



www.noars.net

NOARS LOG

Our 51st Year serving the Amateur Radio Community of Northern Ohio.

Northern Ohio
Amateur Radio
Society

Volume 51, Issue 2

February, 2015

February 2015

SUN	MON	TUE	WED	THU	FRI	SAT
1 N.O.A.R.S. Winter Hamfest	2	3 10M Net 8p NCS: W8KYZ	4 ARN 8p BRTN 9:30p	5 Weekly Net 8p NCS: W8RET	6 ARN 7p	7
8	9	10 10M Net 8p NCS: NC8X	11 ARN 8p BRTN 9:30p	12 Weekly Net 8p NCS: W8KYZ	13 ARN 7p	14
15 VE Testing ARC Mansfield Hamfest	16 Membership Meeting - SDR's	17 10M Net 8p NCS: NQ8T	18 ARN 8p BRTN 9:30p	19 Weekly Net 8p NCS: KD8VTX	20 ARN 7p	21
22	23	24 10M Net 8p NCS: NC8X	25 ARN 8p BRTN 9:30p	26 Weekly Net 8p NCS: W8RET	27 ARN 7p	28

The Prez Sez:

The interest in this new mode that Yaesu brings out is thrilling with the features it can do - pictures - built in gps, I think it does texting thru the repeaters as well, however the best feature is nobody's equipment will be obsolete, many of us have fancy radios with monitor screens to see the closer signals, but the basic fm mode will still function just fine. I am typing this just after the news in New England reports the communications style is forced back to the 50's as the towers with the fancy stuff are failing they don't have x-linked repeaters now, I am sure there will be a ham story about this soon.

Speaking of fancy? I am digging inside my ft101 for the dsp signal to make field day a bit easier - everyone should bring headphones.

73...Clark N8PZD



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Northern Ohio Amateur Radio Society K8KRG

161 Herrmann Drive, Avon Lake OH 44012
E-mail: noars@noars.net

Award Winning Newsletter of:
The Northern Ohio Amateur Radio Society

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and Twitter



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 Public Service, Education, and Fellowship.

- Meetings are held at 7:00 p.m. sharp on the third Monday of every month at the North Ridgeville Branch of the Lorain Public Library, 35700 Bainbridge Rd, North Ridgeville, OH. The meetings are open to the public and all are welcome. Tune in to the 8 pm Thursday night NOARS net on the 146.700 MHZ. repeater located downtown Elyria, Ohio for changes or updates in this schedule. N.O.A.R.S. Repeaters can be heard at **146.700 (-) PL 110.9 & 444.800 (-) PL 131.8** in Elyria, OH, as well as, **145.150 (-) PL 110.9** in North Royalton, OH.
- Regularly scheduled NOARS nets are every Tuesday night at 8 pm on 28.370 MHz, and every Thursday night at 8 pm. for the rag chew and technical discussion net on 146.700 MHz. All licensed amateurs are welcome. NOARS membership is not necessary to participate. In fact all participation is encouraged and appreciated.
- NOARS can be found on the World Wide Web at: [http://www\(dot\)noars\(dot\)net](http://www(dot)noars(dot)net)
- NOARS Hosts two hamfest/computer shows annually. The winter hamfest in early February and the summer classic NOARSFEST hamfest and computer show in mid-July.

Membership is open to anyone interested in communications. The dues schedule is: Full \$15, Associate \$7 (non-licensed), Family members of a full member are only \$4 ea. Make checks payable to NOARS and mail them to:

NOARS Membership Committee, 161 Herrmann Drive, Avon Lake, OH 44012

Or use PayPal by sending your personal payment to [paypal\(at\)noars\(dot\)net](mailto:paypal(at)noars(dot)net).

