



www.noars.net

NOARS LOG

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

Northern Ohio
Amateur Radio
Society

Volume 51, Issue 6

June, 2015

June 2015

| SUN | MON | TUE | WED | THU | FRI | SAT |
|----------------------|--------------------------|-------------------------------|-----------------------------|------------------------------------|---------------|------------------------------|
| | 1 | 2 10M Net 8p NCS: W8KYZ | 3 ARN 8PM BRTN 9:30p | 4 Weekly Net 8p NCS: W8RET | 5 ARN 7PM | 6 |
| 7 Breeze-Shooters | 8 | 9 10M Net 8p NCS: NC8X | 10 ARN 8PM BRTN 9:30p | 11 Weekly Net 8p NCS: W8KYZ | 12 ARN 7PM | 13 |
| 14 | 15 Membership Meeting | 16 10M Net 8p NCS: NQ8T | 17 ARN 8PM BRTN 9:30p | 18 Weekly Net 8p NCS: KD8VTX | 19 ARN 7PM | 20 |
| 21 VE Testing ARC | 22 | 23 10M Net 8p NCS: NC8X | 24 ARN 8PM BRTN 9:30p | 25 Weekly Net 8p NCS: N8CX | 26 ARN 7PM | 27 Field Day Setup 9AM |
| 28 Field Day | 29 | 30 10M Net 8p NCS: NC8X | | | | |

The Prez Sez:

For those who missed the explanation at the meeting a lot of work went on behind the scenes to activate the Fusion repeater system - 2 machines on the air in 1 day. As you might expect there was a few parts that did not fit but with spare stuff from 4 peoples cigar boxes everything came alive. Carl was in Dayton and found pieces to smooth out the kinks - literally. We are shopping for someone who can replace a faulty cable for the uhf antenna that failed a couple years ago, this will improve the footprint there - a substitute antenna has been used but it is lower on the tower. Extend a thank you to Tim N8CX, Alex N8QL and [Jill] his lady friend who hunted for those bolts and brackets, Carl W8KRF who propelled this idea all the way from when the dual use equipment was offered from Yaesu ham radio division.

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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 March 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
 David O'Connor II KD8MXE
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: March Meeting Attendees

Members And Guests In Attendance

| | | | | |
|--------|--------|-----------|-------|-------|
| KD8TCZ | W8KRF | KA8VTS | N8PZD | N8QL |
| W8KYZ | KA8WLI | KD8VTX | N8CX | W8IMO |
| KD8WON | W8SSE | K8IC | K8HRD | W8GWD |
| W8RET | W8NNC | KF8PM | K8KIZ | NQ8T |
| W8KFJ | KY8OSU | WB8WAA | NC8X | N8LXM |
| KE8AFV | Don | Christine | | |
| | | | | |

May 2015 Meeting Minutes

- Meeting called to order by President Clark Beckman N8PZD at 7:00PM.
- Tom W8KYZ lead the Pledge of Allegiance followed by introductions of those present.
- Tom read the Treasurer's Report. It was moved and passed to accept the report.
- A motion to accept the May meeting minutes was made and passed to accept the minutes as published in the newsletter.
- Committee reports were given:
 - Education: Alex states that there are plans for a Technician Class later in the year.
 - Newsletter: W8KRF requesting input. Thanks those who do supply information.
 - Nets: Bob W8RET asks that more people participate in the 10 meter net. 2 meters nets are going well. Tom holds the record for the most check-ins.
 - Membership: 109 current members;
 - Website: W8KRF reports it is up-to-date. Report any broken links to Carl W8KRF
 - Sunshine: Nothing to report except Dee is in attendance after a few hospitalizations.
 - Repeater: Fusion repeater is in service and performing as advertised. PA to increase output power is a work in progress. Antenna work is needed on both repeater antennas. We are looking for a climber.
 - Old Business:
 - Field Day is last full weekend in June. Band assignments have been made and can be found on the website under the Field Day tab.
 - NOARSfest on July 18th. We need volunteer help. Please contact Dee or Clark if you can help out for an hour or two. We need people to cover the Flea Market area collecting ticket and flea market admissions fees and assigning spaces.
 - New Business:
 - Dave W8KFJ will present a program on Oscilloscopes at the June meeting and afterward, auction off an analog scope. The proceeds will be donated to NOARS.
- The business meeting was adjourned at/or around 7:55 PM.

