

# *The eKilo - What*

Monthly Newsletter of the San Angelo Amateur Radio Club

August 2014

## ***San Angelo Radio Club Officers***

*President:* Tom Austin/K4OTM

*Vice President:* Hughbert Robinson/KC5NPC

*Secretary/Treasurer:* Bob Freeman//KD5PIX

*Activity Director:* Gary Chaffin/W5ETJ

*Emergency Coordinator:* Mike Dominy/KD5URW

*Grounds Chairman:* Open

## ***Appointed Positions***

*SAARC Trustee:* Charlie Campbell/KC5EZZ

*Registered Agent:* Charlie Campbell/KC5EZZ

*Public Information Officer:* Matt Healy/W5MAT

## ***Club House Location***

Mathis Field  
5513 Stewart Lane

## ***Mailing Address***

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

## ***World Wide Web***

[www.w5qx.org](http://www.w5qx.org)

## ***eKilo-What***

[norrispeter26@gmail.com](mailto:norrispeter26@gmail.com)

## **SAARC COMING EVENTS**

### **GENERAL MEMBERSHIP Meeting**

September 11, 7:30 PM at the Clubhouse

### **ARES Meeting**

September 18, 7:00 PM at the Clubhouse

## **Other Events**

September 20th - Lily Fest  
with Special Events Station 9 AM - 2 PM

October 11th - SAARC Club's 90<sup>th</sup> Birthday  
Party

December 6th - SKYWARN Recognition Day

## **SPECIAL EVENTS STATION ACTIVITY**

Special Event Stations begin operating almost daily with many lasting several days. The most recent count shows 28 in the month of September. Many offer special QSL cards or certificates.

At least two are operating on September 20th in addition to our Lily Fest station. The Nashville Amateur Radio Club's (<http://k4cpo.org/>) 80th Anniversary is being celebrated and stations will be on 28.480, 14.280, 14.070, 7.280, K4CPO. The Greyson County (Sherman) Texas Amateur Radio Club will be celebrating their 20th Anniversary on 14.070 and 7.070 PSK31 and 14.250 and 7.250 SSB, K5GCC ([www.k5gcc.org](http://www.k5gcc.org)).

## Meeting Minutes

Minutes from August 14th, 2014 monthly meeting for the San Angelo Amateur Radio Club.

The meeting was called to order by Tom Austin, K4OTM at 7:38pm. It was opened with the Pledge led by Buddy Parker, KD5SBE and followed by the introduction of all in attendance.

The minutes for July's meeting was posted in the e-Kilo What and were approved as written.

There was no treasury report presented.

The program for this month was introduced by Hughbert Robinson, KC5NPC and covered an overview of D-Star. Gary Chaffin, W5ETJ presented the program immediately follow the regular meeting.

### Old Business:

On September 20th the club will be holding a Special Event Station in honor of the Lilly Fest down town. All ham operators are welcome to man the Special Event Station.

On October 11th, the club will be having it's 90th Birthday party. There will be a tailgate party as well as cake. The club will be operating a Special Event Station for the occasion.

Tom Austin, K4OTM said he was getting with Charlie Campbell, KC5EZZ to let him know there is still a problem with the 145.270 repeater. Once that repeater is repaired, it will become our primary repeater for the area.

### New Business:

The bearings are going out on one of the a/c units at the club house. Ralph Stout, KA5ULE will look into a kit to repair the issue.

The refrigerator is on its last leg; it is leaking oil and that is an indication it has enjoyed its useful economic life.

Jack Roberts, KB5TMY gave a report on the wild fires where he was able to supply critical communications to the fire fighters on scene.

David Behrend, KB5FNK won the spilt the pot this month.

The motion was made to adjourn the meeting by Matt Healy, W5MAT and seconded by Bob Heiser, K7IKT. The motion carried and the meeting was adjourned at 8:07.

Bob Freeman, Secretary/Treasure, submitted by Matt Healy

### Lubbock Hamfest Approved

West Gulf Director David Woolweaver K5RAV has approved the application of the Lubbock Amateur Radio Club to hold an ARRL approved hamfest in Lubbock on October 18th. This event will be held at the Noble Stidham Memorial Clubhouse located 1110 98th Street.

