away July 4 2005

Upcoming events

Have your event posted here!

Send copy to: NOARS newsletter editor. PO BOX 432

Elyria, OH. 44036-0432

Email wd8igi@yahoo.com__deadline is third Tuesday.

Or Email wd8iqj@yahoo.com - deadline is third Tuesday of each month for the following months publication

HAM "OH" RAMA

The Alladdin Shrine Complex

3850 Seltzer Road Columbus, OH. (Off I-270) 8/6 Hours = 8 AM – 2 PM VE Exams – Seminars – Flea market Contact: Jim KB8KPJ – (614) 846 7790

North West Ohio A.R.C. 8/13 Hours 8am-3pm

2395 St. Johns Road, Lima, OH 45805 (Fair Radio Sales) Easy access 1/2 mile off I-75 Exit 122

Warren Hamfest

Trumbull Campus Kent State University Work Force Building Rt. 45 (Mahoning Ave.) and Rts.5 & 82 By-Pass Warren, Ohio

WWW.NOARS.NET

That's us!

Were up and running the improved website is well worth a visit. New pages, Faster servers. YOUR website is great!

NOARSFEST '05

Is in the history books and NOARS wants to thank once again its members Who put out that extra effort to Insure a good time Once again!

KB8IOM Frank
KD8SC Rosemary
N8CX Al
KC8YJW Keith
K8PJS Pat
KC8ZZH Rich
KA8VTS Darlene
W8KYZ Tom
N8PZD Clark
WD8BJY Doug
WC8ZJH N8PZD Clark
WD8BJY Doug
WC8ZJH KC8YJW Keith
KC8ZZH Rich
KC8ZZH Rich
KC8ZZH
K8JWS John

N8OFS Andy

THANKS From all of us!

Without you there would be no NOARSFEST

NOARSFEST '05

Everyone who came to the NOARSFEST was a winner. But here's the list of the ones who won big:

Main Prizes:

First Prize: IC706MKII-G – K8ZQI Robert P Fisher Second Prize: MFJ Discone Antenna N8YVG Fred Morris

> An HT A Hour! Winners Of ICOM IC-V8'S

> > 9:00 N8ATX Terry 10:00 K8WHK Rich 11:00 N8WH Bill

ARRL DOOR PRIZES:

9:00 OPERATORS MANUAL – N8EFO Tom 10:00 ARRL Publications On CD-ROM – K3DMM

Minutes of the July 18, 2005 Meeting Submitted by: Darlene Ohman, KA8VTS

The meeting began at 7:45 p.m. with 19 members and guests present.

Treasurers Report: Tom Porter, W8KYZ was read and a motion was made and seconded to accept the report. The motion was passed.

Secretaries Report: Darlene Ohman, KA8VTS, a motion was made and seconded to accept the minutes as printed in the newsletter. The motion was passed.

Newsletter and Membership: John McKenna, WD8IQJ, everything is going well. I signed up 5 new members and 6 renewals at Noarsfest.

DX: Al Moriarty, N8CX passed out copies of the DX report.

Repeaters: Clark Beckman, N8PZD, is going to the site and replace a fuse holder for the six meter repeater.

Sunshine: Rosemary Shook, KD8SC, a card was sent to Jim Henderson who has not been feeling well. Chick Jackson is in the hospital and a card was sent to his house. George Churpek, N6FL is now a silent key, he was a long time NOARS member.

Nets: Both nets are going really well.

New Business: At the September meeting we will discuss the Club Constitution and By-Laws.

The meeting was adjourned at 8:40 p.m.

