

NOARS Log



April 2025

K8KRG

Volume 61, Issue 4

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Prez Sez

Winter Hamfest is in the books and was a success. Thanks to everyone who helped make the hamfest the success it was this year; it is greatly appreciated. Thanks go to those who donated the door prizes: Dr, Jack, of COMPACtenna <https://compactenna.com/> and an anonymous individual who donated two 2 HT's. Thanks to those who helped, in no particular order: Eric, KE8VZA; Ann, KA8ZEP; Jeany, KC3QND, Dan, W8AJF; Chuck, K8CVM; Lonny, KF8DCD; Elaine, KF8DDH; Elaine, KC8FOS; Janeen; Stephen, N8WB; and Bill, K2WJS. Of

course, thank you to anyone I forgot. I might need to do a volunteer sheet for the next one. The club also had a \$100 anonymous donation in the name of Clark, N8PZD SK. The weather was decent compared to previous years, attendance was better than expected and vendor tables were filled. It also looked like things were being sold, as every time I looked someone was carrying something out the door.

From the shack side, I made a contact with the aeronautical mobile event put on by the BlowTorch of Parma. Along

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The Membership Meeting will be Monday, April 21 at 7:00 PM.

North Olmsted Library, 27403 Lorain Rd.

Andrew KE8WMS will present Skywarn.

NOARS Meeting via Zoom

Nets

NOARS nets are Tuesday nights at 8 PM on 28.370 MHz, Wednesday nights at 7 PM on 146.700 MHz, PL 110.9, and Thursday nights at 8 PM on 146.700 MHz, PL 110.9. All licensed amateurs are welcome. Participation is encouraged and appreciated.

Meeting ID: 876 2307 2315

Passcode: 218252



with that, I received ADSB data RF on my SDR for the

The screenshot shows the SDR software interface with the following ADS-B data table:

ICAO ID	Callign	ATC Callign	Aircraft	Airline	Country	GS (kt)	AS (kt)	Mach	Alt (ft)	VR (ft/m)	Set Hgt (°)	Ht (°)	R (°)	off (°)	D (km)	AltEI (°)	Cal	Status	Squawk	Reg	Registered	Amufecture	Owner	Operat
a89e84	N6544K		172P	Kingler John A	USA	91			3575	64		70			38.9	1301	Light			N6544K		Cesana	Kingler John A	
a8aaaf	FF13735	FRONTIER FLIGHT		FRONTIER	USA	265			4000	8875	-1472	2			31.8	1325	Large	No emergency	2135					
a34aa	DAL2535	DELTA	A320-212	DELTA	USA	359			8000	24575	-896	0			32.0	21513	Large	No emergency	2172	N254NW		Airbus Industrie	Delta Air Lines Inc	DAL
a5cf1b	UAL478	UNITED		UNITED	USA	368			36000	36000	0	288	279		29.0	11122	Large	No emergency	3006					
abb94f	SWW569	SOUTHWEST	737-800	Southwest	USA	531			37000	37000	0	66	73		26.9	16625	Large	No emergency	1731	N8545V		Boeing	Southwest Airlines Co	SWA
a05410	DAL551	DELTA	BD 500-1A10	Bank Of Utah Trustee	USA	556			37000	37000	-64	101	96		25.6	35526	Large	No emergency	3545	N120DU		Airbus Canada LI	Bank Of Utah Trustee	
a31a77	UAL649	UNITED	787-9	UNITED	USA	572			39000	39000	0	101	97		61.1	3111	Heavy			N29865		Boeing	Wilmington Trust Co Trustee	UAL
a65484	LXJ507	FLEXJET	BD 100-1A10	Bombardier Aerospace	USA	551			45000	44975	64	85	82		32.4	4025	Small	No emergency	6766	N507FX		Bombardier Inc	Bombardier Aerospace Corp	

Below the table is a map showing the flight paths of these aircraft over a geographical area.

I used a program called SDRAngel with the ADSB provided plugin which worked great. When I made the contact, the plane was heading east away from me and was a little over 30 miles away. I had to keep increasing my power but finally made it.

contest. I would say that conditions, at least for me, were in the middle. I didn't spend a lot of time on it but worked when I could, and had some fun.

