



QSX



Volume VXI Issue 10
Editor: Howard; KC2OJO

December 2009

Holiday Party Time

It's Holiday Party Time at the December 10th meeting. The good food, drinks, and friendly conversation customary at the Holiday Party will again be available to members and their families.

During the first part of the General Meeting the officers for 2010 and three directors of the Larkfield ARC Executive Board will be formally voted on. We will be also be collecting annual dues and discussing other matters of interest to the club members.

Prior to the meeting, between 7:00 and 7:30PM the Larkfield ARC Executive Board will hold their monthly meeting and all members are welcome to sit in on this meeting.

Informal Minutes of the November 12th Meeting

The meeting started at 7:47PM. 14 members, constituting a quorum, were present including 2 directors and Officers, Roger W2GLE and Ed KC2E.

The reading of the minutes of the October 6th meeting was waived since the minutes had appeared in the November edition of QSX.

Roger W2GLE reported on the funds available to the club and Howard KC2OJO reported on the QSX Newsletter, the Web Site and the Larkfield Reflector.

QSX was posted to the Larkfield web site and sent out via the Larkfield Reflector on October 25th. The printed version was mailed by Richard Gong on October 27. Members who had notified Larry N2BKJ of their desire to switch to electronic delivery and be removed from the mailing list were put onto the Larkfield

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Reflector (if not already signed up) so that they could get their copy on the first day it was available. It was reported that the web site had some broken links due to ICOM moving or removing data from their web site. The links will be replaced or moved. We still need stories and pictures from the members to add to the coming editions of QSX and to add to the Larkfield web site.

Larry, N2BKJ reported on the membership; it currently totals 96.

Arnold, N2PLS Reported that a card had been sent out to Gary K2TVN who was recovering from surgery.

Ed KC2E gave the VE report and listed the members who had been contributing throughout the year. The list appears below.

The day timers and night timers reports indicated that the usual day timers attendance is about 6 and the night timers attendance varies between about 3 and 7.

Matt N2RBP volunteered to arrange for the food and drink for the Holiday Party at the December 10th meeting. Neil KC2TAF agreed to help with the transportation. Howard KC2OJO volunteered to bring coffee and donuts.

Candidates for the Larkfield Executive Board are currently Gary K2TVN, Danny KC2TFS and Fred K2LDC. Candidates for the Treasurer and Secretary are Roger W2GLE and Howard KC2OJO, respectively.

ANNUAL COW HARBOR 10 K RACE

On September 26, 2009 members of the Larkfield ARC Club provided radio communications for the Cow Harbor 10 K Race in Northport. All the participants did an outstanding job and were complemented for their dedication and professionalism. Everything went smoothly, with updates on the runner's progress coming from the various mile posts with progress reported to the finish line. Fortunately there were no reports of injuries or runners needing medical attention.

I would like to thank the following operators who took part in this years event: Peter, WB2PAA; Jim, WB2ZBY; Paul, N2PVS; Howard, KC2OJO; Mel, K2MC; Matt, N2RBP; Stan, W2SCB; Chuck, N2JIY; Larry, N2BKJ; Donald, AB2BN; Marc, K2REX; Harriet, N2LML; Gary, K2TVN; Tom, N2XTE; Bruno, KC2ESI; Vic, WA2ARQ; and Ed, KC2E.

All the operators did a outstanding job and their services are greatly appreciated.

Submitted by Ed KC2E

VOLUNTEER EXAMINERS LIST FOR 2009

Larry	N2BKJ
Stan	N2YKT
Art	K2NQ
Peter	WB2PAA
Vic	WA2ARQ
Howard	KC2OJO
Gary	K2TVN

Submitted by Team Liaison Ed KC2E

The last part of the meeting was devoted to a long discussion about security concerns regarding the publishing of members birthdays in each month's issue of QSX and the listing of email addresses in the club roster. It was decided that these were issues that should be addressed by the Larkfield Executive Board.

The meeting adjourned at 8:43 PM

What's the Larkfield Reflector and How Do I Use It?

The Larkfield Reflector is one of the three special ways that Larkfield ARC members may communicate with each other. You may be more familiar with the other two, our monthly newsletter, QSX, and our web site at www.larkfield.org. Let's start by first describing the other two.

