

# *The eKilo - What*

Monthly Newsletter of the San Angelo Amateur Radio Club

*February 2008*

## *President's Message*

*By Joe Kent/W5JBK*

Field Day 2008 is on the way! Hughbert/KD5NPC has agreed to chair the committee that will plan, organize, and execute the endeavor this year and he will be requesting volunteers to fill responsible positions. Please be generous with your time and resources to help make this a memorable event. Field Day is held each year the last full weekend in June.

The Concho Valley Two Meter Net was not held on Monday the 25th due to high winds and extreme fire danger that existed. This required that many of our members perform standby duty and thus they were unavailable to call the net. Thanks to all who provided support during this difficult time.

The Executive Committee meeting for March will be held on Thursday the 6th at 1830 in Baker Street which is located on the corner of Knickerbocker road and Sunset. Club officers are requested to attend and other interested club members are invited. Discussion will include Field Day preparations.

## *Meeting Minutes*

*By Bob Freeman/KD5PIX*

### **SAARC Meeting Minutes - February 14, 2008**

The regular monthly meeting of the San Angelo Amateur Radio Club, Inc., was called to order by President Joe Kent/W5JBK on February 14, 2008 at 1931. Introductions were made with 12 members and 1 visitor in attendance. The minutes for January were read by the President and approved as read. The Treasurer's Report was approved as read.

#### **Old Business**

Vice President Gary Chaffin/N5GRC asked that anyone having suggestions for a program, or anyone who would like to give a program after one of our meetings, please give him a call. He also said the field trip to see Bill Tarn's antenna and ham shack will be July 10 after the regular meeting. July was selected due to the extended daylight hours occurring then.

Grounds Chairman Ron Mecklenburg/KD5WXJ has completed his property inventory. Ron was recognized for the neat and professional way he has maintained the area and kept it ant free.

Emergency Coordinator Mike Dominy/KD5URW, stated that the classes for Technician and General class licenses will be held Saturday April 5, 2008 and Saturday April 12, 2008. The location is the San Angelo National Weather Service at 7654 Knickerbocker Road. Classes will be conducted from 8:00 A.M. to 4:00 P.M. The test will be administered at the end of the second Saturday.

Activities Manager Hughbert Robinson/KC5NPC has volunteers for the upcoming Rebuilding Together clean-up project. If you would like to help please give Hughbert a call. I am sure he can use any and all additional help that is available.

Hughbert/KC5NPC is establishing a Field Day Committee. There a lot of items that must be taken care of prior to and during Field Day to ensure success. If there is any way you can help, and you have not already volunteered, please give Hughbert a call. Thanks to Charlie Royall/WB5T for offering to pay for the porta-potty again this year.

Twin Mountain Steak House has offered us a non-smoking room for our Eatin' Meetin' with the choice of five entrees at a very reasonable price. Look's as though we already have our reservations made for December 11.

Work on the boat trailer will be scheduled when weather improves and the threat of grass fires is diminished.

#### **New Business**

Everyone is invited to come out on March 15, 2008 to watch the Air Show. The clubhouse is a great place to view the show. Bring a Bar-B-Q and enjoy the camaraderie of fellow club members free of the large crowds that are anticipated to be on the flight line. We will provide bottled water and soft drinks to the crowd for one dollar each.

Bill Tarn/AE5AW suggested that the amateurs in the club, as well as all those throughout the Concho Valley, generate a list of equipment that is available for loan to those within the amateur community. J - Pole's and climbing gear are just a couple of examples. The existence of just such a list could possibly prevent someone from having to buy something to use only one time.

#### **Good of the Order**

Split-the-Pot was worth \$8.00 to the club and to Hughbert Robinson/KC5NPC. Hughbert donated \$3.00 of his winnings to the club. Thank you Hughbert. We had another donation to the club which will be identified in the March Treasurer Report.

