

PODUNK HOLLOW NEWS

The Official Newsletter of the Egyptian Radio Club, Inc.

OCTOBER 2019

Club President:

[William Dusenbery](#)
(N9OQK)

Vice President:

[Bill Schmidt](#)
(WA0JCO)

Secretary:

[Bob Evans](#)
(AA9FQ)

Treasurer:

[John Fuesting](#)
(KD9DXD)

Assistant Treasurer:

[Jennifer Cato](#)
(No Call YET)

Board Members:

[John Sundstrom Sr.](#) 2 Year
(WA0LIS)

[Jason Cato](#) 1 Year
(KB9LBC)

Repeater Chair:

[Justin Garbe](#)
(WA9JTG)

PIO/Newsletter Editor:

[Jason Cato](#)
(KB9LBC)

Egyptianfest 2020 Chair:

[Jason Cato](#)
(KB9LBC)

Our website is;

www.w9aiu.org

Our Facebook Page is;

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

Our Facebook Group is ;

<https://www.facebook.com/groups/76545453468182/>

Our

repeaters are:

146.760 – PL 141.3 in downtown St.
Louis, MO with an EchoLink Node
#541608

443.325 + PL 141.3 in downtown St.
Louis, MO FUSION CAPABLE

146.790 – PL 127.3 in Edwardsville,
IL

224.060 – No PL in Edwardsville, IL

442.400 + PL 127.3 in Edwardsville,
IL

**Search for Special Events
Stations.**

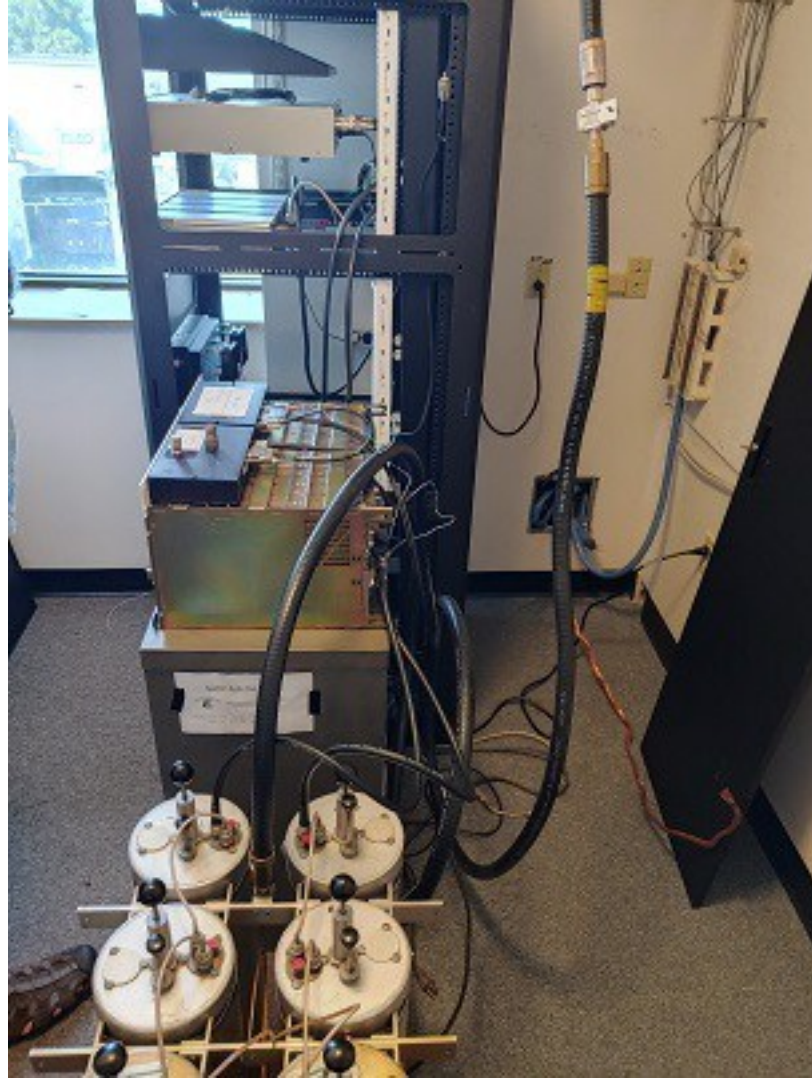
Some Announcements

With the 76 and 79 repeaters going mixed-mode analog FM & digital....there have been some complaints about the digital noise. All you have to do is enable Tone Decode 141.3 on your radio (Or TSQL depending on the radio), and you will no longer hear the noise. Your S-meter will still show that the repeater has traffic, but you will not hear the buzzing of the digital mode. If your radio does not have a tone controller in it, there really is nothing that can be done about that. P25 users are unable to interrupt analog users and vice versa until there is a break in the QSO. The Tuesday night 8PM net will remain analog. However, the P25 is attracting more users than just one or two of us. Now, to dispel a rumor going around on the repeaters. P25 Digital does NOT require you to buy expensive software to decode it. All it requires is the acquirement of a surplus P25 radio, NAC 585 is what you need, which can be had on ebay relatively cheap. Also, W9KXQ is selling p25 radios from Scott AFB, his email is surplus@ovarc.net
Please See the Price List below the announcements.

Hand held radios are getting down to more scratched from use than not, so we are open to negotiation on all of these prices if you order 5 or more radios at a time. They will check the radios out before They release them to you, and the order for multiple radios can be paid by individual checks or PayPal.

If you have no interest in P25, just set your decode to TSQL, (Again 141.3) and you won't hear it. P25 is no different than DSTAR, System Fusion, or DMR, they are all digital modes. Here are a couple of pics of the new repeater on the next pages....