Of the three communication methods set up by the club, the easiest to use is our monthly newsletter, QSX. It provides only one-way communication but since it can be sent via U.S. Mail it's use can be completely effortless. The main disadvantages of the mailed version of QSX is that it is only printed in black and white and that starting in January 2010 there will be an additional \$5.00 yearly cost to members that elect to receive it by mail. One disadvantage of QSX is that it is only published monthly; a lot can happen between issues. While on the topic of QSX, it should be remembered that members must submit articles to be published in QSX if it is to be a real asset to the club. It's most important function is to let members know what other members are doing!

Members that have a computer with web browser software that includes a plug-in or interface for Adobe Acrobat Reader (such as Internet Explorer or Firefox) can always get any of the three most recent issues of QSX (in color) via Larkfield's web site at www.larkfield.org. The links to the last three issues are about halfway down the column on the left side of the home (first) page. Upon clicking on one of the three links the chosen issue will be visible in full color and members with a printer can print the newsletter if they wish.

The Larkfield web site is also a means of two way communications for members. Most members use it for it's great selection of links to amateur radio infor-

mation and to keep up with what's happening in the club. However, stories may be posted to the web site by any of our members and those stories are usually the most interesting to our members. The easiest way to submit a story is to write the text in MS Word or Open Office Writer and send it as an attachment in an email to larkfieldarc@gmail.com.

Feel free to incorporate pictures within the attached file or as separate attachments. The edited and formatted story will be posted on the web site and/or QSX.

The Larkfield Reflector is a two way communications means with instant gratification. Anything sent to the Reflector by a registered member is automatically emailed to all of the other members. Want to sell some used ham equipment? Want to find out if one of the Larkfield members has a spare part you need? Want to let everyone know about a great buy available on the Internet? Just send out a quick email to reflector@larkfield.org and all of the (approximately 80) members will see your message. Another benefit of being registered with the Larkfield Reflector is that you will receive a link to QSX on the day it is released. One click and you can see or print the latest issue, in color. Also, via the Larkfield Reflector you will be kept up to date on the various Hamfests and events run by other ham radio clubs, not just those associated with the Larkfield ARC.

So how do you become a registered member of the Larkfield Reflector? It's really easy. Just send an email to larkfieldarc@gmail.com requesting that you be added to the reflector. Provided that you are a club member, you will be registered and receive notification via a message from the Reflector.

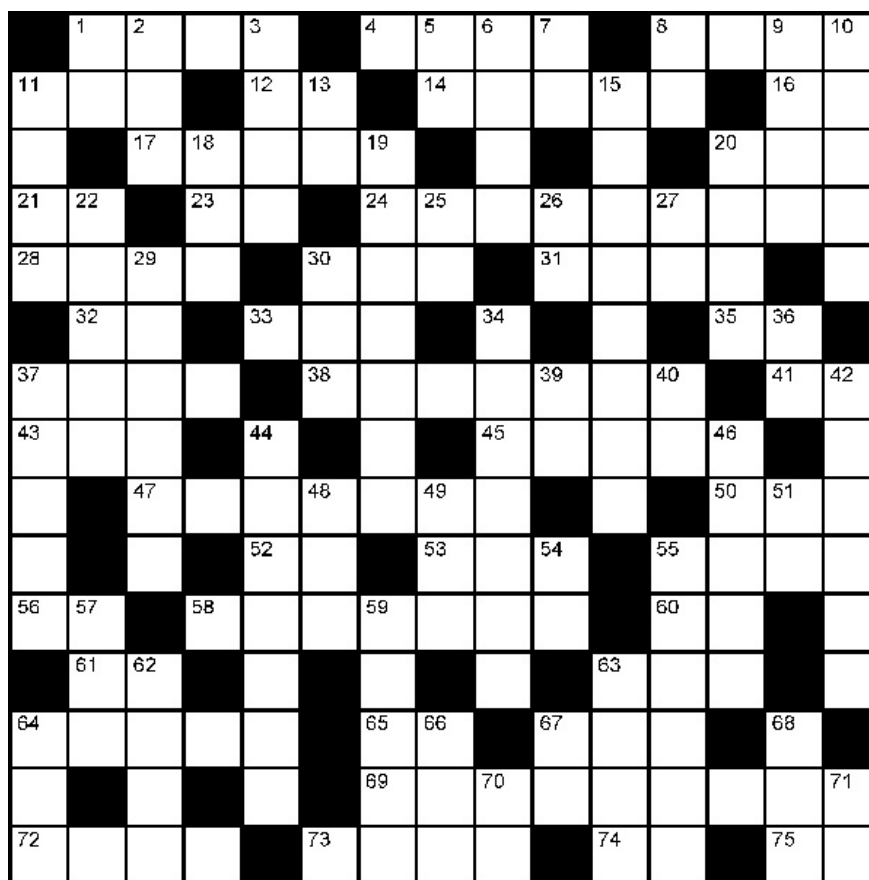
No reason to wait! If you are not already registered, sign up now.

