



www.noars.net

NOARS LOG

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

Northern Ohio
Amateur Radio
Society

Volume 51, Issue 9

September, 2015

September 2015

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

Editorial: (Remembering John's (WD8IQJ SK) Rant and Rave column)

RAVE: Our NOARSfest was quite a success this year financially. The turnout was better than last year but not as good as years past. We are open to ideas regarding how we can attract more attendees. Let's make our Winter Hamfest in March a success.

RANT: Membership involvement in our events and activities has not been very good this past year. The turnout of members to assist at the NOARSfest was dismal. It is the same 6-7 people who keep these events going. Let's be honest, some of those core members are burning out and just do not have the strength to do as much as they used to. The attendance at the picnic was down from past years. Submissions to the newsletter is practically nothing. Complaining is up, especially regarding the repeaters. (I listen a lot.) We will most likely have to cancel the planned Technician Class due to a lack of interest and support. Very few are supporting the raffle tickets sales. So, what is going on? Why is there so much complacency? The Board is open to suggestions and ideas to get more members involved.

Inside this issue:

Editorial	1
Mission Statement	2
Who's Who at NOARS	3
Meeting Minutes	4
NOARS News	5
For The Newsletter	6-7
For Sale/Raffle	8-11
Cleveland Hamfest	12
Findlay Hamfest	13
Peoria Superfest	14
ARRL Membership	15



Northern Ohio Amateur Radio Society K8KRG



161 Herrmann Drive, Avon Lake OH 44012
E-mail: noars(at)noars(dot)net

Award Winning Newsletter of:
The Northern Ohio Amateur Radio Society

Follow us on Facebook



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: Carl Rimmer W8KRF
 Clark Beckman N8PZD
 Bill Isenberg N8IC
 Tim Allen NC8X
 Tom Porter W8KYZ
Parliamentarian: Robert Tome W8RET

Roll Call: August Picnic Attendees

37 Members And Guests In Attendance

W8KRF	KA8VTS	Christine	KC8ATR	W8KYS
K8RWR	KE7CJI	NQ8T	N8OFS	KA8WLI/Pat
K8JGR/Kevin	N8WS	WD8ASV	Brian	N8CX/Barb
KD8VIQ	W8KFJ	NC8X	W8GWD/Audrey	W8IMO
W8KYZ/Pat	K8KIZ/Audrey	W8RET	W1AFC/IvaDane	KD8TCZ
N8PZD	K8IC	KY8OSU	WB8UPA	KD8WON

2015 NOARS Picnic Monday, August 17, 2015

(more photos on website Photo Gallery)

A special Thanks! to Sandy W8KYS for his musical entertainment, to Clark N8PZD and Pat Porter for working the grills, and to Mary KE7CJI and Steve NQ8T for providing and preparing the sweet corn.



NOARS NEWS

☺ **BTW Dept.!** ☺

Happy Birthday to the following members:

*WD8NZR Neal * KB8WUA Leon * W8KFJ David * N8AHS Fred * N8PZD Clark *
 KE8BJP MaryAnn * KD8MUF John * KD8GXL Keith * KD8BBI William * KD8OCW Jim *
 KA8VTV John * K8KIZ Chet * N8HMY Simon *

Ed. Note: If your birthday is this month and your name 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

August 2015

Tuesday and Thursday Nets

**K8AGW - K8IC - K8RTR - K8RWC - K8RWR - K8SVT - KA8WLI - KA8WQL -
 KB8O - KB8VTB - KC8FQV - KC8VKA - KC9ZAR - KD2HCE - KD8MUF - KD8NGE
 - KD8PHL - KD8TNF - KD8VTX - KD8WON - KD8ZRL - KF8PM - KG5AWM -
 KY4CA - KY8OSU - N5TCM - N8CX - N8LEO - N8PZD - N8WS - NC8OS - NC8X -
 NQ8T - W1AFC - W8BHJ - W8GTS - W8GWD - W8KRF - W8KYS - W8KYZ -
 W8RET - WA8ERA - WB8UPA - WD8OSJ - WZ8J**

2 free tickets...

Tom, W8KYZ, has two free tickets to the Peoria Superfest (see page 14).

Contact Tom if you are interested.

FOR THE NEWSLETTER...

Items submitted which might be of interest to our readers.

A Message From the Developers of Ham Radio Deluxe regarding the YAESU 857/897/817.

Yaesu has advised us to remove some of the controls from the 857/897/817 which were NOT directly supported by the firmware CAT command set.

We HAD to do this as the V5 and previous developers had added some of their own code that wrote directly to the flash ram on the rig, this has been causing the flash ram chips to fail, and Yaesu can no longer get replacement chips. So we have HAD to remove this kludge code and can only use the official CAT commands now.