Contact person for the event is Gary Harrold WA5TED and he can be contacted by email at [gary@benden.com](mailto:gary@benden.com). Make plans to attend!

Bill Roberts W5NPR

## Technician Class

Glenn/AA5PK, VEC, reported three Technician Licenses and one upgrade to General were granted as a result of classes that ran from Friday, August 8th through August 12th at the clubhouse.

The successful test takers were:

MCWILLIAMS, DIANE A	KG5DOB T
PINKERTON, JOHN M	KG5DNZ T
ROBBINS, DAWNA B	KG5DOA T

KG5BQE upgraded to General.



Thanks to Don/N5SVK for the photo - Ed.

## ARRL

This was sent to me by George K5BMR in Lubbock. PLEASE READ AND TAKE ACTION!!!

A bill before Congress (HR.4969) to ease restrictions on amateur radio antennas, towers, etc. Anti-Antenna Restriction Bill:

Currently House Resolution (HR) 4969, is a bill before Congress that deals with easing restrictions on antennas, towers, etc. for amateur radio operators. It is currently in the committee chaired by Congressman Greg Walden W7EQI from Hood River.

HR.4969 would require the FCC, within 120 days of the Bills passage, to amend the Part 97 Amateur Service rules to apply PRB-1 coverage to include homeowners' association regulations and deed restrictions, often referred to as "covenants, conditions, and restrictions" (CC&Rs). PRB-1 states that local governments cannot preclude Amateur Radio communications; they must "reasonably accommodate" amateur operations, and the state and local regulations must be the minimum practicable regulation to accomplish a legitimate governmental interest.

You can read about it here:

<http://www.arrl.org/news/view/house-bill-would-require-fcc-to-extend-prb-1-coverage-to-restrictive-covenants>

You can sign a petition to Congress urging them to act here:

<http://www.change.org/petitions/u-s-house-of-representatives-co-sponsor-hr-4969-the-amateur-radio-parity-act-of-2014?recruiter=103114690>

Bill Roberts W5NPR

Having dealt with a HOA in Ft. Bend County using PRB-1, this is an important piece of legislation - *Ed*.

### SOTA

North America SOTA Activity Weekend 2014 is a casual event involving tiny battery-powered radios on mountain summits. It is not a contest but is intended to introduce "Summits on the Air" to newcomers with home stations who try to work summit operators during one or two days. There are no rules regarding power levels, modes or number of bands worked, but please be courteous when more than one station is trying to talk to a SOTA operator on a summit. The SOTA operators have just climbed mountains as high as 14,000 feet; they use low power; and they don't receive on split frequencies.

Check SOTAWATCH.org to spot who is on which mountain. Summits are numbered, and you can hover your cursor over the number to see the name and point value for each summit. Expect the website to show activity near 7.032, 7.185, 10.110, 14.342, 18.095, 18.155, 21.350, 24.905, 24.955, 28.420, 146.52, 446.00, and 61 Khz up from the bottom of 20, 15, and 10 meters CW. Participants are invited to collect points toward certificates and trophies offered by the twelve-year-old international SOTA group ([SOTA.org.UK](http://SOTA.org.UK)). As we learned in past years, this is a barrel of fun for both hill climbers and home operators.

See you then.

Elliott Pisor K6EC

## Of Interest

Call for Volunteers!

If you enjoy the desert and Big Bend area of West Texas...

If you enjoy the challenge of camping out in the wilderness in winter time...

If you can afford several days of vacation in January...

Maybe you would like to visit the historic and naturally scenic Big Bend Ranch State Park.

Located between Lajitas and Presidio where Ranching and Mining were once the driving forces of economy in the area. The Big Bend Ranch State Park is a wonderfully preserved area of the Big Bend Border Land covering over 300,000 acres.

For 6 of the last 9 years, Carroll Voss KF5KQA, of Overland Race Management, has organized and directed Ultra Run foot race events in Big Bend National Park. It has been very popular with the runners and an enjoyable outing for the support volunteers. The Big Bend Amateur Radio Club has organized the communications for the event and the San Antonio Area HAMS have assisted with a good number of HAM volunteers.

