

VOARS LOG

Our 49th Year

Serving The Amateur Radio Community

www.noars.net

The Award Winning Newsletter of:
The Northern Ohio Amateur Radio
Society

Welcome to NOARS country! March 2013

NOARS Membership Meetings Are Held at: Gander Mountain (Gander Lodge Room) On The Third Monday Every Month! @ 7:ØØ P.M.



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

SUN	MON	TUES	WED	THUR	FRI	SAT
The nets will return to 146.700 as soon as the repeater is operational. For the time being, they will be held on 444.800 + PL 131.8. ARN is suspended until 146.700 is operational.					ARN 7pm Youth-net 146.700 @ 5pm	2
3	4	5 1ØM Net 8PM 28.37Ø +/-	6 NOARS NET* 9 pm. NCS: K8HRD	7 Tech NET* 8 pm NCS:KD8JNK	8 ARN 7pm Youth-net* 146.700 @ 5pm	9
1Ø	11	12 1ØM Net 8PM 28.37Ø +/-	13 NOARS NET* 9 pm. NCS: KD8JAN	14 Tech NET* 8 pm NCS: N8COI	15 ARN 7pm Youth-net* 146.700 @ 5pm	16
17 VE Testing @ Elyria Red Cross	18 NOARS Meeting Gander Mtn.	19 1ØM Net 8PM 28.37Ø +/-	2Ø NOARS NET* 9 pm. NCS: OPEN	21 Tech NET* 8 pm NCS: W8KYZ	22 ARN 7pm Youth-net* 146.700 @ 5pm	23
24 31	25	26 1ØM Net 8PM 28.37Ø +/-	27 NOARS NET* 9 pm. NCS: N8COI	28 Tech NET* 8 pm NCS: N8CX	29 ARN 7pm Youth-net* 146.700 @ 5pm	30

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The Northern Ohio Amateur Radio Society

K8KRG

March, 2Ø13 - Volume 49 Issue 3



Welcome To

MOARS Country

There is a big hole in the heart of NOARS with the sudden and unexpected passing of John McKenna, WD8IQJ. As I started editing this newsletter, which had already been started by John, I was saddened by the number of times I had to delete or change his call sign. In many respects, he was NOARS. We will survive and go on, but it will take more than a few of us to carry the load that John carried. KD8JNK, has accepted the appointment to Net Manager which his grandpa did so efficiently. John taught Morgan well, so I am sure he will do a very effective job in that position.

It is exciting to see some of our newest members stepping up and offering to assist with the operation and goals of this organization. Rudy, KE4SJC is enthusiastically preparing to get an education program going by spring. Rob, N8COI, has offered to fill in wherever he can as Net Control and we will be taking him up on that offer.

Although our membership numbers are not where I would like to see them, we do have a roster of outstanding people and very qualified hams who will be asked to contribute just a bit more. I fear we will feel the absence of John most at our upcoming events, i.e., Field Day and NOARSfest. He was always very central to these activities. We will go forth and make these events special this year in memory of our beloved John.

Carl W8KRF



◎ BTW Dept.! **◎**



Happy Birthday to the following members:

* W1AFC David * AF8B Don Norman * N8BSW Robert * W8FJR Frank * K8JAD Jeff * KB8NW Tedd * KF8PM Alan * KC8RNV Ryan * KE4SJC Rudy * KD8TOP Kevin *

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

Who's who at NOARS?

(And How To Contact Them)

2Ø13 *Elected Officials*

President2Ø13atnoarsdotnet:.....W8KRF CarlRimmer Vicepresident2Ø13atnoarsdotnet:..N8QL Alex Pasini Treasurer2Ø13atnoarsdotnet:.....W8KYZ Tom Porter Secretary2Ø13atnoarsdotnet:......KA8VTS Darlene Ohman

K8KRG License Trustee

trusteeatnoarsdoinet N8CX Al Moriarty

Committee Heads for 2Ø13

Newsletter Production: W8KRF Carl (Editor - temp) (noarslogatnoarsdotnet) W8KRF Carl (Publisher)