Happy Birthday This Month To:

N8CX, N8DIU, W8GWD, W8ADV, W8MAX, KA8WMX, K8SVT, KC8YJB, AB8RO

A Few Of The Callsigns Heard On The

NOARS Nets Wednesday and Thursdays nights On The 146.700/100 Repeater In Elyria 7/6 ~ 7/27

W8KYS W8QXF N8MPC WA8PKC KC8VCM KD8AKA W8KYZ W8ADV WD8OFG N8PZD W8TAS WD8IQJ W8KYZ KB8NEA KC8TYM KC8QYL KD8SC N8THP KC8TYB K8AGW K8RWR KC8VNR AB8GI W8EDS WB8UDA K8AD K5VLX KC8YJW K8PJS

146.700 TWO NOARS NETS FOR YOU 146.700

The 9:00 Pm Wednesday Night Rag Chew Net

One of the longest running two meter nets in northern Ohio! You all are welcome to this informal friendly net. Hosted by: WD8IQJ – K8PJS – W8KYZ - WD8OFG – KC8TMZ

The 8:00 Pm Thursday Technical Discussion Net.

You don't have to be a techno-geek to enjoy this friendly net slanted toward the technical side of the hobby.

Hosted by: W8KYS

Where's the DX?

Taken From KB8NW Tedd's OPDX Bulletin.

NOTE! This is but a very small part of the complete OPDX Bulletin that can be found at www.papays.com/
The Ohio/Penn DX bulletin now has a new FAX number
Contributors can send DX information to: 1-419-828-7791 FAX only!

CY0, SABLE ISLAND - Remember to look for operators Joe/W8GEX, Wayne/K8LEE and Phil/W9IXX to be active as CY0AA from Sable Island (IOTA NA-063, CISA NS-004) between July 27th and August 6th. They are expected to be in the IOTA Contest (July 30-31st). Activity will be on 160-6 meters CW, SSB, PSK and RTTY. QSL via K8LEE. The team is still looking for donations to help offset the cost.

GERMANY NEWS (New Prefixes on the air!) - Stefan, DL1ELY, explains why you have been hearing all these new prefixes: "Germany has started to assign DQ and DR-prefixes. Beside that, club stations can now apply for 2x1-callsigns like DK2A. All numbers 0-9 mean "club station", there are no 2x1 callsigns for individuals. One more important change: While all DP-prefixes were extraterritorial area before (like DP0GVN, DP0POL in the Antarctica, DP0EPO Munich European Patent Office), now _only_ DP0-DP2 are extraterritorial. 2x1-Callsigns DP3A-DP9Z are "regular short callsigns" for Club stations. Please note there are still no 'DI' hamradio callsigns in DL."

IOTA NEWS - EU-042. Hans-Peter, DC1HPS, will be active as DC1HPS/p from Pellworm Island (GIA N-23 for the German Islands Award) now through August 7th. Activity will be on 80/40/20/15/10 meters, EU-045. Amedeo, IZ0FXW, will be active as IB0MDC from Ponza Island (IIA LT-001 and MIA MI-076), August 14-25th. QSL via his home callsign, direct or by the bureau. OC-NEW. Kardi, YB1TC, the QSL Manager for last year's Peucang Island DXpedition (OC-237), announced that there are plans to go to Karimata Island (a new IOTA) for early September 2005. The group going is looking for support. SA-069. (UPDATE) Members of the "Atacama Desert DX Group" will be on the air as 3G1M from Santa Maria Island, August 12-15th. Operators mentioned are: Nicolas/XQ1IDM, SERGIO/CE1RQB, Mauricio/CE2WUI, Mauricio/CA2UDO, Luis/CE2UWJ, Danilo/XQ4ZW and Marco/CE6TBN. Activity will be on 40-10 meters including the WARC bands and 6 meters. Modes will be CW, SSB, RTTY and BPSK. QSL via XQ1IDM, by the bureau or direct.