Pics Courtesy of WA9JTG

Next.....We are looking for a permanent EchoLink host. It is up temporarily thru Justin, WA9JTG. WA9JTG-L is what you search for.

Okay down to the club room.... Whomever owns the mini-fridge, it is no longer needed in the club room, as we have bought and installed a full-size fridge. Please retrieve it at your earliest convenience.

Now...We are going to be conducting an inventory of the club's equipment, for insurance purposes. If you have any club equipment, and you are NOT using it, please return it. If you ARE using it, please let us know what it is, and a serial number if available.

If you have equipment in the club room, please retrieve it at your earliest convenience so we do not include it in the inventory.

If you are allowing us to use equipment that is YOURS, please inform us as to what it is, so we do NOT include it in our inventory. Thank you!!

NOMINATIONS FOR CLUB OFFICERS is coming up at the November meeting and will be voted on during the business part of the Christmas Party on December 5th. If there are no nominations, the incumbents will retain their offices. All seats are up for re-election this year.

However, there is one change. Jason Cato is running for Secretary, as Bob Evans has decided not to seek re-election. We wish Bob the best and thank him for all of his hard work as Secretary the past couple of years.

Last item on the Agenda.....I promise....

We have had some changes lately.... Marty N9PPJ has retired from his duty as Repeater Committee Chairman. We want to thank Marty for his years of service on keeping our repeaters running.

We also want to welcome Justin WA9JTG, as our new Repeater Committee Chairman. He has picked up the reins and will be in charge of the new repeaters. These new repeaters should serve us well in the coming years.

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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

REMINDER!!!! Illinois AND Missouri!



"Each day, law enforcement officers, firefighters, emergency response personnel, and highway workers encounter situations which place their lives in jeopardy while protecting the citizens of Illinois. This legislation helps to ensure that they can perform those duties out of harm's way."

Penalties for violating Scott's Law include:

a fine of not more than \$10,000 suspension of driving privileges for a period of up to a year but not less than 90 days for damaging another person's property suspension of driving privileges for a period of not less than 180 days but no more than two years for injuring another person a two-year suspension of driving privileges for causing the death of another person.

