

## PAT MURRAY NW2I EARNS 5BDXCC AWARD

Pat Murray NW2I has earned her 5-Band DXCC Award. Pat showed off her award at a family luncheon held in her honor. Her son Ray is also a 5BDXCC member, making them the first mother/son 5BDXCC pair in amateur history. Congratulations!



Pat NW2I shows off her award!

## HAPPY MARCH BIRTHDAY!

KB2KOL Scott Barto  
KB2KVA Ed Taublieb  
KC2QKB Jon Hall  
KC2QKB Nicole Gerber  
KC2WLX Joe Bobak  
W2ZDP Wayne Carpus



## MARCH MEETING

This month's club meeting will begin at 7:00 PM on Thursday March 4 at the Hamburg Youth Center, corner of Hawkins and Prospect Streets. All interested in amateur radio are invited to attend. Neither club membership nor an amateur radio license is required.

In addition to our presentation, we're having a "gadget /widget night". Bring something that makes your radio life easy and share it with the rest of the group.

Hope to see you there!



## OLD QST MAGAZINES

Ed Patton N2ING is helping clear the estate of a friend and has left about 50 years worth of QST magazines at the NIKE Base. They're free for the taking. Maybe you'd like one from the year you were born...perhaps the year you got your ticket.

They will remain at the NIKE Base through the April regular STARS meeting. Contact Don K2PMC if you're interested.

## STARS 2010 ROSTERS AVAILABLE

2010 STARS rosters will be available at the March meeting!

## SUCCESSFUL TECHNICIAN CLASS FOR WEST SENECA CERT TEAM

STARS members Keith KC2DGC, Wayne W2ZDP, Bob KA2WYE, and Tom KA2NXY conducted a class for the West Seneca CERT (Citizens Emergency Response Team) members over a series of several Tuesdays.

The STARS VE team, led by John KB2VWC, then conducted a test session on February 16th. Of the 16 that took the Technician test, 14 passed. Great job Keith, Wayne, Bob and Tom!

New licenses were earned by:

Conrad Barrick KC2WRY  
William Cleary KC2WRZ  
Suzanne Grieco KC2WSA  
John Gullo KC2WSB  
Suzanne Kobee KC2WSC  
Joann Lowczys KC2WSD  
Gwen Macool KC2WSE  
Susan Patterson KC2WSF  
Dianne Roof KC2WSG  
Donald Roof KC2WSH  
Karen Roward KC2WSI  
George Sheehan KC2WSJ  
Kenneth Thompson KC2WSK  
Jean Yager KC2WSL



As provided by our by-laws, those that pass tests at a STARS VE session are awarded non-voting Associate memberships for 2010.

*Congratulations to all!*



STARS has been designated a Special Service Club by the ARRL.

## FIELD DAY STATION LOCATOR SERVICE ONLINE FOR 2010

First introduced in 2008, the ARRL's Field Day Station Locator Service was a popular addition to the Field Day toolbox. This service -- an interactive map that helps amateurs or those interested in Amateur Radio find a Field Day site near them -- is free to clubs or individuals who will be operating public Field Day stations. Stations can also be listed by state or province. ARRL Field Day is the most popular on-the-air operating event in Amateur Radio. On June 27-28, join tens of thousands of Amateur Radio operators as they gather for a public demonstration of our Service.



## 2010 CLUB OFFICERS

President:	Wayne Carpus W2ZDP
Vice President:	Jim Starr N2TFA
Treasurer:	Jack Cullum KB2ESM
Secretary:	Keith Patterson KC2DGC
Financial Secretary:	Judy Levan N2TEZ
Director:	Ken Pokigo KC2AYK
Director:	John Crawford KB2VWC

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Clubhouse Chair:	Don Niles K2PMC
Telstar Editor:	Judy Levan N2TEZ
Webmaster:	Marc Fruth N2UBT

## SECOND TECHNICIAN QUESTION POOL RELEASED

In January, the Question Pool Committee (QPC) of the National Conference of Volunteer Examiner Coordinators (NCVEC) released the 2010 Technician (Element 2) Question Pool. Upon further review of the pool, members of the QPC found and corrected more than 50 minor typographical errors and clarified the questions and answers, making them easier to understand.