The San Angelo Weather Service will have a booth at the Rodeo. They would like to have some amateurs give them a hand. Contact Mike Dominy/KD5URW or Hector Guerrero/KC5BRB at the Weather Service 944-9445 to volunteer.

There being no further business, the meeting was adjourned at 2018. Mike Dominy/KD5URW provided an informative talk on amateur radio related information available free of charge on the internet. The next regular meeting of the San Angelo Amateur Radio Club, Inc., will be March 13, 2008 at 1930 at the clubhouse.

## Upcoming Hamfests & Conventions

Date	Event	Location	Information
8 Mar 2008	6th Annual IARC Hamfest, Betcha Bingo Hall #1	Irving, TX	<a href="http://www.irvingarc.org">www.irvingarc.org</a>
8 Mar 2008	West Texas Section Convention, Midland Lions Club	Midland, TX	<a href="http://www.w5qgg.org">www.w5qgg.org</a>
9 Mar 2008	WCARC/HOTERA Annual Swapmeet, Georgetown Community Center	Georgetown, TX	<a href="http://www.wcarc.com">www.wcarc.com</a>
29 Mar 2008	Weatherford Hamfest, Weatherford National Guard Armory	Weatherford, TX	<a href="http://www.qsl.net/w5pc">www.qsl.net/w5pc</a>
19 Apr 2008	Temple Amateur Radio Club HamEXPO, Bell County Expo Center	Belton, TX	<a href="http://www.beltonhamexpo.org">www.beltonhamexpo.org</a>
17 May 2008	Swapfest/Picnic, Thompson Park, Area 17	Amarillo, TX	<a href="http://www.orgsites.com/tx/w5wx">www.orgsites.com/tx/w5wx</a>
13-14 Jun 2008	Ham-Com 2008, Plano Centre	Plano, TX	<a href="http://www.hamcom.org">www.hamcom.org</a>
1-2 Aug 2008	Texas State Convention (Austin Summerfest), Wyndham Garden Hotel	Austin, TX	<a href="http://www.austinsummerfest.org">www.austinsummerfest.org</a>

## Amateur Radio - The Emergency Communications Answer

*By Mike Dominy/KD5URW*

Here is something to really think about in our spare time. Have you ever thought about what amateur radio really is and why is it so valuable? Ever tried to explain in 30 seconds to any casual observers (like at Field Day or Skywarn training) why this hobby is so unique?

Amateur radio is a self-learned hobby. And, it's a self-learning hobby. So, therefore, Welcome Everyone to Amateur Radio University. Sit back, think about what is about to be said and hope that we can all learn from this.

Amateur Radio, it's a great playground for the scientifically minded. What is meant by that? Lets see; we learn electronics, physics, chemistry, meteorology, propagation, quantum mechanics, orbital mechanics, fields and waves, computer hardware and software, lunar geography, and solar forecasting just to name a few, but amateur radio is so much more. It's a playground for applied mathematics ranging from arithmetic, geometry, algebra, trigonometry, calculus and up.

There are practical construction skills like soldering, wire work, metal shop work, wood working, concrete, silk-screen artwork and landscaping. Just think about all the fields of antennas that are at many of the homes, cub sites and other areas across this country. If we could put each one end to end, where would we end up at? It would be an endless sea of antennas from coast to coast.

With any hobby, you become familiar with ways of doing things, how to make them, how to fix them and so on. With amateur radio, you can learn so much, to become a big part of the true process of invention and of understanding of what is going on around you. You can become very familiar with commercial communications like HF/VHF/UHF radio, telephony, satellite transmissions, microwave, TV, LAN/WAN technologies, radio scanners, WiFi, D-Star and more.

Then there's the true multi-national dimension to amateur radio. All of the foreign language, geography, world history and current events from around the world. All of the multi postal systems and world-wide stamps from places all over the world.

It's the project designs, project planning, project management, trouble shooting and maintenance skills. Just think for a minute. How often or how many times have you had to stop and work on your shack, our radios or antennas or just had to work on something before you could get back on the air. It makes us more valuable as a self-learned student.

