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# SIGNALS

Rockwell Collins Amateur Radio Club

Monthly Newsletter of the

Volume 37 Issue 09

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

June 2016

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## RCARC Membership Meeting

Tuesday 28 June 2016  
1700 Social      1730 Meeting  
1800 Program

Methodist Richardson Medical Center  
At Bush/Renner/Shiloh Intersection  
*Conference Room A in Hospital Building*

*Subject:*  
*N1MM Logger Tips*  
*by Bob Kirby K3NT*

right heading for the emergency room; do not continue. Turn left and go into Conference Room A.

### The Wiggio Corner

For my first short article on Wiggio I would like everyone to understand that this medium, in addition to the SIGNALS newsletter, is the club's communications means, available to all the club members. The leadership hopes that Wiggio will prove to be a very effective and timely means of informing all members of what is going on in the club. Also it should allow feedback from members. If you have any personal concerns please contact me immediately at [n5uic@arrl.net](mailto:n5uic@arrl.net) and we will discuss and work out your problems. Please to do not forward any of the material you receive through Wiggio. You can recognize the e-mails you receive by the "[RCARC] All Members" header from Wiggio. More on Wiggio will be provided in next months newsletter. Joe Wolf-N5UIC

### 2016 Field Day Report

The Rockwell Collins Amateur Radio Club operated in the 2016 ARRL Field Day. It started at 1 PM on Saturday June 25, 2016 and went until 1 PM on Sunday June 26, 2016. There was a dinner at 5 PM on Saturday. Those operating the station in the event were: AF5MA, K3NT, K5LIZ, K5TIP, W4FTD, WA8ZBT and also Vicky. I would also like to thank everyone for making the dinner so nice. Here is the rundown of W5ROK contacts.

Band (Mhz)	Mode	QSO's	Points
3.5	CW	26	52
7.0	CW	179	328
7.0	LSB	13	13
14.0	CW	324	548
14.0	USB	165	152
21.0	CW	141	242
21.0	USB	158	128
50.0	USB	6	5
<b>Totals's</b>		<b>1012</b>	<b>1468</b>
		<b>Contacts</b>	<b>Points</b>

## Local Club News

### Meeting Notice

At the June meeting, Bob Kirby, K3NT, will make a presentation on the use of the N1MM logger, including the Field Day experience and lessons learned. For those who would like a little advanced reading, the following website, as well as others available on the internet, is recommended: [http://www.hbphoto.com/Radio/N1MM\\_Presentation.pdf](http://www.hbphoto.com/Radio/N1MM_Presentation.pdf).

**Location:** RCARC has RESERVED Methodist Richardson Medical Center Conference room A or B for the RCARC monthly meeting, (fourth Tuesday of each month) from April, 2016 through August, 2017. Each reservation is for 5PM to 8PM. We are welcome to stay longer if the room has not been reserved for a later time.

**Directions:** The new meeting location is in the hospital. No longer will we be meeting in the Doctors Building; we now meet in the main hospital building. To find your way for the first time enter by the main entrance on the south side of the hospital. Stay on the first floor and turn left at the entrance and go down the hall to where it just turns to the

### RCARC OFFICERS

<b>PRESIDENT</b> <b>OPEN</b>		<b>VICE-PRESIDENT</b> Gene Duprey 319.270.8159 <a href="mailto:geneduprey2015@gmail.com">geneduprey2015@gmail.com</a>	K1GD
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<b>ACTIVITIES</b> Bob Kirby 319.360.0500 <a href="mailto:k3nt@arrl.net">k3nt@arrl.net</a>	K3NT	<b>WEBSITE MANAGER</b> Mike Hollingsworth 972.571.6060 <a href="mailto:w5qh@arrl.net">w5qh@arrl.net</a>	W5QH
<b>STATION TRUSTEE</b> Steve Phillips 972.517.3332 <a href="mailto:k6jt@arrl.net">k6jt@arrl.net</a>	K6JT	<b>NEWSLETTER EDITOR</b> Jim Skinner 214.535.5264 <a href="mailto:wb0uni@arrl.net">wb0uni@arrl.net</a>	WB0UNI
<b>MEMBERSHIP</b> Joe Wolf 214.202.2757 <a href="mailto:n5uic@arrl.net">n5uic@arrl.net</a>	N5UIC	<b>W5ROK CLUB STATION</b> 972.705.1349 461-290	

### VE SESSIONS

**Dallas** tests are held on the fourth Saturday of each month at 1000 hrs. 13350 Floyd Rd. (Old Credit Union) Contact Bob West, WA8YCD 972.917.6362

**Irving** tests are held on the third Saturday of each month at 0900. Fifth 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 1430, ending no later than 1645. **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 Janet Crenshaw, WB9ZPH at 972.302.9992.