Who's who at NOARS? (and how to contact them)

2015 Elected Officials

President: Clark Beckman N8PZD — President2015 at noars dot net
Vice President: Alex Pasini N8QL — vicepresident2015 at noars dot net
Treasurer: Thomas Porter W8KYZ — treasurer2015 at noars dot net
Secretary: Darlene Ohman KA8VTS — secretary2015 at noars dot net

K8KRG License Trustee

Al Moriarty N8CX — trustee at noars dot net

Committee Heads for 2015

Newsletter: Carl Rimmer W8KRF — noars at noars dot net
Education Chair: Alex Pasini N8QL — education at noars dot net
ARRL VE Team: Tom Porter W8KYZ
 Carl Rimmer W8KRF
 Joseph Cebula W8GWD
 Alex Pasini N8QL
 Bill Isenberg K8IC
 Steve Hill NQ8T
 Joe Oney W8SSE
 Jane Reed K8JGR
 Brian Kellison AC8RV
Membership: Carl Rimmer W8KRF — info at noars dot net
DX/Field Day Chair: Al Moriarty N8CX
Net Operations Mgr: Robert Tome W8RET
Hamfest Chair: Darlene Ohman KA8VTS
Website: Carl Rimmer W8KRF — website at noars dot net
Sunshine: Darlene Ohman KA8VTS - sunshine at noars dot net
Repeater Upkeep: Bill Isenberg N8IC
 Clark Beckman N8PZD
 Tom Porter W8KYZ
 Carl Rimmer W8KRF
 Tim Allen NC8X
Parliamentarian: Robert Tome W8RET

Roll Call: January Meeting Attendees

39 Members And Guests In Attendance

KA8VTS	N8QL	KD8MUF	K8JGR	KEVIN
W8KRF	N8COI	KD8VIQ	AC8RV	W8KFJ
W8RET	KD8WON	KB8MIS	WA8UGC	K8IC
W8NNC	KD8VTX	KD8ZVH	K8KIZ	W8IMO
W8KYZ	KD8ZRK	KD8TCZ	AA8S	JOSHUA
KD8MUW	KD8KAA	W8GWD	KD8CQ	N8CX
N8WS	WD8ASV	WB8UPA	K8RWR	KB8ZUN
WIAFC	NC8X		KF8PM	KE8ACH

Minutes of the January 19, 2015 Meeting

The meeting was called to order at 7:00 p.m., 39 members and guests present.

Ed Note: Darlene's computer died and she was unable to type up the minutes so I will summarize from memory.

- Introductions There was phenomenal attendance. As a matter of fact, there was standing room only. It was great to see so many members. We even had a few new members join. Thank you to all who renewed for 2015, also.
- Treasurer's report was read and a motion was made and seconded to accept. Passed.
- There were not minutes from December since that meeting was replaced with our annual Christmas banquet.
- Membership report was given by Carl W8KRF. Currently in the process of renewals.
- Website report was also given by Carl W8KRF. This is the clubs main means of disseminating announcements about events and activities. Please check it often.
- Newsletter report given by Carl W8KRF. Looking for short articles for the newsletter. Send to noars at noars dot net. Thank you to those who have submitted material in the past.
- Education committee report given by Alex N8QL. We are planning another class in the spring if enough people are interested. There is an interest in an Extra class but we would need experienced teachers to properly administer this class. It is still a possibility.
- During the Repeater committee report, Carl W8KRF gave a short briefing on the new Yaesu System Fusion repeaters which the club will be receiving in late February at a much reduced cost. There were some concerns but mostly acceptance of this system which will accommodate both digital (C4FM) and analog FM users. There will be extensive testing of the system before it is placed in service at the Elyria site. A motion was made and passed to allocate \$800 towards the purchase and installation of the first system. Approval for the purchase/reimbursement of the second repeater will be sought at a future meeting.
- Dave W8KFJ gave a short synopsis of what his program will consist of in February. He has asked that those interested in SDRs access a SDR 101 Primer which has links on our website on the Education page. If you plan to attend the February meeting, please download and read this primer so you will be able to better understand his more advanced presentation. SDRs are here and already inside many radios. Learn more about them and the future of ham radio.

Meeting adjourned at or about 8:35PM.



Winter Hamfest 2015

Sunday, February 1, 2015



Admission STILL only \$6.00 including Pancake and Sausage Breakfast!