And sometimes even when we do get on the air, we have to understand the total skills that we have learned and put them to good use. Whether it's DC to daylight, Morse code to TV, rag chewing to developing equipment for spread spectrum multi-channel forward error correcting simultaneous voice/data transmissions. We can apply that knowledge and skill right in our community and neighborhood by volunteering as an emergency communications specialist and a communicator with civil defense, the American Red Cross, hospitals and many other organizations. Whether it's a parade, marathon or a full-blown hurricane, the combination of skills and equipment is invaluable.

Each day brings the chance of meeting new friends, whether it's next door, commuting to and from work, or talking with them thousands of miles away.

It's a lifetime sand-box of fun, learning, practicing, experimenting...and through mutual sharing and education, a chance to build a future generation of knowledge and skill. Knowledge, skills and understanding that is needed by an evolving technology-based society and a definite career-boosting talent.

So amateur radio is more than just a hobby. It's a lifetime of learning, earning and sharing the fun along the way. Welcome to Amateur Radio University, where the fun begins.

## March-April Special Events

**Mar 7-Mar 9, 1400Z-1100Z**, Sweetwater, TX. Nolan County Amateur Repeater Association, W5NCA. 50<sup>th</sup> Year Sweetwater Jaycees World Largest Rattlesnake Roundup. 14.245 7.275 7.245. Certificate. Gary Armstrong, 806 E 16th, Sweetwater, TX 79556. [www.rattlesnakeroundup.net](http://www.rattlesnakeroundup.net)

**Mar 7-Mar 10, 2000Z-2200Z**, Two Harbors, CA. Palos Verdes Amateur Radio Club, K6PV. IOTA expedition to Santa Catalina Island. 20M 40M 75M phone bands. QSL. Palos Verdes Amateur Radio Club, PO Box 2316, Palos Verdes, CA 90274. [www.palosverdes.com/pvarc](http://www.palosverdes.com/pvarc)

**Mar 8, 1500Z-2100Z**, Vero Beach, FL. Vero Beach Amateur Radio Club, W4OT. Commemorating America's First Wildlife Refuge, 105 Years. 14.240 14.060 7.240 7.060. QSL. W4OT - Vero Beach ARC, PO Box 2082, Vero Beach, FL 32961. *From the Refuge on The Barrier Island, west of route A1A.* [www.fws.gov/pelicanisland](http://www.fws.gov/pelicanisland)

**Mar 8, 1700Z-2359Z**, San Diego, CA. USS Midway CV-41 Museum Radio Room, NI6IW. Commemorating the Naval Aviator designation established in 1915. 14.325 7.250 14.060 7.040. QSL. USS Midway CV-41 Museum Radio Room, 910 N Harbor Dr, San Diego, CA 92101. [kc2gyv@yahoo.com](mailto:kc2gyv@yahoo.com)

**Mar 8-Mar 9, 1700Z-0300Z**, Florence, SC. Florence Amateur Radio Club, N4B. 50<sup>th</sup> Anniversary of the Atomic Bombing of Mars Bluff, SC. 28.330 14.290 7.263 3.920. Certificate. FARC - Mars Bluff Certificate, PO Box 5602, Florence, SC 29502-5602. *Times are daily. Other frequencies may be used.* [www.w4ulh.org](http://www.w4ulh.org)

**Mar 22-Mar 23, 1500Z-2300Z**, Corona, NY. Hall of Science Amateur Radio Club, WB2JSM. HoSARC 35<sup>th</sup> Anniversary. 21.300 14.250 7.225 3.800. Certificate. Hall of Science Amateur Radio Club, PO Box 150131, Kew Gardens, NY 11415. [www.hosarc.org](http://www.hosarc.org)

**Mar 29, 1300Z-1600Z**, Brampton, ON. Peel and Mississauga Amateur Radio Clubs, VE3XR. Ham-Ex Annual Hamfest. 14.265 7.260 3.750. QSL. Jeff Richardson, VA3QSL, 36 Crawley Dr, Brampton, ON L6T 2S1, CANADA. (*Remember, US postage not valid in Canada.*) [www.ham-ex.org](http://www.ham-ex.org)

