

# JEFFERSON REPORT

PUBLISHED BY THE JEFFERSON AMATEUR RADIO CLUB, INC. W5GAD

**March 2007**

**Due to the flooding of the clubhouse, the next meeting will be held at the Picadilly on Jefferson Hwy. Please see w5gad.org for the latest information.**

General Meeting:  
March 22

Board Meeting:  
April 12

**Open clubhouse: none until further notice**

Tuesday Net: 9:00 P.M.  
on 145.37- (PL114.8),  
Alternate: 147.24+/  
444.000+ (PL114.8)

www.w5gad.org  
e-mail: w5gad@arrl.net;  
Phone: 504-831-1613

Send newsletter items to:  
w5ctv@arrl.net  
Deadline: 2<sup>nd</sup> Friday of  
the month

## D-Star Repeater System Donated

During the Jackson Hamfest, the JARC board was approached by Greg Sarratt, W4OZK ARRL Alabama Section Manager about donating a D-Star repeater system to the JARC for use in the New Orleans area. This donation is made possible by a grant from the Southern Baptist Convention Disaster Relief and ARES. The grant is for installing D-star systems in Alabama and the Gulf South in order to create a network of repeaters for use during times of emergency. This donation is dependent on finding a site with emergency power and internet connection. The site acquisition is presently in the works. More news on that front will follow as soon as all approvals are in hand. We have tentative frequencies coordinated, but some tweaking of those frequencies are also in the works. This will also be published once all approvals are in hand.

At that same hamfest, the Board was also approached by the Salvation Army to see if we would be interested in obtaining one of their retired kitchen trailers. This trailer can be converted for use as a mobile communications facility. We are waiting for final approval from their board of directors before we can take possession. More word on the progress of this project will be forthcoming.

### New Members

The following have applied for membership and will be voted on at the general meeting.  
Joe Glorioso, N5OZG, New Orleans, General

### Dues are due

Dues for 2007 are due. Please remember that the membership voted to raise the dues to \$30 beginning in 2007. An application/renewal form is located on page 5. Please submit your dues. Anyone not paid by the March General Meeting will be dropped from the roles.

## Clubhouse Renovations Begin 3/24

It was decided at the last general meeting to begin renovating the clubhouse to the point where we can have meetings and other activities. This will be done as quickly and economically as possible as the goal is to still replace the building with a first-class raised structure. This will allow us to get back in our "home" while we continue fund raising for the new building. We plan on holding workparties on the weekend following each general meeting until all work is completed. The following is the plan for March 24 and 25: Complete the removal of all the old insulation; Caulk and seal all of the holes in the exterior walls; Remove all of the staples from the ceiling

**The next JARC meeting will be held March 22 at the Picadilly Restaurant on Jefferson Hwy. near Ochsner. The meeting will begin at 7:30 P.M. If you wish to eat first, we will gather in the meeting room for dinner starting at 7.**

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# Crescent City Classic in Need of Volunteers

The New Orleans Track Club and Crescent City Classic Officials are asking the Amateur Community to assist them in Communications for the race. The Race is on Saturday April 7. Report time will be at about 7:45 A.M. Talk in will be 444.775+ Pl Tone 114.8 and 146.82 Pl Tone 114.8. Food

and drinks will provided after the race. The race starts at the French Quarter and ends at City Park, 6.2 miles. If you or anyone else is interested in helping please feel free to contact Harris Miller, KB5BFK at 442-8083 or myself Joe, N5OZG at 288-7084 alarmcit@I-55.com.

## Test/Class Opportunities

### VE Sessions

SELARC will hold a VE session on Sunday, March 25 at 2:00 P.M. The location is North Oaks Diagnostic Center - Room B, 15837 Paul Vega MD Dr., Hammond, LA 70403. Test fee \$14.00. Contact Tyrone Burns, (985) 351-8315 or tyke1954@yahoo.com.

For any exam session, please bring a picture ID, original and a copy of your FCC license and any relevant CSCE.