NOARS NEWS

June Meeting Program

If you have never used an oscilloscope or have wanted to learn more about them, Dave W8KFJ will offer Oscilloscope 101 at our June meeting. He will be assisted by Peter KE8AFV, a new VE member. Since Dave has recently upgraded to a new digital scope, he will auction his analog scope to the highest bidder after his presentation. The proceeds from the auction will be donated to NOARS.

We will also finalize our Field Day plans.

Lorain County Skywarn

Lorain County Skywarn has reorganized and will be using the 146.625 MHz repeater for all future nets.

Continued from Page 1

OK - up to speed with Field Day plans, this is approaching just after the next meeting so make a special place for sunscreen, drink cups and several smiles as NOARS plans to activate the Lorain Metro Park on Parsons Road again as 4 Alpha, food is planned for both days to fill those smiles. We have struggled thru soggy weather but hope that stays away so everyone who visits can see a new band not running at home and get a good feel for the range offered, headphones are a must - nobody will be able to hear thru the busy band conditions unless only 1 radio is on at a time. I have been reading a couple ham radio groups on Facebook and it seems that 10 meters is really alive to Europe daily along with 20, this will keep the logging program busy this year.

Next NOARS activity is the NOARSFEST at the College, a few extra hands to help guide people along the way to tables and restrooms is always welcome, more on this at the next meeting.

73,

Clark N8PZD (for those who are keeping score)

I am looking for someone to take over the responsibilities of newsletter editor/publisher. I have been doing this job for several years now and along with my other responsibilities, find I can not be effective and do the position justice. My other responsibilities include website management and membership. I also am now maintaining the Fusion repeaters. Please contact me if you have any interest in this position. We have 109 members so there have got to be more than 5 or 6 members who can contribute to the organization! Carl W8KRF

NOARS NEWS

☺ **BTW Dept.!** ☺

Happy Birthday to the following members:

* Matt KD8YXN * Stephanie KD8TCZ * Charles KE8ACI *
* Bob W8IMO * Fred AA8S *

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!

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

May 2015

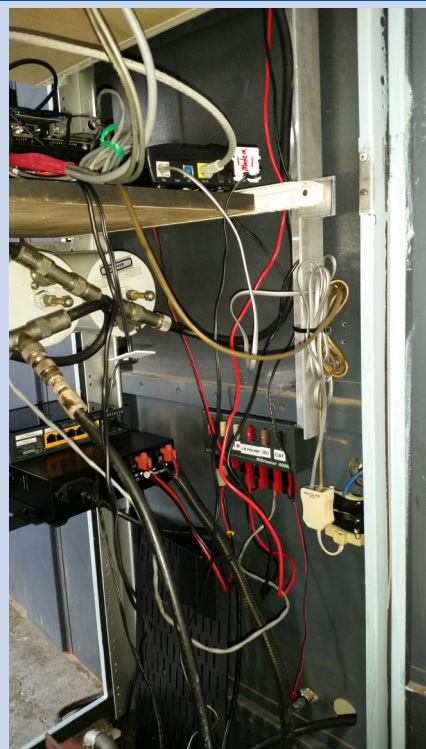
Tuesday and Thursday Nets

**AC8TX - K8AGW - K8IC - K8RWC - K8RWR - K8WRS - KA8WLI - KA8ZER -
KB8O - KC8FQV - KD2HCE - KD8AGG - KD8RSU - KD8VTX - KD8WON -
KD8ZRL - KF8PM - KK8ZZ - KY4CA - KY8OSU - N8CX - N8WS - NC8X - NQ8T -
W8BHJ - W8GWD - W8KRF - W8KYS - W8KYZ - W8RET - WA8ERA - WB8UPA -
WD8OSJ - WA8LGM**

FOR THE NEWSLETTER...

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

This is our current repeater system at the Elyria location.



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

(Call Tom W8KYZ - 440.930.9115)

COAX

RG 58U (BNC conn.)

3 ft to 8 ft

RG 58U (PL259)

1 ft to 55 ft

RG 8U

2 inch to 75 ft

RG 8U (MINI)

4ft to 30ft

RG 59U (75 ohm)

1 ft to 30 ft

RG 213/214 (N conn)

3 ft to 12 ft

RG 213 (PL-259)

3 ft to 26 ft

RG 11U (75 ohm)

3 ft to 65 ft

CRYSTALS

7010

7020

7034

7055

7075

7100

7111

7150

OTHER (FT 243)

5620

5850

6150

6850

7725

7983.3

8008.3

8150

RL Drake 3.92410kc (13)

8166

8282

8351

8449

CB crystals

MISC.