We have taken this action to prevent damage to users radios. We would be negligent if we failed to take this action.

We strongly advise that you do not run any version prior to 6.3.0.410 otherwise you are risking destruction of the memory device, this will stop your radio from functioning.

You are free to discuss this with Chris Wilson at Yaesu USA.

Here is a list of the only cat commands that we are allowed to use can be found in the manuals for those radios.

Submitted by Tim NC8X

LAPAN-A2 launch

An Indonesian satellite **LAPAN-A2/ORARI** carrying an FM transponder and an APRS digipeater is planned to launch September 28 on India's PSLV-C30 rocket

The satellite will be deployed in a 650 km near equatorial orbit with an inclination of between 6 and 8 degrees enabling it to cross the territory of Indonesia 14 times a day. The low inclination orbit means it will not be receivable in the UK.

The IARU has coordinated these frequencies for LAPAN-A2/ORARI:

- 437.425 MHz telemetry beacon
- 435.880 MHz FM uplink
- 145.880 MHz FM downlink
- 145.825 APRS digipeater

FOR THE NEWSLETTER...

Items submitted which might be of interest to our readers.

FCC considering proposal to lock down computing devices (routers, PCs, phones, SDRs) to prevent modification

The website LibrePlanet.org reports:

Right now, the FCC is considering a proposal to require manufacturers to lock down computing devices (routers, PCs, phones) to prevent modification if they have a "modular wireless radio"[1][2] or a device with an "electronic label"[3]. The rules would likely:

Restrict installation of alternative operating systems on your PC, like GNU/Linux, OpenBSD, FreeBSD, etc.

Prevent research into advanced wireless technologies, like mesh networking and bufferbloat fixes

Ban installation of custom firmware on your Android phone

Discourage the development of alternative free and open source WiFi firmware, like OpenWrt

Infringe upon the ability of amateur radio operators to create high powered mesh networks to assist emergency personnel in a disaster.

Prevent resellers from installing firmware on routers, such as for retail WiFi hotspots or VPNs, without agreeing to any condition a manufacturer so chooses.

Take Action Now!

The FCC is asking for comments on this proposal. The most important thing you can do is comment on the FCC's proposal and tell them you want to be able to control your computing devices. Will you do this?

Comment deadline extended to October 9.

Read the full article here: -<https://libreplanet.org/>

See also <https://www.fcc.gov/encyclopedia/rules-regulations-title-47>

<https://www.federalregister.gov/articles/2015/08/06/2015-18402/equipment-authorization-and-electronic-labeling-for-wireless-devices>

--

Submitted by: NC8X / Tim

WebSite: <http://www.nc8x.com>

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)

ANTENNAS

6 METER HALO MT-1 (HI-PAR)	\$40.00
2 METER 3 ELEMENT YAGI (NIL-JOHN)	\$30.00
(2) CB MOBILE ANTENNAS	\$10.00 EA
COMET 2/440 HT ANT. (CH-720C) NEW	\$15.00
LARSEN NLA 440 COIL AND ANTENNA	\$ 5.00
" " 220 " " "	\$ 2.00
" " 146 " " "	\$ 5.00
" RAIN CAPS FOR MOBILE ANT.	FREE
" NLA-220 MOBILE COILS (NEW)	\$ 3.00
" LM 150 " " "	\$ 5.00
HT (telescoping) antennas (aea/vocom)	\$ 3.00

=====

FREE TUBES ---- CALL

=====

METERS --- CALL--- ALMOST FREE

SIMPSON -TRIPOLET-HICKOCK-WESTON-U.S.N.-WESTINGHOUSE
McCLINTOCK-YOKOGAWA-HEATHKIT (VU METER)

=====

440 COMMERCIAL MOBILE RADIO/ACCESSORIES (20 YEARS OLD)

MOTOROLA MAXAR
" " 50
" RADIUS
" HT

ENERGIZER AA/AAA BATTERY CHARGER	\$5.00
PRO TECH 701 AC/DC NICAD CHARGER	5.00
OFFICIAL ARRL FIELD DAY PINS	1.00

=====

DIPOLE COAX

65' belden 9913 (rg-8)
70' belden 8214
60' R & L rg-8u
75' rg-8u
62' rg - 8u
69' rg - 8u
50' rg - 8u
RG - 58A/U 25' (2 ROLL'S)...NEW
RG - 59U 48'
RG - 59U SPOOL....NEW



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 \$375.

With Original box and Manual

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.



As mentioned on the 8/27/2015 NOARS 2M Net, I just came across a deal on TEN (10) SATA, not IDE, these have finger thick data cables, Lightscribe DVD Dual-Layer Burners. I'm selling for \$10 each. Upgrade your existing CD-RW or DVD burner to Lightscribe capabilities which lets you "write" with the laser on the label side on special CD & DVD disks without using any labels or ink. NOTE: I'll be in NY until 9/17 (on Echolink) so plan accordingly\$10/ea.