**Mar 29, 1500Z-2200Z**, Macon, GA. Macon Amateur Radio Club, W4BKM. 26<sup>th</sup> Annual Macon Cherry Blossom Festival. 14.240 7.055 10.110 14.055. Certificate. MARC, PO Box 4862, Macon, GA 31208. [members.cox.net/w4bkm](http://members.cox.net/w4bkm)

**Mar 29-Apr 12, 0000Z-2359Z**, Paris, France. ARP Radio-Club de Paris, TM2I. 40<sup>th</sup> anniversary of the "Ville de Paris". 14.275 10.110 7.075 3.775. QSL. Association des Radioamateurs de Paris, ARP Radio-Club de Paris, 66 Avenue de la Republique, Paris 75011, FRANCE. *Award available for contact with all 5 special event stations. See URL for complete details.* [arp75.free.fr/PortailARP/img/DVP\\_regles\\_rules.jpg](http://arp75.free.fr/PortailARP/img/DVP_regles_rules.jpg)

**Apr 1-Apr 30, 0000Z-2359Z**, Quebec, QC, Canada. Club Radio Amateur de Quebec, VC2VQ. 400<sup>th</sup> anniversary of foundation of Quebec City. 14.150 7.070 3.780. QSL. CRAQ, CP 70021, Succ Quebec-Centre, Quebec, QC G2J 0A1, CANADA. [www.craq.qc.ca](http://www.craq.qc.ca)

**Apr 5, 0000Z-2359Z**, Tulsa, OK. Tulsa Health Department Amateur Radio Club, K5THD. Celebrating World Health Organizations World Health Day 2008. 14.273 7.273 14.070 14.230. Certificate. Dave Cox, Tulsa Health Department, 5051 S 129 E Ave, Tulsa, OK 74134. [www.tulsa-health.org/k5thd](http://www.tulsa-health.org/k5thd)

**Apr 5, 1500Z-1900Z**, Pine Bluff, AR. Pine Bluff Amateur Radio Club, K5DAK. 819 Steam Locomotive and Museum. 14.250. QSL. E. Glenn Wolf Jr, 210 S Estates Cove, White Hall, AR 71602.

**Apr 6-Apr 7, 0000Z-0500Z**, Independence, MO. Association of Saints Church Radio Amateurs, W0C. ASCRA "QSO Party" - Founding of Community of Christ church in 1830 and ASCRA in 1973. 14.287 7.233 3.985. Certificate. ASCRA/W0SHQ, PO Box 73, Independence, MO 64051. *This is not a contest. We invite all hams (and world-wide ASCRA members) to contact us. Include SASE for certificate.* [www.ASCRA.org](http://www.ASCRA.org)

→ **Apr 10, 0000Z-2359Z**, San Angelo, TX. AB5BG. Bataan Death March. 28.400 21.300 14.250 7.235. Certificate. Donald R. Goff, 1210 Ardmore, San Angelo, TX 76905. [ab5bg@wcc.net](mailto:ab5bg@wcc.net)

**Apr 11-Apr 12, 1330Z-2100Z**, Indian Orchard, MA. Titanic Historical Society, W1MGY. 96<sup>th</sup> Anniversary of the Titanic voyage. 14.260 14.033 7.260 7.033. QSL. Titanic Historical Society QSL, PO Box 51053, 208 Main St, Indian Orchard, MA 01151-0053. [www.hcra.org/titanic.htm](http://www.hcra.org/titanic.htm)

### Scanner Jack's Corner

*By Jack Roberts/KB5TMY*

Here are the FIPS codes for NOAA all hazards radios.