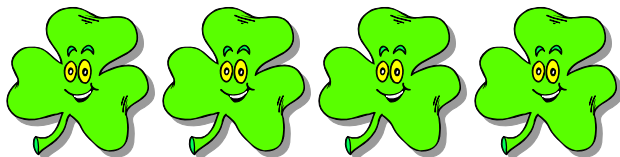
These adopted changes are now incorporated in a revised question pool. The errata list, as well as the revised Technician question pool, is available on the NCVEC Web site at, <http://www.ncvec.org/>.

The previously released pool dated January 4, 2010 is invalid for use. The newly revised Technician question pool will become effective for all examinations administered on or after July 1, 2010; it will remain valid until June 30, 2014.

The current Technician question pool that became effective July 1, 2006 will expire June 30, 2010. The new Technician pool contains approximately 400 questions, from which 35 are selected for an Element 2 examination; it will contain graphics and diagrams, something new for this element.

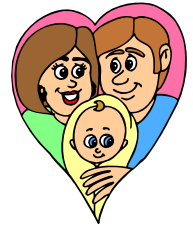
The current General class question pool was effective July 1, 2007 and is valid through June 30, 2011. The current Amateur Extra class pool was effective July 1, 2008 and is valid until June 30, 2012.

**\*\* If you know someone currently studying for their Tech class exam, please remind them the question pool will change July 1st\*\***



## WELCOME!

Gabriella Catherine Barto  
February 10th  
2:49 PM



## W1AW ANNOUNCES NEW SCHEDULE FOR DIGITAL BULLETIN TRANSMISSIONS

Beginning Monday, March 15, W1AW, the Hiram Percy Maxim Memorial Station, will alternate the digital modes used for its digital bulletin transmissions. While Baudot, PSK31 and MFSK16 still make up the digital mode complement, W1AW Station Manager Joe Carcia, NJ1Q, says that the schedule will be altered to give more exposure to PSK31 and MFSK16. "Because of time constraints and the varying lengths of digital bulletins, there were many instances where only Baudot was used," he said. "With the new schedule, amateurs preferring either PSK31 or MFSK16 will find these modes no longer secondary."

The regular callup will be made using the mode that is transmitted first. The digital bulletin times remain at 6 PM and 9 PM (Eastern Time) daily. The Tuesday and Friday Keplerian data bulletins will continue to be sent using just Baudot and PSK31.

The new digital schedule is as follows:

- Monday: Baudot, PSK31, MFSK16
- Tuesday: PSK31, MFSK16, Baudot
- Wednesday: MFSK16, Baudot, PSK31
- Thursday: Baudot, PSK31, MFSK16
- Friday: PSK31, Baudot, MFSK16

"Given time constraints and bulletin lengths, all three modes may not always be transmitted," Carcia explained

The full W1AW schedule can be found on the ARRL website at: <http://www.arrl.org/w1aw.html>

## VE SESSIONS

STARS will be holding a VE Test Session on Saturday March 20th. The session will be held at the Hamburg Youth Center (corner of Prospect and Hawkins Aves.)



All candidates should arrive by 9AM. Walk-ins will be allowed, but pre-registering will help speed up the processing the day of the test.

Bring the following to the test session:

1. An original photo ID or two other original forms of ID, plus a photocopy of the ID(s) to be turned in to the examiners for their records.
2. Your current amateur radio license (if any) plus a photocopy of it.
3. The original copies of any applicable Certificate of Successful Completion of Examination (CSCE) plus a photocopy of each.
4. A test fee of \$15.00 (Note price increase)
5. Your Social Security Number (SSN) or your FCC Federal Registration Number (FRN). Your application for a new or upgraded amateur radio license will be rejected by the FCC if you do not provide one of these numbers.

For more information, or to register for the test, contact John Crawford KB2VWC 649-5933.