Chris - KD2HCE @ 216-759-3488, or KD2HCE@arrl.net

FOR SALE

Kenwood TM-D710G \$450



Specifications

Covers 144-148 and 430-450 MHz transmit with 118-524 MHz (Band A)
 136-524 MHz and 800-1300 MHz (Band B) less cellular receive
 Dual receive, even on same amateur band
 NOAA weather alert
 1000 memory channels
 50/10/5W output on both VHF and UHF
 Kenwood's memory control software is compatible with the ARRL TravelPlus® CD.

APRS

Model name indication
 Decay Algorithm : Send beacon on movement once the initial interval has been past. (Same as TH-D72)
 Message Auto Reply : Apply new beep tone solely for auto reply.(Same as TH-D72)
 Two point distance : Show more precise distance info. Show distance per 10 meter when distance is below 1 kilo meter. (Same as TH-D72)

General

Internal GPS on/off

Add waypoint
 Waypoint List
 Adding "GPS" on menu (Same as TH-D72)

GPS menu

PC output : selectable from 2.5 stereo GPS interface or mini DIN9 pin
 Datum : Selectable from WGS-84(US) or TOKYO (Same as TH-D72)
 Sentence : on/off per item (\$GPGGA,\$GPRMC,\$GPGSV,\$GPGSA,\$GPGLL, \$GPVTG,\$GPZDA) (Same as TH-D72)
 SBAS : on/off (Same as TH-D72)
 Log : Record Method, Interval, Distance, Clear All Data, Wrap when full (Same as TH-D72)
 Target Point : Channel No, Name, Latitude, Longitude are all editable (Same as TH-D72)

New LCD indications / menu / windows

Internal GPS
 Satellite info (Same as TH-D72)
 Waypoint edit menu (Same as TH-D72)
 Target point indication (Same as TH-D72)
 Waypoint list (Same as TH-D72)

Other Features

RTC auto realignment : realignment will be done by using internal GPS (Same as TH-D72)
 Pinning : GPS position will be pinned under 0.5knot so as to avoid scattered position/movement info. (Same as TH-D72)

Special features

Internal clock for APRS® (Automatic Packet/position Reporting System) time and date stamp
 APRS functions: Sort; Filter, QSY; Decay algorithm; Proportional pathing; Speed and altitude beaconing, Weather beaconing with Davis® weather stations; Voice alert.
 EchoLink® ready with ten dedicated channels
 Built-in sound card interface; NMEA 0183 GPS I/O port.
 Compatible with Kenwood's Skycommand System II+ when used with the TS-2000 series.

General Features:

- High RF Power Output (50W)
- 1,000 Multifunction Memory Channels
- Dual Receive on Same Band (VxV, UxU)
- EchoLink® MEMORY (Automatic Dialer)
- EchoLink® Sysop Mode For Node Terminal Operation
- Multiple Scan
- Invertible Front Panel
- Choice of 2 Backlight Colors (AMBER/GREEN) For The LCD Panel
- 104-Code Digital Code Squelch
- "FIVE-IN-ONE" Programmable Memory

Includes original box and manual

Contact: Carl W8KRF
216-256-9624
w8krf(at)w8krf(dot)net

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-CP19R Cig Lighter Plug	\$ 48.95
IC-LC168 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)

The prices are retail so call and make an offer

NOARS Fundraiser Raffle

Raffle tickets for a Yaesu FTM-100DR C4FM FDMA/FM 144/430 MHz Dual Band Transceiver (\$400 value) are available for a \$5.00 donation. This is your chance to join in on Yaesu System Fusion™. Tickets are available now. Contact Carl W8KRF to reserve one or more tickets. The drawing will occur at the first membership meeting after 100 tickets have been sold. Winner need not be present.



A word about the raffle tickets. We are selling them as a fund raiser to help with the costs of updating and operating our three repeaters, as well as, covering the cost of our "free" coffee and donuts at our meetings, and the groceries and other supplies we have to purchase for our picnic. I get comments like: "I don't need another radio" or "I don't need a digital radio." We ask that you not look at it that way, but rather as a way of supporting NOARS. If you should win, you could trade. sell. or give the radio away.