The Amateur Radio Crossword Puzzler

The Bits and Pieces

By H. Ward Silver, N0AX
June 08, 2007

Quick! What's inside all that gear you have in the shack? Smoke? Well, sorta, but no - that's not it, try again, I'll wait...right! Electronics! And so, too, is the topic of our puzzle this week. No, not inside your gear! The topic is electronics - things to do with and of the bits and pieces that make our radios go. And there's a little Field Day fun sprinkled in there, too. Have fun!



Across

- 1. Two-terminal thyristor
- 4. Radio parameter measured by length
- 8. Exam or puzzle
- 11. Room of iniquity
- 12. Functional
- 14. Find the answer
- 16. Direction of Japan from Europe
- 17. Bidirectional thyristor
- 20. To be victorious
- 21. A megananoamp (abbr)
- 23. Safety lab (abbr)
- 24. What dc does not do
- 28. Protective component that melts
- 30. By the way (abbr)
- 31. Unit of power
- 32. How AM BC signals travel by day (abbr)
- 33. Express of disdain for ignorance
- 35. Another abbreviation for 11 Down
- 37. Slang for integrated circuit
- 38. Impurities added to semiconductors
- 41. Another abbreviation for CTCSS
- 43. Original US long-distance telephone company
- 45. Propagation via the atmosphere

- 47. Movement of charge
- 50. Cause a program to execute
- 52. Prefix of an Iberian country
- 53. Affirmative
- 55. Most common ac shape
- 56. Slow-to-corrode metal (abbr)
- 58. Popular vehicles at Field Day
- 60. Output power (abbr)
- 61. Load current (abbr)
- 63. Add 'I' to get a word that means "skinny"
- 64. What 'O' in MOS stands for
- 65. Weight (abbr)
- 67. Wrote quotes from ravens
- 69. What moves in wires
- 72. Come together
- 73. Long sparks
- 74. Designer of electronic stuff
- 75. Radiotelephone (abbr)

Down

- 1. CW for "from"
- 2. Interrupt or Internal (abbr)
- 3. What an inductor looks like
- 5. CW prosign for "stand by"
- 6. Unit of potential
- 7. Material that gives off light when electrically stimulated (abbr)
- 8. Initials of the ship that was once the largest passenger liner ever built
- 9. To start in a known state (abbr)
- 10. Type of diode used for its reverse breakdowns
- 11. Telephone dialing tones (abbr)
- 13. Only stations from this continent may participate in ARRL Field Day
- 15. Diode used as a variable capacitor
- 18. Regret
- 19. Diode electrode noted by the bar marking
- 20. Person that invented the steam engine
- 22. Another word for "zero"
- 25. Broadcast band below AM BC (abbr)
- 26. Which way to orient a dipole for directivity north and south (abbr)
- 27. Early version of the Windows operating system
- 29. Component that's closed or open
- 30. Manufacturer of Miniboxes
- 34. Chemical producer of electrical energy
- 36. Critical to Field Day success (abbr)
- 37. These are heard in a pileup

- 39. Number (abbr)
- 40. Opposite direction of LP (abbr)
- 42. Amplifier type needed for AM signals
- 44. Protective component that opens
- 46. Top of the line Ten-Tec HF rig
- 48. Volatile memory type
- 49. Manufacturer of keys
- 51. In "balun", means "unbalanced"
- 54. November contest (abbr)
- 55. A ball-shaped object
- 57. The magic band's meters
- 59. Makes things go
- 62. Voltage on the ac grid
- 63. Haul or carry
- 64. Unit of resistance
- 66. Repair and maintain with care
- 67. Computer (abbr)
- 68. Type of bipolar transistor
- 70. CW for "and"
- 71. What the librarian say

Answer to last crossword puzzle.