A.R.R.L. V.E......*W8KYZ* Tom Porter

W8KRF Carl Rimmer W8GWD Joseph Cebula

N8QL Alex Pasini K8IC Bill Eisenberg

Education Committee Chair: *KE4SJC* Rudy Fox Membership2Ø13atnoarsdotnet: W8KRF Carl Rimmer Property Manager: WD8BJY Doug Krucinski

DX/Field Day Chair: *N8CX* Al Moriarty

Net Operations Manager: KD8JNK Morgan McKenna

Hamfest Chair: KA8VTS Darlene Ohman Webdesignatnoarsdornet: W8KRF Carl Rimmer Sunshine Committee: W8FJR Frank Reese Repeater Upkeep: WB3JVK Stephen Robbins

> K8IC Bill Isenberg N8PZD Clark Beckman

Elmer: W8ADV Ray Smith

NOARS IS ON THE AIR! **Weekly Nets:**

28.37Ø MHz Tuesday Night 1Ø Meter Net 8pm local time NCS: NC8X

146.7ØØ Wednesday Night Rag Chew Net 9pm local time NCS: K8HRD - WA8ADE - KD8JNK- KD8JAN

146.7ØØ Thursday Technical Discussion Net 8pm Local time NCS: W8KYZ-N8COI - KD8JNK - K8WRS

All are welcome on NOARS nets!

NEW NET!

NOARS proudly announces sponsorship of: The Youth Op's Net – NCS KD8JNK 5pm 146.7ØØ

NOARS NEWS

One of the goals of the Education Committee under the co-leadership of Rudy, KE4SJC and Alex, N8QL, is to present a short program at each of our monthly meetings highlighting an aspect of ham radio which will inform and educate members who may wish to upgrade or become aware of aspects of the hobby which they may have never experienced. If there is a topic which you would like to see presented, please contact Rudy or Alex at education(at)noars(dot)net.

Sunshine Committee Reports

W8FJR Frank

Flowers were sent to the funeral home for John's viewing and funeral. A card was also sent to the family.

A card was sent to the family of Dallas Butcher, KC8E, who passed on Saturday, January 19, 2013.

Membership News!

The 2013 Membership roster is being finalized and will be distributed soon. We are still receiving renewals so if you have waited until the last minute, the time is now! We've had a few members renew using PayPal which makes the process very easy and convenient. Try it.



(Just Rants and Raves From Cleveland)

Rave Department

Albert Einstein, the great theoretical physicist, and thinker of the 20th century, contrary to popular opinion was not a great mathematician. In fact, his math for his general relativity theory was seriously flawed which would of rendered his work (and career) as doubtful! Fortunately, he caught the mistake right before he published the work. And 10+ years of work was saved! How he was able to see the very abstract subjects that he did was through what he called "thought experiments!" (We call them daydreams!)

Rant Department

When are we going to get our repeaters operating properly and back on the air? That has been the question from many of us for months? Our net participation is down because many of our members do not have 70 cm capability and the controller/timer on 444.800 is not functioning as we are used to. Isn't it time to overlook differences of opinions and methodologies and work for the common good of the organization? We depend on these repeaters to operate effectively. Our members want a system that is dependable and one which will allow us to carry out our mission effectively.

What is...Field Day?

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations. Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN! It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar. The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions. We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, Nonemergency activities. But despite the development of very complex, modern communications systems — or maybe because they ARE so complex — ham radio has been called into action again and again to provide communications in crises when it really matters. Amateur Radio people (also called "hams") are well known for our communications support in real disaster and post-disaster situations. (Taken from ARRL Website)

Roll Call: February 18, 2Ø13 Meeting						
21 Members And Guests In Attendance						
W8KRF	KA8VTS	N8QL	N8PZD	W8FJR		
W8RET	N8COI	KD8MUF	K8RWC	KD8JNK		
KD8TCZ	WB3JVK	NC8X	KE4SJC	N8RVE		
K8HRD	W8GWD	KD8MCN	N8WDW	Cassi		
		Maddy				

Minutes of the February 18, 2Ø13 Meeting Submitted by: Darlene Ohman, KA8VTS

The meeting began at 7:00 p.m., 19 members and guests present.