On January 18, 2015, Sunday of the Martin Luther King Jr. holiday weekend, Carroll is kicking it up a notch with the Buena Suerte 50 Mile / Quick Silver 30 K Ultra Run in the Big Bend Ranch State Park. Some of the single tracks, creek beds, and unmaintained sections of the course in the Big Bend Ranch make the Course Roads of the National Park look like super highways for the runners.

We are going to need HAM volunteers for the run in Big Bend Ranch State Park, but most of the stations will need volunteers with short wheelbase, high clearance 4-wheel drive vehicles and hardy individuals who would like to do some primitive camping out for a couple of days in some of the most remote wilderness of the Chihuahua Desert. There will be a need for a number of HAMS at the Saucedo Ranch Headquarters in the Park which can be reached with 2-wheel drive with a reasonable ground clearance, but not accessible to RVs. And there will be a need for a few extra hands at the Barton Warnock Center in Lajitas where the Start/Finish, Net Control, and Race Headquarters will be located. It is located right off FM-170, the highway between Big Bend National Park and Presidio, and requires no special vehicles. There is the Maverick RV Park in Lajitas.

Anyone interested in volunteering for this event is encouraged, First of All, to visit the [bigbend50.com](http://bigbend50.com) web site for more information on the race. Be sure to visit the section for "Radio Operators." In that section I have posted a kmz file for Google Earth users that should be helpful. Also visit the Big Bend Ranch State Park web site at <https://www.tpwd.state.tx.us/state-parks/big-bend-ranch> for details about the Park, camping rules and reservations, road conditions, etc.

Then if interested in volunteering contact;

San Antonio - Central Texas: Charles Land KC5NKK, [charlesdland@gmail.com](mailto:charlesdland@gmail.com)

Big Bend and West Texas: Bill Baker W5ATO, [w5ato@arrl.net](mailto:w5ato@arrl.net)

For more info;

<http://www.bigbend50.com/>

<https://www.tpwd.state.tx.us/state-parks/big-bend-ranch>

<http://www.bigbendarc.com/>

<http://www.sanantoniohams.org/>

<http://www.overlandracing.com/>

## Technical

### Even more on Solar Panels

In the July issue of the *eKilo-What*, the diode resistance for the model in Figure 1C was given as  $R = r_d + R_b$ , where  $r_d$  was said to be approximately  $25/I$ , and “I” was the current (DC) through the diode. This is a dynamic (alternating current) resistance on the IV characteristic at I. This is the slope of the curve at point I. The DC voltage at this point is not  $I \cdot (25/I + r_d)$ . The DC voltage across the diode is found from the IV curve at I.

The sum of the two resistances was called “R”, where it should have better been shown as “r” to indicate a small signal (ac) quantity. This quantity is important in the curved portions of the IV curves in Figure 4. It can be found from the diode equation or the *change in voltage/change in current* at the current I on the IV curves:

$r = (V_2 - V_1) / (I_2 - I_1)$ , where the two voltage and currents are equidistant on either side of a point I.

Questions or comments? Contact Pete/KJ5SS at 325-617-4387 or [norripeter26@gmail.com](mailto:norripeter26@gmail.com)

## DX

### DX, DXer, DXing, etc.

Radio Shack’s *Dictionary of Electronics*, Fourth Edition printed in 1974, offers the following definitions:

“DX – 1. Abbreviation for distance. 2. Reception of distant stations.”

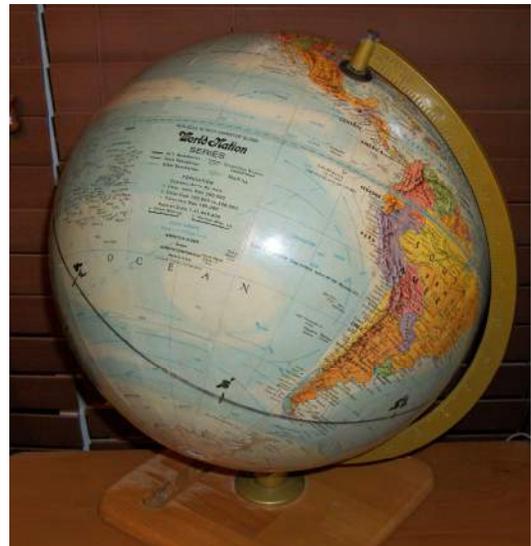
“DX hound – Amateur who specializes in making distant contacts.”