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

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

**Richardson** The Richardson Wireless Klub (RWK) VE team hold license testing on the third Thursday of each month at St. Barnabas Presbyterian Church, 1220 West Beltline Rd. Testing begins at 1900 hrs in room 12. Enter through the Northern most door on the east side of the church building. For further information contact Dave Russell W2DMR, at 972.690.9894 or E-mail [warhog4@tx,rr.com](mailto:warhog4@tx,rr.com).

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### President and VP Messages

Well the Summer is now in full swing, Hamcom is over and Field Day (FD) also. I did not participate in FD this year as I just have had too many things on my plate over the past several months. But next year for sure. Hamcom had some highs and some lows. Most of the manufacturers were there, but I was disappointed by the Kenwood booth, which was a table with about 5 radios set up. But I did not see any reps from Kenwood and there was no literature. Also the ARRL seemed on a budget this year as they had no books or other items at their booth for sale. There were however, quite a few antenna people there with samples and products to sell. Another one that caught my attention was the FlexRadio Systems booth. They had a full 4 radio station setup to give demos & for people to try out. Quite an impressive system, and the Maestro remote unit is quite nice. Also high on my list was the setup at the Elecraft booth, with their KX3 unit.

With the weather getting warmer, we are getting a car port put up at the house and this will give me some more room to maybe finally get my G5RV dipole up. I will finally be back on the HF bands! Well that's all for now, see you at the meeting.

73's  
Gene, K1GD

## Secretary's Report

24 May 2016

The meeting was called to order by Bob Kirby K3NT at 1744.

The following were present at the meeting:

Jim Brown	AF5MA
Dennis Cobb	WA8ZBT
Bob Kirby	K3NT
John McFadden	K5TIP
Steve Phillips	K6JT
Jim Skinner	WB0UNI
Joe Wolf	N5UIC

### Officers and Committee Reports:

There were no formal reports other than the Secretary's Report, which is contained in this newsletter.

### Old Business:

There was no old business.

### New Business:

Steve Phillips K6JT requested that someone take over his duties as trustee of the club license when it expires in November 2016. Candidates mentioned were Bob Kirby K3NT, Dennis Cobb WA8ZBT, Gene Duprey K1GD and Bob Kirby K3NT, all with extra Class licenses.

A discussion of the club's failing packet station equipment followed. Options for repair or replacement were suggested, but no decisions proposed or agreed. This will be investigated further to determine a course of action.

Jim Skinner stated that the authorized purchase of Micro-Soft Word software for newsletter publication had been completed.

### Adjournment:

The meeting was adjourned at 1818, followed by a program on use of the club's new Wiggio website and work-group software.

## Presentations for Monthly RCARC Meetings

RCARC has an urgent need for presenters to present a short topic on Ham Radio at our monthly club meetings. 45-60 minute Presentations may include, but are not limited to:

- Set-up, Building or Modifying Station Equipment (Antennas, Audio, Dummy Loads, Desks, Lights, ...)
- Operating a Radio Station (Listening & Transmission tips, Ham Logo decrypted, Popular Frequencies, ...)
- My Radio Broke (Possible Alternatives before using the Sledge Hammer, ...)
- Different types of Digital Operation (APRS, Packet, PSK 31-64, RTTY, ...)

- Software Defined Radios (Commercial, Kits, Remote, Internet, ...)
- Software used for Ham Radios (WSPR, PSK-31, ...)
- Emergency Radio Equipment (Go Kits, Batteries, Solar power, Easy-Up Antennas, ...)
- Ham Radio Activities (MARS, RACES, MARC, Con-tests, Satellites, Mobile, Portable, Remote, Field Day, SWL, ...)
- Radio Reference (On-line manuals, theory, how to books & Videos, ...)
- Social Mingle (With light snacks? Ham and cheese crackers? ...)

If you would like more information on a particular topic, and would like someone to do a presentation on it, you may suggest it as a topic. Please email Bob Kirby K3NT, Jim Skinner WB0UNI, Chris Havenridge KF5GUN, or Gene Duprey K1GD to present a topic or to suggest a topic for presentation.

Let's try this out while supply lasts. Any RCARC member who presents a program or lines up and follows through with a speaker/presentation (including timely advanced bio and program description to Mr. Skinner) will receive a VHF (or UHF) commercial grade antenna along with a commercial grade magnetic mount with coax cable for each completed program. The speaker will also receive like antenna and magnetic mount/coax cable.

Please note: Simply passing along program prospects or leads, while highly appreciated by your radio club, does not count towards the antenna and magnetic mount with coax offer. However, you may be eligible for a hunk of pre-RF'ed feed line for your pet to chew on. In the absence of said pet, it just could become your "Pet Coax".