The ISP encourages motorists to follow these precautions when approaching an emergency vehicle with its lights activated:

Slow down and proceed with caution. Yield the right-of-way by changing into a lane not immediately adjacent to the emergency vehicle. Be prepared to pull over to the right-hand side of the roadway and stop if directed to do so. Be watchful of the movement of emergency personnel and equipment. ISP advised the legislation applies to all vehicles displaying flashing lights, including highway maintenance vehicles.

St. Louis ARES Calander

November 2019

•11 - St. Louis Metro ARES® general meeting

When: November 11, 2019 (Monday), 7:30 PM

Where: Barnes-Jewish West County Hospital
Private Dining Room (go through the downstairs cafeteria)
Barnes-Jewish West County Hospital
12634 Olive Blvd.

St. Louis, MO 63141

([Click here for a map and directions.](#))

Who to contact: Open meeting, you do not need to contact anyone.

Details:

General meeting

December 2019

•2 - St. Louis Metro ARES® Planning & Development meeting

When: December 2, 2019 (Monday), 7:00 PM

Where: Barnes-Jewish West County Hospital
Private Dining Room (go through the downstairs cafeteria)
Barnes-Jewish West County Hospital
12634 Olive Blvd.

St. Louis, MO 63141

([Click here for a map and directions.](#))

Who to contact: Open meeting, you do not need to contact anyone.

Details:

Planning & Development meeting

•9 - St. Louis Metro ARES® general meeting

When: December 9, 2019 (Monday), 7:30 PM

Where: Barnes-Jewish West County Hospital
Private Dining Room (go through the downstairs cafeteria)
Barnes-Jewish West County Hospital
12634 Olive Blvd.

St. Louis, MO 63141

([Click here for a map and directions.](#))

Who to contact: Open meeting, you do not need to contact anyone.

Details:

General meeting

Egyptian Radio Club's Annual Christmas Party



Thursday, December 5th, 2019 at
Uncle Linny's Restaurant
4112 East Pontoon Road
Pontoon Beach, IL 62040



Start arriving between 6:00pm and 6:30pm.
Be sure to bring an unwrapped toy for the Toys for
Tots Toy Drive, in memory of Mike Phillips NORSP - SK.

There will be a short business meeting & election of your
2020 Club board members, then back to the food and fun!

FIRST ANNUAL MIKE PHILLIPS NORSP MEMORIAL TOYS FOR TOTS TOY DRIVE



The Egyptian Radio Club is asking for donations of new unwrapped toys.
Toys collected will be donated to the Marines Toys for Tots campaign in
memory of our dear friend Mike Phillips.

Toys collected will be distributed locally to children, who might not have a gift
otherwise.



An Announcement From The Antenna Builders Guild

We are going to refocus the Antenna Builder's Guild to being builder's and designers and operators like we used to be. Each meeting will have a theme in a series of basic antenna building. Beginning with calculating and cutting dipoles and loops, then learning about and winding the various baluns, understanding and building ladder line and comparing it to coax, designing and building yagi's, and understanding coupling colinear elements.

We'll still plan trips to Pere Marquette and other places of radio interest. Feel free to suggest and location. Also, we've have helped raise QTH antennas in the past and will continue to do so as needed.

2019-2020 building dates.

