

PODUNK HOLLOW NEWS

The Official Newsletter of the Egyptian Radio Club, Inc.

July 2020

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(N9OQK)

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(WA0JCO)

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Jason Cato
(KB9LBC)

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John Fuesting
(KD9DXD)

Assistant Treasurer:

Jennifer Cato
(No Call YET)

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Larry Unfried 1 Year
(WA9KJV)

Repeater Chair:

Justin Garbe
(WA9JTG)

PIO/Newsletter Editor:

Jason Cato
(KB9LBC)

Anyone interested in joining the Egyptian Radio Club will find an application at the end of this newsletter.

ZOOM Meeting This Thursday 6/25@630pM

<https://us02web.zoom.us/j/83025074129?pwd=NmNnYnRMNGo0SldnWlIWZ2dRbXRkZz09>

We will be having a club meeting at the above link this Thursday 6/25 at 630pm.

Please click the above link to join in when the time comes. We can host up to 100 people at a time.

DONATION BUTTON

We've included a donation button on the club's website for those of you that want to help fund/maintain the repeaters.

Balloon Launched by Popular Web Show Host Completes Second Round Trip

06/23/2020

A balloon launched on May 20 by "Amateur Radio Roundtable" web show host Tom Medlin, W5KUB, and team has begun its third circumnavigation of Earth. The balloon, at 43,000 – 45,000 feet, completed its second trip around the globe on June 19. It crossed the Atlantic ocean "in record time" at a speed of about 170 MPH, the balloon website reported this week.

The balloon, identified as W5KUB-18, carries APRS and WSPR amateur radio payloads. As of the afternoon of June 23, it was heading over Uzbekistan at over 100 MPH.

As the balloon website states, the mission and goal are to launch a high-altitude balloon for long-duration and multiple trips around the world. The balloon, an SBS-13, is capable of flying up to 45,000 feet. "It will be filled with hydrogen to obtain higher altitude," the website explains. "It will be solar powered only (no batteries, so it will only transmit during daylight). We will receive tracking every 10 minutes via WSPR on HF [14.0971 MHz]." Tracking transmissions will be turned off over the UK, Yemen, and North Korea due to regulations. The homebrew tracking transmitter runs just 10 mW but, Medlin told ARRL, it's being heard as far away as 9,000 miles.

"The entire tracker with GPS and processor is only 2 grams," Medlin said. "That's about the weight of a penny. The entire payload is only 15 grams total." The current effort is the group's 9th attempt to circumnavigate the globe.

Medlin says the balloon project has broadened his horizons. "You have to do a lot of specific engineering and measurements down to the 0.1 gram to fly one," he told ARRL. "You also become a weatherman, watching all the NOAA websites, winds at different altitudes, storms, etc. Storms will bring you down," Medlin said. With the float altitude set at 44,000 feet, he expects to be able to fly above most storms. "You also become very well-versed in geography as it flies," he added.

Medlin's livestreamed "[Amateur Radio Roundtable](#)" (promotional) goes live on Tuesdays at 9 PM Eastern Time and accepts calls from viewers. The show is simulcast on HF at 5,130 kHz. He has operated a live cam at Dayton Hamvention® for several years.

"It's been a great experience, and hams around the world are having a great time," Medlin attested. "I even issue them a certificate for being part of the experience. Many young people are watching and getting involved, and teachers who teach STEM are contacting me to get information and help. We are having fun."

CAMSAT CAS-6 Satellite Antenna Deployed, Transponder Activated

06/23/2020

CAMSAT reports that the VHF-UHF antenna on the [CAS-6 satellite](#), launched last December 20, has been deployed and its linear amateur radio transponder activated. CAMSAT's Alan Kung, BA1DU, reports that the CW beacon and GMSK telemetry are not working properly at this time, with only carriers being transmitted.

“We will try to diagnose and then determine whether the CW and telemetry data stream transmission can be recovered,” Kung said.

