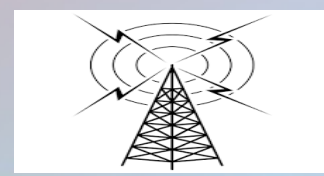


OFF THE AIR



Please visit us online at www.GrantARC.org

The GCARC is an ARRL affiliated club

“Off The Air”

is the official publication of the
Grant County Amateur Radio Club

2023 Officers

President – Mitch Miller - W9DDX
mitchmiller55@gmail.com

Vice President – Scott Oyer - K6SJO
Soyer38301@gmail.com

Secretary – L. B. Nickerson – K9NQW
k9nqw1979@gmail.com

Treasurer – Bob McFarland - AD9AW
profbob9949@gmail.com

Trustee – Kevin McNeely – KB9CRA
kb9cra@outlook.com

Newsletter Editor

L. B. Nickerson – K9NQW
k9nqw1979@gmail.com

<http://www.grantarc.net>

Member – Indiana Radio Club Council

ARRL Indiana Section Staff:

Section Manager: Jimmy Merry – KC9PRX

Assistant Section Manager and Section Traffic Manager:
Brian Jenks – W9BGJ

Section Emergency Coordinator: James Moehring - KB9WWM

Assistant SEC: Brent Walls - N9BA

Assistant SEC: Tony Stokes - N9UN

State Government Liason – Dave Spoelstra - N9KT

Public Information Coordinator – Barry Palencer – KC9WMS

Section Youth Coordinator – Andrew Murrey – N9AWM

Technical Special Coordinator – Thomas Busch – WB8WOR
<http://www.inarrl.org>

Section Jobs Description

<http://www.arrl.org/FandES/field/org/>

From the President

Hello, everyone. We have Field Day coming up, so mark it on your calendars and don't forget June 24th and June 25th. Hope to see everybody out there. We need a lot of people to participate.

Bob Jackson of EMA contacted me and said that the Marion General Hospital had a tower that they never put together. Trying to get it for the EMA building on Garthwaite Road so cross your fingers on that.

Dr. Bob McFarland – AD9AW is looking into a grant for the club! We're hoping that will come through to help on some of the expense for the tower.

Stay Radio Active

73

Thanks your Club President
Mitch Miller - W9DDX

Grant County ARC Nets

What: 2 Meter Net

When: Every Sunday Evening

Time: 2030 hrs Local Time

Freq: 146.790- (PL 141.3)

Alternate Freq: 147.195+ (PL 141.3)

What: DMR Net – Indiana Crossroads Net

When: Every Monday Night

Time: 2000 hrs Local Time

Freq: 442.750+ (Color Code 1)

What: Dstar Net – Indiana Statewide Dstar Net

When: Every Thursday Evening

Time: 2000 hrs Local Time

Freq: 443.400+ {(W9EBN) (Reflector 24b)}



The American Radio Relay League
225 Main Street, Newington, CT 06111
or phone (860)594-0200
or fax (860)594-0303



From the Editor

First of all on behalf of the Officers of the Grant County Amateur Radio Club, I want to say congratulations to Bruce Walters of Muncie for passing his Technician's License test. His callsign is KD9YFS. Again congratulations.

Field Day is going to be here sooner than you know it. This year the GCARC is going to be setting up at the Upland Hardware Store. The location is between Gas City and Upland on HWY 22. We will be setting up the canopies and antennas on Friday 06/23/23 at 5:00 PM. We will finish setting up on Saturday 06/24/23 at 10:00 am. Saturday we will be setting up the radios to make sure that they are working. Thanks to Scott Oyer – K6SJO for getting the computers set up for each station, so that we can do our logging by computers. Operation of Field Day will be from 2:00 PM Saturday to 2:00 PM Sunday. We will have a potluck style dinner around 6:00 PM. This will give the newly licensed hams an opportunity to get on the HF bands and operate. We will need operators for the late shift (11 pm till 6 am). You will need to bring your own chairs and any snacks and drinks. We will have coffee available. So mark it on your calendars for the last weekend of June. If you have any questions feel free to contact me a k9nqw1979@gmail.com. Hope to see you there.