73'

I also made contacts during the ARRL International DX

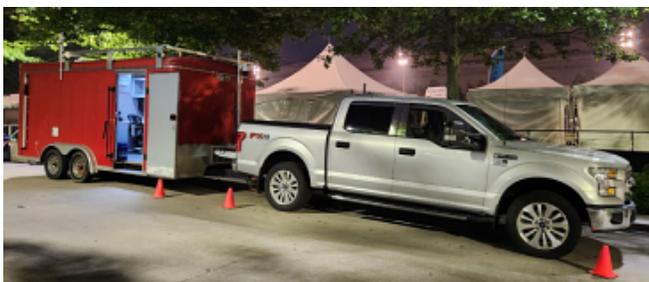
John, W8LYO

Cuyahoga County Amateur Radio Emergency Service in the News!

Chuck Mehoznek, K8CVM, Emergency Coordinator for Cuyahoga County ARES, was interviewed for a Spectrum News 1 broadcast and article. Jenna Jordan of Spectrum News 1 interviewed Chuck and did a ride-along for a

piece entitled "Volunteers dialed into emergency readiness", published and broadcast on March 23. Copy and paste the link in your browser to see the video and read the article.

"Volunteers Dialed into Emergency Readiness." Spectrum News, www.spectrumnews1.com/oh/columbus/news/2025/03/22/ohio-severe-weather-storms-emergency. Accessed 30 Mar. 2025.



April 2025 Social Events

Tuesday Lunch will be on **April 1 at noon** at **Golden Corral in Elyria, 1519 West River Rd.** All are welcome!

Weekend Lunch will be on **Saturday April 12 at noon** at a location to be disclosed some time in the future. All are welcome!

Fox Hunt will be **Saturday, April 19 at 11** at South Central Park in North Ridgeville.

Save the Date!

The Spring NOARS Parks On The Air Party!

Saturday, May 31, 2025 @10am!

Come help activate Tinker's Creek Liberty Park or just hang out!

Location: Tinker's Creek Liberty Park

10303 Aurora Hudson Road

Streetsboro, OH 44241

This NOARS' park activation is one of multiple parks being activated by ham clubs in northeast Ohio. We may have some P2P contacts. Awesome!

New Members

Jim Petroski, W8NRX, of Parma; Marc Flanagan, KC8SIE, of Lakewood; Robert Super, AC7IT, of Grafton;

Ron Stoller, KB8LNL, of Orrville. Welcome! We are glad to have you with us.

Sandy Whitney, W8KYS, SK

Sandy passed away March 28 at the age of 95. Sandy was a longtime NOARS member and a regular on the local repeaters, almost every day. Sandy talked about many

topics, including music (bluegrass), things he was reading, building his house and many more.

April Birthdays

Allen Higgins, KE8KZO

Bryan Waltz, W8JMI

Dan Stauffer, K8KGX

David Bodman, KF8DBY

David Semanik, K8WRS

Eric Pfuhl, KF8BED

Stephen Millar, KF8ANT

Tom Miller, W1PD

If your birthday doesn't appear here it's a good chance that it's not in our database. Please contact Carl, W8KRF so we can wish you a Happy Birthday!