LARC will be holding a VE session at the Buffalo Hamfest on Saturday March 7th.

ARATS holds test sessions on the first Saturday of the month starting promptly at 10AM at the North Tonawanda Fire Headquarters at 495 Zimmerman Street. Walk-ins accepted, pre-registration is highly recommended. For information on or to pre-register for ARATS exams, call Bill Klepser WB2AIV at 839-3525 or email wb2aiv@arrl.net.

PROS holds test sessions as needed at 585 North Star Road, East Aurora. For information, contact Pat Murray NW2I at 652-8178

## CONDOLENCES...

To the family of Dorothy Modzelewski who passed away January 29, 2010. Lovingly known as "The Barber's Wife", Dorothy was married to past STARS member (and long-time Financial Secretary) Frank Modzelewski WG2H and mom to Mark Modzelewski N2RSX.

To Anne Fanelli WI2G (and her family) on the passing of her mom at the age of 90 on January 31, 2010.

## MARCH SPECIAL EVENTS

**Mar 1-Mar 7, 1600Z-2100Z**, Arlington Heights, IL. Peace Corps Amateur Radio Club, KA9NLX. Celebrate the formation of the US Peace Corps. 146.52 10.133 7.283. Certificate. John Paskevicz, 1423 North Ridge Ave, Arlington Heights, IL 60004. 30 meters will be MT63 or Olivia. [jpaskev@aol.com](mailto:jpaskev@aol.com)

**Mar 11-Mar 15, 2000Z-1100Z**, Jupiter, FL. Amateur Radio Outdoor Adventures, K4T. Environmentally friendly activation of Dry Tortugas, NA-079. 14.260 14.040 7.180 7.030 SSB/CW 10 15 20 40 80 m; Satellite; 6 m. QSL. Via bureau, digital or direct: Zoli Pitman, HA1AG, Somogyi Bela ut 18, Gyor 9024, HUNGARY. Power will be provided by 12 solar panels and 8 batteries and, if approved, a 500 watt wind generator. [aroadventures.org](http://aroadventures.org)

**Mar 13, 1700Z-2359Z**, San Deigo, CA. USS Midway (CV 41) Museum Radio Operations Room, NI6IW. Medical Corps Birthday 1871 and Neil Armstrong making 7 orbits in Gemini 8 1966. SSB 14.320 7.250 CW 14.060 7.055 PSK-31 7.070 D -STAR 2m/70 SOCAL rpters. QSL. USS Midway Radio Room, 910 N Harbor Dr, San Diego, CA 92101-5811. [kk6fz@arrl.net](mailto:kk6fz@arrl.net)

**Mar 20, 1400Z-1900Z**, Azle, TX. Tri-County Amateur Radio Club, WC5C. 1<sup>st</sup> Activation Goat Island - United States Island. 28.350 21.350 14.250 7.250. QSL. David Johnson, KB5YLG, 820 Wood Ln, Azle, TX 76020. [wc5c@arrl.net](mailto:wc5c@arrl.net) or [www.wc5c.org](http://www.wc5c.org)

**Mar 27, 1300Z-1600Z**, Brampton, ON, Canada. Peel and Mississauga Amateur Radio Clubs, VE3XR. Ham-Ex Annual Hamfest. 14.265 7.260 3.750. QSL. Via bureau or direct to Jeff Richardson, VA3QSL, 36 Crawley Dr, Brampton, ON L6T 2S1, CANADA. [www.ham-ex.ca](http://www.ham-ex.ca)