LIGHTHOUSE/LIGHTSHIP ACTIVITIES - Jeff, VA3QSL, will activate the Queens Wharf Range Lighthouse (ARLHS reference CAN-542) on August 6th (only) as VA3QSL/L, in Toronto for the National Lighthouse/Lightship Weekend. Activity will be on 40 and 20 meters. QSL to his home callsign, by the bureau or direct (w/SASE) to: Jeff Richardson, 36 Crawley Drive, Bramalea, ON L6T 2S1, Canada. The Old Barney Amateur Radio Club will be operating as N2OB from "Old Barney", the Barnegat Lighthouse (Lighthouse #USA-039) on Long Beach Island, NJ, (IOTA NA-111, USI NJ001S) on August 6th from about 1300z until 2100z (rain date August 7th). Most of the operation is planned for 20 and 40 meters SSB and local 2 meters. QSL via N2OB. The Old Barney Amateur Radio Club will be

Contest Corner

(excerpted from arrl.org)

<u>W1AW Qualifying Runs</u> are 10 PM EDT Wednesday, August 10 (0200Z August 11), and 4 PM Thursday, August 25 (2000Z August 25)

AUG 6-7

ARRL UHF Contest, 1800Z Aug 6-1800Z Aug 7

North American QSO Party, CW, sponsored by the National Contest Journal, 1800Z Aug 6-0600Z Aug 7

<u>Ten-Ten International Summer Phone QSO Party</u>--sponsored by Ten-Ten International, 0001Z Aug 6-2359Z Aug 7, 10 meters only.

TARA "Grid Dip" Contest--PSK and RTTY, sponsored by Troy ARA from 0000Z-2400Z Aug 6. Frequencies: 80-6 meters,

AUG 13-14

Worked All Europe DX Contest--CW, sponsored by the Deutscher ARC from 0000Z Aug 13-2359Z Aug 14, (phone is Sep 10-11; RTTY is Nov 12-13). Frequencies: 80-10 meters

AUG 20-22

ARRL 10 GHz and Up Contest, 0600 local Aug 20-2000 local Aug 21 North American OSO Party-SSB, sponsored by the National Contest Journal, 1800Z Aug 20-0600Z Aug 21 (see Aug 6-7).

New Jersey OSO Party--CW/Phone, sponsored by Englewood ARA, 2000Z Aug 20-0700Z Aug 21 and 1300Z Aug 21-0200Z Aug 22.

<u>International Lighthouse and Lightship Weekend--CW/SSB/Digital,</u> sponsored by ILLW from 0001Z Aug 20-2359Z Aug 21. Frequencies: CW--21 kHz above band edge; SSB--5<u>1</u> kHz above band edge.

AUG 27-29

Ohio QSO Party--CW/SSB, sponsored by the Mad River Radio Club, 1600Z Aug 27 -0400Z Aug 28. Frequencies (MHz): CW--3.545, 7.045, 14.045, 21.045, 28.045; SSB--3.850, 7.225, 14.2

QSO Party--CW/Phone/RTTY/PSK31, sponsored by the Koolau ARC, 0700Z Aug 27-2200Z Aug 28. Frequencies: 160-10 meters.

Kentucky QSO Party--CW/SSB/RTTY/PSK31, sponsored by Bullitt Amateur Radio Society from 1600Z Aug 28-0400Z Apr 29. Frequencies (MHz): SSB: ±20 kHz above General class band edge; CW: 3.55, 7.05, 14.05, 21.05 and 28.05

YO-DX Contest--CW/SSB, sponsored by the Romanian Amateur Radio Federation (RARF), 1200Z Aug 27-1200Z Aug 28. Frequencies: 80-10 meters. Summer VHF/UHF OSO Party--SSB/CW/FM, sponsored by the Colorado QRP Club, from 1800Z-2100Z Aug 28. Frequencies: 6 m, 2 m and 70 cm, 5 W output maximum, use recognized simplex frequencies according to the ARRL band plan, do not use the national simplex frequencies of 146.52 or 446.000 MHz.

operating as W2T from the **Tucker's Island Lighthouse** (USA-911) in the Tuckerton Seaport in Tuckerton, NJ, during the International Lighthouse Activity weekend August 20-21st, from about 1300-2100z each day. Activity is planned for 40 and 20 meters SSB and local 2 meters. QSL via N2OO.