March 17, 2025 Membership Meeting Attendance

In Person

Andrew, KE8WMS

Ann, KA8ZEP

Bill, KE8WHP

Bill, K2WJS

Bob, W8OOT

Bob, AC7IT

Carl, W8KRF

Connie, K8CCS

Dan, W8AJF

Ed, KA0MRD

Elaine, KC8FOS

Eric, KE8VZA

Fred, KF8ATX

Jim, W8NRX

John, W8LYO

John, N8MSU

John, KF8BES

Mark, KC8FLY

Michael, KF8BNF

Paul, KE8WHG

Tom, W1PD

Tom, W8KYZ

Tom, N8FDY

VIA Zoom

Bill, N8JET

Chet, K8KIZ

Chuck, K8CVM

Dennis, KE8OQA

Jeany, KC3QND

Jim, KD8OCW

Mark, KC8FQV

Scott, KE8VOX

Will, KE8WHM

Heard on the Nets in March

Ann, KA8ZEP

Bill, N8JET

Bill, N8LXY

Bill, K2WJS

Bill, N8WS

Bob, W8OOT

Bryan, W8JMI

Carl, W8KRF

Carl, W2WRX

Chris, KF8DOL

Chris, KE8MMY

Chuck, W8CGC

Chuckm, K8CVM

Dan, K8AGW

Dan, W8AJF

Denis, N8PDF

Elaine, KC8FOS

Eric, KE8VZA

Fred, N8AHS

Gary, N8VFW

Gordon, AI8Y

Janice, W8MTR

Jeany, KC3QND

Jim, KD8OCW

Jody, KE8GKO

John, KF8BES

John, W8LYO

John, W8VBT

John, N7VKH

Josh, KE8YUG

Linn, KD8NGE

Marie, KF8ANS

Mark, WB4AIZ

Mark, KC8FLY

Mark, KC8FQV

Mike, KF8BNF

Mike, W8NIN

Nick, KD8SLG

Paul, KE8WHG

Pete, KE8NQK

Rich, KE8YUP

Ryan, AD2Q

Scott, KE8VOX

Stephen, WB3JVK

Tom, W8KYZ

Tom, N8FDY

Tony, KB8TK

April, 2025

Sunday Monday Tuesday Wednesday Thursday Friday Saturday

		1 NOARS Lunch at Noon 10M Net 8 PM W8LYO	2 Food Group 7PM 2M KC3QND	3 2M Net 8 PM KE8VZA	4	5
6	7	8 10M Net 8 PM W8KYZ	9 Food Group 7PM 2M K8AGW	10 2M Net 8 PM W8KYZ	11	12 Weekend Lunch 12:00 Location TBA
13	14	15 10M Net 8 PM KC8FOS	16 Food Group 7PM 2M KC8FOS	17 2M Net 8 PM W8LYO	18	19 Fox Hunt 11:00 South Central Park
20	21 NOARS Meeting 7 PM Program Skywarn	22 10M Net 8 PM W8AJF	23 Food Group 7PM 2M KC8QND	24 2M Net 8 PM KE8VZA	25	26
27	28	29 10M Net 8 PM KE8NQK	30 Food Group 7PM 2M KC8FOS			

NOARS Winter Hamfest, by the Numbers

Attendance was 201, more than in recent years, as was evidenced by the large numbers of folks surveying the tables of items for sale and greeting each other. 61 vendor tables were registered, including 40 paid and 21 complimentary. \$97.00 was collected from the Self-Serve

Table, always a popular place to look for hidden treasures. There were \$111 in donations, including a generous one honoring Clark, N8PZD, who passed away in June last year. There were 5 membership renewals and 1 new membership.

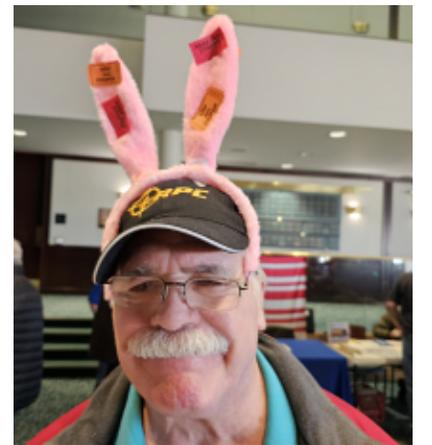
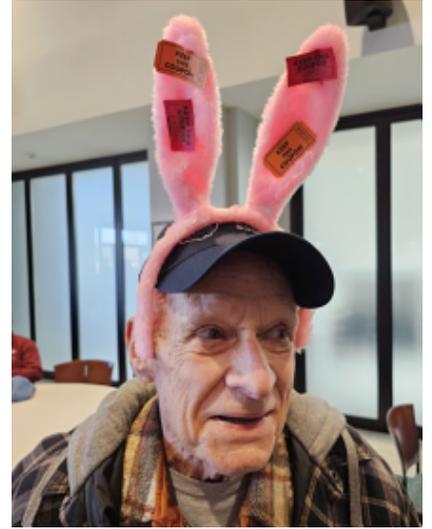




Bunnies at Hamfest?

Yes! Miss Jeany, KC3QND, in her usual fun-filled way, and in honor of Easter, wore bunny ears while selling 50/50 tickets at the Hamfest. She took photos of happy

folks who sported her bunny ears in honor of the occasion.



