
SIGNALS

Rockwell
Collins **Amateur Radio Club**

Monthly Newsletter of the

Volume 30 Issue 10

Web Site <http://www.w5rok.us>

July 2009

RCARC
Membership Meeting
 Thursday, 23 July 2009
 1700 Social 1730 Meeting
 Rockwell Collins Building 462
 Temple Conference Room

**Subject: Ham Radio Deluxe v5.0 Beta and
 Station Remoting**

other members active in the Club The RCARC needs you. Can you help?

Make your interest known to the leadership now and help your club. There is plenty of lead time until the election this fall. When the nomination committee members call on you, respond—positively, please.

Bring Your Child to Work Day. Our Rockwell Collins Amateur Radio club hosted over 40 children. A number of the children were provided with an opportunity to make a radio contact from our company club station under the supervision of a control operator.

The club station was supported by the following club members:

- Bob Diepenbrock, KC4UAI
- Ross Terry, K5SRT
- Charles Samuel, K7NWM

Remote operators speaking to these kids included club members:

- Bob Kirby, K3NT
- John McFadden, K5TIP
- Charles Samuel, K7NWM
- Ross Terry, K5SRT

ICOM America kindly provided our company with 150 Amateur Radio comic books, calendars and stickers for this event.

Our company marking department added a RCARC application to each of the books. (Thank You!)

We received many positive & happy comments from the kids receiving these items.

Our open radio club demonstrations provided an additional welcomed educational venue for the kids visit to Rockwell Collins.

Perhaps we were able to spark some interest in science & technology and Rockwell Collins in some of these children.

From all indications, the operation was a success. Thanks to everyone involved.

Jamboree On The Air. Be sure to read the announcement on page 4 of this newsletter about the upcoming Jamboree On The Air (JOTA) that is being hosted by the Irving club for the Circle 10 Council of the Boy Scouts of America. This is an opportunity for our club to help reach many young men with the hobby of amateur radio. Not only is this fun and interesting for scouts, but it is a way to get youth interested in ham radio.

Local Club News

Meeting Notice At this month's meeting Bob Diepenbrock, KC4UAI, will be demonstrating Ham Radio Deluxe version 5.0 beta. Also, we will be brought up-to-date on the club's progress in providing remote control of the station equipment.

Club Meeting Talk-In Each month, on the night of the membership meeting we have a Talk-In on the club repeater. The Talk-In this month is 1630 to 1700 hours, prior to the meeting.

June VHF Contest Results. W5ROK operated in the June VHF Contest. A total of 550 contacts were made. Here is the breakdown:

BAND	CW	SSB	FM	QSOs	GRIDS
50 MHz	61	424	0	485	142
144 MHz	2	37	1	40	18
432 MHz	3	20	0	23	11
1.2 GHz	1	1	0	2	2
TOTAL	67	482	1	550	173

Many thanks to Dennis Cobb, WA8ZBT.

Officer Elections Soon. Our officers are asking all members to consider placing their names in nomination for the 2010 Officer Slate. The current officers would like to see more involvement of others in the leadership, and some can not serve another year. Current and some past officers have taken on other duties in addition to their officer roles for the RCARC. Some have served multiple terms. They cannot keep doing this. So—here is your chance to make a difference: please volunteer to run for President, Vice President, Secretary, Activities Chair or Treasurer. You are guaranteed to get help from the past officers and

RCARC OFFICERS

PRESIDENT Bob Kirby 319.360.0500 k3nt@arrl.net	K3NT	VICE-PRESIDENT Ross Terry 972.705.3667 k5srt@arrl.net	K5SRT
SECRETARY Dwight Ramsey 972.705.1841 suhermano@tx.rr.com	KE5SAS	TREASURER Bob Diepenbrock 972.705.1461 Kc4uai@gmail.com	KC4UAI
ACTIVITIES CHAIRMAN OPEN		WEBSITE MANAGER Wayne Hughes 972.705.1406 wa0tgh@arrl.net	WA0TGH 461-258
STATION TRUSTEE Steve Phillips 972.517.3332 k6jt@arrl.net	K6JT	NEWSLETTER EDITOR Jim Skinner 214.535.5264 wb0uni@arrl.net	WB0UNI
CLUB STATION 972.705.1349		W5ROK 461-290	