## MARCH CONTESTS

ARS Spartan Sprint	0200Z-0400Z, Mar 2
AGCW YL-CW Party	1900Z-2100Z, Mar 2
ARRL Inter. DX Contest, SSB	0000Z, Mar 6 to 2400Z, Mar 7
Wake-Up! QRP Sprint	0600Z-0629Z, Mar 6 and
	0630Z-0659Z, Mar 6 and
	0700Z-0729Z, Mar 6 and
	0730Z-0800Z, Mar 6
UBA Spring Contest, CW	0700Z-1100Z, Mar 7
DARC 10-Meter Digital Contest	1100Z-1700Z, Mar 7
SARL Hamnet 40m Sim. Emerg Contest	1200Z-1400Z, Mar 7
CLARA HF Contest	1700Z, Mar 9 to 1700Z, Mar 10 and
	1700Z, Mar 13 to 1700Z, Mar 14
CWops Mini-CWT Test	1100Z-1200Z, Mar 10 and
	1900Z-2000Z, Mar 10 and
	0300Z-0400Z, Mar 11
RSGB Commonwealth Contest	1000Z, Mar 13 to 1000Z, Mar 14
AGCW QRP Contest	1400Z-2000Z, Mar 13
ARCI HF Grid Square Sprint	1500Z-1800Z, Mar 13
Feld Hell Sprint	1600Z-1800Z, Mar 13
EA PSK31 Contest	1600Z, Mar 13 to 1600Z, Mar 14
Elecraft QSO Party	1800Z, Mar 13 to 1800Z, Mar 14
SOC Marathon Sprint	1800Z-2400Z, Mar 13
Idaho QSO Party	1900Z, Mar 13 to 1900Z, Mar 14
North American Sprint, RTTY	0000Z-0400Z, Mar 14
SKCC Weekend Sprint	0000Z-2400Z, Mar 14
UBA Spring Contest, 6m	0700Z-1100Z, Mar 14
NSARA Contest	1100Z-1500Z, Mar 14 and
	1700Z-2100Z, Mar 14
Wisconsin QSO Party	1800Z, Mar 14 to 0100Z, Mar 15
NAQCC Straight Key/Bug Sprint	0030Z-0230Z, Mar 18
10-10 Int. Mobile Contest	0001Z-2359Z, Mar 20
BARTG HF RTTY Contest	0200Z, Mar 20 to 0200Z, Mar 22
SARL VHF/UHF Analogue Contest	1000Z, Mar 20 to 1000Z, Mar 21
Russian DX Contest	1200Z, Mar 20 to 1200Z, Mar 21
Oklahoma QSO Party	1300Z, Mar 20 to 0100Z, Mar 21 and
	1300Z-1900Z, Mar 21
AGCW VHF/UHF Contest	1400Z-1659Z, Mar 20 (144) and
	1700Z-1759Z, Mar 20 (432)
North Dakota QSO Party	1800Z, Mar 20 to 1800Z, Mar 21
Virginia QSO Party	1800Z, Mar 20 to 0100Z, Mar 22
9K 15-Meter Contest	1200Z-1600Z, Mar 21
Run for the Bacon QRP Contest	0100Z-0300Z, Mar 22
SKCC Sprint	0000Z-0200Z, Mar 24
CQ WW WPX Contest, SSB	0000Z, Mar 27 to 2359Z, Mar 28
UBA Spring Contest, 2m	0700Z-1100Z, Mar 28



### CLUB MEETINGS

Club meetings are held on the first Thursday of the month at 7:00PM at either the Hamburg Youth Center (Prospect and Hawkins Avenues) or the NIKE Base Clubhouse. Everyone is welcome. Board meetings are held on the fourth Thursday of the month at the Nike Base Club Station at 7:30PM and are open to all club members.

### CLUB NETS

STARS WB2EZU Memorial HF net meets at 10AM local time on Saturdays on 3.925 MHz +/- QRM. Bob Lehning WA2YSJ is usually the net controller.

STARS Sunday morning RagChew Net at 9:30AM on 28.380 Mhz.