- Treasurers Report: Tom Porter, W8KYZ, was not in attendance. Report will be given at March meeting.
- **Secretaries Report:** Darlene Ohman, KA8VTS, a motion was made and seconded to accept the secretary's report as written in the NOARS Log. The motion was passed.
- Education Committee: Rudy Fox, KE4SJC, I would like to get a Technician class going in March. I have a lot of ideas for the promoting of the club and the education classes. Much more to follow include meeting programs.
- Newsletter: Carl Rimmer, W8KRF, I will be taking care of the newsletter. Request submissions from membership.
- Membership: Carl Rimmer, W8KRF, as of tonight we have 83 members. I will be putting a roster out in March.
- **Nets:** Morgan McKenna, KD8JNK, the nets are now on 444.80 until the 146.70 repeater is repaired. I need net control operators to run Wednesday night nets for the 3rd and 5th weeks & Thursday night net for the 4th week.
- **Sunshine:** Frank Reese, W8FJR, Dallas Butcher passed away in January. John McKenna, WD8IQJ, passed away on Feb. 9th Flowers were sent to the funeral home and a card to the family. We received a very nice thank you card from John's family.
- Web Site: Carl Rimmer, W8KRF, I'm keeping it up to date. There is a memorial page for John and Dallas.
- **DX:** Al Moriarty, N8CX, not in attendance.
- **Repeaters:** The repeater committee has asked that Clark Beckman, N8PZD, work on the 5.15 repeater only and get that back on the air. Tim Allen, NC8X, will have the key to the 146.70 repeater site. Steve Robbins, WB3JVK, will work on and fix the 146.70 repeater. Note: There was a repeater committee meeting on Saturday, February 23rd. Some progress has been made.

Old Business:

Winter Hamfest: Everything went very well. The vendors were very happy. Dee Dee, KA8VTS, would like to thank everyone that helped out. Everyone that helped did a wonderful job. THANK YOU VERY MUCH.

New Business:

NOARSfest is looming in the not too distant future. Field Day will come before that so we must start planning.

The meeting was adjourned at 7:38 p.m.



A Few Of The Call-Signs Heard On The NOARS Nets.

Wednesday and Thursday nights On The146.7ØØ&444.8ØØ Repeaters In Elyria

 $1/25 \sim 2/14$

WD8IQJ W8ADV WA8ERA W8RET KE4SJC KA8WQL WD8ADG W8KYS W8KYZ N8WS KB8ZUN KD8JNK KD8KAA N8RVE K8RWC KD8TCZ N8COI W8FJR KC8FQV W8GWD W8KRF KD8MUW KD8PHL K8WRS N8AHS KY4CA N8CX KD8GXL KD8JMO KD8MUW KB8ORE KA8VTS K8IC KF8PM

NOARS Has Three Nets For You!

On: 146.7ØØ & 444.8ØØ MHz Repeaters, and 28.37ØMHZ

The 8:ØØ PM Tuesday Night 1Ø M Net

Join Tim, NC8X for this ever growing net.

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: K8HRD- KD8JAN- KD8JNK - N8COI

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: W8KYZ - KD8JNK - K8WRS - N8COI