VE SESSIONS

Dallas tests are held 4th Sat of each month at 10:00. 13350 Floyd Rd. (Old Credit Union) Contact Bob West, WA8YCD (972) 917-6362

Irving tests are held 3rd Sat. of each month at 09:00. 5th and Main St. Contact Bill Revis, KF5BL 252-8015

McKinney VE test sessions are held at the Heard Museum the first Sunday of the month. The address is 1 Nature Place, McKinney TX. The time of the testing is 14:30, ending no later than 16:45. **Note: no tests given on holiday weekends.**

Garland testing is held on the fourth Thursday of each month, excluding November, and begins at 1930 sharp. Location is Freeman Heights Baptist Church, 1120 N Garland Ave, Garland (between W Walnut and Buckingham Rd). Enter via the north driveway. A HUGE parking lot is located behind the church. Both the parking lot and the Fellowship Hall are located on the east side of the church building, with big signs by the entrance door. Contact Bill Reynolds, K8DNE, 972-475-3854.

Plano testing is on the third Saturday of each month, 1300 hrs at Williams High School, 1717 17th St. East Plano. Check Repeater 147.180+ for announcements.

Greenville testing is on the Saturday after 3rd Thursday, 1000 hrs at site TBA, contact N5KA, 903.364.5306. Sponsor is Sabine Valley ARA. Repeater 146.780(-) with 118.8 tone.

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President's Message

ARRL Field Day, Rockwell Collins Bring your Child to work Day, working our HF interference issues, Vhf contests, working to clean the station, our RF remote project along with many hours on our jobs have made this past month very busy for RCARC members.

Field Day was very special this year with many members in attendance both operating and enjoying the club dinner at the plant. We had three stations on the air with participation from both young and mature operators.

The club was a key participant in providing an opportunity for the kids attending the 2009 company bring your child to work day. Jim may have my extended report in this newsletter that we were able to expose about 25% of those attending to amateur radio. ICOM America kindly provided over 150 radio theme comic books and calendars. Thanks ICOM! Each of these was stamped with our club information along with a RCARC application.

Remote operation of our W5ROK HF station is now one step closer with the installation of a 2.5Ghz link, beam antenna and amplifier, LMR 400 coax on the HF tower. We also interfaced the Ham Radio Deluxe program to the Ft-2000, K3 and TS-2000. Bob, KC4UAI, will be speaking about this program at our monthly meeting.

Our W5ROK Repeater on 441.875 is working well. Last Saturday morning I had a very enjoyable rather long conversation with a station up in Sherman, TX. He was full quieting into our repeater the whole QSO.

Our club is now working with facilities to resolve the HF interference to our HF station. The company that makes the Air Handler controller has suggested installation of their RFI filter.

Selected RCARC June 2009 Activities:

- RCARC Field Day –Dennis Cobb, WA8ZBT, Bob Diepenbrock, KC4UAI; Hernando Garcia - Vasquez KC5FDW; Dave Jakska W0VX,
- Bob Kirby, K3NT; Liz McFadden, K5LIZ, John McFadden, K5TIP; Sidney Ross Terry, K5SRT & daughter ; Steve Phillips, K6JT & father, Joe Wolf, N5UIC
- Vice President Report – Sidney Ross Terry, K5SRT
- W5ROK VHF contest operation.- Dennis Cobb, WA8ZBT
- Meeting Refreshments Setup Volunteer – Jim Skinner, WB0UNI
- RCARC Roster/Database/Applications/Marketing – Joe Wolf, N5UIC
- New RCARC Intro Flyer - Sidney Ross Terry, K5SRT
- Station Tour - Bob Kirby, K3NT, Dennis Cobb, WA8ZBT
- RCARC Digital project - Bob Diepenbrock, KC4UAI; Bob Kirby, K3NT
- Yet Another Great SIGNALS Newsletter – Jim Skinner, WB0UNI
- Treasurers Report – Robert Diepenbrock, KC4UAI

- Club Librarian - Stephanie Keese, AC5NF
- Website Updates - Wayne Hughes, WA0TGH
- June Program –RCARC Attending Members
- Secretary Report –Dwight Ramsey, KE5SAS
- Station Trustee – Steve Phillips, K6JT