### Upgrade to General Class

New Orleans ARES and Coast Guard Auxiliary 45 are co-sponsoring an upgrade-to-General licensing class, beginning April 5 and ending, with an exam, on May 10. The class is intended for hams who are currently licensed as Technicians

and want to take advantage of the new no-code HF privileges.

Instructors are Joel Colman NO5FD and Cedric Walker K5CFW, and the class will be taught on Thursday evenings from 7:00 P.M. - 8:30 P.M. at Temple Sinai, 6227 Saint Charles Avenue, in uptown New Orleans. We'll use the Gordon West textbook, and more information is available from Joel joel@colman.us or Cedric k5cfw@arrl.net.

### General Class

There will be a General License class from April 9-26 on Mondays and Thursdays. The class will be on April 9, 12, 16, 19, and 23 with the test on the 26<sup>th</sup>. The times are 7-8:30 P.M. at the Marrero-Estelle Fire Dept on Barataria Blvd. next to Tire Kingdom. The ARRL General Class License Manual will be the book used. If you would like to attend the class or volunteer to teach one or more evenings contact Herb N5AUC at hrobin4@cox.net.

## CQ introduces *HF Operator's Survival Guide*

In response to recent changes in licensing rules and operating privileges for all hams, the editors of CQ Amateur Radio magazine have prepared an *HF Operator's Survival Guide*, a 16-page getting-started guide for newcomers to high-frequency (shortwave) Amateur Radio communications. Written by CQ Contesting Editor John Dorr, K1AR, Contributing Editor Gordon West, WB6NOA, and CQ Editor Rich Moseson, W2VU, the booklet is a practical, hands-on guide to success in HF ham radio. "Starting out on HF can be pretty intimidating, especially now, at the bottom of the sunspot cycle, when DX opportunities are harder to find," said Moseson, who also oversaw the guide's overall production. "This practical guide will help the new HF operator, regardless of license class, hit the air running." Among other topics, the book discusses the characteristics of each HF ham band and explains which is best and when, basic HF operating practices, choosing your first HF transceiver, antenna basics, and various HF modes and operating activities. There's also an HF band chart. The *HF Operator's Survival Guide* is \$2 (plus shipping), with discounts available for bulk purchases. To order, or for more information, contact CQ Communications Inc, 800-853-9797 (toll-free) weekdays 8:00 A.M. to 4:00 P.M. Central.

## VE Session Nets 16 New/Upgraded Hams

The Feb. 24 VE session cosponsored by all the local radio organizations resulted in 16 people either upgrading or obtaining new licenses. Here is the list of all those who passed their tests. Congratulations to all who passed. When you hear them on the air, please give them any assistance they may request.

K5JCJ, John Crutti Jr., Harvey, General  
KB5VAJ, Bill Bryant Jr., Harvey, General  
KD5BLZ, Nathan Watts, River Ridge, General  
KD5PHE, William Wolf, Covington, Extra  
KE5CGO, Mike Howell, New Orleans, General  
KE5CZV, Bob McBride, New Orleans, Extra  
KE5JUQ, Chuck Parr, Metairie, General  
KE5KCN, Tim Gunckel, New Orleans, General  
KE5KCQ, Jonathan Boraski, Marrero, General  
KE5MUQ, Penny Ducote, Kenner, Technician  
KE5MUR, Lester Palmisano, Kenner, Technician  
KE5MUS, Flavio Garcia, Terrytown, General  
N5UXT, Angelo Glorioso III, Kenner, General  
W5AFD, Albert Dupont, Kenner, General  
W5MJD, Mike Ducote, Kenner, General  
WA5VCF, Joseph Pollet Jr., New Orleans, General

# New Ham Helps

Each month we will feature information that be helpful to new hams and even those seasoned OM's that may not be familiar with a given topic. This month we will feature a glossary of terms related to the various modes of operation on the ham bands.

**ACSSB** - Amplitude Compandored Sideband modulation. A narrow-bandwidth, low-noise AM mode designed to compete with narrow-bandwidth FM in the Land Mobile Radio Service.