Where: Upland Hardware
800 E 500 South
Upland, IN 46989

(Between Gas City and Upland on Hwy 22)

TIME: 2:00 PM June 24th till 2:00 PM June 25th



ARRL and FEMA Sign Agreement: Ham Radio is as Relevant as Ever

The agreement emphasizes the importance of skilled Amateur Radio Operators in times of crisis and the role of ARES leadership within the emergency communications space.

ARES (see the ARES fact sheet at, www.arrl.org/ares) is a network of trained Amateur Radio Service licensees organized across the country to provide communications and other support to served agencies, such as local governments, hospitals, and disaster response charities. More than 20,000 ARES volunteers actively participate in the ARRL program. In 2022, they provided more than 420,000 labor hours of service saving local officials \$13.4 million in personnel costs.

Each member of ARES has specialized training in emergency communications. Many have also completed training in the National Incident Management System (NIMS) in order to integrate with local officials during an emergency response.

In March 2023, FEMA released the final version of the NIMS Information and Communications Technology (ICT) Functional Guidance, which includes radio amateurs in the response ecosystem and national emergency preparedness.

"The agreement is representative of the continued commitment and cooperation between FEMA and ARRL," said ARRL Director of Emergency Management Josh Johnston, KE5MHV. "Serving our country during emergencies is an important service provided by ARES volunteers and a principal purpose of our Amateur Radio Service. Our well-equipped volunteers bring their training, use of innovative technologies, and community partnerships together to serve before and during disasters."

FEMA announced the new agreement on Twitter stating, "We recently signed a new MOA with ARRL -- establishing our partnership with licensed, voluntary amateur radio operators to support response (and) recovery efforts. We're honored to work side-by-side to meet the needs of millions in the wake of disasters."

Former FEMA Administrator and ARRL member Craig Fugate, KK4INZ, led the agency when the previous MOA with ARRL was signed in 2014. Fugate said the agreement underscores the importance of ham radio. "By incorporating amateur radio into their emergency plans, FEMA ensures that they have access to a network of trained operators who can establish and maintain communication links when traditional infrastructure fails. This collaboration between FEMA and Amateur Radio Operators allows for more robust and resilient emergency communication capabilities, ultimately contributing to effective disaster response and recovery," said Fugate.

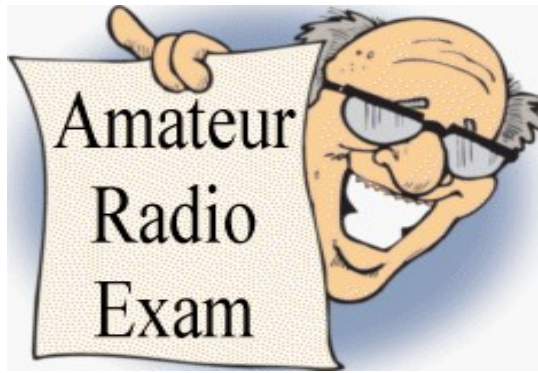
"The ARRL Board and the Emergency Communications and Field Services Committee are committed to strengthening our resourcefulness to the EmComm (emergency communications) community," said ARRL President Rick Roderick, K5UR. "Our partnership with FEMA helps further ARRL's work to better serve our volunteers, partner agencies, and the country."

June 2023

July 2023

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1 Indiana Star Weekly Net 8 PM Net Control: K9NQW	2	3
4 GCARC 2 Meter weekly Net 8:30 PM Net Control KC9RAX	5 Crossroads DMR Weekly Net 8 PM Net Control KC9OYW	6	7	8 Indiana Star Weekly Net 8 PM Net Control: K9NQW	9	10 Monthly Breakfast Meeting 8:30 AM Kammy's Cafe Monthly Siren Test 11:45 AM
11 GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	12 Crossroads DMR Weekly Net 8 PM Net Control KC9OYW	13	14 Flag Day	15 Indiana DStar Weekly Net 8 PM Net Control: KA9OPL	16	17
18 Father's Day GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	19 Juneteenth Crossroads DMR Weekly Net 8 PM Net Control K9NQW	20	21	22 Indiana DStar Weekly Net 8 PM Net Control: KA9OPL	23 Field Day Setup 5 PM Upland Hardware Store	24 Field Day Upland Hardware Store
25 Field Day Upland Hardware Store GCARC 2 Meter weekly Net 8:30 PM Net Control K9NQW	26 Crossroads DMR Weekly Net 8 PM Net Control K9NQW	27 Testing at 5:00 PM GCARC Meeting 6:30 PM	28	29 Indiana Star Weekly Net 8 PM Net Control: K9NQW	30	1