Enjoy your Radio Hobby, support your local club & Best Regards (73),

Bob Kirby, K3NT
K3nt@arri.net
<http://w5rok.us>

Secretary's Report

Bob Kirby, K3NT, opened the meeting at 1730 (June 25, 2009), in the Temple Conference Room with the Pledge of Allegiance. Present at the meeting were:

Dennis Cobb	WA8ZBT	Bob Diepenbrock	KC4UAI
Robert Kirby	K3NT	John McFadden	K5TIP
Steve Phillips	K6JT	Jim Skinner	WB0UNI
Ross Terry	K5SRT	Joseph Wolf	N5UIC

1. Officer Reports

- a. **President's Report:** Bob K3NT stressed that it would soon be time for new elections and stated that he would be sending out an email to all members encouraging them to support the club by running for office. He also noted that Dennis Cobb, WA8ZBT, and his wife Kathy have installed a director on the 40 meter beam antenna.
- b. **Vice-President's Report:** Ross Terry K5SRT reminded everyone that it was time to make final arrangements for Field Day. It was agreed that it would receive full treatment during the meeting.
- c. **Secretary's Report:** There was no Secretary's report.
- d. **Treasurers Report:** Jim Gaston KD5GYD, has transferred all files and documents to the new Treasurer, Bob Diepenbrock KC4UAI, There was no Treasurer's Report, however, since the transfer had just taken place.
- e. **Station Trustee's Report:** There was no Station Trustee's report.
- f. **Activities Chairman Report:** There was no Activities Chairman report, as the Activities Chairman is currently unfilled.

2. Old Business

- a. There was no old business to discuss.

3. New Business

- a. **Field Day Preparation:** Ross Terry, K5SRT, stated that the logging program is ready and fully operational. Joe Wolf, N5UIC, informed the club that he has requested the use of the company's portable generator and fuel. He also accepted the action to request Facilities to keep the lights on in the radio room area. It was agreed that dinner would be provided free for members and available at a \$5.00 charge for non-member guests. Cindy Kirby has volunteered to provide some snack sandwiches, Liz McFadden will make a cobbler, and all are encouraged to bring other snacks for those who are operating late.

- b. **Storage Space:** Facilities has agreed to provide space in the Engineering Build area to store the club's metal cabinet. It will need a hasp and lock.
- c. **Life Member:** In recognition of his outstanding and extensive service to the club, Bob Kirby, K3NT, made a motion that Dennis Cobb, WA8ZBT, be awarded a life membership. James Skinner, WB0UNI, seconded the motion and it passed unanimously.
- d. **Christmas Party:** Discussion ensued concerning the possibility of a Christmas party this year to provide an opportunity for members and their families to have a time of fellowship. Bob Kirby, K3NT, agreed to initiate the organization of the event.

Following the business meeting, the attendees assembled in the radio room to empty the metal cabinet and remove it from the "hole" it was in so Facilities can move it. Some initial preparation was also made for the Field Day setup.

Events and Public Service Ops

1-2 August 2009: ARRL UHF Contest The object of this event is to work as many amateur stations in as many 2 degrees by 1 degrees grid squares as possible using authorized amateur frequencies above 222 MHz and all authorized modes of emission. **Date and Contest Period:** First full weekend of August. Begins 1800 UTC Saturday, ends 1800 UTC Sunday (**August 1-2, 2009**). Entrants may use as much of this time as they wish. More info at <http://www.arri.org/contests/rules/2009/uhf.html>

15-16 August 2009: ARRL 10 GHz and Up Contest The object of this event is for North American amateurs to work as many amateur stations in as many different locations as possible in North America on bands from 10-GHz through Light. **Date and Contest Period:** Third full weekend of August. The dates are **August 15-16, 2009**. Operations may take place for 24 hours total on each contest weekend. Each weekend begins at 6:00 AM local Saturday though 12:00 midnight local Sunday. Listening times counts as operating time. Times off must be clearly indicated in the log More info at <http://www.arri.org/contests/rules/2009/10-GHz.html>

Radio Operator Plates. You already took the first step by becoming an FCC license public servant as an Amateur Radio Operator, but have you ever considered taking the next step of letting others know you are around (as if the antennas doesn't give you away). In the great state of Texas you can get \$2 public servant tags for each of your vehicles (plus your regular tag cost).