OPDX Bulletin #1100

- 3V, TUNISIA (Correction/Operator Update) An Italian group, along with the Association des Radio Amateurs Tunisiens (ARAT) and the Engineering University of Gabes, are planning a second IOTA DXpedition to Djerba Island (AF-083, WFF 3VFF-007, WLOTA L-1394 and ARLHS TUN-022), between April 29th and May 6th. The Association des Radio Amateurs Tunisiens (ARAT) is expected to receive the callsign TS8TI on March 15th. Current operators/club participants mentioned are 3V8SA (ARCS of Tunisian Scout), 3V8ST (ARC of Tunis), 3V8ESG (Department of Communications and Networking National Engeneering School of Gabès), 3V8SF (Scout Radio Club of Sfax), Leopoldo/I8LWL, Fred/IK7JWX (Team Leader), Antonello/IK2DUW (QSL Manager), Titti/IK8GQY (YL), Ferruccio/IK8TEM, Ampelio/IS0AGY, Rosy/IW2NLC (YL), Ashraf/KF5EYY and Stefano/IK6JRI. Activity will be on all HF bands, including the 30/17/12 meter bands and the CW, SSB, RTTY, AMTOR and PSK31 modes. They are looking for operators, sponsors and individual contributions, contact Fred, IK7JWX, at ik7jwx2003@yahoo.it.
- 9X, RWANDA Nick, G3RWF (5X1NH), plans to go to Rwanda between March 4-12th. He has requested the callsign 9X0NH, and the license should be valid for 2013 because he could return later in the year. Activity will be from Kigali and will be mainly CW. QSL via G3RWF.
- DXCC NEWS Bill Moore, NC1L, ARRL Awards Branch Manager, is now accepting the following operations for DXCC credit: **Z81A and Z81D Republic of South Sudan;** Current operations commencing 2012
- IOTA NEWS EU-001. Operators Teo/SV1GRM, George/SV1RP, John/SV1GYG, John/SV1GE and Takis/SV2FWV will be active from Kalolimnos Island (GIOTA DKS-048, MIA MGD-011, WLOTA 0662) between May 10-20th. Activity will be on all HF bands and modes. QSL via SV1GRM. EU-010. Graham, MM0GHM, will be active as MM0GHM/m from the Isle of Barra (IOSA OH11, SCOTIA HI02, WLOTA 3126), Outer Hebrides, between March 24-29th. Activity will be on the HF bands, depending on propagation. QSL via his home callsign, direct or RSGB Bureau. EU-038. Dirk, DL5DCL, will once again be active as PA/DL5DCL from NA-171. (Update) Operators Ismael/XE1AY, Benjamin/XE1AU, Armando/XE1CIC and Enrique/XE2AA will be active as XF2E from Venados Island between April 21-26th. Activity will be on 160-6 meters. QSL via IT9EJW. Visit their Web page at: http://www.it9ejw.it/xf2e OC-161. Imam, YB4IR, will be active as YB4IR/6 from Nias Island between March 8-13th. Activity will be on the HF bands. QSL via his home callsign. Visit his Blog page at: http://wb4ir.blogspot.com OC-245. Operators Ucok/YB6AR, Adhi/YB3MM, Budi/YF1AR and Evendi/YC6EI will be active from Rondo Island (ARLHS IDO-369) between March 9-17th. Callsign has not yet been announced. Activity will be on 160-10 meters using CW, SSB and RTTY. QSL via IZ8CCW, direct or by the Bureau. For more info and updates, visit: http://www.mdxc.org/oc-245
- J7, DOMINICA Rick, KK4GV, will be active as J79GV from Calibishie on the northeast side of the island of Dominica (NA-101) between March 8-17th. He states, "The island is fairly un-commercialized and is mostly rainforest and volcanic mountains. It has the tallest mountain peaks in the Caribbean and is called the 'Nature Island of the Caribbean'." His activity will be holiday style and SSB only. QSL via his home callsign, direct or by the Bureau. He will upload log to LoTW when he gets home.
- MJ, JERSEY A Belgian team will be active as MJ/ON6NB from Jersey between May 24-30th. Operators mentioned are Philippe/ON4ACP, Erik/ON4ANN, Jose/ ON4CAU, Erik/ON4CCV, Walter/ON8CW, Cedric/ON4CKM and Rudi/ON6MI. The pilot station will be Frans/ON6QB. Activity will be on 160-2 meters using CW, SSB and PSK. An emphasis will be on the higher bands, conditions permitting. QSL via ON4ANN, direct or by the Bureau. There will be an online log search at: https://secure.clublog.org/logsearch/mj/on6nb A Web page is available at: https://users.telenet.be/on4ann/MJ/index.html

Please Note: This is only a <u>SMALL</u> part of: OPDX <mark>Bulletin 1100</mark> LOG onto: www.papays.com for the rest (Space permitting, only the parts relative to the time of distribution of The N.O.A.R.S. Log Were Included Here)