Hammerlund HQ-110C with matching speaker. (does not work) \$45.00

2 meter Nil-Jon 3 element beam (new) HD-146-V3-U 35.00

Saturn 6 Halo, MT-1 (Hi Par Products) 45.00

(cont'd from page 8) **FOR SALE -- (Tom-440.930.9115)**

Navy Transistor Test Set, TS-1100 A/U, NavShips 93277. MFR by Philo. Make offer.

Larsen 220 NLA coils, mobile ant., rain caps, (Inquire)

Larsen NLA-150 (coil only) 5.00

AEA/Vocom/MFJ BNC HT antennas 5.00

Ni-MH AA/AAA Energizer CHDC-CA battery charger 5.00

TUBES TUBES-- LET ME KNOW WHAT YOU NEED



NOARS thanks MFJ Enterprises for their support of our Winter Hamfest and NOARSfest by providing catalogs, bags, and door prizes. When considering purchases of equipment or accessories, please check out MFJ first.

<http://www.mfjenterprises.com/>

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 \$400.
With Manual

Contact Carl W8KRF 216-759-1245/216-256-9624 w8krf@w8krf.net

10 Meter AM/FM/SSB Magnum Omega Force S45 Transceiver
40W SSB/FM and 9W AM With box and manual \$180.00
Wi-Fi Internet Radio C. Crane Mfg Remote Control, box, manual Call
Contact Brian Dawson 440-654-2498

FOR SALE

50 FOOT OF ALUMINUM TOWER WITH TILT OVER BASE.

Tower is down and ready to be picked up in Elyria. \$65.00.
Call W8KYZ, Tom, 440-654-2498.

For Sale

ICOM D-STAR

| | <u>COST</u> |
|---------------------------|-------------|
| IC-2820H New | \$ 599.95 |
| IC-UT123 New | \$ 299.95 |
| IC-92AD New | \$ 519.95 |
| IC-HM175GPS Mic | \$ 349.95 |
| IC-CPI9R Cig Lighter Plug | \$ 48.95 |
| IC-LCI68 Carrying Case | \$ 29.95 |

ICOM

| | |
|-------------|------------|
| IC-7000 | \$1,199.95 |
| AT-7000 LDG | \$ 169.95 |

KENWOOD

| | |
|-----------------------|-----------|
| TM-D710A New (in box) | \$ 589.95 |
| Green Lab GPS Added | \$ 100.00 |

Contact:

Bob Tome, W8RET

(440) 365-6829

(Most of the above are new and still in box)

Call and make an offer

One NumeChron Tymeter Model 100 #67 24Hr "digital" clock in perfect working (no light, unknown yet if it has one,) and excellent physical condition. Yes, it even has its tell-tale minute "squeak." **\$55.**



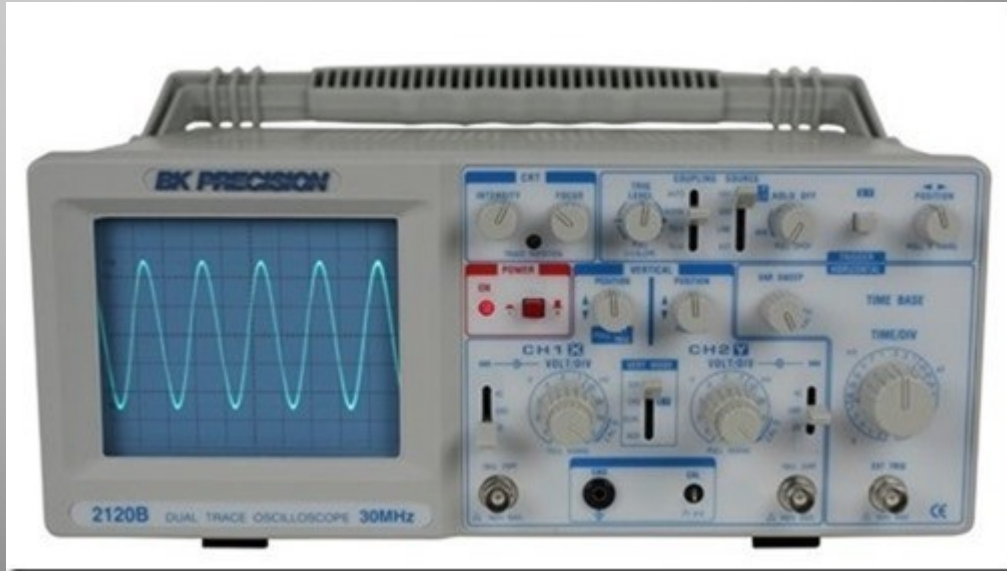
I still have a 2-fer computer sale going on. \$150 each or 2-fer \$200. DELL P4s from 2.0-2.8GHz (some HTs) 40-80GB HDs w/2GB RAM each on OEM copy of Win7ULT w/at least a 128MB single & up to 256MB w/dual-monitor video card. First come, gets the better choice of computers. Towers with power cord, KB, & a mouse only. A computer for less than the price of Windows 7 alone.