The U/V linear transponder uplink is 435.280 MHz, with the downlink at 145.925 MHz. The inverting passband is 20 kHz wide. The CW telemetry beacon is on 145.910 MHz. The AX.25 4.8 kbps GMSK telemetry frequency is 145.890 MHz. — *Thanks to Alan Kung, BA1DU*

Okaw Valley ARC Radio Sales

OVARC is still selling P25 Motorola radios!! They are making deals when purchased in groups of two or more. Get some friends together and get in on this deal. Contact surplus@ovarc.net. Price List follows further down

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SCOTT PROJECT RECOMMENDED PRICE LIST

PRICE LIST DATED: 10/18/19

Email: Surplus@ovarc.net

MFG. CODE

M=Motorola

T=TPL

O=Other

QTY	MFG CODE	MODEL	DESCRIPTION	NOTES	RETAIL PRICE	AMATEUR PRICE
	M	XTL5000	Flashed with Latest Firmware VHF Mobile Radio with Speaker, Mic, Bracket, Power Cords (FRONT MOUNT)		\$ 550.00	\$ 265.00
	M	XTL5000	VHF Mobile Radio with Control Head, Speaker, Mic, Brackets, Power Cords (SPLIT MOUNT) (Flashed with Latest Firmware)		\$ 425.00	\$ 275.00
	M	XTS5000R	VHF Model I Handheld Radio with Ant. (No Screen) Flashed with Latest Firmware	Model I	\$ 225.00	\$ 50.00
	M	XTS5000R	VHF Model II Handheld Radio with Ant. (With Screen) Flashed with Latest Firmware	Model II	\$ 350.00	\$ 175.00
	M	XTS5000R	Flashed with Latest Firmware VHF Model III Handheld Radio with Ant. (Full Keypad) FRONT PANEL PROGRAMMABLE	Model III	\$ 625.00	\$ 300.00
	M	WPLN4114AR	Impress Adaptive Single Charger w/ Pwr Cord		\$ 65.00	\$ 45.00
	T	PA3-1AB-M (NLD8905A)	1-6Watt In/10-50Watt Out VHF RF Amplifier		\$ 125.00	\$ 55.00
	M	HPN4001B	12 VDC Switching PS (14.1 VDC 8Amp)		\$ 110.00	\$ 65.00
	M	HSN4031A	Motorola Speaker (NEW)		\$ 35.00	\$ 25.00
	M	HSN4031A	Motorola Speaker (Used)		\$ 25.00	\$ 20.00
	M	WPLN4108AR	Impres 6 Bay Adaptive Battery Charger		\$ 425.00	\$ 95.00
	M	HLN1439B	(NEW) Motorola Astro Spectra Mobile Radio Siren/PA Module		\$ 249.00	\$ 55.00
	M	HLN1439B	(USED) Motorola Astro Spectra Mobile Radio Siren/PA Module		\$ 89.00	\$ 35.00
	M	HKN4363B	Astro Spectra to Siren Cable PA Cable		\$ 19.00	\$ 15.00



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QTY	MFG CODE	MODEL	DESCRIPTION	NOTES	RETAIL PRICE	AMATEUR PRICE
	M	HLN1198D	DEKK Control Head for Siren (USED)		\$ 29.00	\$ 12.00
	M	HSN1006A	(NEW) 6 Watt Amplified Speaker, 5" round		\$ 80.00	\$ 50.00
	M	WPLN4079BR	6 Bay BMSPlus Battery Maintenance System		\$ 567.00	\$ 175.00
	M	WPPN4022AR	(NEW) NiCad Battery Maintenance System Adapter	Each	\$ 128.00	\$ 35.00
	M	HLN6042A	Motorola Desk Tray With Speaker		\$ 77.00	\$ 45.00
	S	BP8299MH	NEW-Replacement for Motorola NTN8923AR-SUNNY BRAND		\$ 95.00	\$ 75.00
			NEW-TW-BAAM08294 New NiMH Battery		\$ 30.00	\$ 30.00
	S	NTN8831	Standard Rate Charger For Motorola XTS5000 RADIO With Power Supply	NEW @	\$ 30.00	\$ 30.00

Announcements

For those of you that have any announcements, please feel free to email me at kb9lbc@gmail.com so I can include them in the newsletter.