The *Passport To World Band Radio*, 1992 Edition by IBS, says:

“DXers. From an old telegraph term “to DX”; that is, to communicate over a great distance.” and “Only 1% . . . are considered to be regular DXers . . .” I think that might be low today.

My ARRL *Operating Manual*, Fourth Edition (1991), tells us, “. . . today it generally means amateur stations in foreign countries.”

A handy tool to determine what direction to the target is described in the *Operating Manual* is described as “A Simplified Direction Finder”. A world globe is removed from the mount (the semi-circular support, called the brazen meridian, if you like). Holes are drilled at your location and on the opposite side of the globe to accept the support pins. The location of the second hole is located at the negative of your latitude, about  $-30^\circ$ , or  $30^\circ$  S, for San Angelo. For the longitude, use  $100^\circ - 180^\circ$ , or  $80^\circ$  E. Remount the globe with the North mount pin in your location. Using a marker pen placed at  $0^\circ$  (the old equator), rotate the globe to mark the new equator. North and South are determined from the old North and South poles (holes) in the globe. The  $360^\circ$  may be divided to any level in degrees or in terms of the cardinal directions. Distance can be determined from strip of paper marked with a scale base on  $180^\circ$  equals 25,000 miles and subdivided as desired.



Some will probably say, “Why bother when a computer is available?” I would answer, “Where is the romance in that?”

Readers are invited to write about their DX experiences or anything related to the subject.

Questions or comments? Contact Pete/KJ5SS at 325-617-4387 or [norripeter26@gmail.com](mailto:norripeter26@gmail.com)

**DX****I'll Have A "DX on the Rocks"****BS7H: An Obsession**

Since I'd missed out on both the '95 and '97 BS7H DXpeditions, first news of an upcoming 2007 Scarborough Reef endeavor piqued my serious interest; numero uno, top of the list! From that moment on, what began as a pleasant DX fantasy started to grow on me. When the BS7H party got underway at sea, bound for the Reef, my lust for further news continued to grow even more, as did the anxiety of maybe working a rare one. Having invested much vigor in many a DX wild-goose chase, here's the real thing.

In the meantime, making all ready at the W5CN shack kicked off in a flurry: Transceiver and tuner tested and retested; all posted BS7H QRGs put in TX/VFO memory; my cherished Vibroplex Blue Racer bug's contacts cleaned and adjusted; no kinks in the *Trimm Featherweight* headset cord; a 12-element log periodic pointed on a 318-degree bearing; another 24-hour clock in the shack set to Hong Kong time. At a glance; Reef, CDST, and Greenwich, all in a row. A three-clock, visual layout gives one a feel for where day and night are, and when the sun's rising or setting in the South China Sea.

Vis-a-vis the above, and with no big-gun-contest-high-score aspirations, I was once on the DX end myself, walked in those shoes during my 1959/60 VP5ME days on Grand Turk Island. At that QTH, ten watts loaded into a wet string hung out the window would raise a big fat stateside pileup quicker than you could utter the great name of Hiram Percy Maxim. It was if they were lying in wait, ready to pounce, if I dared hit the ether with my call. It was that eruptive, smack in their backyard, right down their throats. That I was a Little-Pistol islander with a big-bang-shotgun of an antenna--a 400-foot-long abandoned powerline (and counterpoise)--made for blaring, super-easy, armchair DX on their end. On the VP5ME side, it was never-ending, deep, and overstuffed pileups. During certain hours, those from EU, JA, SA, were easier to control. But I relished every minute of it, being the only CW station in the islands during those years, ending up with third-highest world score in the ARRL 1960 DX Contest. At least a dozen ops offered to be my QSL manager. After a continuous (non-contest) four-hour bout on 40m, when I sent; PSE QRX 1 HR, some churlish malcontent shot back: LID...LID. It occurred more than once.

Nowadays, I merely savor chasing new DX (whenever I feel like it) with 100 watts maximum. Four years ago, the SB200 amplifier went bzzz-bzzz-QRT-kaput from a beer-spilling incident. Having never fixed it, I've run a barefoot transceiver ever since.