And also if you ever need any out of warranty computer repairs/services, or updates, call me first, I'm usually much cheaper than stores.

Chris - KD2HCE @ 216-759-3488, or KD2HCE@arrl.net & I can send you pictures of the clock, or the computers for sale.

For Sale

Chet Roberts (K8KIZ) is selling a 'Like New' BK 2120 oscilloscope, 2-channel, with dual 10X attenuator probes for \$250



Reference:

<http://www.cableorganizer.com/bk-precision/2120B/>

It's a great way to get into trouble shooting, signal analysis, and experimenting.

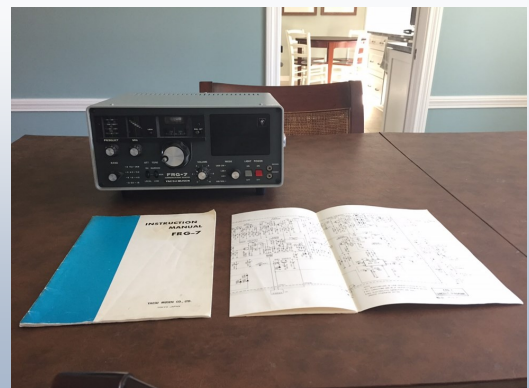
Contact Chet K8KIZ

440-933-0893

I am seeking a buyer for my one owner, non-smoking household Yaesu Musen FRG-7 communications receiver, mint condition, including original instruction manual and circuit diagram.

Contact:

Elizabeth Fink
216.233.3974
Beachwood, Ohio



61st Annual

Largest Hamfest in the Tri-State Area

BreezeShooters*THIS IS AN ARRL SANCTIONED HAMFEST***2015 HAMFEST and COMPUTER SHOW**Web Site <http://www.breezeshooters.org>Email: hamfest2015@breezeshooters.orgGeneral Hamfest Chairman: **Bob Benna N3LWP (412) 366-0488****BUTLER FARM SHOW GROUNDS Sunday June 7, 2015 * 8am to 3pm**Indoor tables on first come first serve basis. **\$20.00 per 8' table** and may be reserved by contacting Bob Benna, N3LWP (412) 366-0488 or mail to: P.O. Box 101018, Pittsburgh, PA 15237 - Table reservation **Cut-off Date May 30th****Main Prize Drawing :**

| | |
|---|--------------------------------|
| 1st Yaesu FT DX 3000 | 8th Eagle One Antenna |
| 2nd Kenwood TS-590 | 9th Heil Pro set Elite |
| 3rd Icom ID880 | 10th Signal link |
| 4th Rig Expert AA54 Digital Antenna Analyzer | 11th \$100 cash |
| 5th Elecraft W2 Watt meter kit | 12th Coaxial prep kit |
| 6th LDG-AT-100 Pro 2 Antenna Tuner | 13th 10 meter IMAX 2000 |
| 7th \$200 Cash | 14th \$50 Cash Prize |

6 Hourly prizes based on Admission tickets**Drone Drawing**

These tickets will be available at local hamfests prior to the Breezeshooters Hamfest. Check Breezeshooters.org for locations.

Winners need not be present for Main, or Drone Drawing- **Main Prize Drawing at 3:00 pm** - All prizes subject change due to availability**Icom, Yaesu, Kenwood & MFJ prizes from K JI Electronics**

Admission \$ 5.00 donation per person, (Age 12 and over)

Tailgate/Flea Market spaces available \$ 10.00 for first space \$5 for each additional space

Farm Show Grounds open at 5:00pm Saturday June 6, 2015 for Vendor and Tailgater setup

| ADVANCED TICKET SALES | | | | | | |
|---|---|------------|------------|-------------|-------------|--------------|
| Main Prizes Drawing | \$2 Each | 3 for \$5 | 7 for \$10 | 15 for \$20 | 40 for \$50 | 90 for \$100 |
| DRONE Drawing | \$5.00- ONLY 300 TICKETS SOLD | | | | | |
| ENCLOSED CHECK IN THE AMOUNT OF: \$ | Send a Self Addressed Stamped Envelope to: Advance Ticket Sales, Breezeshooters Hamfest PO Box 101018, Pittsburgh, PA 15237 | | | | | |
| Make check Payable to the Breezeshooters, Inc. Mail Deadline is May 30, 2015. Ticket Stubs returned in your SASE! | | | | | | |
| NAME: | CALL: | PHONE: () | | | | |
| ADDRESS: | | | | | | |
| CITY | STATE | ZIP | | | | |