**AFSK** - Audio frequency-shift keying

**AM** - Amplitude Modulation. Full AM transmissions use a full carrier with two modulated sidebands, however, SSB and ACSSB are both AM modes.

**AMTOR** - Automatic Teleprinting Over Radio. Popular digital mode on HF.

**ATV** - Amateur Television. Typically found on the 430 MHz and 1.2 GHz bands; see <http://www.hampubs.com/atv.htm> for more information (thanks to KG4LXA for the suggested link).

**AX.25** - The Amateur Radio version of the CCITT X.25 packet protocol (X.25 is used for computer communications over telephone lines).

**BPSK** - Binary Phase Shift Keying. A modulation technique used in LowFER and MedFER operation, as well as HF operation. For more information, see <http://www.computerpro.com/~lyle/watsbpsk.htm> (courtesy of KØLR).

**Clover** - PSK mode which provides a full duplex simulation. It is well suited for HF operation. Clovers key characteristics are band-width efficiency with high error-corrected data rates. Clover adapts to conditions by constantly monitoring the received signal.

**CW** - Continuous Wave. A transmission consisting of an unmodulated carrier. Popular mode on HF which utilizes Morse Code; regarded by many as the "first" digital mode.

**DSSB** - Double Suppressed Sideband modulation

**EME** - Earth-Moon-Earth. Communication; moonbounce; using the moon as a reflector to "bounce" your signal back down to Earth. For a complete resource, please see [http://www.nitehawk.com/rasmit/ws1\\_1.html](http://www.nitehawk.com/rasmit/ws1_1.html)

**Fax** - short for facsimile. A form of image communications that sends a visual "photocopy" of a two-dimensional image.

**FM** - Frequency Modulation. A form of modulation where the RF carrier shifts frequency according to the amplitude of the modulating audio signal.

**FSK** - Frequency-Shift Keying. Modulating a trans-

mitter by using data signals to shift the carrier frequency. Commonly used for digital communications.

**FSK441** - Designed to support communication using very brief "pings" from meteor trails in the ionosphere

**FSTV** - Fast-Scan (real-time) Television

**G-TOR** (Golay -TOR) - an FSK mode that offers a fast transfer rate compared to Pactor.

**JT65** - Ideal for extremely weak but slowly varying signals such as those found on troposcatter and Earth-Moon-Earth (EME) paths.

**JT6M** - For meteor scatter, but especially optimized for the 6-meter band

**HELLSCHREIBER** - a method of sending and receiving text using facsimile technology.

**LSB** - Lower Sideband

**MFSK16** - An advancement to the THROB mode and encodes 16 tones. The PC sound card for DSP uses Fast Fourier Transform technology to decode the ASCII characters, and Constant Phase Frequency Shift Keying to send the coded signal.

**MT63** - A new DSP based mode for sending keyboard text over paths that experience fading and interference from other signals.

**Packet** - Error-free digital mode that sends data in small bursts or packets.

**PacTOR** - Digital mode combining aspects of packet and AMTOR

**PAM** - Pulse-Amplitude Modulation.

**PSK31** - A digital mode which is rapidly growing in popularity; utilizes phase shift keying (PSK) which is transmitted at 31 baud (speed). For more information, please see <http://www.psk31.org>.

**RTTY** - Radio Teletype. A method of sending text information using shifting Mark/Space signals or audio tones. Popular digital mode on HF.

**Spread Spectrum** - Mostly experimental mode that takes a transmitted signal and "spreads" it across a band by slicing the signal up.

**SSB** - Single Sideband A form of amplitude modulation (AM) in which the carrier and one sideband are removed.

**SSTV** - Slow Scan Television.

**THROB** - yet another new DSP sound card mode that attempts to use Fast Fourier Transform technology (as used by waterfall displays).