06/05/23

Sponsor: Whitley County ARC
Time: 08:00 PM (**Walk-ins Allowed**)
Contact: Roger L McEntarfer
(260) 503-9008
Email: rimcen56@gmail.com
VEC: W5YI VEC
Location: **On Line**
Virtual
Columbia City, IN 46725-8612

06/12/2023

Sponsor: Whitley County ARC
Time: 08:00 PM (**Walk-ins Allowed**)
Contact: Roger L McEntarfer
(260) 503-9008
Email: rimcen56@gmail.com
VEC: W5YI VEC
Location: **On Line**
Virtual
Columbia City, IN 46725-8612

06/19/2023

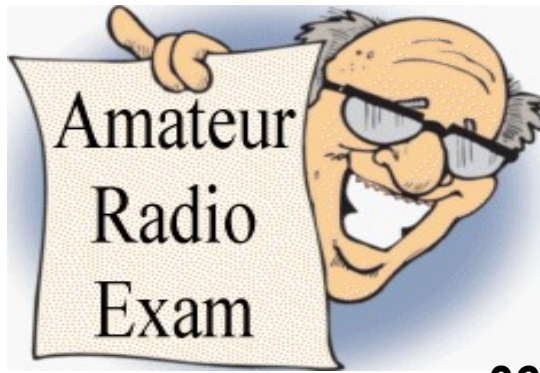
Sponsor: Whitley County ARC
Time: 8:00 PM (**Walk-ins Allowed**)
Contact: Roger L McEntarfer
(260) 503-9008
Email: rimcen56@gmail.com
VEC: W5YI VEC
Location: **On Line**
Virtual
Columbia City, IN 46725-8612

06/20/2023

Sponsor: Anderson Repeater Club
Time: 7:00 PM (**Walk-ins Allowed**)
Contact: Stephen M. Riley
(765) 425-4627
Email: wa9cwe@arrl.net
VEC: ARRL/VEC
Location: Madison County EOC
200 Delaware Street
Anderson, IN 46016-2238

Due to the Coronavirus outbreak, please verify with your VE team that the exam session is being held.





06/24/2023

Sponsor: Whitley County ARC
Time: 8:00 PM (**Walk-ins Allowed**)
Contact: Roger L. McEntarfer
(260) 503-9008
Email: rimcen55@gmail.com
VEC: W5YI VEC
Location: **On Line**
Virtual
Columbia City, IN 46725-8612

06/26/2023

Sponsor: Marshall County ARC
Time: 8:00 PM (**Walk-ins Allowed**)
Contact: Richard J. Basham
(574) 216-6080
Email: rjbasham@yahoo.com
VEC: W5YI VEC
Location: Cornerstone Church of Argos
11525 State Road 10
Argos, IN 46501-9519

06/26/2023

Sponsor: Whitley County ARC
Time: 8:00 PM (**Walk-ins Allowed**)
Contact: Roger L. McEntarfer
(260) 503-9008
Email: rimcen55@gmail.com
VEC: W5YI VEC
Location: **On Line**
Virtual
Columbia City, IN 46725-8612

06/27/2023

Sponsor: Grant County ARC
Time: 5:00 PM (**No Walk-ins / Call Ahead**)
Contact: Mitch Miller
(765) 661-5893
Email: rimcen55@gmail.com
VEC: ARRL/VEC
Location: EMA Building
3921 Garthwaite Rd
Gas City, IN 46933

Due to the Coronavirus outbreak, please verify with your VE team that the exam session is being held.





**IF \$ CAN'T BUY
HAPPINESS,
THEN EXPLAIN HAMFESTS**

FCARC Summer Hamfest

Start Date: 06/03/2023

End Date: 06/03/2023

Location: Roth Family Woodlot Park
105 Hill Ave.