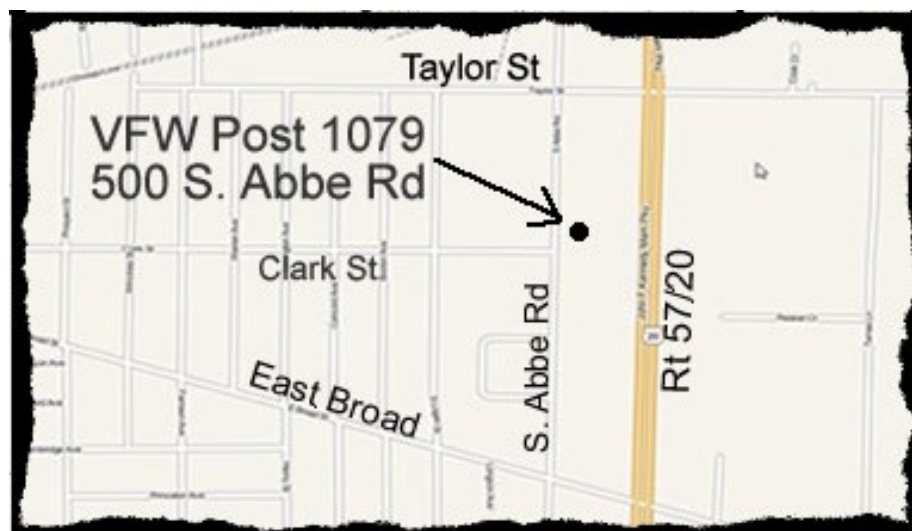
Tables Sold Out

The ARRL, Skywarn, ARES, and Lorain County Veterans Services will be available to answer any of your questions about their services.

For more info go to www.noars.net

Talk-in/Check in: 146.70 - PL 110.9

Setup 7-9 AM; Public Admission 9 AM



Members: As always, NOARS will have a “Self-Serve Table.” Please consider cleaning out your basement or garage of your unused items and donate them to the club for this table. All proceeds from these donations will go to our treasury in support of club events and activities, and our repeaters.

NOARS NEWS

To remain current, your dues must be renewed on or before February 1, 2015. You will be removed from the roster after that date. Your support is appreciated and needed so we can continue to upgrade our repeaters. Renew at the Winter Hamfest, Please.

February Meeting Program

W8KFJ, Dave, will be presenting a program on three SDR radios. First is the PBERRY SDR he has built. Secondly, the Elad FDM-DUO, and, lastly, a SDR radio based on the Hermes circuit board. Dave suggests reading his introduction to SDR which can be found on his "QRZ page" (and on our website at <http://www.noars.net/miscfiles/SDR101-7.pdf>) for background on his presentation. Join us for this interesting topic.

I am looking for a 100K 5-Watt Wire Wound Potentiometer. If you have one you can part with, please send e-mail to wd8osj@wd8osj.com. I will arrange pickup.

William Adams WD8OSJ

Message from Lorain County Wireless :

The Lorain County Wireless Operators are happy to announce the fourth straight year of operating from the Lorain Harbor Light August 14, 15 & 16 2015 in support of the International Lighthouse Lightship Weekend. This has become one of the waterfront's feature events drawing attention to the lighthouse.

Each year the LCWO has provided either labor, supplies or advertising to support the Lighthouse Foundation's continued efforts to return the light to its status as "Jewel of the Port". This year will be no different. The foundation is returning the structure and contents to a 1950's look and feel. In doing so they have agreed to feature an operational or static display, to be on permanent loan, of a period amateur radio station. The goal is a operational station as other events will be structured around it much like the USS Cod or the Zoo's Rainforest. This will also expose the public tours and private events that take place in the lighthouse to amateur radio.

So how can you help? We are looking for 1950's era equipment to build a station. We are also in search of a few hams that are proficient in the operation and maintenance of the equipment. We would like it to be fully operational or in a state that can be returned to operation.

If you would like to help or have an equipment donation please contact Jeff Evans, KB8ZUN, at either kb8zun@gmail.com or 440-228-6081.

This is a great opportunity to insure amateur radio continues to thrive and is in the public eye while paying back in honoring all the Elmers who helped us all in our continued growth in the hobby. You will also insure your callsign's legacy as a contributing force in the restoration of a National Landmark.

73,

Jeff Evans
KB8ZUN

NOARS NEWS

😊 **BTW Dept.!** 😊

Happy Birthday to the following members:

* KD8ZVH Dave * K8RWR * KD8ZRL Steve * KC8VFE Richard *

Ed. Note: If your birthday doesn't appear here it's a good chance that it's not in our database! Please contact: Carl W8KRF and update us!

Studying for your General License? Current General License Manuals are good through June 30, 2015. The new General Class Question Pool takes effect on July 1, 2015 and will be valid until June 30, 2019.

NOARS Has Two Nets For You!