048451 TOM GREEN CO	
048081 COKE CO	
048095 CONCHO CO	
048235 IRION CO	
048399 RUNNELS CO	
048413 SCHLEICHER CO	
048431 STERLING CO	
GOODFELLOW AFB	
139.725 139.975 138.925 163.4625 142.175 138.125 143.550 MP'S	
154.950 TEXAS LAW 1 CARS 155.370 BASE	
173.125 MAINT	
140.7625 TRANS.	
173.5625 163.4875 165.0125 143.950 165.1625 165.0375 FD	
THUNDERBIRDS	
140.200 AM	142.550 AM
141.400 AM	142.575 AM OR FM
140.400 AM	235.250 AM
141.850 AM	114.950 AM
143.850 AM	118.000 AM
253.250 AM	118.100 AM
269.900 AM	120.450 AM
322.950 AM	123.540 AM
413.025 FM	122.850 AM
413.100 FM	

## CQ! DX de WB5ZAM



**Upcoming/Ongoing DXpeditions during March:** J20; YI; J5; 6W; 3B8; XU; C5; 3D2; C5; FR5; 3A; V3; 5X; V4; H7; HK0; PJ4; V8; H44; CT3; TX5; V25; FJ; HQ8; 9X; 5T; CE0Z; MD; MJ; 3W; 9M0; VK9L; KP2; VP5; 7P; JX; 5R. CQ WPX SSB 3/29-30.

**Island of the Month-Macao-XX9:** The **Macau Special Administrative Region**, commonly known as **Macau** or **Macao** is one of the two special administrative regions of the People's Republic of China, the other being Hong Kong. Macau lies on the western side of the Pearl River Delta, bordering Guangdong province in the north and facing the South China Sea in the east and south. The territory has thriving industries such as textiles, electronics and toys, and a notable tourist industry that boasts a wide range of hotels, resorts, stadiums, restaurants and casinos.

Macau was both the oldest and the last European colony in China. Portuguese traders first settled in Macau in the 16th century and subsequently administered the region until the handover on December 20, 1999. The Sino-Portuguese Joint Declaration and the Basic Law of Macau stipulate that Macau operates with a high degree of autonomy until at least 2049, fifty years after the transfer. Under the policy of "one country, two systems", the Central People's Government is responsible for the territory's defense and foreign affairs, while Macau maintains its own legal system, police force, monetary system, customs policy, immigration policy, and delegates to international organizations and events.



The population of Macau is estimated at 520,000, and is located at 22°10'N 113°33'. Total area is 28.2 sq km. The climate is sub-tropical, and is essentially land reclaimed from the sea. Macau's economy has enjoyed strong growth in recent years on the back of its expanding tourism and gaming sectors. Since opening up its locally-controlled casino industry to foreign competition in 2001, the territory

has attracted 10s of billions of dollars in foreign investment that have helped transform it into one of the world's largest gaming centers. In 2006, Macau's gaming revenue surpassed that of the Las Vegas strip, and gaming-related taxes accounted for 75% of total government revenue. The expanding casino sector and China's decision beginning in 2002 to relax travel restrictions, have reenergized Macau's tourism industry, which saw total visitors grow to 22 million in 2006, up 32% in two years. Macau's strong economic growth has put pressure its labor market prompting businesses to look abroad to meet their staffing needs. The resulting influx of non-resident workers, who totaled one-fifth of the workforce in 2006, has fueled tensions among some segments of the population. Macau's traditional manufacturing industry has been in a slow decline. In 2006, exports of textiles and garments generated only \$1.8 billion compared to \$6.9 billion in gross gaming receipts. Much of Macau's textile industry may move to the mainland because of the termination in 2005 of the Multi-Fiber Agreement, which provided a near guarantee of export markets, leaving the territory more dependent on gambling and trade-related services to generate growth. However, the Closer Economic Partnership Agreement (CEPA) between Macau and mainland China that came into effect on 1 January 2004 offers many Macau-made products tariff-free access to the mainland. Macau's currency, the Pataca, is closely tied to the Hong Kong dollar, which is also freely accepted in the territory. Industries are tourism, gambling, clothing, textiles, electronics, footwear, and toys. Again we found more info on Wikipedia than elsewhere. Also the CIA Factbook has tidbits



Wikipedia didn't.