Wauseon, OH 43567

Website: <https://k8bxq.org/hamfest>

Sponsor: Fulton County Amateur Radio Club

Type: ARRL Hamfest

Talk-IN: 147.195 + (PL 103.5 Hz)

Public Contact: Bryan Patterson, KB8ELG
8202 County Road 6-2

Delta, OH 43515

Phone: 419-250-6694

Email: kb8elg@hotmail.com





Contesting

g



Below is a list for contesting. This list is from the ARRL.org webpage

June 2023

International Digital Contest Date: 06-03 to 04

June VHF 06-10 to 12

Kids Day 06-17

Field Day 06-24 to 25

Rules can be found at www.arrl.org/contest

Also for other contest that are available go to the above webpage and look under Contest Corral.

OH BOY, FINALLY TAKING MY EXTRA LICENSE EXAM!

What is the effective isotropic radiated power of a repeater station with 200 watts transmitter power output, 2 dB feed line loss, 2.8 dB duplexer loss, 1.2 dB circulator loss, and 7 dBi antenna gain?

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WATTERSON 4-11





Special Event

Stations

Date	Name of Special Event	Webpage
05/31 to 06/04	1889 Johnstown Flood Anniversary	dustydes@aol.com
06/01 to 06/14	D-Day Commemoration	ww-2.us
06/02 to 06/04	U.S.C.G. Auxiliary 84 th Anniversary	
06/02 to 06/04	84 th Anniversary of the Coast Guard Auxiliary and safe boating awareness	https://www.qrz.com/db/W8C
06/02 to 06/04	Celebrating the 84 th Anniversary of the US Coast Guard Auxiliary	www.uscgaux.info/content.php?unit=113
06/02	Salvation Army Donut Day	kd0ptk@aol.com
06/02 to 06/04	Ships On The Air	johnr1000@aol.com
06/02 to 06/04	Celebrating the 84 th Anniversary of the Auxiliary and safe boating awareness	www.uscgaux.info/content.php?unot=053-18-08
06/02 to 06/04	US Coast Guard Auxiliary 84 th Anniversary	dave0644@hotmail.com
06/03 to 06/04	64 th Anniversary of Lancaster - Fairfield Amateur Radio Club	k8qik.org

More info on these Special Events Stations go to:
http://www.arrl.org/special_events/



Special Event Stations



<u>Date</u>	<u>Name of Special Event</u>	<u>Webpage</u>
06/03	Audie Murphy	dannywylam@gmail.com
06/03 to 06/04	Museum Ship Weekend	www.qrz.com/db/w5kid
06/03 to 06/04	Museum Ship Weekend Abraham Crijussen	www.marc-radio.nl
06/03 to 06/04	Museum Ships Weekend	www.qrz.com/ed/ni6iw
06/03 to 06/04	Museum Ships Weekend	tmrahamradio.org
06/03 to 06/04	Museum Ships Weekend Nuclear Ship Savannah	qrz.com/db/k3sav
06/03 to 06/04	Museum Ships Weekend USS Tennessee	https://bsfarc.org/museum-ship-weekend
06/03 to 06/04	Museum Ships Weekend 2023 NAUTILUS	www.qrz.com/db/n1s
06/03 to 06/04	Museum Ships Weekend (MSWE)	www.k7id.org