## Amateur Radio Quiz: Blasts from the Past

By H. Ward Silver, NOAX, ARRL Contributing Editor

1. A flying animal graced the cover of this popular shack reference -- name the animal *and* the reference!
2. Which Amateur Radio vendor was owned by "Uncle Leo?"
3. Match the electronic "jobber" with the city.
 

a. Burstein-Applebee	e. Syosset
b. Lafayette Electronics	f. Kansas City
c. Butler Radio	g. Chicago
d. Cortland Radio	h. Los Angeles
4. Match the slang with the manufacturer:
 

a. Squawk Boxes	e. Drake
b. Hot Water	f. Heath
c. Twins	g. Gotham
d. Flash!	h. Gonset
5. Who manufactured the Super-Pro receiver? Hammarlund or Hallicrafters?
6. What was one of antenna manufacturer Mosley Electronics' first products?
 

a. receiver	c. keyer
b. transmitter	d. amplifier
7. Radio Row and the World Trade Center had what in common?
8. Name the manufacturer of the "Trans-Oceanic" and its most famous advertising slogan.
9. What type of equipment would have been manufactured by Brown Brothers?
 

a. headphones	c. microphone
b. keying paddle	d. SWR meter
10. What was the name of the E. F. Johnson amplifier based on the 4-400 tube?
 

a. Ultra	c. Bandsweeper
b. Thunderbolt	d. Annihilator
11. What were vacuum tubes called in RCA's classic design manual?
 

a. Radiotrons	c. Thyristors
b. Valves	d. Quasars
12. What type of components are these?

- |                |                 |
|----------------|-----------------|
| a. Brown Devil | d. Bread slicer |
| b. Orange Drop | e. Dog bone     |
| c. Nuvistor    | f. Nixie        |

13. The most widely modified surplus transmitter after World War was the ARC-\_\_\_\_\_.
 

a. 3	c. 9
b. 5	d. 11
14. Match the product names and types:
 

a. MICRO-TO	f. Receiver
b. Navigator	g. Transmitter
c. Cherokee	h. Amplifier
d. 75A4	i. Transmitter
e. Warrior	j. Keyer
15. What word added before "Ranger" would change it from a transmitter to a receiver?

**Bonus:** Where were Heathkits made?

### Solution to last month's puzzle

S	W	A	N		S	P	E	C		R	A	D	I	O				
S	A	B	A		C	O	I	L		E	G	E	S	T				
B	E	T	A		A	M	M	O		L	I	F	T	S				
					C	O	M	P	A	N	I	E	S					
					P	E	P	U	P		C	E	R	A	M	I	C	S
Z	I	P			T	E	N			D	O	S		N	O	W		
E	R	S	E		R	E	S			N	E	S	T	L	E			
N	A	I	R	A		T	I	C		S	T	O	L	E				
I	N	L	E	T	S		G	U	S		U	N	I	T				
T	H	O			B	O	X			T	E	C		E	N	S		
H	A	N	D	O	F	F	S			N	A	N	D	S				
					S	T	A	R	T	E	D	B	Y					
R	E	P	O	T		M	A	N	S		M	A	G	I				
S	T	E	N	O		R	C	V	D		P	E	E	N				
T	O	T	E	M		S	K	Y	E		H	A	M	S				

### Answers to this month's questions

1. c and g -- The "Flying Horse" is still the symbol for *Callbook* publications. 2. World Radio Labs and Leo Myerson, W0GFQ, were famous for the globe series of transmitters. 3. a-f, b-g, c-h, d-e -- These companies were the source of parts for the amateur home-brewer. 4. a-h, b-f, c-e, d-g, 5. Hammarlund 6. a -- the GM-1 was manufactured in the early 1960s. 7. Cortlandt Street in New York City. 8. Zenith -- "Where the quality goes in before the name goes on." 9. b -- Their attractive paddles and keys featured chrome hardware, distinctive red paddles and knobs, as well as a crinkle-finish black base. 10. b -- Even a version contained in a desk of the *The Radiotron Design Manual* was the bible of the electronics designer. 12. a -- resistor, b -- capacitor, c -- vacuum tube, d -- variable capacitor, e -- insulator, f -- numeric display 13. b -- The ARC-5s were cheap, abundant and easily modified to work on 40-meters -- they were everywhere! 14. a-j, b-g, c-i, d-f, e-h 15. Adding "Sky" would create the "Sky Ranger" -- a popular receiver made by Hallicrafters. **Bonus:** At home! The company was -- and is! -- located in Benton Harbor, Michigan.