CONTEST CORNER				MODE		
DATE TIME	BANDS	NAME	PH	CW	DG	
Mar 2 0000Z - Mar 3 2400Z	160-10	ARRL Int'l Phone DX Contest	X			
Mar 5 1900Z – 2100Z	80	YL CW Party		X		
Mar 9 1400Z – 2000Z	80-10	AGCW QRP Contest		X		
Mar 9 1600Z – Mar 10 1600Z	80-10	EA PSK63 Contest			X	
Mar 10 0000Z – 0400Z	80-20	North American RTTY Sprint			X	
Mar 16 0000Z – Mar 17 2400Z	2, 70cm	Worldwide EME Contest	X	X		
Mar 17 0000Z – 0400Z	80-20	North American Sprint	X			
Mar 18 0200Z -0400Z	160-10	Run For The Bacon		X		
Mar 21 0030Z- 0230Z	80-20	NAQCC Monthly QRP Sprint		X		
Mar 23 0001Z – Mar 30 2359Z	160-10	Lighthouse Sprint Lites QSO	X	X	X	
Mar 30 0000Z – Mar 31 2400Z	160-10	CQ WPX SSB Contest	X			

Check for updates, additional contests, and a downloadable PDF version online at www.arrl.org/contests

NEW CONTEST (RaDAR 2013)

The RaDAR-America contest is an event aimed at promoting the use of Rapidly Deployable Amateur Radio stations throughout North and South America. This contest is for all licensed radio amateurs. A choice is made prior to the contest to participate in one of the defined categories. The points system is so structured as to encourage portable operation, especially moveable stations. The event takes place the first Saturday of April and first Saturday of November starting at 14:00 UTC and ending at 18:00 UTC (4 hours). Complete rules can be found at:

http://radar-america.blogspot.com

For Sale & Advertisement's Page

All Submissions must be sent to noarslog(at)noars.net or to: NOARS Log, 161 Herrmann Drive, Avon Lake, OH. 44Ø12

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 (unless updated) after three months (as space is needed)! NOARS reserves the right to refuse ads at our discretion.

The following items are from the estates of W8AJZ (SK), WA8PKC (SK), K8CUJ (SK)

<u>MAKE OFFERS TO TOM, W8KYZ</u> <u>PH (440) 930-9115</u>

MICS.

- TEMPO HM-5 (ROUND 6 PIN PLUG) 5.00
- RADIO SHACK ("5"") 5.00
- YAESU (ROUND 4 PIN PLUG) 5.00

LOW PASS FILTERS

- R. L. DRAKE TV-42-LP 5.00
- BENCHER YA-1 5.00
- GOLD LINE 5.ØØ

MISC.

- MAHA MH-C124S, AA/AAA BATTERY CHARGER \$15.00
- GE 49 MHZ BAND WALKIE TALKIE (2 UNITS) 10.00
- FELLOWS (STRAIGHT CUT) PAPER SHREDDER 5.00
- HAND STAPLER (1 LEFT) 3.00
- SCOTCH TAPE DISPENSER (1 LEFT) 1.00
- SOLDERING IRON. 3Ø WATT 5.00
- CLIP BOARDS (8 1/2 X 11) .75
- Superscope PSD23Ø. Performing Arts CD Player
 M O
- TECHNICS STEREO DOUBLE CASSETTE DECK (TR-355) M. O.
- PIONEER LASER DISC PLAYER (CLD-A1ØØ)
 M. O.

Ken - WD8CCZ - 44Ø-452-9765

- For Sale: FlexRadio 5ØØØA \$21ØØ.ØØ Excellent condition.
- 5 month old MacBook Pro 15 inch retina display. 8Gig of RAM. 25ØGig SSD. Includes external DVD and two adapters for dual external monitors. AppleCare on it good thru July 2Ø13. \$2ØØØ

Non-smoking environment. Live in Grafton area if you'd like to see.

TOM, W8KYZ, 44Ø.93Ø.9115

 ANTENNA SUPPORT ROPE 3/16" 7ØØLB. TEST STRENGTH. (SYNTHETIC TEXTILES BRAND) .11 PER FOOT. HAVE UP TO 25Ø FT AVAILABLE.