Advertisements

The Podunk Hollow News is a monthly publication of the Egyptian Radio Club, Inc. Advertising space is available in the Podunk Hollow News at **\$12.00** per business card size ad per year. Larger advertising space is available, per month or per year. All advertisers are welcome in the Podunk Hollow News. Ads are now clickable.

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Or download it later from [TWiT-TV](#).


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General Club Information

The club holds a monthly meeting on the first Thursday of the month and is open to all. Visitors are always welcome at the meetings. The next meeting suspended till further notice.

Members tend to arrive early to socialize, and the actual meeting starts at 6:30pm. After the meeting, there is usually a social gathering at a local restaurant. "The meeting after the meeting."

The club has a board meeting the Monday after the club meeting. This meeting is at 6pm at the Hen House Restaurant, at Chain of Rocks Road and Rt. 111 in Pontoon Beach, IL. This meeting is open to the public and all are invited to join. The next board meeting is on March 9th.

The club has a informal net every Tuesday at 8:00pm on 146.76. The PL is 141.3 and there is a 10 minute time-out. You do **NOT** need to be a member to participate or use the repeater, as it is open to **ALL** licensed Amateurs. Be sure to "stop in" and say hi!

VE TESTING for 2020

Testing is suspended till further notice. Show up about 15 minutes early to fill out paperwork, the testing fee is currently \$15, cash or check.

January 2nd

March 5th

May 7th

EgyptianFest2020 9am June 14th

July 2nd

September 3rd

November 5th

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Contact us;

WebMaster - webmaster@w9aiu.net

Ham Fest Chairman - hamfest@w9aiu.net

Field Day Chairman - fieldday@w9aiu.net

Newsletter Editor – kb9lbc@gmail.com

US Mail;

Egyptian Radio Club, Inc.

P. O. Box 562

Granite City, Illinois

62040-0562

Our website is;

www.w9aiu.org.

Our Facebook Page is;

<https://www.facebook.com/W9AIU>.

Our Facebook Group is ;

<https://www.facebook.com/groups/765454553468182/>.

Our repeaters are:

146.760 – PL 141.3 in downtown St. Louis, MO FM/P25 with an EchoLink Node WA9JTG-L

443.325 + PL 141.3 in downtown St. Louis, MO FM/YSF

146.790 – PL 127.3 in Edwardsville, IL, P25 with a remote link at SIUE with a PL of 77.0 & a remote link in Granite City with a PL of 141.3

224.060 – No PL in Edwardsville, IL FM only

442.400 + PL 127.3 in Edwardsville, IL FM/P25/DMR

[Search for Special Events Stations](#)



EGYPTIAN RADIO CLUB, INC.

Post Office Box 562
Granite City, Illinois 62040-0562

Full Name _____	Call _____
Address _____	License Class _____
City _____	State _____ Zip _____
Home phone _____	Date of Birth ____/____/____
Your email address _____ @ _____	
Are you a member of the ARRL? _____ ARES? _____ MARS? _____	
Class of membership desired: Full Associate Senior (must be 65 or older) (circle one)	
	\$36. ⁰⁰ \$18. ⁰⁰ \$24. ⁰⁰

I hereby apply for membership in the Egyptian Radio Club, Inc. and agree to accept and follow its By-Laws. Further, I agree to operate my Amateur Radio Station in accordance with the Rules and Regulations of the Federal Communications Commission Part 97, of the United States of America.

EGYPTIAN RADIO CLUB 2011 DUES STRUCTURE
I am enclosing one year of dues, pro-rated,
based on the number of months remaining in the calendar year.
(Calendar year, January 1 to December 31)

Sponsoring Member _____

Sponsoring Member _____

Secretary _____ Dated ____/____/____



Artwork by Phillip "Gil" Gildersleeve, W1CJD/SK. Longtime Staff Artist at ARRL HQ. This painting is the property of the Egyptian Radio Club and is on loan to the ARRL. It hangs in the entrance foyer at HQ.



Egyptian Radio Club, Inc.
Post Office Box 562
Granite City, Illinois 62040-0562



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