**USB** - Upper Sideband.

**WBFM**- Wide-Band Frequency Modulation.

**WEFAX** - Weather Facsimile.

# Louisiana Section News

The Southern University Amateur Radio Club (SUARC), call sign KD5ZUP, held a charter party on the Southern University campus in Baton Rouge on February 4 in celebration of the club's new affiliation with the ARRL. WD4Q (Delta Division Director) presented the ARRL Certificate of Affiliation to KE5LSE, SUARC President. Other ARRL officials in attendance were N5NVP (LA Section Affiliated Club Coordinator) and yours truly. Congratulations to N8JTC (SUARC Faculty Advisor) and all the student members for achieving this significant club milestone!

KD5DFL reports that the following ARES/RACES and CLARC members assisted KB5CX (Parade Staging Area Chairman) during the Alexandria Mardi Gras Parade: AC5PW, KE5ASQ, N5VNP, KE5DJA, WB5ISL, KE5BCQ, KE5LXV, and KD5SLN. The hams supporting this event gathered at the staging area at 9 AM on February 18 and did not leave until 3 PM after all of the parade participants and float entries had departed the staging area as the parade began.

The 2007-2008 officers for the Acadiana Amateur Radio Association are KE5DCI, President; KI5XP, Vice President; N5MLJ, Secretary; and N5YCS, Treasurer. KE5DJA is a new ARRL Public Information Officer. Good luck to all in your new duties!

With the expected influx of new operators on the HF bands, the rest of us should be extra careful in our operating procedures so that we set a good example for others to follow. In addition to listening to experienced operators on the air, hams new to HF can learn much by reading about the various operating activities, such as DXing, contesting, and traffic handling. Probably the single best source of information on operating is the ARRL Operating Manual; I believe every active ham will find something useful in this excellent publication.

Visit <http://www.arrl.org/FandES/field/regulations/bands.html> to download the new ARRL band chart showing all the recent changes as of February 23.

As mentioned in last month's report, the annual National Hurricane Conference returns to New Orleans this year. The special session on ham radio, which any licensed ham can attend free of charge, will be on April 3 from 1:30 PM to 5 PM at the Hilton Riverside Hotel on Poydras Street. The LA hams scheduled to speak are K5GLS, N05FD, and K5CFW.

Upcoming LA hamfests include the ARRL Delta Division Convention in Rayne on May 25 and May 26, the Ozone ARC Hamfest in Slidell on July 21, and the

WCLARC Hamfest in Leesville on August 11.

Traffic totals: K5MC 91, AE5V 62, WA5LQZ 60, W4DLZ 50, W5PY 48, WA4ERU 2.

Public Service Honor Roll: W5PY 173, W4DLZ 121, K5MC 110, AE5V 99, W5HUD 78, N5MEL 78, K5ER 52, KB5SDU 50, N5HMH 46, WA4ERU 37.

Section net reports: sessions/check-ins/messages handled. Louisiana Traffic Net: 28/422/41. Louisiana CW Net: 55/363/86. Louisiana ARES Net: 4/96/0.

Local/district net reports: sessions/check-ins. Avoyelles Parish ARES Net: 2/10. Caddo/Bossier Parish ARES Net: 4/60. East Baton Rouge Parish ARES Net: 4/20. Franklin Parish ARES Net: 2/36. Orleans Parish ARES Net: 4/46. Ouachita Parish ARES Net: 4/101. Rapides Parish ARES Net: 9/97. Richland Parish ARES Net: 4/46. St. Charles Parish ARES Net: 1/16. St. Mary Parish ARES Net: 4/38. St. Tammany Parish ARES Net: 3/28. Tangipahoa Parish ARES Net: 4/105. Terrebonne Parish ARES Net: 4/12. Vernon Parish ARES Net: 6/109. Washington Parish ARES Net: 4/48.

ARES reports: parish/EC. Allen/W5ELM, Avoyelles/KD5IGG, Beauregard/W5MVP, Caddo/Bossier/NZ5S, Calcasieu/KC5FGO, Claiborne/KD5JJP, DeSoto/AA5HY, East Baton Rouge/N5ULA, Franklin/N5ASA, Jefferson Davis/K5WNV, Lafourche/N5PZJ, Morehouse/KB5SAR, Orleans/N05FD, Ouachita/K5ER, Plaquemines/AI5B, Rapides/KD5DFL, Richland/N5MEL, St. Charles/K5CFJ, St. John/AI5B, St. Mary/KA5LMZ, St. Tammany/KC5EAK, Tangipahoa/KD5PKS, Terrebonne/AD5XJ, Union/KA5JNL, Vernon/W5JZQ, Washington/AI5B, Winn/KC5EWJ.