NEEDED!

A HAM FRIEND OF MINE IS LOOKING FOR OLD QSL'S NO LONGER NEEDED. DX OR LOCAL Ø1/13

ARRL STUDY MATERIAL

NOARS members who are studying for their Technician, General, or Extra Class license can order their study manuals through the club at a reduced price, NO shipping charges. Contact W8KYZ, Tom, 440.930.9115.

N8TN Vic Woconish - 143 Longford Ave Elyria, Oh 44035-4Ø33

Home Phone 440 365 6672 - Cell Phone 440 458 2563

 Yaesu FT-ONE General Coverage All Solid State Transceiver

7/12

- Tri-Band Beam 10-15-20 Meters, All Aluminum (W3DZZ) 64 LBS Total
- 3 (Three) Ham M Rotors With Locking Brakes
- 4 Element 10 Meter Beam
- 3 Element 15 Meter Beam
- 1 20 Meter Driven Element Aluminum, Omega Match
- 1- 15 Meter Driven Element Aluminum, Omega
 Match

 Mat
- 52 Ft Tower
- Dual 21 Element Beam for 440
- Dual 9 Element Beam for 137.500 MHZ for Satellite Receiving

All Rotor controls and Hardware Included

\$2500.00 Takes all

Carl Rimmer W8KRF 216-759-1245

ICOM IC-282Ø w/ UT-123 GPS/DSTAR module

VHF/UHF Analog and DSTAR Dual Band Transceiver with original box and manual *Like New Condition.* \$75\Omega.\Omega\Omega





9/1

Happeningsl

TOLEDO MOBILE RADIO ASSOCIATION

TMRA 58_h Hamfest -Radios/Computers/Electronics

March 17th 8:00 am - 2:00 pm

Owens Community College Student Health and Activity Center (SHAC) 30335 Oregon Road, Perrysburg, OH 43551 Talk-in: 147.27+ GPS N 41° 35.575' W 83° 32.051'

NODIG announces an Ohio Area Wide D-STAR Net

Sunday Nights at 8:Ø1 PM on **XREFØ38A** or any system linked to it.

Local RF on WA8DIG B or WB8THD B DV Dongles, DVAPs, Hotspots link to XREFØ38A



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 7:00 p.m. sharp on the third Monday of every month at Gander Mountain's "Gander Lodge" room! It is located at 5244 Cobblestone Rd. Sheffield Village, Oh. 44035. The meetings are open to the public and all are welcome. Tune in to the 9 pm Wednesday night NOARS net on the 146.700/444.800 MHZ. repeaters located 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.
- N.O.A.R.S. Repeaters can be heard at 146.7ØØ (-) 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, Wednesday night at 9 pm. for the rag-chew net and every Thursday night at 8 pm. for the technical discussion net on 146.700/444.800. The Youth Net is on Fridays at 5 pm. 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
- 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.

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 Committee, 161 Herrmann Drive, Avon Lake, OH 44Ø12

Cuyahoga Falls Amateur Radio Club





Electronics and Computer Show

Saturday, April 13, 2013, 8:00 AM - 1:00 PM

Same Huge Location - All Inside on One Floor

Emidio and Sons Party Center
48 E. Bath Road at the Corner of State Rd., Cuyahoga Falls, OH

ADMISSION: \$6

Reserved tables: First - \$21 (includes chair and ticket), Second - \$15 (includes chair) and additional tables \$12 each \$18 on the day of the Hamfest if available

Online Table Reservations at: http://www.cfarc.org/hamfest2013r.html

For Table Reservations Contact:

Ted Sarah, W8TTS 239 Bermont Ave., Munroe Falls, OH 44262 Phone: 330-688-2013 • Email: hamfest2013@cfarc.org

WATCH FOR INFORMATION ON OUR TAILGATE FEST COMING IN AUGUST =

(Cut on dotted line)

N.O.A.R.S. 161 Herrmann Drive Avon Lake, OH. 44Ø12



THE NORTHERN OHIO AMATEUR RADIO SOCIETY

49

Years Serving The Amateur Radio Community U.S. Postage

Dated Material

Mailing Label