## Understanding Engineers!

### Understanding Engineers #1

To the optimist, the glass is half-full. To the pessimist, the glass is half-empty. To the engineer, the glass is twice as big as it needs to be.

### Understanding Engineers #2

A priest, a doctor, and an engineer were waiting one morning for a particularly slow group of golfers.

The engineer fumed, "What's with those guys? We must have been waiting for fifteen minutes!"

The doctor chimed in, "I don't know, but I've never seen such inept golf!"

The priest said, "Here comes the greens-keeper. Let's have a word with him." He said, "Hello George, What's wrong with that group ahead of us? They're rather slow, aren't they?"

The greens-keeper replied, "Oh, yes. That's a group of blind firemen. They lost their sight saving our clubhouse from a fire last year, so we always let them play for free anytime!"

The group fell silent for a moment. The priest said, "That's so sad. I think I will say a special prayer for them tonight" The doctor said, "Good idea. I'm going to contact my ophthalmologist colleague and see if there's anything she can do for them." The engineer said, "Why can't they make them play at night?"

**Understanding Engineers #3**

What is the difference between mechanical engineers and civil engineers? Mechanical engineers build weapons. Civil engineers build targets.

**Understanding Engineers #3**

The graduate with a science degree asks, "Why does it work?"

The graduate with an engineering degree asks, "How does it work?"

The graduate with an accounting degree asks, "How much will it cost?"

The graduate with an arts degree asks, "Do you want fries with that?"

**Understanding Engineers #5**

Three engineering students were gathered together discussing who must have designed the human body One said, "It was a mechanical engineer. Just look at all the joints."

Another said, "No, it was an electrical engineer. The nervous system has many thousands of electrical connections."

The last one said, "No, actually it had to have been a civil engineer. Who else would run a toxic waste pipeline through a recreational area?"

**Understanding Engineers #6**

Normal people believe that if it ain't broke, don't fix it. Engineers believe that if it ain't broke, it doesn't have enough features yet.

**Understanding Engineers #7**

An engineer was crossing a road one day, when a frog called out to him and said, "If you kiss me, I'll turn into a beautiful princess."

He bent over, picked up the frog, and put it in his pocket. The frog spoke up again and said, "If you kiss me, I'll turn back into a beautiful princess and stay with you for one week."

The engineer took the frog out of his pocket, smiled at it and returned it to the pocket.

The frog then cried out, "If you kiss me and turn me back into a princess, I'll stay with you for one week and do anything you want."

Again, the engineer took the frog out, smiled at it and put it back into his pocket.

Finally, the frog asked, "What is the matter? I've told you I'm a beautiful princess and that I'll stay with you for one week and do anything you want. Why won't you kiss me?"

The engineer said, "Look, I'm an engineer. I don't have time for a girlfriend. But a talking frog - now that's cool!"

**And finally...**

Two engineers were standing at the base of a flagpole, looking at its top.

A woman walked by and asked what they were doing. "We're supposed to find the height of this flagpole," said Sven, "but we don't have a ladder."

The woman took a wrench from her purse, loosened a couple of bolts, and laid the pole down on the ground.

Then she took a tape measure from her pocketbook, took a measurement, then announced, "Twenty one feet, six inches," and walked away.

One engineer shook his head and laughed, "A lot of good that does us. We ask for the height and she gives us the length!"



*The Way Things Should Be*

**RCARC Community Service Activities**

**Siren Testing** Dennis Cobb WA8ZBT, John McFadden K5TIP and Jim Skinner WB0UNI participate in the Richardson emergency siren testing. The testing on 1 June 2016 was cancelled because the weather forecast predicted thunderstorms. The siren testing is performed at 12:00 on the first Wednesday of each month. The sirens are monitored by amateur radio operators and reports made using the Richardson Wireless Klub (RWK) repeater at 147.120 MHz. Siren testing in May used the University of Texas at Dallas (UTD) repeater at 145.430 MHz, which is designated as the backup repeater.

**Crime Watch Patrol** Jim Skinner WB0UNI participated in Richardson Duck Creek Crime Watch Patrol (CWP). CWP members, after successful completion of Richardson Police Department Training, patrol their neighborhoods and report all suspicious activities to the Police Department.

### Facebook Founder Takes Low-tech Approach to Security



Facebook founder Mark Zuckerberg posted this photo to mark the 500 millionth Instagram user.

While posing for a photo to mark 500 million Instagram users, Facebook founder Mark Zuckerberg inadvertently showed off a couple of security measures he takes.

Upon close inspection, the photos reveal he has placed layers of tape over his computer's camera and microphone.



A closer look reveals the Facebook CEO has placed tape over his computer's microphone and camera.

This is a widely recommended move by security experts. Even the head of the FBI [does it](#).