Special Event Stations



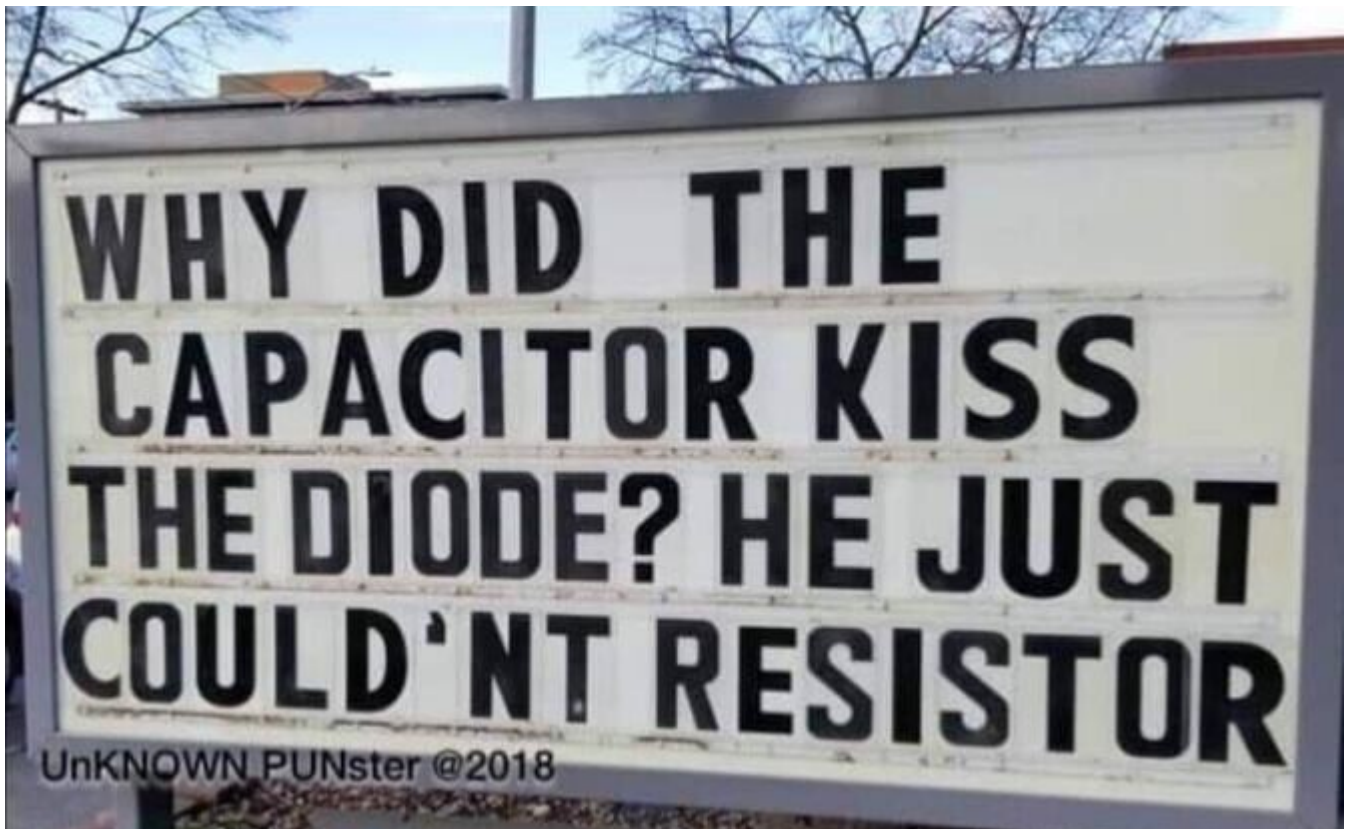
<u>Date</u>	<u>Name of Special Event</u>	<u>Webpage</u>
06/03 to 06/04	Museum Ships Weekend Event 2023	nj2bb.org
06/03 to 06/04	NB9QV USS Cobia Special Event	https://www.qrz.com/db/NB9QV
06/04 to 06/19	Lewis and Clark Trail on the Air	www.ctota.org
06/05 to 06/12	BSA Order of the Arrow Section E20 Conciave	
06/09 to 06/11	Dept. of Transportation Special Events	marzo7088@yahoo.com
06/09 to 06/10	Greater Gardner Relay for Life	www.mohawkarc.com
06/10	Appleton 72 nd Flag Day Parade	www.fcarc.club
06/17 to 06/23	Audie Murphy's birthday celebration	www.k5gvl.com/audie-murphy
06/17	Find Your Voice	www.wa6ybn.com
06/17	Kearney Nebraks Sesquicentennial	w0ky.org
06/24 to 06/30	82 nd National Speleological Society	K8C@NSSCES.ORG
06/24 to 06/25	ARRL Field Day	k4par.org