On: 146.700 MHz Repeater, and 28.370 MHz

The 8:00 PM Tuesday Night 10 M Net

Join Tim, NC8X, Tom W8KYZ, and Steve NQ8T for this net.

The 8:00 PM Thursday Rag Chew /Tech Net.

Join us for our weekly 2M repeater rag chew and tech net

Hosted by W8RET - W8KYZ - N8CX - KD8VTX

Our repeater will be used by **Burning River Traffic Net** on **Wednesdays at 9:30 PM.**

A Few of the Call-Signs Heard On the NOARS Nets

January 2014

Tuesday and Thursday Nets

W8RET - K8RWC - KD2HCE - W8FAN - N8CX - WA8ERA - N8WS - WD8OSJ - KD8MUF - KD8NGE -
 W8BHJ - KD8LOO - WB8UPA - K8AGW - W8KRF - KA8KPT - N8MKJ - KD8WON - KD8VTX - W8KYZ -
 NC8X - W8GWD - KD8RTR - WA8WLI - K8KIZ - KF8PM - AC8RV - KC8AGU - N8PZD - WA9OZC -
 K8RWR - NQ8T - W8DJG - WZ8J - K8IC - KE8NN - W8KYS - W8GTS - KE8ACH - WN8Z

FOR THE NEWSLETTER...

Items submitted by members which might be of interest to our readers.

NOARS would like to congratulate Dan K8AGW on his 59th year of being licensed and active in ham radio. Dan is one of our most consistent check-ins to our nets, both the repeater net and the 10 meter net. Thank you, Dan, for your contributions to NOARS, specifically, and amateur radio in general.

Tom W8KYZ visited the DX Engineering Open House at Summit Racing in Tallmadge, Ohio on Saturday, January 10th. He reports that there was a nice display of MFJ products. He was especially impressed with the glass enclosed area where there was a IC-7600 operating station and other ICOM products. When he purchased items for NOARS some years ago, he dealt with Richard Stubbs who he met in person for the first time during his visit on January 10th. Richard was very cordial and treated Tom as if they had been friends for years. While there, Tom also met Martin F. Jue K5FLU, the founder and owner of MFJ. MFJ gave Tom some 2015 catalogs, plastic bags, and coffee cups AND they also donated 2 MFJ-281 speakers (\$13 value each) and a MFJ-822 SWR/Cross Needle Power Meter (\$60 value) as door prizes for our Winter Hamfest on February 1. Thank you MFJ.

The Inevitable Death of Ham Radio

by K5JDB on November 23, 2004

It ain't so much a problem,
Cause we are still so many,
We have a lot in common,
And most of us are friendly.

And if we are not needed,
As much as used to be,
The good that's been completed,
Will still be there to see.

We cannot know the future,
But today we can compete,
To fight the band-cut butcher,
And sure the challenge meet.

Whether we're a chewer,
Or contesting for the points,
We need to work with fervor,
To regain what we had once.

Support the League, amateurs,
And never let her down,
'Cause if she shuts her doors,
We may not be around.

We all have our weaknesses,
And it's for certain I do,
But we still make up a chain,
That none can break through.

There's bad is almost everything,
But why just make complaint,
Be the best you can be,
And let those leave who ain't.

I just love being a ham,
It's what I love to do,
As long as you are like I am,
I hope you will enjoy it too.

Submitted by: Clark N8PZD

For Sale & Advertisement's Page

All Submissions must be sent to [noarslog \(at\) noars \(dot\) net](mailto:noarslog@noars.net) or to: NOARS Log, 161 Herrmann Drive, Avon Lake, OH. 44012
 Deadline for submissions is the Third Tuesday of each month. All must include Asking price, sellers name, call sign and phone number.
 Ads from current NOARS members (or paying advertisers) only will be accepted! Notice! All ads will be removed (unless updated) after three months (as space is needed)! NOARS reserves the right to refuse ads at our discretion.