"This is basic security awareness and security appreciation," said online security expert Robert Siciliano in an interview with [ABC News](#). "Unfortunately there are many remote access Trojan viruses that can activate and enable a user's webcam without their knowledge. That same webcam can also pick up room ambient sounds."

Zuckerberg was recently a victim of hackers, who breached his Twitter and Pinterest accounts.

Facebook purchased the popular photo sharing service in 2012 for a reported price tag of \$1 billion.

(Courtesy of **VOA News** June 22, 2016 12:45 PM)

## Upcoming Events

### JULY

**9-10 IARU HF World Championship** Objective: to contact as many other amateurs, especially IARU member society HQ stations, around the world as possible using the 160, 80, 40, 20, 15 and 10 meter bands. Begins 1200 UTC Saturday and ends 1200 UTC Sunday (July 9-10, 2016). Both Single and Multi operator stations may operate the entire 24-hour period. Details at <http://www.arrl.org/iaru-hf-championship>.

### AUGUST

**20-21 10 GHz & Up – Round 1** The objective of 10 GHz and Up is for North American amateurs work as many amateur stations in as many different locations as possible in North America on bands from 10-GHz through Light. Amateurs are encouraged to operate from more than one location during this event. See the detailed rules for restrictions. Operations may take place for 24 hours total on contest weekend. The weekend begins at 6:00 AM local Saturday though 12:00 midnight local Sunday. Details at <http://www.arrl.org/10-ghz-up>.

**21 Rookie Roundup – RTTY** Mission: To encourage newly-licensed operators ("Rookies") in North America (including territories and possessions) to operate on the HF bands and experience competitive Amateur Radio operating. Experienced operators ("Non-Rookies") are strongly encouraged to participate and help new operators – either on the air or in person. Objective: Rookies exchange information with as many other stations as possible on the 80, 40, 20, 15, and 10 meter HF bands. Rookie entrants are encouraged to read "HF Contesting – Good Practices, Interpretations and Suggestions." Operation is from 1800 UTC through 2359 UTC. Details at <http://www.arrl.org/rookie-roundup>.

### REGULAR ACTIVITIES

- Daily** DFW Early Traffic Net (NTS) at 6:30pm 146.88 – PL 110.9Hz
- Daily** DFW Late Traffic Net (NTS) at 10:30pm 146.72 – PL 110.9Hz
- Daily** Texas CW Traffic Net (NTS) at 7:00pm on 3541 KHz and at 10pm on 3541 KHz [www.k6jt.com](http://www.k6jt.com)
- 1<sup>st</sup> Wednesday** Richardson Emergency Siren Test. At noon using the Richardson Wireless Klub (RWK) repeater at 147.120 MHz.
- 2<sup>nd</sup> Wednesday** ARES North Texas HF Net Every month—3860 KHz at 8:30 pm—9:30pm

# Rockwell-Collins

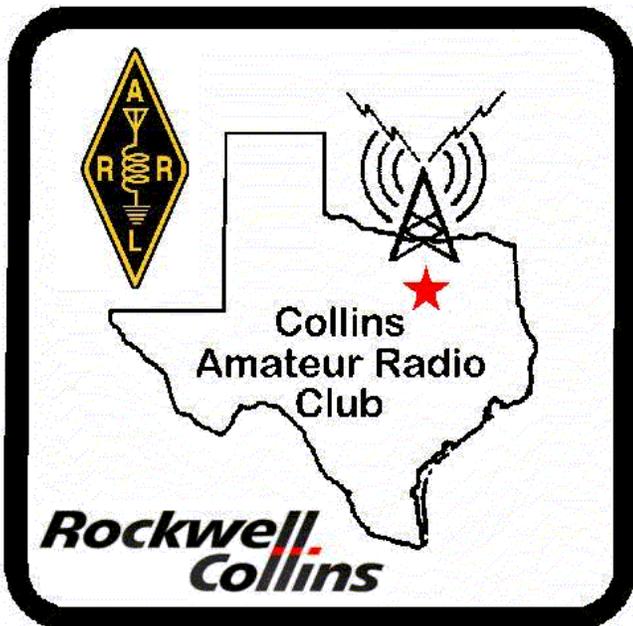
Amateur Radio Club

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**  
 145.05 MHz

**W5ROK-N1, W5ROK-N2 & W5ROK-N3 HSMM-MESHNET Nodes 2.4 GHz**

**Tuesday 28 June 2016**  
 1700 Social      1730 Meeting

**Methodist Richardson Medical Ctr  
 At Bush/Renner/Shiloh Intersection**

*Conference Room A in Hospital Building*

**NEXT SIGNALS INPUTS DEADLINE:**  
**→→→ 15 July 2016 ←←←**