NOARSFEST



Annual Hamfest and Computer Show

Saturday, July 18, 2015

**Lorain County Community College
Spitzer Conference Center
1005 N. Abbe Rd.
Elyria, OH**

Setup at 6:00 a.m.

Doors open at 8:00 a.m.

Air conditioned indoor vendor sales

Free Parking - Handicap Accessible - Large Outside Flea Market

ARRL APPROVED HAMFEST

Still just \$6.00 General Admission - under 12 free
6 ft. indoor vendor tables - \$10.00

PRIZES

Hourly Prizes starting at 9 AM

**Need not be present for Main Prizes but must
Be present for all other prizes.**

Mobile check-ins and directions on 146.70 (PL 110.9) NOARS repeater

For table reservation contact:

Darlene Ohman - KA8VTS (216-398-8858)

Email: noarsfest@noars.net

To find out more, go to the NOARS web site: <http://www.NOARS.net>

NOARS Field Day 2015

Please come out and enjoy the outdoors and NOARS Field Day
Bring yourself, your family, fellow hams, friends and neighbors.

! ALL ARE WELCOME !

ARRL Field Day - Saturday, June 27th and Sunday, June 28th

Location - Indian Hollow Reservation - Grafton, OH

We schedule setup for Saturday, June 27th at 9:00 A.M. (many arrive much earlier)

Band assignments - most are confirmed at this time

Our entry category will be **4A with a 'free' 6 meter VHF station.**

Dee Dee, KA8VTS, Morgan, KD8JNK and Stephanie, KD8TCZ, 75 and 10 meters SSB (1 transmitter)

Carl, W8KRF 40 meter SSB and/or Digital

???????? 20 meter SSB

Clark, N8PZD 15 meter SSB

Joe, W8SSE 6 meter SSB and/or FM free VHF station

Bonus Points (those we have and those under consideration)

- ✓ 100 points per Tx (4 transmitters) - 100% emergency power (400 points)
- ✓ 100 points - setup in a public location
- ✓ 20 points per participant - youth operators - Stephanie, KD8TCZ (20 points)
- ✓ 100 points - news media publicity - Alex, N8QL
- ✓ 100 points - public information table - Alex, N8QL
- ✓ 100 points - visit by a 'served agency' representative - Al, N8CX, Lorain County Red Cross
- 100 points - solar power contacts (5 required)
- 100 points - satellite contact (1 required)
- 100 points - copy the ARRL bulletin

Site Info

Generators: Carl, W8KRF, will bring his 5KW generator. Harold, W8HRD, will have his generator available if needed. The stations will be widely separated to reduce interference. If you are setting up a station, bring at least 100 ft. of extension cords, in as large a gauge as possible (14ga or larger) and a multi-tap outlet as well. This will ensure that you can get a connection to a generator with minimal voltage drop over a long distance.

Food

Tom, W8KYZ, will provide bottled water for participants.

Coffee will be available through out Field Day

sweetener, powdered creamer, spoons and cups will be provided

Bring your own cooler, with your preferred water, soft drinks, snacks, food, etc.

Some soft drinks and snacks may be provided as donated by members

Please remember that no alcoholic beverages or foul language are permitted in the park!

For lunch Saturday, we will have a hot dog cookout at 12 NOON,

followed by our usual 1 PM pre-contest briefing.

Al, N8CX, will provide hot dogs, potato salad and chips. Remember to bring your own beverages.

For dinner Saturday night, we will be having pizza from one of the local pizzerias.

For breakfast Sunday morning, Al, N8CX, will provide orange juice. Coffee, of course, will be available.

Food this year will be a McDonalds run, provided by NOARS.

Alternatively, Clark has suggested something that he would be able to handle. Decision to be made.

Questions or comments;

Contact Al, N8CX, Field Day Chairman, n8cx@arrl.net, Dee Dee, KA8VTS, dohman@roadrunner.com,
Carl, W8KRF, w8krf@w8krf.net or Tom, W8KYZ, tporter161@oh.rr.com

Again, many thanks for participating and we hope to see you at **NOARS Field Day 2015**



****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.