2 Nov, Egyptian Radio Clubroom, 2606 Washington Street, Granite City

7 Dec, Egyptian Radio Clubroom

4 Jan, Egyptian Radio Clubroom

15 Feb, Egyptian Radio Clubroom

14 Mar, Egyptian Radio Clubroom

4 Apr, Pleasant Ridge Park, 401 Pleasant Ridge Road, Fairview Heights

2 May, Pleasant Ridge Park

13 June, Pleasant Ridge Park

18 July, Pleasant Ridge Park

1 Aug, Pleasant Ridge Park

19 Sept, Pleasant Ridge Park

18 Oct, IL QSO Party

73 Dennis KM9O
GROL PG00045411

Posted by: millerd18@yahoo.com

Monthly Calendar of Events

2019 NOVEMBER

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5 2 Meter Net 8:00pm 146.76 PL 141.3	6	7 Club Mtg. 6:30pm Holy Family Church Granite City	8	9
10	11 Board Mtg. 6:30pm Hen House Rest. Pontoon Beach	12 2 Meter Net 8:00pm 146.76 PL 141.3	13	14	15	16
17	18	19 2 Meter Net 8:00pm 146.76 PL 141.3	20	21	22	23
24	25	26 2 Meter Net 8:00pm 146.76 PL 141.3	27	28 Thanksgiving Day	29	30

ARRL to Launch New *On the Air* Magazine in January

10/17/2019

ARRL is launching a new magazine, *On the Air*, in January 2020. To be published on a bimonthly basis, *On the Air* will offer new and beginner-to-intermediate-level radio amateurs a fresh approach to exploring radio communication. Each issue will include advice and insights on topics from the variety of Amateur Radio interests and activities: radio technology, operating, equipment, project building, and emergency communication. The goal of this new magazine is to be a vital resource in helping new and newer radio amateurs get active and involved in radio communications.

“*On the Air* responds to the brand new and not-so-brand-new radio amateur seeking ideas and answers,” said QST Managing Editor Becky Schoenfeld, W1BXY. Schoenfeld is part of the ARRL staff team that developed the new magazine. The planning included an extensive national-level study of new Amateur Radio licensees, identifying their motivations for getting licensed and their experiences of getting started. A focus group responded positively to a trial sample edition of the magazine.

“Too many new licensees never take the next step,” says Schoenfeld. “We’re excited to introduce a new Amateur Radio magazine for this audience, aimed at getting them active, getting them involved, and getting them on the air.”

The first issue of *On the Air* will be published in January 2020 (January/February issue) and will be introduced as a new ARRL membership benefit. Effective November 1, when eligible US radio amateurs join ARRL or renew their memberships, they will be prompted to select the print magazine of their choice — *On the Air* or *QST*. Current members receiving the print edition of *QST*, upon renewal, may choose to continue receiving the monthly print edition of *QST* or the print edition of the bimonthly *On the Air*.

All ARRL members, including international members, will be able to access digital editions of both *QST* and *On the Air*. Members who already access *QST* on the web or from the mobile app will be able to access *QST* and *On the Air* starting in January.

Homebrew Heroes Award for 2019 in Amateur Radio Announced

10/14/2019

The Homebrew Heroes Award Program has announced its first annual recipient. He is Hans Summers, G0UPL, of East Sussex in the UK. The annual award recognizes individuals, groups, or organizations who help define the frontiers of Amateur Radio technology through the long-standing tradition of constructing their own equipment.

“Our Steering Committee sought the advice of an anonymous selection committee that surveyed the landscape of known homebrew designers in Amateur Radio,” Steering Committee member Frank Howell, K4FMH, said in an October 13th news release. “There are indeed many very deserving ones! But only one can be chosen each year.” Other Steering Committee members are Martin Butler, M1MRB, and Colin Butler, M6BOY — all affiliated with the [ICQ Podcast](#).

For his part, Summers said he was humbled and “just blown away by it all” to be the first recognized with the Homebrew Heroes Award. Summers said he’s been sharing his homebrew work and that of his

company [QRP Labs](#) through his [website](#) for years. “To have these efforts publicly recognized in this way is so personally gratifying,” Summers said.

Martin Butler said that Summers “has continually demonstrated to all with at least one eye open that the traditional homebrew craft and science is alive and well.”

“I’ve watched Hans Summers continue to innovate in his design of terrific homebrew kits and products that have made a fantastic impact on the Amateur Radio market place,” Colin Butler added. “As publisher of the ICQ Podcast, I am delighted for us to serve as the official promotional partner of this awards program.”

Commercial companies making prize donations for this year include Digilent Inc., a National Instruments company; SIGLENT Ltd.; MFJ Enterprises; the Ham Radio Workbench Podcast, and Heil Sound Ltd.