MW0, *WALES* - Jim, M0ZAK, will be heading off into the depths of Wales, Lleyn Peninsula to be exact, from August 2-5th for a midweek break prior to a weekend's vintage motorcycle race on the Island of Anglesey. vintage motorcycle race on the Island of Anglesey. Modes will be digital, mainly PSK31 with some RTTY, on 40-10 meters as band conditions allow. He will be signing MW0ZAK/p from a caravan site in Grid Square IO72pt. QSL via M0ZAK..

SPECIAL EVENT - The SKY Contest Club from SUSAM (State Union of Serbia And Montenegro) will celebrate their 10th anniversary on the air using three special callsigns until December 31st. Look for the following stations to be active on the follow modes: YT310SKY (CW), YZ610SKY (SSB) and 4O310SKY (RTTY). These stations are expected to be active on all HF bands and major contests. They were heard on 30m CW, 20m SSB and 20m RTTY this past weekend. QSL via YT6A.

TK, *CORSICA* - Stefano, IK5XCT, will be active as TK/IK5XCT now through August 6th. Activity will be on all HF bands.

Please Note: This is only a <u>SMALL</u> part of: OPDX Bulletin No. 719 LOG TO: WWW.papays.com for the rest

(Only the parts relative to the time of distribution of the N.O.A.R.S. log were included here.)

NOTICE!

Al *N8CX* is our new DX correspondent if you have any juicy DX tidbits you want to share let Al know so he can announce them here and at the regular meetings.

(Look for BART on 444.8 soon)

For Sale & Advertisement's Page

All Submissions must be sent to wd8iqj@yahoo.com or sent to
PO BOX 432 Elyria, OH. 44036 Deadline for submissions is the Third Tuesday of each month.

All must include Asking price, sellers name, call sign and phone number.

ad's from current NOARS members (or paying advertisers) only will be accepted!

Notice! All ad's will be removed after three months unless updated!

NOARS reserves the right to refuse ad's at our discretion.

W8TAS Ted (440) 365-8041 5

UNIVERSAL tilt-over aluminum tower 30ft call on price

W8EU Mike (440) 324-4574 3/W8EU@QSL.net
ALPHA model 87-A Amplifier 2000 Watts (Key down) 160 ~ 10M
Auto – Tuning Lists \$7000 or
Best offer

N8MPC Jim (440) 774-1275 3/5 **BK** model 2160 Oscilloscope
60Mhz. Dual trace and time base
2 new Probes, Manual & Schematic
Asking \$350

WA8PKC Al (440) 309-5265
SEARS - CRAFTSMAN
Garage Door Opener,
Two Controllers, All Hardware,
Brand New In Box
Asking \$100

N8PZD Clark (216) 671-8795 6/5
ICOM 275A 2m.25w all mode with fm tone
Asking \$450

MIDLAND 100w UHF fm Mobil 64ch Asking \$200

UNIDEN gps/radar detector new \$199 – Asking \$125 w/box & manual

BEARCAT BC760XLT 100ch 800MHz Scanner w/box & manual Asking \$125

BEARCAT BC200XLT 200ch 800MHz with

Drop in charger base. Needs Batterv asking \$100

NOARS CHRISTMAS BANQUET! Coming Soon! Check Here For Details!







NOARS
WINTERFEST®
Coming Soon!
Check Here For Details!

(147 days till Xmas!)

Но Но Но Но!

