



# SPURIOUS EMISSION

## ORLEANS COUNTY AMATEUR RADIO CLUB (OCARC)

14064 West County House Road  
Albion, New York 14411

### OCARC Newsletter March 2005 ORLEANS CO. AMATEUR RADIO CLUB

#### ORLEANS CO. AMATEUR RADIO CLUB 2-METER NET

WA2DQL repeater 144.67 MHz in/145.27 MHz out  
Every Tuesday night at 9:00PM We will be calling  
for officers first then anyone else that wishes to join  
in.

March 1	N2LVW	Liz
March 8	KC2JKU	Terry
March 15	KC2JKU	Terry
March 22	KB2LXD	Ted
March 29	KA2BCF	Dick
April 5	N2LVW	Liz

#### MISCELLANEOUS NETS

Gram (Genesee Radio Amateurs)  
Tuesday 7:30 p.m. 147.285 Tone 141.3

Lara (Lockport Amateur Radio Club)  
Sunday 8 p. m. 146.820  
Swapnet after regular net Sept- May

Stars (Southtown Amateur Radio Society)  
Saturday 10:00 a.m. 3.925 HF Net  
Tuesday 7 p.m. 147.090 Swap Net  
Wednesday 7 p.m.

#### OCARC BEST WISHES

#### ANNIVERSARIES

Jean N2MVB and Elton KB2AXK Seward - 03/15/1952  
Steven K2SNS and Sue Schrader - 03/17/1985

#### HAPPY BIRTHDAY

Thomas KE2XT Maier - 03/20  
Floyd (Rocky) KA2ZPQ Harris - 03/30

The Orleans County Amateur Radio Club (OCARC)  
meets at 7:30 p.m. on the 2nd Monday of the month at  
the Orleans County Emergency Management Office on  
West County House Road in Albion, New York.  
The next meeting will be March 14 , 2005. All are wel-  
come.

### **You are never fully dressed until you wear a smile**

#### March Meeting

Mr. Keith Freeberg N2BEL will speak at our meeting .  
He is with the Parks & Trails New York. He's in charge  
of the Erie Canal Bike Ride from Buffalo to Albany  
along the Canal. He is looking for ARES and/or RACES  
members to help out with this event. It sounds very inter-  
esting. I believe it will take place starting July 11th and it  
will be an 8 day event. We would only be involved for  
one or two days. They plan on spending the night in Med-  
ina. He will tell us more at the meeting. Thank you  
Marion(KA2BCE) for setting it up.

Refreshment for March are from David and Janet San-  
ford N2VPF and KB2RMO

### **Club Officers**

Pres	John Cheatham	KC2MHI	638-6031
V Pres.	Thomas Maier	KE2XT	
Secy.	Marion Toussaint	KA2BCE	798-0861
Treas.	Richard Toussaint	KA2BCF	798-0861
Dir.	Janet Sanford	KB2RMO	589-7212
Net Mgr.	Rocky Harris	KA2ZPQ	798-2132
News Ed.	Terry Cook	KC2JKU	589-6362

Looking for some Manuals for some old radios try here  
<http://www.vcomp.co.uk/manuals/manuals.htm> Sent in  
by David N2VPF

## JOKE OF THE MONTH

Literal-Minded

I was horrified to find my son eating out of the sugar bowl. "Don't let me catch you doing that again" I scolded. My boy was willing, but dubious. "I'll try, Mommy." he told me, "but you walk so quiet sometimes!."

**dubious**, wavering in opinion; doubtful; uncertain

## Amateur Radio V.E. Schedules for license exams in our area

ARAT's Club

First Saturday on each month. Contact: Vic Gadzik, K2YW, 716-694-9738

STARS Club

Contact: Terry Rochhold, K2OO, 716-656-0865

LARC Club

Every third Wednesday of the month. Contact: Pete Orendorf, AB2KG 716-662-0096

PROS Club

Third Saturday of each month. Contact: Pat Murray 716-652-8178

## If you want to feel rich, just count all the things money can't buy.

### **Carbon Monoxide Poisoning**

A Safety Tip from the Orleans County Emergency Management Office

Carbon monoxide poisoning is a silent, deadly killer claiming about 1,000 lives each year in the United States.

The colorless, odorless gas is produced by such common items as automotive exhaust, home heating systems and obstructed chimneys. The gas can also be produced by poorly vented generators, kerosene heaters, gas grills and other items used for cooking and heating when used improperly during the winter months. **NEVER** run generators indoors. Open a window slightly when using a kerosene heater. **NEVER** use charcoal to cook indoors. **NEVER** use a gas oven to heat your home. **SYMPTOMS** of carbon monoxide poisoning include sleepiness, headaches and dizziness.