Meet Paul, KE8WHG

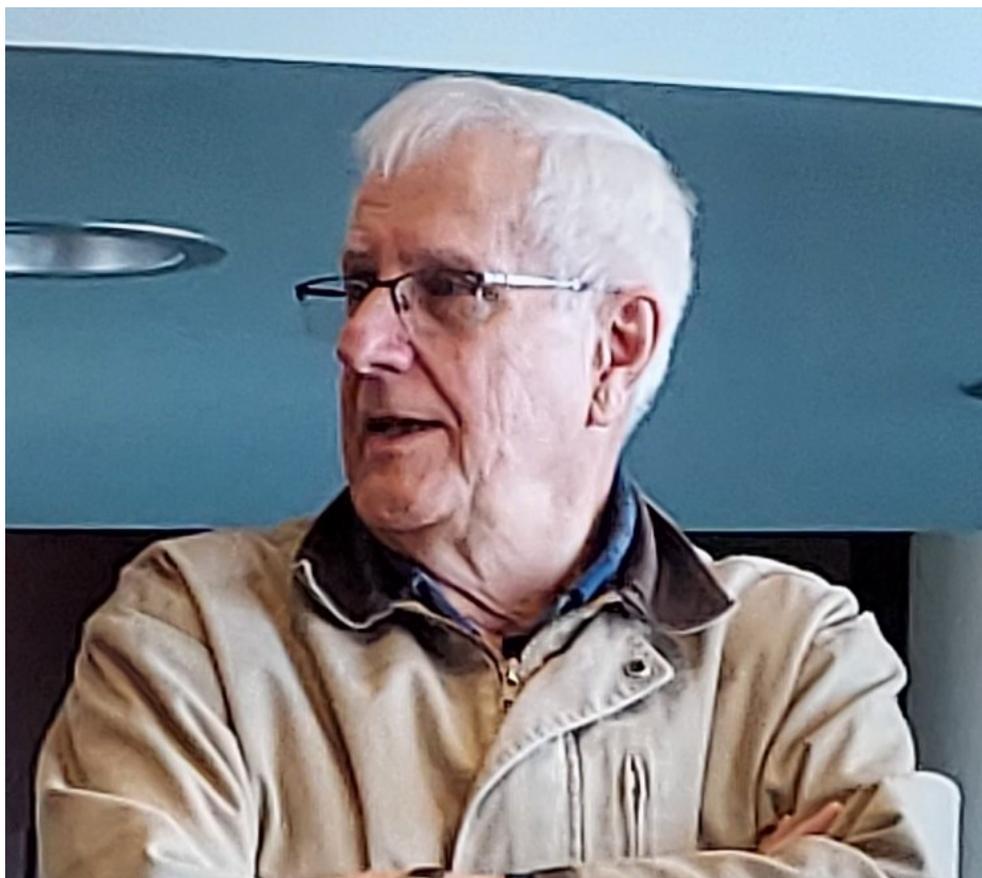
Well, my journey into ham radio was a long time coming. I first got interested when I built a crystal radio - you know, the one you clamped to your metal bed frame and listened to AM radio with an earpiece. Then, one Christmas I got a pair of walkie-talkies. I had loads of fun with my buddy who lived two streets away. But then I got to the age when I got hooked on fumes: gasoline and perfume. LOL!

It wasn't until after the death of my father, when my brother and I were cleaning out my parent's house, that I

came across my father's almost-mint National Radio. He must have bought it in 1937 when there was only AM. I have a ham friend in South Carolina who encouraged me to test for my Tech license. So, now at NOARS, you are stuck with me. My first contact was with Tom Porter, W8KYZ. Tom has been a great help to me.

I worked for Eastman Kodak for 45 years. My last position was training/document archiving.

73' Paul KE8WHG



First Contact Award Presented to Mark, KC8FLY at the NOARS March Meeting

By Tom, W8KYZ

Recently I was NCS on the NOARS 10 meter net and Mark, KC8FLY, of Avon Lake checked in. At the March NOARS meeting I surprised Mark with a First Contact Certificate.

Most of us remember our first contact, be it on AM or CW. I remember my first contact in 1952 at 5 wpm CW, as a Novice on 80 meters with WN8HPP, a YL in Gallipolis, Ohio. I was in Marietta. We both were home

for lunch break from high school. I have never forgotten my first contact. The ARRL has introduced a handsome certificate that commemorates that special first on-the-air contact. It comes complete with the contact information which you provide on the form and a place for you to sign and date when presenting the award. I think this would be a wonderful surprise to send a ham when you are their first contact. If you are interested, and I hope you are, go to the ARRL website and search for awards. It's very easy - even I can do it!



Do You Do POTA?

Would you like your adventure to be in the NOARS Log? Send information about it and photos as jpegs to NOARS

Log editors Elaine at ewilkinson1951@gmail.com and Tom at thomasfwilkinson@gmail.com.