73, Mickey Cox  
K5MC

LA Section Website: <http://www.laarrl.org/>

## **Continued from page 1**

braces; Move all equipment to the middle of the room to accommodate the new base board to be installed at a later date; Remove all of the mud and debris from the inside of all of the exterior walls; If time permits, and we have sufficient volunteers, clean the back yard and around the outside exterior walls.

The following tools will be needed: small ladders, pliers, screwdrivers, paint scrapers to remove excess caulking from outside walls, brooms, weed whacker, small garden shovels and buckets, battery operated drill and drill bits.

If you have any type of aluminum that can be used to cover holes, please call Ray Asprion, WA5VWL at 888-3656. This will keep from spending funds at Home Depot.

# April 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
9:00 AM WARC Net <b>1</b>	<b>2</b>	8:00 PM SELA/Coast Guard Auxiliary Net <b>3</b>	7:00 PM WARC Board Mtg. <b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
9:00 AM WARC Net <b>8</b>	7:00 PM DDXA Meeting at Rosedale Library <b>9</b>	8:00 PM SELA/Coast Guard Auxiliary Net <b>10</b>	7:00 PM WARC General Mtg. <b>11</b>	7:30 PM JARC Board Mtg. <b>12</b>	<b>13</b>	<b>14</b>
9:00 AM WARC Net <b>15</b>	<b>16</b>	8:00 PM SELA/Coast Guard Auxiliary Net <b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>
9:00 AM WARC Net <b>22</b>	<b>23</b>	8:00 PM SELA/Coast Guard Auxiliary Net <b>24</b>	<b>25</b>	7:30 PM JARC General Mtg. at Picadilly on Jefferson Hwy. <b>26</b>	<b>27</b>	8:00 AM Workparty at Clubhouse <b>28</b>
8:00 AM Workparty at Clubhouse 9:00 AM WARC Net <b>29</b>	<b>30</b>	8:00 PM SELA/Coast Guard Auxiliary Net <b>1</b>	7:00 PM WARC Board Mtg. <b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

**JEFFERSON AMATEUR RADIO CLUB • APPLICATION FOR MEMBERSHIP • PLEASE PRINT CLEARLY.**

Name \_\_\_\_\_ Callsign \_\_\_\_\_ Areas of interest: \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_ Occupation \_\_\_\_\_

License Class \_\_\_\_\_ Spouse's Name \_\_\_\_\_ E-mail address \_\_\_\_\_

Home Phone \_\_\_\_\_ Work Phone \_\_\_\_\_ Ever been issued a Notice of Apparent Liability? Yes \_\_\_ No \_\_\_

Membership Desired: Full (\$30) \_\_\_\_\_ Family (\$15) \_\_\_\_\_ Associate (\$30) \_\_\_\_\_ Student (\$15) \_\_\_\_\_

Family membership is full membership plus \$15 for each additional up to a maximum of \$60. Attach a separate application for each family member.

Signature \_\_\_\_\_ Date \_\_\_\_\_ Sponsor \_\_\_\_\_ Date \_\_\_\_\_

**Please enclose dues and mail to: JARC, P.O. Box 73665, Metairie, LA 70033**

## JARC Board Of Directors 2007

President:	Keith	W5KB	737-0858	
Vice President:	Albert	W5AFD	465-0637	
Secretary:	Dave	KE5BMS	812-5482	
Treasurer:	Dick	W5RMX	888-2878	
At Large: 1 Year #1:	Johnny	N5AZA	443-2101	
	#2:	Chris	W5CTV	347-8293
	#3:	Rafael	KD4WZJ	471-6122
2 Year #1:	Bob	WD5BJW	885-7965	
	#2:	Ray	WA5VWL	
	#3:	Mike	W5MJD	