For Sale

W8ADV (SK) ESTATE SALE

HEADPHONES--COMPUTER MICS

Tempo HM-5 mic \$ 5.00

PRINTED MATERIAL

MFJ-259 and 259B Instruction Manual \$ 2.00

HALLICRAFTERS SX-71 "Original" Operating " " " " " Operating and Service \$10.00

KENWOOD TW-4000A Service \$ 5.00

YASEU FT-857D OPERATING \$ 5.00

Icom IC-7200 Manual \$ 5.00

Icom IC-3200 Manual \$ 5.00

=====

FOR SALE

(Estate of WB8TMR, SK)

Miscellaneous

Alliance HD-73 Rotor Control Box \$35.00

LARSEN ANTENNAS AND ACCESSORIES

Larsen NLA-TLM (trunk lip mount) NEW \$ 5.00

Larsen NLA-220 (200-265 MHz) Coil only NEW \$ 5.00

Larsen NLA-150-HW (coil only) \$ 5.00

Black Rain Cap (8) \$ 1.00

Tri-Band Mag Mount (860/1800/1900 MHz) New \$ 5.00

Larsen NLA-Q Coil/Ant 2M \$ 7.00

Larsen NLA-Q Coil/Ant 220M \$ 7.00

Larsen NLA Mag Mount 440 MHz \$12.00

Larsen NLA Coil/Ant 2M \$ 7.00

Mag Mount Mobile Antenna, 440 MHz \$10.00

CONTACT W8KYZ, TOM, 440.930.9115

COAX FOR SALE

(W8KYZ-440.930.9115)

RG-58-U with BNC connectors RG-8-U

33" w/ BNC (4) 2"

6' w/ BNC 1' (2); 1.5'

RG-58-U with PL-259 22"

15" I conn. (3) 2' (2)

18" 3' (3)

20" 32"

24" I conn. 33"

24" 39"

30" 42"

36" (2) 5' (2)

33" (2) 6' (2)

42" (2) 14' no conn

48" 15'; 20' I conn

5' (2) 45' I conn

8' I conn 50'

10' I conn 65' I conn

12' I conn ; 15' I conn 75' no conn

15' Mini 8/U

17' I conn. 4 1/2'

20' (NEW) 5'

24' 15'

55' 30'

RG-213/RG-214

with N connectors

RG-11-U

3' (RG-213) I N conn/IPL-259 3'; 5' I conn;

6' (2) (RG-214) N conn 17' Iconn

12' (RG-214) I N/IPL-259 65' (Belden 8238)
no conn

RG-213 with PL-259 BELDEN 8214

36" no conn; 39" w/PL-259 1.5'; 7'; 20' I conn

5' 2 conn; 6' (2) w/2 conn 27' I conn

8' w/N conn. Or PL-259

9' no conn RG-59U

12' (2) I conn 10"; 12"; 33"

20' (3) I conn; 26ft I conn 8'; 13'; 30'

For Sale

Kenwood TM-D710A (Used)

Description: The TM-D710 Data Communicator 144/440 MHz Dual Bander has the following features:

- APRS Ready
- APRS Weather Station ready
- KSS II+ (Kenwood Skycommand II+)
- NMEA 0183 GPS I/O port
- Built-in 1200/9600 bps TNC
- Echolink Ready
- High RF Power Output (V/U: 50 watt)
- 1000 multifunction Memory Channels
- Dual Receive on same band (V+V, U+U)
- NOAA Weather Alert/RX (US Only)
- MCP Compatible with ARRL "TravelPlus"



Asking a very reasonable \$500.

With Manual

Contact Carl W8KRF 216-759-1245/216-256-9624

w8krf@w8krf.net

FOR SALE

Yaesu ATAS 120A Mobile

HF/6M/2M/440 Antenna (New)

For use with YAESU FT-97, FT-100 and

Listed for \$500 - Call for \$300

216-759-1245/216-256-9624

SOLD

Amateur Radio Books for Sale (Cont'd)

ARRL Understanding Amateur Radio 1982..... \$ 5.00

Antenna for Sale

Hi-Par Saturn 6 meter mobile or fixed station antenna with matching MTI transformer. Excellent condition..... \$55.00