A formal video presentation is available at the Award Program website. A longer audio feature interview is available in Episode 308 of the ICQ Podcast.



AMATEUR RADIO EXAMS

**WALK-INS ARE WELCOME! PLEASE CALL AHEAD IF POSSIBLE.
DOORS OPEN AT 6PM!**

**CLIFF CAVE BRANCH, ST. LOUIS COUNTY LIBRARY
5430 TELEGRAPH RD, OAKVILLE, MO 63129**

The Cliff Cave VE Team will be giving the exams on these dates:

2019

**July 2nd & 16th
August 20th & 27th
September 3rd & 17th**

**October 1st & 15th
November 7th & 19th
December 3rd & 17th**

To register or for further information, contact:

CVE David Bartholomew, Extra, ABØTO, 314-894-7631 – davidbartholomew@yahoo.com
CVE Roland Kramer, Extra, WØRL, 314-481-8846 – wØrl@att.net
CVE Peter B. Brisbine, Extra, NØMTH, 314-894-9395 – n0mth.pb@gmail.com
CVE Ed Berkel, Extra, AEØEB, 314-401-1767 – ae0eb.eb@gmail.com
VE Kevin Naumann, Extra, NØWDG, Quality Assurance, 636-296-8056 – n0wdg@att.net
VE Jerry Phillips, Extra, W7AP, QA, 702-280-4915 – w7ap.jp@gmail.com
VE Sheila Phillips, Extra, WØSMP, QA, 702-277-2501 – sheilalvnn@gmail.com
VE Kenneth Simila, Extra, KCØVMY, 636-349-5584 – krsimila@sbcglobal.net
VE Mike Bien, Extra, KBØPDL, 314-724-0232 – mbien007@sbcglobal.net
VE John Mountain, Extra, KJØMTN, 314-308-2661 – ki0mtn@sbcglobal.net
VE Charlie Wilmes, Extra, KCØHXB, 636-225-7209 – kc0hxb@arrl.net
VE John B. Telker, Extra, NØTH, 314-894-1545 – n0th@arrl.net
VE Wayne Gmachl, Extra, KDØNEO, 314-303-3752 – kd0neo@gmail.com
VE Jon P. Schaumann, Extra, WØKZ, 314-822-3732 – ips@byu.net
VE Janelle Brisbine, Extra, NØMTI, 314-894-9395 – n0mti.jh@gmail.com
VE Roy Tribble, Extra, KØTRB, 314-494-5911 – roy.tribble@outlook.com
VE Tom McKleroy, Extra, W9XO, 314-309-0532 – mckleroy@att.net
VE Dean Larson, Extra, WBØEYA, 314-631-1489 – wb0eya@arrl.net
VE Dale Holloway, Extra, K4EQ, 636-221-8808 – dale@k4eq.net

**Check out our website at
www.cliffcaveve.com**

ARRL Advisor & C/LVE:

Harry Steger, Extra, WØHMS, 314-894-2136 – hjsteger@earthlink.net

The Cliff Cave VE Team was founded by SK Harry Nordman, ABØSX

DON'T FORGET!

Two forms of ID (one must be a photo)

\$15 CASH

A signed-copy of your current license or a recent CSCE if upgrading

Non-programmable calculator (if using)

**NO SMARTPHONES
OR SMARTWATCHES
ALLOWED IN TESTING
AREA**

2019

JULY						
Mo	Tu	We	Th	Fr	Sa	Su
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	1	2	3	4
5	6	7	8	9	10	11

AUGUST						
Mo	Tu	We	Th	Fr	Sa	Su
29	30	31	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	1
2	3	4	5	6	7	8

SEPTEMBER						
Mo	Tu	We	Th	Fr	Sa	Su
26	27	28	29	30	31	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	1	2	3	4	5	6

OCTOBER						
Mo	Tu	We	Th	Fr	Sa	Su
30	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	1	2	3
4	5	6	7	8	9	10