POTA Misadventure With Andrew and Will

Andrew, KE8WMS, and Will KE8WHM, hit US-1942 on March 29 for some POTA shenanigans. Expecting rain, Andrew brought his car roof HF antenna, so of course it didn't rain. This gave Andrew the opportunity to test if the park's grill could act as a ground plane. Somehow, he got four contacts.

Will, properly equipped for the task, fared about the same until his ill-charged battery died. Andrew almost came to the rescue with his X6100 he had in his bag, but then the rain started, so they packed up, disappointed that the park didn't get activated. Naturally, once all packed, the rain stopped; but coffee was calling to them, so that was that.



Dan, Mr. POTA, Activates Two Parks

Spring brings crocuses, emerging daffodils, and increased POTA activity. On a beautiful day, Dan, W8AJF activated two parks on March 14. He went first to Pickerel Creek Wildlife Area, US-9493 in Sandusky County, where he set up on the observation tower and made 24 CW contacts on 20 M.

He went next to Willard Marsh State Wildlife Area, US-8271 in Huron County, US-8271, where he made 21 CW contacts, again on 20 M. Due to buffeting winds, he packed up and headed home. It sounds like Dan had a great POTA day.





March Tuesday Lunch

Twenty-one of us gathered on a beautiful day to enjoy fellowship and good food. The April Tuesday Lunch will

be on April 2 at the Golden Corral in Elyria at noon. All are always welcome.





March Weekend Lunch

Thirteen of us enjoyed delicious Middle Eastern food, camaraderie and engaging conversation at Aladdin's

Eatery in Westlake. As always, all are welcome. We hope you can join us at the April Weekend Lunch.



NOARS Membership Meeting Minutes

March 17, 2025

Submitted by Connie, K8CCS

The meeting was held in person at North Olmsted Public Library, and via Zoom. It was called to order at 7:00 p.m. by club President John, W8LYO.

Total number of people in attendance: 32 (23 attended in person; 9 attended via Zoom).

Pledge of Allegiance.

Introductions and roll call of all in attendance.

Motion to accept the February, 2025 meeting minutes as published in the NOARS Log was made by Elaine, KC8FOS; seconded by Ann, KA8ZEP. Minutes accepted.

Treasurer – Eric, KE8VZA.

Deposits: \$1,658: Dues and Hamfest income.

Expenses: \$81: Internet and telephone service for the repeater.

Motion to accept the treasurer report was made by Dan, W8AJF; seconded by Paul, KE8WHG. Treasurer report was accepted.

Committee Reports

Parliamentary – Tom, N8FDY – Nothing for Parliamentary. Articles for the newsletter must be submitted by March 27, 2025. If you didn't sell your equipment at the Hamfest, put an ad in the newsletter.

Repeater – Carl, W8KRF – No change. We will go out to look at the repeater once the weather is warmer.

Club Property – Carl, W8KRF – No change in club property. If you are interested in taking over possession of the club property, please let Carl know.

Membership – Carl, W8KRF – We have 144 members. We have one new member, James, W8NRX. Welcome!

Social Committee – Andrew, KE8WMS – The weekend lunch last month at Aladdin's went well. The weekend lunch will be on April 5. Location TBD. We will also have our usual Tuesday lunch.

POTA – May 31 will be held at Tinkers Creek, Liberty Park.

Build an Antenna – May 17 – Build an Antenna will be held at the North Olmsted High School pavilion. An RSVP form will be circulated with a shopping list for items needed to make an antenna.

Fox Hunts will start up and will be held every other month. Stay tuned for more information on those. They will be held in different locations and start with a beginner level and go up from there.

The next Social Committee meeting will be held the 27th to discuss some other upcoming events.

Programs – Paul, KE8WHG – Eric, KE8VZA will present tonight on NetLogger. Andrew KE8WMS will present in April on Skywarn. Please put your suggestions in the suggestion box for any programs you would like to see at our meetings.

Nets – Jeany, KC3QND – Everything is good with the nets. Josh, KE8YUG is still temporarily unavailable to handle nets. Contact Jeany if you are interested in becoming a net controller. If you would like to suggest a topic for the nets, please contact Jeany.

Sunshine – Tom, W8KYZ – Sandy W8KYS is back in the hospital. A card is being circulated for everyone to sign. He just celebrated his 95th birthday.