FOR SALE

Hammerlund HQ-110C w/spkr

(Rcvr does not operate. Great Sunday project) \$50.00

Bendix BC-221M Freq Meter \$25.00

Yaesu YSK-7800 separation kit (new) \$45.00

GE 49MHz Walkie-Talkie w/ 9v battery \$ 7.00

Morse code cassette tapes Make offer

Drake TV-42 Low Pass Filter (100w) \$10.00

Icom Leather Holster for IC-2AT \$ 5.00

Parts "Grabber" 20" \$ 1.00

LCD Digital Multimeter \$10.00

HT Antenna Various MFJ/Vocom/AEA \$ 5.00

CONTACT W8KYZ, TOM, 440.930.9115

Amateur Radio Books for Sale

1992 International Callbook.....	\$ 5.00
1995 North Sylvania Tube Manual	
RCA 1934 Transmit Tube Manual.....	\$ 5.00
RCA 1940 Receive Tube Manual.....	\$ 5.00
RCA 1940 Transmit Tube Manual.....	\$ 5.00
RCA 1947 Tube Manual.....	\$ 5.00
GE 1955 Tube Manual.....	\$ 5.00
ARRL Repeater Directory 1978-79....	\$ 1.00
ARRL Repeater Directory 1982-83....	\$ 1.00
ARRL Vol I Antenna Compendium...	\$10.00

For Sale

- **Icom 751** All Mode HF Transceiver with all filters; voice synthesizer; has RC10 frequency controller key pad; build in power supply; SM-8 mike with two cords, mobile bracket, mobile power cord, manual and service manual..... \$750.00



- **Icom IC-V8000** mobile, 75 watts output, hand mike, bracket; manual and box \$200.00
- **MFJ-949E** Antenna Tuner, 300W, 1.8-30MHz, Peak Cross Meter with light cord \$130.00
- **MFJ-921** Antenna Tuner 144 MHz, 220MHz Antenna Tuner \$ 65.00
- **IC PS 15** power supply\$ 50.00
- **Homebrew** 50 W power meter \$ 35.00
- **Diamond SX200** HF power/watt meter \$ 50.00
- **Pyramid 55** amp power supply \$150.00

Contact Rich K8RWC
(440) 787-7371/(440) 324-4695
k8rwc@yahoo.com

Livonia Amateur Radio Club

Talk-in
145.35 with 100 PL
or 146.52 Simplex

44th

GREAT
VENDOR
ACCESS

ANNUAL

SWAP-N-SHOP



Buy and Sell Amateur Radio
Gear, Computers, or
Electronic Test Equipment



Civic Park Senior Center
15218 Farmington Rd.
Livonia, MI

(SE corner of Farmington
Rd. and 5 Mile Rd.)

Livonia ARC
P.O. Box 51532
Livonia, MI 48151-0532
www.livoniaarc.com

Call (734) 941-5043

or e-mail us at k8uns@arrl.net

Sunday, February 15, 2015 8:00am - 12:00pm

*Lots of Tables
(8' tables for \$16 each
if paid in advance or
\$20.00 if available and
paid at the door)

*Door Prizes
*Food Concession
*Tickets \$5.00

Mid❄️ Winter Hamfest & Computer Show Mansfield, Ohio

Sunday, February 15, 2015
Richland County Fairgrounds
750 North Home Road



Talk-in on W8WE
146.94 71.9PL

Gates Open at 7am

SPONSORED BY THE INTERCITY AMATEUR RADIO CLUB, INC.

Visit us on the web at <http://www.w8we.org/>

Forums and VE Test Session

9:00am—Ohio Army MARS Forum
10:00am—ARRL Forum
11:00am—OSSBN Forum
12:00pm—VE Test Session
(Pre registration for test is required, e-mail vkafotchi@aol.com to register)



Tickets: Advance \$5
At the Gate \$6
Tables, *Advance Only*: \$15
Ticket and Table Deadline- January 29
Online ordering-<http://hamfest.w8we.org>

Advance orders (**must include SASE**) to:
Danny Bailey, K8BSTK
70 Euclid Street
Shiloh, OH 44878
419-896-2165 (After 3 P.M. Please)

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*****IMPORTANT*****

Are you joining the ARRL? Did you know that NOARS will receive a commission if you do your transaction through us? Note: We are no longer processing renewals because of a poor cost/benefit ratio.

Commission Terms

ARRL Affiliated Clubs receive a commission for every new ARRL membership they submit to ARRL Headquarters.

Clubs retain **\$15 for each new membership** OR lapsed membership (of two years or more). A NEW MEMBER is defined as any individual who has never been a member of ARRL or any individual who has not retained a membership for two or more calendar years prior to the application submission.

If you are not an ARRL member, please consider joining now. As an affiliated Club, we are required that 51% of our membership be active ARRL members. If you are joining, contact Tom Porter, W8KYZ. **This is important.** You will gain benefits provided by being a member of the ARRL, and NOARS will receive some income to help support our activities and events, as well as our repeaters.