Special Event Stations



<u>Date</u>	<u>Name of Special Event</u>	<u>Webpage</u>
06/24 to 06/25	Field Day 2023	cvars.org
06/24 to 06/26	South Lyon Area ARC 50 th Anniversary / ARRL FD	slaarc.com
06/28	WWI Code Talkers Honored at Choctaw Youth Day Camp	VmOklaNanOlaARC@gmail.com
06/30	Engineers Day Sault Ste Marie Michigan Soo Locks	www.facebook.com/EUPARCLUB
06/30 to 01/01/24	Granite Mountain Hotshots Memorial Event	https://www.w7yrc.org/granite-mountain-hotshots





Grant County Amateur Radio Club

Membership Application 2023

Please complete this form and return it with your dues. Make all checks or money orders payable to **GCARC**. Send the printed form with your dues to the Treasurer at the address below. You may also return this application at one of the club's meetings. Please either mail or bring this application and dues to the next meeting.

Meetings are held on the 4th Tuesday of each month at 6:30 pm at EMA Office located at 3921 South Garthwaite Road, Gas City, IN. Directions: From Gas City: Take Main Street to 10th Street, Go North about 3 miles. Located on east side by the County Highway Dept. From Marion: Take 38th Street East to Garthwaite Road, Turn right. Go South about 2 miles. Located on east side by the County Highway Dept.

Mailing Address:

Grant County Amateur Radio Club
P O Box 1786
Marion, IN 46952

Name: _____

Call Sign: _____

Address: _____
Street Address or Post Office Box

Street Address Line 2

City: _____ State: _____ ZipCode: _____

Phone Number: (____) _____

Email: _____

Current ARRL Member? Yes _____ No _____

Dues:

- **Full Annual Membership: \$20.00 per person.**
- **Family Annual Membership: Full membership + \$5.00 per person, maximum of \$30.00 per household**
- **Associate Membership: \$10.00 per person. Limitations on Associate Membership:**
 1. No voting privileges
 2. Cannot hold Office
- **Partial-Year Membership: After July 1st dues are reduced to ½ the normal rate for Full or Associate Membership.**

Please make sure you sign the form.

Signature: _____

I agree to abide by and support the Constitution and ByLaws of the Grant County Amateur Radio Club.

NOTE: Please fill out a separate form for each family member.

Ham Radio Trader

This is a new section of the newsletter. Items on this page are for sale by hams. The following rules will apply for items to be listed on this page.

1. All items must be Amateur Radio related

Examples: Ham radio gear and computer items.

2. Ads must be submitted by the 15th of the month so that they can be put in the newsletter the following month.

Example: Items for the March newsletter must be submitted no later than February 15th

Ads must have the following information.

Item description, picture of item in jpg form, selling price, and email of seller.

You can send your ad to k9nqw@arrl.net

For Sale - Example



Icom IC-2720H Transceiver

Icom IC-2720H VHF/UHF

Transceiver: VHF-144-148 MHz

UHF-440-450 MHz

Receiver Frequency Coverage:

Left side: 118-550 MHz,

Right side: 118-174, 375-850, 910-999.99 MHz

(less Cellular)

Mode: FM, AM Memory Channels: 212

Output Power: VHF: 50W, 15W, 5W

UHF: 35W, 15W, 5W

Power output is selectable

Power Supply Requirement: 13.8V DC

Asking: \$220.00

Contact: Nick at k9nqw@yahoo.com

Amateur Radio Equipment For Sale
Mike Kasrich – AJ9C aj9c@indy.rr.com

The following equipment is up for sale. Will accept PayPal, cash, MO, or personal check. Shipping is available for additional cost. For more information on any of the listed items please email me at aj9c@indy.rr.com. Prices are listed below the pictures.