Now, back to the BS7H affair.

**Press Release #7 -- "Ship in lagoon, station building proceeding"**

On reading that, my excitement level went QRO, up three more db. But just cool it now, set the dial on 14024, listen and wait, follow the scarboroughreef.com news bulletins. During this BS7H, pre-QRV vigil, I now know my fantasy of really working the Reef had enlarged into a full-blown, personal OBSESSION: NOW or NEVER! Had I succumbed to the DX-Greed syndrome? And this jittery watch was not without a few flashes of inner panic: What if there's a power outage? OK, in the garage is a portable generator. But what if the rig (age-22 TS-930S) crapped out? The backup Kenwood is way out at our West Texas QTH. And what if some South China Sea calamity befalls the Reef itself--maybe a big one blows in? As we know, tsunamis do happen! What about lightning? What if Godzilla showed up, crashed the party? What if...what if. As these morbid thoughts came and went, I reconsidered: BS7H's sojourn on the rocks is planned for several days, and those Reef ops are world-class, old hands at their craft; a gathering of top-drawer DXpedition stalwarts. They know the weather and the Reef and won't do anything dumb. And yes, we're nulled out on the SP-cycle; so what?! But it's NOW or NEVER!

**Press Release #10 -- "One station on the air"**

With a cool morning here, there he was on 14024 at 1350Z, three minutes past QRV, and an RST 439 sig over a darkness path. He was doing mostly EU and JA, I think. Tuning upband, the pileup on 14026 and above was dense and glutted with the stronger NA sigs. To say the least, it was intimidating. I'd have to settle for LATER or Never? A few days left, maybe the pileups will thin out over time--I've seen so on other occasions. Maybe at local sunrise I can get him on 40m, or possibly later on 17m over a daylight path.

**Press Release #11 -- All stations on air, and "It's just that hard"**

That poignant commentary from 9V1YC, "It's just that hard," and the later interview with him by OE1WHC, forced a sea-spray, craggy essence of "life on the rocks" right into the midst of many a secure and cozy hamshack. He told it like it is. Good show, James!

As the hours dragged on, bandhopping around, guided by best NA-Reef propagation instincts, I followed the pileups, strung out more, some 30kHz upband and beyond. Using RIT or the instant-up button to find a park-and-call spot, I failed to find any "5NN T-U" markers in the calling-band melee. It's hard to tell how far upband a Reef op would listen, or what his tuning pattern is. Yet the pileup density-distribution can appear quite different on his end.

And here I was, a Little Pistol up against Big Guns (some on steroids?) mowing me down, wherever I popped up, but persist I did. I felt like a Little Pistol just shooting blanks.

I decided to park at the thinner top edge (sometimes beyond), and give it a try. All nil. As if being followed up there, everyone else had the same idea.

**Tantrum**

Although minor LID stuff here and there is bothersome, such incidents are usually accidental as in any rare-DX quest. But some are gross, from naive passers by (and a few alligators?), many were appropriately handled. Although I have no active DX-cop reflexes myself, when I hear a brisk U-P, only once on a clear frequency, it isn't particularly annoying. I even pulled a little CW faux pas once myself, blurring out W-5-C-N on 14024, forgetting to switch the rig back to split-op, and got stung with a polite U-P. I was a bit embarrassed. But what ran amuck were those prolonged, raucous LID and ASS-calling episodes; a madness feeding on itself. Suffering these DX cops doing their CW brawling and shooting matches, I thought it's too bad they can't just kill themselves off, or somehow cancel each other out.

And even more loathsome was the willful QRM and jamming, squashing many a QSO. Transmission modes ran the gamut, variations on an old theme: raw carrier, dit strings, dah strings, swishing, booble-booble, a sick bird, and the barking dog. So to all you slimy-keyed, wave-jamming degenerates: May the mighty wrath of the Wouff Hong be visited upon your foul-fisted being. May you eternally endure the pain and agony of the Rettysnitch. Moreover, I'd imagine such wanton QRMers and ham-band rabble of that ilk must get some kind of personal charge (pathological empowerment?) out of inflicting their malice on the rest of us and the DXpeditioners. I'd fancy that a well-placed lightning bolt aimed at each of those depraved, radio-pervert's antennas would give them the REAL charge they deserve.