Only issue I've seen on the custom plates is trying to explain things to the Toll Tag people because you can not update your profile online like they expect (it was fixed by a phone call).

You should consider promoting Amateur Radio while sporting your call sign and should the need arrive you're ready to be called into action. For more specific rules and details see: <http://rts.texasonline.state.tx.us/NASApp/txdotrts/SpecialPlateOrderServlet?gpid=80&pltid=132>. (Contributed by Ross, K5SRT)



Irving Amateur Radio Club, Inc.

PO Box 153333
Irving, TX 75015-3333
<http://www.irvingarc.org>



July 10, 2009

To all North Texas amateurs,

The youth of this generation are the future of amateur radio. Scout organizations around the world have banded together to provide a marvelous opportunity to showcase amateur radio to the scouting community. October 17, 2009 marks the start of the 52nd **Jamboree on the Air**, a day for scouts from all over to communicate via amateur radio.

In North Texas, the Circle Ten Council International Committee has asked the Irving Amateur Radio Club to help them put on a showcase JOTA event at the National Scouting Museum here in Irving. We are planning to operate six stations spanning HF phone and digital modes; VHF/UHF with IRLP and Echolink; and satellite contacts. There are also plans to offer a Radio Merit Badge course at the event as well. Circle 10 will be heavily promoting this event to all the scout groups in it's service area and will be offering free food for all as well as free admission to the museum so a good turnout is anticipated.

This event is large enough that we know that we can not do it ourselves. As a result, we are bringing this open invitation to all amateurs interested in helping us with setup, operations, informational displays, public relations, etc.

We know that many of you are committed to JOTA stations that will be set up in your communities. If you however, are not yet involved in this amazing opportunity to share the hobby we all love with the next generation of future hams, we would greatly appreciate your participation with us.

For more information about what is proposed to happen at the Scout Museum event, or to volunteer your services for planning and implementation, please contact Tom Schuessler, N5HYP at the e-mail address below.

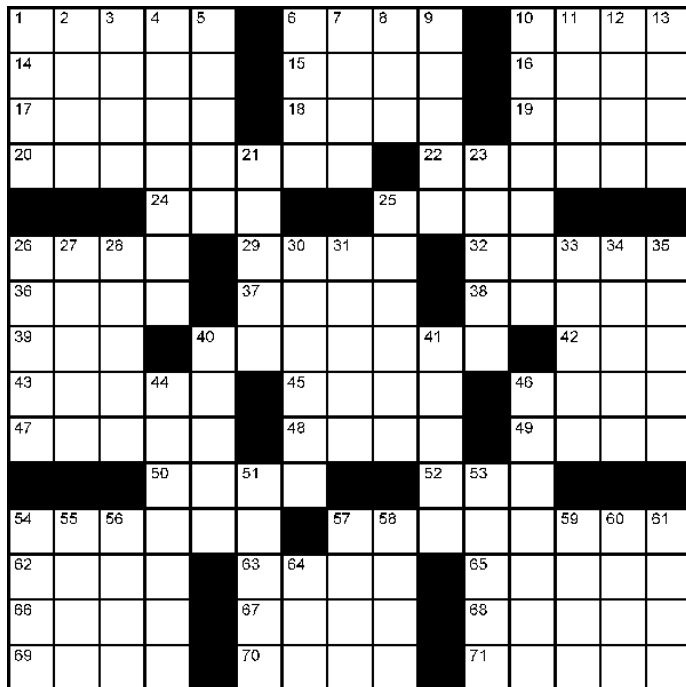
We look forward to working with many of you on this important endeavor.

Sincerely,

Tom Schuessler, N5HYP
IARC JOTA chairman
tjschuessler@verizon.net

*"The Friendly Bunch" • Public Service • RACES • ARES
ARRL Affiliated Special Service Club • Club License WA5CKF*

The Amateur Radio Crossword Puzzler



- 57. Rotary, slide, and others
- 62. Bigger than a pico
- 63. Speaker part
- 65. Stockpile
- 66. Shakespeare's river
- 67. Interface device manipulated by digits
- 68. Where hams want to be
- 69. Livens (up)
- 70. Puts in stitches
- 71. FD, repeater, and others