INRAD 2.1 kHz filter for R4C
Asking Price: \$75.00



Alliance HD-73 Rotor with Control Box
Asking Price: \$150.00
Shipping Extra



Remote Antenna Tuner

I purchased this to make a remote antenna tuner. There is a vacuum variable capacitor with a motor and a ribbon inductor with the motor. The unit is complete. Asking Price: \$125.00



Remote Antenna Tuner Picture 2

Note: Reasonable offers entertained. Shipping/Insurance extra Delivery within an hour or so from Marion, IN

If interested in any of the above items please email me at aj9c@indy.rr.com

Alinco DJ-580T Handheld Transceiver with drop-in charger and extra battery

The Alinco DJ-580T is a powerful 2 meter / 70 cm twinband HT with great sound. You get features galore including 40 memories, three RF power levels, full duplex and dual watch, independent VHF/UHF controls, sophisticated scanning and illuminated keypad. Transmit coverage is: 144-147.995 and 440-449.995 MHz. Receive coverage is: 130-173.995 and 400-519.995 MHz. Frequency resolution is 5, 10, 12.5, 20 and 25 kHz. High power output with the supplied EBP-20N is 2.0 watts and 1.5 watts UHF. Medium power is 1 watt and low power is 0.3 watts. High power output is 5 watts VHF and UHF. Comes with extra battery and drop-in charger.



Asking Price: **\$90.00**

Contact Nick – K9NQW at k9nqw@yahoo.com

or

grantcountyamateurradioclub@gmail.com

Amateur Radio Equipment For Sale

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386



Icom 746 HF/6M/2M

- Spectrum Scope
- 102 Memories
- RIT/XIT
- Noise Blanker
- VOX Function
- Selectable APF
- Dual Display
- 100 Watt Output
- 40 Watt Output (AM)
- Built-in Automatic Antenna Tuner 180-6 Meters
- Full Break-In CW
- CW Keyer
- 100% Duty Cycle
- Rx Antenna Jack
- DSP Notch
- 1 Hz Readout
- Memory Keyer
- RF Attenuator 6/12/18 dB

Asking Price: \$600.00

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386

Amateur Radio Equipment For Sale

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386



Icom 756 Pro 2 HF/6m

- Voice Keyer
- 101 Alphanumeric Memories
- RIT/XIT
- Noise Blanker
- [Multi-function Analog Meter](#)
- Realtime Spectrum Display
- [Twin Digital PBT](#)
- Voice Recorder
- SSB/CW Synchronous Tuning
- CW Pitch
- Clock with Timer
- Built-in Auto Antenna Tuner
- TCXO Built In
- 100 Watt Output 100% Duty Cycle
- Built in RTTY Demod
- DSP Notch
- 1 Hz Readout
- Memory Keyer
- RF Attenuator 6/12/18 dB
- Automatic Notch
- Triple Band Stack Registers
- Dual Watch

Asking Price: \$650.00

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386

Amateur Radio Equipment For Sale

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386



Kenwood TS2000 hf/6m/2m/70cm

- IF DSP Main Band
- AF DSP Sub Band
- HF by V/U, V by V
- U by U and V by U
- PCT Packet Cluster Tuning
- Transverter Frequency Display
- [IF Auto Notch](#)
- 5+1 Antenna Ports
- [Keypad](#)
- Built-in TNC (1200/9600)
- Built-in [Auto Tuner 1.9-54 MHz](#)
- Built-in keyer with 3 Memories
- [High Stability TCXO](#)
- [RC-2000](#) Optional Mobile Controller
- [Backlit Front Panel](#)
- 300 Memories (290 Alpha)
- Variable IF AGC (20 step)
- [RIT/XIT](#)

Asking Price: \$800.00

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386

Amateur Radio Equipment For Sale

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386



Yaesu FT-2400 with Wilson 5/8 Mobile Antenna

- 31 Memories
- 50/25/5 Watts Output
- [Die-cast Heat sink](#)
- Backlit DTMF Mic
- DTMF Calling
- CTCSS Built In
- Call Channels
- Scanning
- [Alphanumeric Display](#)
- MIL-810D Rating

Asking Price: \$150.00 Each

Quantity: 2

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386

Amateur Radio Equipment For Sale

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386



Kenwood PS-30 Power Supply

The **Kenwood PS-30** power supply provides 13.8 VDC at 20 Amps intermittent or 15 Amps continuous. It features large heat sinks and automatic overload reset. The [rear panel](#) has a [input voltage select switch](#), fuse holder and low amperage (5 Amp) terminals to operate accessories. Ripple voltage is less than 20 mV at 13.8 VDC 20 Amps. Input is 120/220 VAC 470W. 7.2 x 5.3 x 11.5 inches 19.6 lbs. (180x133x287mm 8.9 kg).