**OSL of the month-9W2TG:** Goh in Malaysia shows off his shack in Johor, Malaysia. See you on the bands chasing dx. 73 de Bill.

## Concho Valley Two Meter Net

Date	NCS	Check-ins	Duration
4 Feb	KB5TMY	19	17 Min
11 Feb	KB5FNK	19	13 Min
18 Feb	KB5FNK	10	14 Min
25 Feb	None	n/a	n/a

This net meets every Monday night at 8 p.m. on the club's 146.34/.94 repeater. All amateurs licensed to operate on that frequency are invited to participate.

## Concho Valley Open FM Repeaters

2 Meter		70 centimeter	
145.27-	San Angelo PL 88.5	441.750+	San Angelo PL 162.2
or PL 100.0	for local transmit	442.250+	San Angelo PL 162.2
146.72-	Eldorado PL 100.0	444.225+	Robert Lee PL 162.2
146.88-	San Angelo	444.350+	San Angelo PL 162.2
146.94-	San Angelo PL 103.5		
147.06+	San Angelo	6 Meter Crossband	
147.34+	Robert Lee PL 88.5	147.30/53.63	San Angelo PL 88.5

## Around the Town

By LaRae Kent/KC5KXY

During mid January, Bill Tarn/AE5AW and wife Lvia took a cruise to Cancun to see if they might enjoy a longer cruise at a later date. Bill said he didn't feel like he got his money's worth and only brought home a cold and the flu. They are planning a trip to Guatemala to furnish a house they had build and will attend a special ceremony there around Easter.

Chad Goodman/KD5SMK and wife Cindy are to be congratulated on their new addition, Christian Blake, who arrived 6 weeks premature on December 6th. Hope Cindy & Christian are doing fine now.

Congratulations are also due the following club members:

- Jesse/KD5DFQ and wife had a new arrival 2/16/08—a 6 lb, 6 oz baby girl.

- Charlie/WB5T and Nan/KC5YTG for being married 29 years on Valentine's Day. They attended the February 14 club meeting after enjoying a celebratory dinner.

- Don Gallion/KD5NAI retired from the Police Department in February after more than 27 years. Don will be planning classes for the Criminal Justice System in three counties in his new career with the Concho Valley Council of Governments.

- Hughbert/KC5NPC and Mark/KE5KQG responded to Bronte and assisted with setting up beds for people evacuated from Robert Lee during the recent grass fires. Great work guys!

- We understand that Glenn/AA5PK's wife Janet is recovering from her third surgery since October 11. It appears her medical team has finally been able to stop the infection and she is much improved as of this writing. Good Luck Janet!!!



P.O. Box 4002  
San Angelo, TX 76902-4002

Get all the latest club news on the  
World Wide Web at [www.w5qx.org](http://www.w5qx.org)

### 2008 SAARC Officers:

President - Joe Kent/W5JBK  
Vice President - Gary Chaffin/N5GRC  
Secretary/Treasurer - Bob Freeman/KD5PIX  
Emergency Coordinator - Mike Dominy/KD5URW  
Activities Manager - Hughbert Robinson/KC5NPC  
Grounds Chairman - Ron Mecklenburg/KD5WXJ  
W5QX Trustee - Charlie Campbell/KC5EZZ

**SAARC Monthly Meetings:** 2nd Thursday,  
1930, clubhouse, 5513 Stewart Lane

**Annual Dues:** \$20, Sr. & Jr. \$10

**The Kilo-What:** Edited by Gary/N5GRC at 949-  
0186 or email [gchaffin@gmail.com](mailto:gchaffin@gmail.com)

**Article submission deadline:** Ten days prior  
to monthly club meeting.



**NEXT MEETING:**

**MATHIS FIELD CLUBHOUSE**