Down

- 1. Atlantic fish
- 2. Innocent antenna configuration?
- 3. Prefix with VOX
- 4. Brass instruments not meant for, but useable for, sending CW

Across

- 1. Radio room
- 6. Analog tuning device
- 10. F-land without
- 14. Simple /MM vehicle
- 15. It follows that
- 16. SK item
- 17. Henry amp last name
- 18. "If it ___ broke ..."
- 19. This
- 20. They help you read 6-across and other 67-acrosses
- 22. Rig or antenna maintenance
- 24. Sometime AMSAT launcher
- 25. Related degree hams sometimes have
- 26. Campus org, informally
- 29. Not fooled by
- 32. Prepare, as tea
- 36. Chips that store
- 37. Dahdit dahdit
- 38. JA port
- 39. Hall-of-Famer Mel
- 40. Comebacks
- 42. Ham, to Noah
- 43. Weeper of myth
- 45. Once again
- 46. Go for the gold
- 47. Inductor shape, sometimes
- 48. Overhaul
- 49. Figure skater's jump
- 50. Whig's rival
- 52. Good thing to break on the links
- 54. Art's transceiver

- 5. 19th century G poet
- 6. DR on CW
- 7. Pupil's place
- 8. "What?", on 7.005, say
- 9. Expensive sports car
- 10. Where plugs go
- 11. Old alpha alternative, in the military, say
- 12. ZK2 place
- 13. Footfall
- 21. Spanish prefix
- 23. XE units
- 25. Docked /MM
- 26. With 35-down, it's where 6, 20, 57, 67-across, 10, and 44-down are located
- 27. Part of SWR
- 28. Digital mode
- 30. ___ public
- 31. Congo prefix
- 33. Balearic prefix
- 34. Armenian prefix
- 35. See 26-down
- 40. Plant again
- 41. A full circle
- 44. Interface devices manipulated by a digit
- 46. Radio pioneer
- 51. Crystals, familiarly
- 53. SV/A Mount
- 54. Hiker's sack
- 55. Its length determines frequency
- 56. KL followers
- 57. VE8 forecast
- 58. Networks

- 59. One method of ant. elev. measurement
- 60. Lake for which a bug fist is named
- 61. Flex, SoftRock and others
- 64. QSO at start of SS

This month's Puzzler Solution



(Puzzler by Chris Codella, W2PA, reprint courtesy of ARRL.org)

Rockwell-Collins

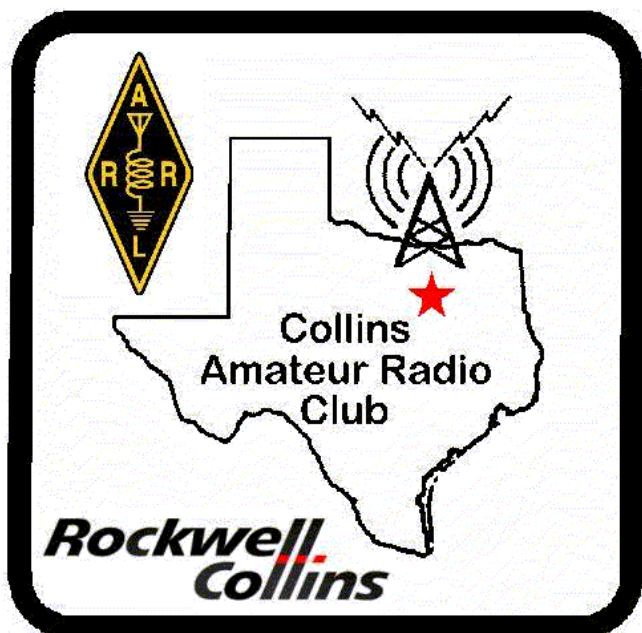
Amateur Radio Club

Mail Station 461-290

P.O. Box 833807

Richardson, TX 75083-3807

TO:



CLUB STATIONS

(972) 705-1349

W5ROK REPEATER

441.875 MHz +5 MHz Input

131.8 Hz PL - RX and TX

W5ROK-1 PACKET BBS ROK Node

145.01 MHz

MEETING

Thursday 23 July 2009

1700 Fellowship

1730 Meeting

Rockwell Collins Building 462

Temple Conference Room

NEXT SIGNALS DEADLINE:

→→→ 17 August 2009 ←←←