Asking Price: \$150.00

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386

Amateur Radio Equipment For Sale

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386



MFJ-4035MV Power Supply

Input Voltage:	110 VAC
Output Voltage:	0-15 VDC Adjustable
Output Current:	30 Amps continuous, 35 Amps Intermittent
Output Regulation:	Less than 1%
Ripple Voltage:	Less than 1mV
Protection System:	Over Voltage protection
Fuse:	5 Amp
Dimensions:	9.5"W x 6.1"H x 9.7"D
Weight:	19.2 Lbs
Three different Output terminals:	Five-Way binding post for HF/VHF radio
	Two Pairs of Quick connectors for low current accessories
	Cigarette Lighter Socket for mobile accessories

Asking Price: \$125.00

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386
Amateur Radio Equipment For Sale

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386



MFJ-812B SWR/Power Meter

The **MFJ-812 VHF SWR-Watt Meter** is designed for 144 and 220 MHz operation. It has two power ranges: 30 or 300 watts. It also reads relative field strength from 1 to 220 MHz. It has binding post for a field strength antenna (not supplied). 4 x 2.5 x 3 inches.

Asking Price: \$40.00

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386

Amateur Radio Equipment For Sale

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386



Daiwa Model CN-501
SWR/Power Meter

- Input / Output Connectors: Model CN-501V; SO-239
 - * Input / Output Connectors: Model CN-501VN; Type N
 - * Frequency range: 140-525MHz
 - * Forward Power: 20/200W
 - * Power Rating: 200W maximum (140-525MHz)
 - * Accuracy: Plus / minus 10 percent (at full scale)
 - * SWR Detection Sensitivity: 4W min
 - * Input / Output Impedance: 50 OHM
 - * Dimensions in inches: 5 W by 3 H by 4 D
 - * Weight: 1lb. 8 oz.
 - * LED Lighted
 - * 2.5mm DC input jack

Asking Price: \$150.00 Each
Quantity: 3

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386
Amateur Radio Equipment For Sale

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386



MFJ-4726 Antenna Switch

Select one of six antennas and one of six transceivers in any combination with just two easy-to-use rotary switches.

Plug in antenna tuner, SWR/Wattmeter or other into its common ports, so it is always connected to the antenna and radio selected.

All unused inputs are grounded. When rotary switches are in OFF position, all inputs are grounded or control is transferred to MFJ-4726RC, \$59.95, remote control.

Automatically grounds all inputs when you turn off transceiver.

Lightning surge protector protects transceivers and shunts surges to ground.

Does not protect against a direct lightning hit.

SO-239s. 1500 Watts into 50-75 Ohm load 1-60 MHz. Useable to 150 MHz.

Use CAT 5 cable for remote control, not included. Use 12 VDC or 110 VAC with MFJ-1312D, \$14.95.

For indoors, not weather protected. 8Wx5Hx41/4D inches.

Asking Price: \$140.00 Each

Linda Bowman – KB9YAO
email: kb9yao@yahoo.com
Phone: 260-228-9386

Amateur Radio Equipment For Sale

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Hygain Ham 4 Rotor with Control Box

Wind Load Rating (Inside Tower): 15 sq. ft.

Rotator Effective Moment (Inside Tower): 2,800 ft.-lbs.

Directional Display Type: Analog meter

Rotator Mount Type: Tower

Rotator Brake Power: 5,000 in.-lbs.

Control Cable: 8-conductor

Console Height: 4.300 in.

Console Weight: 6.60 lbs.

Rotator Width: 8.000 in.

Rotator Weight: 11.60 lbs.

Rotator Turning Power: 800 in.-lbs.

Wind Load Rating (Mast Mounted): 7.5 sq. ft.

Maximum Antenna Mast Diameter: 2.063 in.

Rotator Brake Type: Wedge brake

Rotator Bearing Type: Dual race, 98 bearings

Console Width: 8.500 in.

Console Depth: 9.000 in.

Rotator Height: 13.500 in.

Rotator Diameter: 7.250 in.

Console Input Voltage: 120 Vac

Asking Price: \$450.00 Each

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