NOVEMBER						
Mo	Tu	We	Th	Fr	Sa	Su
28	29	30	31	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	1
2	3	4	5	6	7	8

DECEMBER						
Mo	Tu	We	Th	Fr	Sa	Su
25	26	27	28	29	30	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	1	2	3	4	5

Note the Back-to-Back change for August

Note the Thursday change for November

QUANTAR™

Station/Repeater



QUANTAR™
Station/Repeater
available in:

- ▶ **Conventional:**
Local and Wide Area
- ▶ **Trunking:**
SmartNet and SmartZone
- ▶ **VHF**
132-174 MHz



QUANTAR 125-25 Watt Station/Repeater

FEATURES

Provides Unmatched Flexibility in a Compact Design

- ▶ The software inherent in the product design allows features and system configurations to be specified through your choice of the appropriate software options
- ▶ Software intensive design allows for system migration and feature upgrades via FLASHport™
- ▶ Conventional Project 25 compliant (optional)
- ▶ Trunked Voice CAI compliant (optional)
- ▶ Analog, SECURENET or ASTRO operation in conventional systems
- ▶ Analog or ASTRO operation in SmartNet or SmartZone trunking systems
- ▶ IntelliRepeater™ operation in trunked QUANTAR eliminates need for a central site controller
- ▶ 125-25 Watt or 25-6 Watt variable power models
- ▶ Standard EIA 19" rack mount configuration
- ▶ Compact dimensions utilize expensive site space efficiently
- ▶ 12.5, 25 or 30 kHz programmable channel spacing

Shortens Installation and Maintenance Time

- ▶ Functionally separate modules: Field Replaceable Units (FRU)
- ▶ Software intensive design speeds upgrades
- ▶ Programming and diagnostic testing performed through a personal computer
- ▶ Lightweight

Contributes to Maximizing System Up Time

- ▶ Reliable solid state performance
- ▶ Continuous duty cycle operation
- ▶ Battery reverting available in event of a site power failure
- ▶ Self-testing eases regular maintenance
- ▶ Switching power supply functions over a wide range of voltages and frequencies



MOTOROLA
intelligence everywhere™

GENERAL SPECIFICATIONS

		Model Number: C99ED/001C Factory ID: T5365	
Application	System Family Option	Power/Band Option	RF Power Output
Conventional Analog Conventional ASTRO Conventional ASTRO CAI 6809 Trunking 6809 ASTRO Trunking 6809 ASTRO CAI Trunking SmartZone 6809 ASTRO Trunking SmartZone 6809 ASTRO CAI Trunking SmartZone IntelliRepeater Secure Transparent SmartZone IntelliRepeater SmartZone ASTRO IntelliRepeater SmartZone ASTRO CAI IntelliRepeater ASTRO 25 Site Repeater	X597 X599 X806 X997 X992 X900 X989 X897 X999 X998 X990 X898 X591	X330 X530	25-6 Watts 125-25 Watts
No. of Frequencies:	1 Standard on Trunked Stations, 16 Standard on Conventional Stations	Analog Modulation:	FM
Frequency Generation:	Synthesized	Digital Modulation:	C4FM
Analog Channel Spacing:	30 kHz/25 kHz/12.5 kHz	Temperature Range:	-30°C to +60°C
Digital Channel Spacing:	12.5 kHz	Antenna Connectors:	Transmit and Receive, Type "N" Female
Mode of Operation:	Simplex/Semi-duplex/Duplex	Occupied Bandwidth:	99% Power
Input Voltage AC:	90-264 VAC, 47-63 Hz	Operational Battery Revert:	12 VDC (25-6 Watt stations) 24 VDC (125-25 Watt stations)
Optional DC/DC Converter:	Negative or Positive Ground Source: 12 VDC (25-6 Watt stations) 24/48/60 VDC		Output power may be reduced up to 3 dB in battery revert mode to conserve battery life