VE Test – Elaine, KC8FOS – We had a VE exam on March 1. Nine candidates all passed; 6 Techs and 3 Extras. Thank you to John, W8LYO who ran the session. The VEs were Glenn, AF8C, Bill, N8JET, and Bob, W8OOT. Two of the Extras are here tonight; Mark, KC8FLY and John, KF8BES. Louis Pettit (Chardon) passed both General and

Continued on page 18

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Extra. Chris, KF8DOL. The new testing uses an online grading of the tests with using a camera. It cuts down on paperwork. If you are an Extra, or planning to be an Extra, and are interested in joining the VE team, contact Elaine.

Hamfest – John, W8LYO – The March Hamfest went well with a good turnout! It appears that we are the first hamfest of the year for Ohio. The cost estimate we received from LCCC was accurate. Our next hamfest is in July, which includes the outdoor flea market. We will see how we do on the July hamfest.

Field Day in June – John, W8LYO – We are coordinating with Eric of LCARA. The permit has been requested to the Metroparks.

Old Business – None.

New Business – Since Andrew, KE8WMS is now Vice President, we have filled his slot on the Board with Will, KE8WHM.

Motion to Adjourn the meeting was made by Michael, KF8BNF; seconded by Andrew, KE8WMS.

Meeting Adjourned 7:20 p.m. Presentation: Eric, KE8VZA – NetLogger.



THE BEST GEAR...RIGHT HERE!

Check out our more spacious Showroom Monday through Saturday, 9 am to 5 pm. Or place your orders and pick them up at the curb. Here's how:

- Pick-up available from 9 am – 8 pm, Monday-Saturday and 9 am – 7 pm, Sunday.
- Place your order at DXEngineering.com or by calling 1-800-777-0703. All orders must be prepaid.
- Pull into a designated curbside pickup space in front of the Summit Racing Retail Store. You will need valid ID, your order number, and the physical credit card you used or Pay Pal receipt.
- Only the person who purchased the item may pick up the order.

We look forward to seeing you!

DXEngineering@DXEngineering.com

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- Stop by and See Our Scratch & Dent and Open Box Rack
- Check Out the Latest Radios
- New Gear Added Regularly
- Fast and Friendly Service

Can't make it in?
Simply order at DXEngineering.com

For Sale by Tom, W8KYZ

Sharp power supply with instructions. Input 120V, 60 Hz, 40W. Output DC 12V, 1A. Excellent condition. \$10.00

Regency model P107 13.8V/4A regulated power supply. Used with Regency 25W 2 meter transceiver. Excellent condition. \$15.00

Superscope PSD 230 Performing Arts Portable CD player. Includes manuals. Battery or AC. \$135.00 (or best offer)

Contact Tom, tporter161@oh.rr.com or 440-320-5523.

Ad Submission Guidelines

Electronic ads may be emailed to noarslog@noars.net.
Printed ads may be sent to NOARS Log, 161 Herrmann Drive, Avon Lake, OH. 44012. The deadline for submissions is seven days before the first day of each month. All must include: asking price, sellers name, call sign and phone number. Only ads from current NOARS

members, or paid advertisers will be accepted. If your items sell, please notify the Log editors at noarslog@noars.net so the ad can be removed. All ads will be removed (unless updated) after four months. NOARS reserves the right to refuse any ads.

For Sale by Chuck, W8CGC

Radio Shack HTX-10 Mobile Transceiver. This is a 10 Meter only transceiver.

I purchased this radio about 9 months ago and made many contacts on it as a Technician Class.

I moved to an all-band radio when I took the General exam and now would like to see this radio go to someone that can get some contacts in the log. I know the club has some new Technician class members.

It includes the original microphone, mobile mount, and a 12 Volt power cable for your power supply or auto.

I am asking \$75.00 but if interested please make me an offer.

Call or Text Chuck 440-346-5491



PERFECT CB
&
PERFECT 10
by COMPACTenna



An optimized radio-antenna system is one with dedicated radios that operate on dedicated frequency bands with dedicated antennas in fixed installation. COMPACTenna has optimized performance with dedicated CB (~69") and 10-Meters (~65") models. CB Perfected with model 'PERFECT CB' - Ultimate CB Performance! Ham 10 meters Perfected with model 'PERFECT 10' - Ultimate Performance!

Novel Engineering

Quality Machining & Skillfully Hand-Crafted

Each antenna is precisely tested/tuned in THE USA.

Mount on vehicle at a sensible location appropriately.