The 40th Annual 2015 Cleveland Hamfest and Computer Show

September 27th, 2015
8:00am to 2:00pm

at the Cuyahoga County Fairgrounds in Berea, OH

Admission \$6 per person

Flea Market \$6 per space, available first-come, first-served the morning of the hamfest

Talk-in on 146.73/R minus offset, PL 110.9 or 444.900/R positive offset, PL 131.8

DXCC Card Checking by ARRL. WAS & VUCC Card Checking by West Park Radiops

Ohio ARES Tenth District Go Box Contest

For more information visit www.ohioares10.org

Don't forget about the ARES Forum

Findlay Hamfest

Sunday Sept. 13, 2015

at the Hancock County Fairgrounds

Admission - \$7

Flea Market Space - \$5

Inside Table - \$20 \$15 for the 2nd or more

Reservations inside space only:

FRC Tables

PO Box 587

Findlay, OH 45839

419-423-3402 and leave a message



PEORIA SUPERFEST September 18-20, 2015



Exposition Gardens 1601 W. Northmoor Rd. Peoria IL
Amateur Radio and Accessories / Electronics Show - Saturday & Sunday

In 2014, the Peoria Superfest awarded approximately \$5500 in prizes
Prizes for 2015 include Yaesu FTDX-1200, 11 Yaesu FT-252 HT's, Kenwood TM-D710GA
Rohn Tower has donated a 30' 25G tower and accessories, a Rohn Tower Rohn-jack,
...and much, much more!!!! Largest Hamfest in Illinois and surrounding states!!!!
Keynote Speaker will be Bob Bruninga developer of APRS®

Yaesu will have a booth with some of their products, Chris Wilson will be here also to discuss Fusion technology

New Superfest Vendor: Remote Control of Warren, Michigan!! They will have a complete line of RC products, Cars, Trucks, Boats, Copters and Quad-Copters!!!

Hours

Friday: Set-up Day: 1 PM-8 PM

Saturday: Flea Market: 6 AM – Dusk, Indoor vendors: 8 AM - 4 PM

Sunday: Flea Market: 6 AM - 1 PM, Indoor Vendors : 8 AM - 1 PM

Great Hourly Prizes

Sat & Sun, starting 9 AM, Unclaimed hourly prizes redrawn Sunday, after GRAND prize drawing at 1 PM. (Grand Prize Ticket Holder need not be present)

Tickets Good All Weekend!

Advance Tickets \$7.00 (2 stubs) Gate Tickets \$10.00 (1 stub), 12 and Under Free!

Outdoor Flea Market Spaces

Still \$5.00/space (Approximately 20'x20') (Renewals due by July 1 to Ensure Same Space) **Flea Market Spaces always available at the gate.**

New this year!!! The Peoria Superfest Committee is offering a limited number indoor covered Flea Market Spaces in the pole building adjacent to the Youth Building. We will have a limited number of 10' X 10' spaces under roof. Each 10' X 10' space will rent for \$20 for the weekend. You must reserve these spaces by **September 1, 2015. Contact W9UVI@arrl.net to reserve your space. Actual space assignments will not be made until you arrive on site.**

Order Flea Market Spaces/Advance Tickets On-Line

with PayPal® (or with MasterCard, VISA or Discover)
 go to <http://www.w9uvi.org>

Indoor Commercial Vendors

See website or write: Commercial Exhibits,
 PAARC, P.O. Box 3508, Peoria, IL 61612-3508
 Or, e-mail w9uvi@arrl.net, Info Line: 309-692-3378

Saturday - Forums (Check www.w9uvi.org for schedule), Saturday - FCC Testing, 11:30 A.M. – 1 PM
Sunday - High Altitude Balloon Launch. Go-Kit and Mobile VHF/UHF/HF Installation Competition

Advance tickets are also available at: Stewart Radio (905 E. Washington St, East Peoria), East Peoria Jewelry/Trade (213 East Washington St.), Electronics Diversified (100 Walnut St., Peoria) Moyer Electronics, Groveland and Rex Camera, (4923 N Sheridan Rd, Peoria)

Talk-in 147.075 (+) 156.7 CTCSS (Back Up Repeater 146.850 (-) 103.5 tone)

Running of personal recreation conveyances (examples are, but not limited to mopeds, go-carts, motorized bicycles, ATV 3 and 4 wheelers) powered by internal combustion engines will not be allowed on Exposition Gardens property during Superfest 2015

Orders for Advance Tickets and Flea Market should contain a #10 SASE and must be received by Sept. 1, 2015

Name _____	QTY:	Item	Each:	Total Cost
Address _____	_____	Superfest Advance Tickets	\$7.00	\$ _____
		(\$10.00 at the Gate)		
City, State, ZIP: _____	_____	Outdoor Flea Market Space	\$5.00	\$ _____
		(1 Vehicle, Approx. 20'x 20')		

Make checks payable to Peoria Superfest or order online at www.w9uvi.org TOTAL \$ _____
Mail to Peoria Superfest PO Box 3508 Peoria IL 61612-3508



****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.