INPUT POWER IN WATTS (VARIES WITH OPTIONS)

Power Output	Dimensions (H x W x D)	Weight	Operation State	AC Line	Battery Revert		DC/DC Converter (Positive or Negative Ground)		
					12V DC Nominal** (X30 Option)	24V DC Nominal** (X30 Option)	24V DC (X112 Option)	48V DC (X113 Option)	60V DC (X113 Option)
25 W	8.75 x 19 x 17 in.† (221 x 483 x 432 mm)	55 lbs.† (25 kg)	Standby Transmit	60 160	46 95	N/A N/A	N/A N/A	N/A N/A	N/A N/A
125 W	8.75 x 19 x 17 in.† (221 x 483 x 432 mm)	55 lbs.† (25 kg)	Standby Transmit	70 500	N/A N/A	55 385	75 505	65 445	65 445
Alternative Cabinet Enclosure Specifications	12 x 22 x 20 in. (305 x 559 x 508 mm)	30 lbs.* (14 kg)							
	30 x 22 x 20 in. (762 x 559 x 508 mm)	66 lbs.* (30 kg)							
	46 x 22 x 20 in. 1168 x 559 x 508 mm)	75 lbs.* (34 kg)							
	60 x 22 x 20 in. (1524 x 559 x 508 mm)	102 lbs.* (46 kg)							

†Applies to station with option X87 Ornit Cabinet without triple circulator option
*Enclosure only
** Output power may be reduced up to 3 dB in battery revert mode to conserve battery life. Full rated RF power is only available for terminal voltages of 13.5 to 15V (12V DC; X30 option) and 27 to 30V (24V DC; X30 option) at the station DC input connector.

TRANSMITTER

Frequency:	132-154 MHz, 150-174 MHz
Electronic Bandwidth: (Transmit Bandwidth)	Full Sub-band (reduced with the addition of a duplexer option)
Output Impedance:	50 Ohms
Frequency Stability: (for Temperature and Voltage Variation)	1 PPM/External Ref. (Optional)
Intermodulation Attenuation:	50 dB
Maximum Deviation Clear 30/25 kHz:	±5 kHz
SECURENET Coded: Clear 12.5 kHz:	±4 kHz
ASTRO Conventional 12.5 kHz:	±2.5 kHz
	±3.6 kHz
Audio Sensitivity:	-35 dBm to 0 dBm variable
Spurious and Harmonic Emissions Attenuation:	90 dB
Symbol Rate Accuracy:	10 PPM
FM Hum and Noise: 30/25 kHz:	300 to 3000 Hz bandwidth, 60% RSD, 750 μs de-emphasis
12.5 kHz:	50 dB nominal
	45 dB nominal
Audio Response (Analog):	+1, -3 dB from 6 dB per octave preemphasis; 300-3000 Hz referenced to 1000 Hz at line input
Audio Distortion (Analog):	≤ 2% 1000 Hz @ 60% RSD
Emission Designators:	25 kHz: 16K0F3E, 16K0F1D, 20K0F1E, 12.5 kHz: 11K0F3E, 8K10F1E, 10K0F1D

FCC TYPE ACCEPTANCE

FCC Designation:	Frequency Range in MHz	Type	Power Output in Watts	Type Acceptance Number
	132-174	Transmitter	125-25	ABZ89FC3773
	132-174	Transmitter	25-6	ABZ89FC3774
	132-174	Receiver	N/A	ABZ89FR3776

Specifications subject to change without notice.



Support Services

Wherever Motorola sells, our product is backed by service. Our products are serviced throughout the world by a wide network of company or authorized independent distributor service organizations.