A variety of 3/8"-24 thread sturdy mount types are available on the market.

Limit horizontally adjacent near field parasitic interaction – keep antenna substantially above nearby metal.

Always check SWR; operate only per transmitter specifications.

~69" tall - Tuning can be done by adjusting whip position in Ferrule, or trimming whip.

SWR frequency range varies with vehicle construct, and where on the vehicle the antenna is mounted.

Base Station application: This also applies to mounting the antenna on other ground plane counterpoise metal such as a house/shed/building metal roof, a metal railing, etc.

The frequency shifts about 0.1 MHz with 1/2" change in length; increase in length lowers frequency; decrease in length raises frequency.

(V)SWR: Nominal < 2:1 [Often 1.1-1.5:1]

Gain: Nominal 7(+)-dB-MEG-Mean Effective Gain in the dynamic obstructed environments of the world we live in, with COMPACTenna's 'PERFECT CB' diverse EM (ElectroMagnetic) fields – phase diversity in same and orthogonal polarizations-elliptical polarization

Maximum Power Rating: 500 Watts

Under normal use and conditions

Each Antenna is quality checked and tuned. Keep antenna and mount contacts – area clean.

Removing, re-attaching antenna repeatedly is not recommended. See www.COMPACTenna.com for further information.

[Design and specifications subject to change without notice.]



Chet Roberts

22h



How would you like a CW OP label for a coffee mug, car window, or whatever? Get 3 of these 3" durable, waterproof and dishwasher safe labels by sending \$5 WITH a self-addressed AND self-stamped envelope to: Chet Roberts K8KIZ, 173 Fredericksburg Drive, Avon Lake, OH 44012. 73!

*** Coffee Mug
Not
Included!**



NOARS Information

Members of the Board of Directors

President: John, W8LYO

Vice President: Andrew, KE8WMS

Secretary: Connie, K8CCS

Treasurer: Eric, KE8VZA

Others: Carl, W8KRF; Will, KE8WHM;
Tom, N8FDY

Others

Net Manager: Jeany, KC3QND

Club Trustee for K8KRG: John, W8LYO

NOARS Log Editors: Tom, N8FDY; Elaine, KC8FOS

Proofreaders: Andrew, KE8WMS; Ann, KA8ZEP

Volunteer Examiners: Elaine, KC8FOS; Glenn, AF8C;

Ron, N8EGZ; John, W8LYO; Dave, KD8MXE;

Bob, W8OOT; Bill, N8JET; Bill, K2WJS; Ed,

KA0MRD; Scott, KE8VOX

Committees

Parliamentary Committee: Tom, N8FDY

Repeaters: Carl, W8KRF; John, W8LYO;

Pete, KE8QNK; Bryan N8OOF

Field Day: Carl, W8KRF

Hamfest: John, W8LYO

Sunshine: Tom, W8KYZ

Membership: Carl, W8KRF

Club Property Committee: Carl, W8KRF

Programs Committee: Paul, KE8WHG Chair;

Pete, KE8NQK; Jeany KC3QND; Scott, KE8VOX

Social Committee: Andrew, KE8WMS;

Elaine, KC8FOS; Sara, KC8KSU; Eric, KE8VZA;

Will, KE8WHM; Ann, KA8ZEP

Public Relations Committee: Elaine, KC8FOS;

Michael, KF8BNF

Membership

Membership is open to anyone interested in amateur radio. Dues are: Full \$15, Associate (non-licensed) \$7, Family members of a full member \$4 each. Membership and payment are available at www.noars.net. Make checks payable to NOARS and mail them to: NOARS Membership Committee, 20246 Drake Rd., Strongsville, OH 44149.



Meetings

The third Monday of each month at the North Olmsted Library, 27403 Lorain Rd. at 7 PM. All are welcome.

Nets

NOARS nets are Tuesday nights at 8 pm on 28.370 MHz, Wednesday nights at 7 pm on 146.700 MHz, and Thursday nights at 8 pm. on 146.700 MHz. All licensed amateurs are welcome.

VE Testing

Contact Elaine, KC8FOS at ewilkinson1951@gmail.com, or call 216-337-4235 for more info or to register for a test. Walk-ins welcome.

Net Control Stations

Jeany KC3QND
Eric, KE8VZA
Tom, W8KYZ
Dan, W8AJF
Elaine, KC8FOS
John, W8LYO
Josh, KE8YUG
Dan, K8AGW