1	A	2	C	3	R	4	A	5	D	6	I	7	U	8	S	9	W	10	E	11	L	12	D	
M	13	O	14	K	15	I	X	16	T	17	P	18	I	19	H	20	R	21	A	22	G	23	R	
17	B	18	O	19	X	20	I	21	D	22	L	23	E	24	E	25	D	26	B	27	I	28	A	
20	A	21	B	22	O	23	D	24	D	25	A	26	N	27	T	28	S	29	R	30	U	31	N	
25	N	26	I	27	C	28	K	29	Y	30	E	31	T	32	C	33	K	34	F	35	D	36	A	
D	37	R	38	C	39	Z	40	C	41	H	42	E	43	W	44	G	45	S	46	H	47	I	E	
34	S	35	H	36	I	37	E	38	L	39	D	40	A	41	U	42	W	43	I	44	R	45	S	
41	O	42	M	43	G	44	R	45	I	46	N	47	C	48	N	49	O	50	T	51	A	52	P	
45	T	46	A	47	P	48	E	49	I	50	T	51	L	52	A	53	D	54	D	55	E	56	R	
E	57	E	58	S	59	P	60	L	61	I	62	C	63	E	64	O	65	N	66	A	67	52	C	
52	C	53	F	54	R	55	O	56	A	57	O	58	A	59	W	60	R	61	A	62	P	63	53	F
A	64	A	65	P	66	L	67	U	68	M	69	B	70	E	71	R	72	S	73	O	74	64	A	
61	D	62	I	63	M	64	I	65	S	66	P	67	D	68	L	69	U	70	L	71	L	72	65	I
66	B	67	R	68	A	69	I	70	D	71	S	72	N	73	C	74	O	75	I	76	L	77	66	B
76	B	77	R	78	A	79	I	80	D	81	S	82	N	83	C	84	O	85	I	86	L	87	88	76

The K7RA Solar Update

Sunspot 1029 made its trip around the Sun and has re-emerged as sunspot 1032. A new sunspot 1033 has come over the Sun's eastern limb. This steady appearance of sunspots has raised the MUF over many paths, and 15 meters is beginning to open regularly.

Sunspot activity also seems to be increasing steadily of late. Daily sunspot numbers for November 5-19 were 15, 16, 11, 0, 14, 13, 11, 11, 0, 0, 11, 12, 0, 29 and 30. Sunspot numbers for November 12-18 were 11, 0, 0, 11, 12, 0 and 29 with a mean of 9. The 10.7 cm flux

was 73.2, 74.1, 74.8, 75.1, 76.2, 77.2 and 76.1 with a mean of 75.2. The estimated planetary A indices were 1, 2, 5, 4, 1, 1 and 2 with a mean of 2.3. The estimated mid-latitude A indices were 0, 2, 3, 3, 0, 0 and 2 with a mean of 1.4. The predicted solar flux for the near term is 78 for November 20-21, 80 for November 22-26 and 70 on into early December.

Courtesy of ARRL

Members of the Larkfield Amateur Radio Club are invited to use the W2RGM Repeater System:

2 meters

147.075 MHz out/147.675 MHz in
1.25 meters

224.560 MHz out 222.960 MHz in
70 centimeters

448.525 MHz out 443.525 MHz in
114.8 Hz PL

These machines are linked cross band also

448.500 MHz out 443.500 MHz in
448.475 MHz out 443.475 MHz in

The Larkfield Amateur Radio Club Operates: WR2ABA HUNTINGTON REPEATERS

2 meters

147.210 MHz out/147.810 MHz in
4z/136.5 Hz PL

Linked cross-band with
70 centimeters

448.675 MHz out/443.675 MHz in
114.8 Hz PL

See Packet Stations on page 7

W2LRC SMITHTOWN REPEATERS

2 meters

145.430 MHz out/144.830 MHz in
4z/136.5 Hz PL

1.25 meters

224.620 MHz out/223.020 MHz in

70 centimeters

448.425 MHz out/443.425 MHz in
These 3 repeaters are linked cross band

Ham Radio University 2010

Sunday, January 10, 2010

Briarcliffe College

1055 Stewart Ave

Bethpage, NY 11714

Spreading Ham Radio Knowledge and Know How

"A day of education to share ideas, experiences, knowledge and fellowship among Amateur Radio operators"