Motorola is an Equal Employment Opportunity/Affirmative Action Employer



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Egyptian Radio Club general meeting minutes October 3 2019

Present: John Sundstrom WA0LIS, Larry Unfried WA9KJV, Randy Werner KD9BQK, Tim Nichols N9FUE, Jacques Dupont KN9O, Don Reinheimer KD9MHH, Nolan Zobrist KA9VKC, Lisa Hoxsey, Jennifer Cato, Jason Cato KB9LBC, Chuck Hoxsey KD9JKP, Bill Dusenberry N9OQK, Jacob Nagel ADOJA, Beth Nagel KD0SJR, Natalie Nagel KONJN, Jack Leverich KC9KY

Meeting called to order by Bill Dusenberry

Minutes approved

Treasure report read by Bill Dusenberry no objections

Bill Dusenberry gave a summary of the September board meeting and the purchasing of the repeaters

Jacob ADOJA gave a presentation on the Centaur repeaters as well as possible upgrades for the club to think about in the future. The most immediate concern is purchasing Tripple bar isolator to provide surge protection for the repeater and controller.

Larry Unfried announced he has a contact at the Lewis and Clark observation tower in Wood River. The city might be open to hosting a repeater on top of the 200 foot tower. Larry to get more information, Bob Evans will write a letter to the city of Wood River, when Larry has every lined up.

Jack Leverich stated we need to send a letter to Jim Wright at KDNL thanking for the hosting the repeater.

Some concern was noted about P25 on the 76 repeater, it is encouraged that people program the PL tone on both the transmit and receive so they don't get the digital noise on analog FM radios.

Nolan Zobrist asked where we stand on insurance on the repeaters and inventory.

Jason Cato said the 90th anniversary went well.

John Sundstrom says we need a new 10 meter net controller. Larry Unfried stated we should use the club room to run the 10 meter net.

Marty is no longer hosting the Echolink Node, so we need someone to host a node. The club may have most of the equipment needed, and provide a stipend to cover the cost of the utilities.

Minutes submitted by Bob Evans AA9FQ

Egyptian Radio Club Secretary.

Announcements

Tower Setup For Sale

70 feet of Rohn 45g.
Accessories included are;
flat top,
concrete plate,
2 thrust bearings,
2 rotor plates,
and a Tail Twister II rotor.
The whole setup is priced to
move at \$900.00.
It is located in Baldwin, IL.

Also Available separately are the
following antennas;

M2 18XXX,

M2 5 Element 6M Beam,

ChrisCraft Rotatable Dipole
(Will need rebuilding),

and a 22 element 432 beam.

Please contact, Mark
Theobald, W9KUF at 618-
214-2522 for further
information.

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.

**Certificates for the
90th Anniversary
contacts will be
going out in
November.**

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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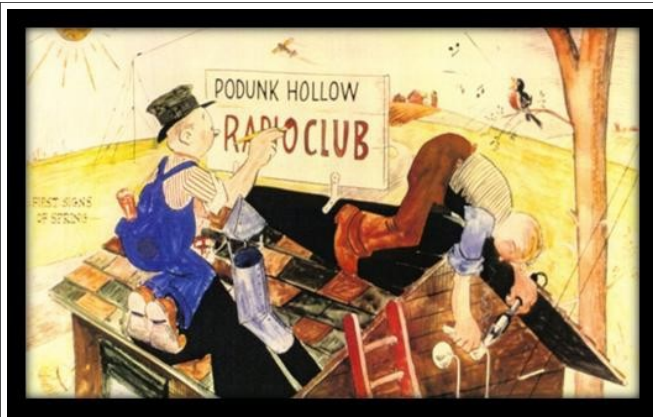


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General Club Information

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 is November 7th, at 6:30pm at the Holy Family Community Center at 2600 Washington Ave in Granite City, IL. 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 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!

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

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
with an EchoLink Node WA9JTG-L

443.325 + PL 141.3 in downtown St. Louis, MO
Now System Fusion Capable **DOWN**

146.790 – PL 127.3 in Edwardsville, IL

224.060 – No PL in Edwardsville, IL

442.400 + PL 127.3 in Edwardsville, IL **DOWN**

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Full	Associate	Senior	<small>(must be 65 or older)</small>	<small>(circle one)</small>							
\$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)

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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.



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