WD8IQJ John, (216) 544-5761

7/5

Cushcraft 5 Element 6M Beam (on ground) new hardware good condition\$50 will deliver (within 40 miles)

Sears (*Konica*) KS-1 35 MM SLR Camera Kit With: 28mm, 50mm, 135mm Telephoto, 80-200mm zoom/macro Lenses. (K-

Mount) Vivatar 225 Flash Attachment,. Filters, Leather Cases, Steady rest, Zip Case, Flex Trigger. All You need to get serious about 35mm (film) photography...........\$400

(will not separate)

	F	S	R	W	S	W	I	M	M		Ν	G
F	Ν	R	В	C	Т	R	L	L	Ï	G	W	S
W	Ε	Α	T	Н	Ε	R	F	L	D	1	L	K
J	D	0	Ε	Υ	K	Α	K	E	С	S	С	F
E	D	Ν	I	Α	R		T	S	0	R	Α	L
R	G	D	Ε	D	Α	R	S	L	Ν	0	С	Υ
М	Ν	1	Ν	D	М	Р	Ε	С	Т	0	1	-1
E	I	L	I	L	Α	L	F	K	E	D	Ν	Ν
R	K	Ν	Н	Ε	E	Α	М	T	S	T	С	G
0	Ī	D	S	I	L	N	Α	0	T	U	I	1
С	В	В	Ν	F	F	Ε	Н	Н	F	0	Р	W
S	Υ	1	U	S	U	M	M	E	R	Т	Ε	T
L	K	Ν	S	Υ	S	W	Α	P	G	R	R	C

Puzzle 0805					
WORD LIST					
AIRPLANE	OUTDOORS				
BIKING	PICNIC				
BUY	RAIN				
CONTEST	SELL				
FIELDDAY	SELL				
FLEAMARKETS	SUMMER				
FLYING	SUNSHINE				
HAMFEST	SWAP				
HOT	SWIMMING				
NOARS	WEATHER				

ARE THERE MORE?

Mission Statement.

The Northern Ohio Amateur Radio Society

Is a public service organization with the purpose and goal to enhance the Amateur Radio Service through education and fellowship.

Meetings are held at 7:30 p.m. sharp on the third Monday of every month at: GARGUS Catering Hall - 1969 North Ridge Road Lorain, Ohio.

The meeting are open to the public. And all are welcome. Tune to the 9:00 pm. Wednesday night NOARS net on the 146.700/444.8 Mhz. repeaters on the E.S.T. bank Building in Elyria, Ohio for changes or updates in this schedule. Also the 146.700/444.8 repeater hosts the technical discussion net on Thursday Night at 8:00 pm.

NOARS can be found on the World – Wide – Web at: http://www.noars.net

NOARS also operates the Amateur radio station aboard the U.S.S. Cod the WWII Submarine museum next to Burke Lakefront Airport. In Cleveland. NOARS members are welcome to operate the club station there between the hours of 11 AM. and 5 PM. And will be admitted to the museum for that purpose at no charge.

If this is your first copy of the NOARS log. Why not become a member and receive it on a monthly basis? Membership is open to anyone interested in communications. The dues schedule is: Full \$10, Associate \$5 (non licensed), Family members of a full member are only \$2 ea.. make checks payable to NOARS and mail them to:

NOARS membership PO box 432 Elyria, OH. 44036-0432.

Use the handy application form on the reverse to Join NOARS

Use this form to apply for new membership, or to renew a membership, or to change information on file Please submit a separate form for each membership.

		the roster. So please mark a Renewal Changes	•	-
		License Expires/		
Name First	Init.	Last		
Membership type: □F	ull (\$10/yr) □Asso	ociate (\$5/yr)	2/yr) □Charter	
Membership expiratio	n date <u>12 / 31 /</u>	ARRL Y/N? Amo	unt paid \$	_
Street Address			Apt	City
StateZip				
		Mailings** via:		[
		Amount paid \$		
**Mailings = Monthly	newsletter, Roster	and/or Roster updates	iqj/08	31804
O.A.R.S.			THE NORTHERN OHIO AMATEUR RADIO SOCIETY 41	U.S Posta

N.(Elyria, OH. 44036-0432

Dated Material

Years Serving The Amateur Radio Community

ıge



Mailing Label