Keynote Speaker

Steve Ford WB8IMY

Editor of QST Magazine

The Larkfield Amateur Radio Club

Affiliated with the American Radio Relay League

Officers (one year terms)

President open
 Vice-president open
 Secretary open
 Treasurer Roger Rapp W2GLE (2009)

General Directors (two year terms)

Ed Ebert KC2E (2009-2010)
 Pat McPartland WS2A (2009-2010)
 Chuck Hartley N2JIY (2009-2010)
 Bruno Gentile KC2ESI (2008-2009)
 Evan McPartland KC2NRB (2008-2009)
 WA2PNU Station Trustee Roger Rapp W2GLE
 WR2ABA Station Trustee Roger Rapp W2GLE
 W2LRC Station Trustee Roger Rapp W2GLE

LARC Birthday List

Call	Name	Birthday
AB2BN	Donald R. Clarke	12/24
KC2LTX	Robert Del Gatto	12/13
K2JX	Jack Fisher	12/21
KC2TON	Richard Johnston	12/24
N2WMX	Dave Lindner	12/25
W2EH	Bruce Schaarschmidt	12/20
WA2WNY	Richard Yabsley	12/29

Total: 7

If you are reading this on a computer let us know so that we may take you off the mailing list. The latest QSX is always available through a link sent out monthly via the Reflector or anytime you visit the club's website at www.larkfield.org.

Packet Radio Assignment

WA2PNU (0-15)	145.070	BBS; FlexNet Gateway
WA2PNU-4	145.070	Local area PBBS
W2SWR-1	144.090	Keyboard
KB2JOE-4	144.070	Mailbox
KC2UCD (0-7)	144.900	BBS; FlexNet Gateway
KC2UCD-2 *	144.900	Digi and Keybd SMTARES
KC2UCD-9 *	144.900	SMTARES Mailbox
KC2UCD-10*	145.900	Winlink RMS Portal
KC2CD-15*	144.900	Digi; Keybd; Smithwn EOC

* Will QSY to 144.93 in the near future

General Meeting

January 8, 2009	June 11, 2009
February 5, 2009*	September 10, 2009
March 12, 2009	October 8, 2009
April 2, 2009*	November 12, 2009
May 14, 2009	December 10, 2009

Board Meeting

January 29, 2009	August 27, 2009
February 26, 2009	September 24, 2009
March 26, 2009	October 8, 2009
April 30, 2009	November 12, 2009
May 28, 2009	December 10, 2009
June 25, 2009	

GOOD AND WELFARE

Attention members: Our Good and Welfare Chairperson is Helene Lazarus (XYL of Arnie N2PLS). Please inform her (499-2837) of news about club members so she may make submissions to this publication.

ARES/RACES NET

Attention to all members: The weekly ARES/RACES net is active, meeting every Monday evening at 2030 on 147.210. Check in with our net control, John Allocca WB2LUA, to learn of any ARES/RACES news and to help maintain your proficiency in emergency communications procedures.

**VE SESSION SATURDAY DEC 5th
HUNTINGTON TOWN HALL
100 MAIN ST., ROOM 114
WALK-Ins WELCOME**

Team Liaison is Ed KC2E. Contact is Stan N2YKT. Fee is \$15. All elements will be offered and exams start at 9:00AM.

Must have 2 forms of ID, one of which includes a photo. If upgrading, bring an original and a copy of your license and an original of any CSCEs.

**Next General meeting will be on Thursday,
December 10th at 7:30PM**

**Next Executive Board meeting will be on
Thursday December 10th at 7:00 PM**

2010 DUES SCHEDULE

Regular Membership: \$25.00

Extra Family Member - Same Address: \$6.25

Senior Membership, 65+: \$18.75

Student Membership: \$6.25

Living Outside Club's Operating Sphere: \$6.25

PLUS \$5.00 TO GET QSX VIA U.S. MAIL

**Make your check payable to:
Larkfield Amateur Radio Club Inc.**

**And Mail to:
Larkfield Amateur Radio Club Inc.
PO Box 1450
Huntington, NY 11743**

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