## DX News

### Amateur Radio activity shut down in Iraq

Iraq Amateur Radio Society (IARS) President Diya Sayah, YI1DZ, has informed ARRL that all Amateur Radio activity in Iraq has been suspended until the security situation there improves. He says the suspension affects both Iraqi citizens as well as any foreigners -- including military personnel and contractors -- who have been on the air from Iraq. The request to halt all ham radio activity and the issuance of licenses in Iraq originated with a letter from the Iraqi Ministry of Defense to Iraqi Prime Minister Nouri al-Maliki as part of a new security plan, Sayah said. He received subsequent confirmation via the Ministry of Higher Education and Scientific Research to shut down ham radio activity, although he allows for a possible misunderstanding on the part of government officials as to the nature and purpose of Amateur Radio.

### 3DAØ, Swaziland

As part of the celebrations to mark the 75<sup>th</sup> Anniversary of the founding of the Irish Radio Transmitters Society, a number of members of the Society will activate Swaziland, 3DAØ, from 16<sup>th</sup> to 25<sup>th</sup> March 2007. The group will also take part in the CQ WPX SSB contest on 24<sup>th</sup> and 25<sup>th</sup> March.

Given that 3DAØ is still much sought after on the WARC bands, on digital modes and on the LF bands, the expedition will concentrate on these areas of operation.

It is also intended that there will be some EME activity on 2 metres, and, perhaps, some 6 metre operation time permitting. The aim of the group is not so much to rack up tens of thousands of contacts but rather to provide an opportunity for operators to work Swaziland on one of the more unusual bands or modes. We will take time to work the less experienced Dxers and to pull in the weak signal stations. So if you can hear us, please give us a call.

For more information, go to <http://www.irts.ie/cgi/afri75.cgi>

## Delta DX News

The next meeting of the Delta DX Association will be held on Monday, April 9 at 7:00 P.M. at the Rosedale Library, 4036 Jefferson Hwy. A presentation about DXLab's suite of ham radio programs will be given by Edward/N5KGV, John/W5ZE & Greg/W5RY.

For anyone who may want to learn a bit about DXing, or just find some basic, semi-technical explanations of EM radiation, Propagation, Antennas, and equipment, may be interested in looking at "The A,B,C's of Dx" at <http://www.deltadx.net/ABCDx/ABCDx.htm> I would be very appreciative of any critiques, questions, or suggestions. Please contact Don, W5FKX at [w5fkx@cox.net](mailto:w5fkx@cox.net) for any input.

## Westside ARC News

The Westside Club helped to provide communications in the Susan G. Komen Breast Cancer Awareness Walk/Run. It was held on March 3 in Lafitte.

Our club picnic will be on April 22<sup>nd</sup> at Tex's (N5GTX) house on 203 Neal Ave. in Algiers. We also plan to put up 2 beam antennas.

There will be a General License class from April 9-26 on Mondays and Thursdays. The class will be on April 9, 12, 16, 19, and 23 with the test on the 26<sup>th</sup>. The times are 7-8:30 P.M. at the Marrero-Estelle Fire Dept on Barataria Blvd. next to Tire Kingdom. The ARRL General Class License Manual will be the book used. If you would like to attend the class or volunteer to teach one or more evenings contact Herb N5AUC at [hrobin4@cox.net](mailto:hrobin4@cox.net).

Our club had 2 VE's at the test session on 24 Feb. All 16 people who tested passed their exams. Congratulations! Thanks to Herb N5AUC, Don AE5DW and K5CFW for being the VE's.

We have a new member, Rick KE5LNP.

The Westside ARC is working with Joe, N5OZG to support the Crescent City Classic on April 7<sup>th</sup>. To participate e-mail Mike, KB5OZE@arrl.net.

-- Bill, KB5VAJ

**The next JARC meeting will be held March 22 at the Picadilly Restaurant on Jefferson Hwy. near Ochsner. The meeting will begin at 7:30 P.M. If you wish to eat first, we will gather in the meeting room for dinner starting at 7.**