*If you suspect carbon monoxide poisoning, ventilate the area and get to the hospital.*

<http://www.ocarc.us>  
The Club Website

### Why a License?

Amateur Radio is regulated by the Federal Communications Commission (FCC) under the Communications Act of 1934. It is also subject to numerous international agreements. All Amateur Radio operators must be licensed. In the U.S., there are three license classes. The higher the class of license, the more frequencies are available. Earning each higher class license requires passing a more difficult examination. Although regulated by the FCC, license exams are given by volunteer groups of Amateur Radio operators. Operating under organizations called Volunteer Examiner Coordinators, volunteers administer and grade tests and report results to the FCC, which then issues the license. U.S. licenses are good for 10 years before renewal, and anyone may hold one except a representative of a foreign government.

### License Restructuring:

In December 1999, after a lengthy, mandatory review of the Amateur Radio licensing system, the FCC issued major changes. Effective April 15, 2000, the number of license classes dropped from six to the current three. In addition, the new Morse code proficiency test, which is required to hold either of the two highest license classes, is set at five words-per-minute. Prior to restructuring, the requirement was 13 or 20 words-per-minute for the three highest license classes under the old system. The FCC issued these new regulations to streamline the licensing system and bring the Amateur Radio service into the digital age. While the new license system might not make it easier to get into Amateur Radio, licensed operators can move from the beginner to expert level more quickly.

### The Technician License:

The Technician class license is the entry-level license of choice for most new ham radio operators because it does not require a Morse code test. To earn the Technician license requires passing one examination totaling 35 questions on radio theory, regulations and operating practices. The license gives access to all Amateur Radio frequencies above 30 megahertz, allowing these licensees the ability to communicate locally and most often within North America.

### The General class license

The General class license grants some operating privileges on all Amateur Radio bands and all operating modes. This license opens the door to world-wide communications. Earning the General class license requires passing a 35 question examination. General class licensees must also have passed the Technician written examination and the five word-per-minute Morse code test.

### The Amateur Extra class license

The Amateur Extra class license conveys all available U.S. Amateur Radio operating privileges on all bands and all modes. Earning the license is more difficult; it requires passing a thorough 50 question examination. Extra class licensees must also have passed all previous license class written examinations, including the five word-per-minute Morse code test.

The Iludium Q-38 Crossword Randomizer and take a tour through all of the words that have produced past puzzles. Of course, the list is peppered with particularly potent picks to persistently pester the pencil-pushing pundit. Enjoy!  
 Solution next Month

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				32		33		
	34													
35					36		37		38		39		40	
				41									42	43
44			45				46			47		48		
		49				50			51		52		53	
54	55					56		57			58	59		
			60	61	62					63				
64				65					66				67	

## Across

1. Tube element from which electrons flow
5. What a repairman does to your busted rig
10. England is a part of this (abbr.)
11. Engineer that signs tower plans (abbr.)
12. Organization that sets international standards (abbr.)
13. Inverted OR
15. Rope used to lift through a pulley
17. Soft metal used for antenna (Chemical symbol)
19. What a tight guy wire is
20. Multiply these to get power
22. Abbreviation for power from light
24. Tube with four elements
26. Control that cuts off noise
28. Open wide and say this
29. State with coldest temperature outside Alaska (abbr.)
30. The result of poor knife technique
31. Bliss
34. All right
35. Joules per coulomb
36. Resistance to ac current
41. Common propagation mode on 6-meters (abbr.)
42. Inductive reactance (abbr.)
44. Telephone (abbr.)
46. Current's relationship to voltage in an inductive circuit
48. The agency that approves towers over 200'
49. Maker of radios with the DJ model prefix
51. Business that provides Internet access (abbr.)
53. Greek letter than represents transconductance
54. What is!
56. Leave out
58. Wrong type of solder flux
60. What gets signals from here to there
64. Stop transmitting
65. Latter half of signal reports
66. Connection between computers (abbr.)
67. Simple (CW abbr.)

## Down

1. Competitive radio event
2. Tightens up guy wires
3. South American country closest to HP
4. A piece of gear that doesn't work when you unpack it (abbr.)
5. Imaginary resistance
6. Picture signal
7. Source current (abbr.)
8. Big shortwave station started in Ohio
9. Continent for Zones 9 through 13 (abbr.)
11. Host country for WRTC-2006 (prefix)
14. Northern neighbor to Slovenia (prefix)
15. .... & welfare traffic
16. Lightest metal, used in batteries
18. Between QRP and QRO (abbr.)
21. A new thought
23. These grow up a tower
25. Greek letter that is the symbol for resistivity (not resistance)
27. Continent of Zones 14, 15, and 16
29. Net control (abbr.)
32. Another name for phono jack
33. Set of rules for electrical designs (abbr.)
34. An appointed station that observes operating (abbr.)
35. Authorized and current
36. Predecessor to DSL service (abbr.)
37. Best known maker of noise bridges
38. Signal consisting of bits
39. A micro-millimeter (abbr.)
40. Test or measure
43. Congratulate a winner
45. Snip
47. A contest or a stain-resistant metal (abbr.)
50. One who enforces
52. Caused by RF burns
55. Logic function denoting "either but not both"
57. Grid current (abbr.)
59. Makes a magnet with aluminum and nickel (chemical symbol)
61. First half of signal report
62. A long-time ham (CW abbr.)
63. The country also served at dinner (prefix)