For my own DX annals, I tape recorded some examples of this noxious garbage. It seemed to me the BS7H DXpedition attracted more radio thugs and ruffraff than I've ever heard before. Other DXers I know suspect so as well. Also, I wonder if the advent of internet DX clustering and so-called "cluster crabs" has anything to do with it. I don't know. So be it, end of tantrum.

Submitted by E. Marcus Barnes/ K5CN. To be continued in the next issue of the eKilo-What.

Scarborough Reef is located at 15° 11' N 117° 46' E, in the South China Sea and about 8700 miles from Richmond, Texas, at about 320°. - Ed.



**For Sale**

Below is a list of radio equipment owned by Rob Mowrer/N5OIU, now SK.

- Kenwood MC-80 microphone - \$70
- Kenwood TM-G707 dual band mobile - \$150
- Kenwood TM-241A 2 meter mobile - \$90
- Alinco DR-110 2 meter mobile - \$85
- Yaesu FT-60R dual band handie-talkie w/spare battery - \$175
- Realistic PRO-2040 scanner - \$80
- Realistic HTX-202 2 meter handie-talkie- \$35
- Astron RS-25M power supply- \$125
- Astron RS-12A - power supply \$45
- Cushcraft Ringo Ranger II 2 meter vertical- \$50
- Hustler G6-270R dual-band vertical- \$75

If you are interested in any, contact Gail Mowrer at 942-7599 (evenings) or e-mail her at [glmowrer@aol.com](mailto:glmowrer@aol.com).

Glenn AA5PK

**Scanner Jack's Corner**



HERE ARE THE INTEROPERABILITY FREQUENCIES THAT ARE USED IN TOM GREEN COUNTY:

155.7525 VCALL10, 151.1375 VTAC11, 154.4525 VTAC12, 158.7375 VTAC13, 159.4725 VTAC14, 154.280 VFIRE21, 154.265 VFIRE22, 154.295 VFIRE23, 154.2725 VFIRE24, 154.3025 VFIRE26, 155.340 VMED28, 155.475 VLAW31, 155.4825 VLAW32, 453.2125 UCALL40D, 453.4625 UTAC41D, 453.7125 UTAC42D, 453.8625 UTAC43D, 851.0125 8CALL90D, 851.5125 8TAC91D, 852.0125 8TAC92D, 852.5125 8TAC93D, 853.0125 8TAC94D.

NOTE: D IS DIRECT

FROM SCANNER JACK ROBERTS KB5TMY

**Upcoming Hamfests/Conventions**

Date	Event	Location	Information
9/13/2014	Ada Hamfest 2014	Ada, OK	<a href="mailto:kd5nqa@yahoo.com">kd5nqa@yahoo.com</a>
9/27/2014	Gainesville Hamfest 2014	Gainesville, TX	<a href="http://www.gainesvillehamfest.org">http://www.gainesvillehamfest.org</a>
10/4/2014	Ham Expo	Belton, TX	<a href="http://www.tarc.org/hamexpo/">http://www.tarc.org/hamexpo/</a>
<b>10/18/2014</b>	<b>Lubbock Amateur Radio Club</b>	<b>Lubbock, TX</b>	<a href="mailto:gary@benden.com">gary@benden.com</a> .
10/24/2014	Oklahoma Section Convention (Texoma Hamarama)	Ardmore, OK	<a href="http://www.texomahamarama.org/">http://www.texomahamarama.org/</a>
11/1/2014	Enid Hamfest	Enid, OK	<a href="http://www.enidarc.org/ENIDHAMFEST">http://www.enidarc.org/ENIDHAMFEST</a>

Hamfests and Conventions are listed for all Texas, Oklahoma, and New Mexico. -Ed.

## Of Interest

**Let's Eat!**

The current Eating Schedule for TGC Hams is:

Wednesday, 8:00 AM, T-Bears Café, 2105 Knickerbocker Rd

Thursday, 9:00 AM, McDonald's (Wal-Mart), 5501 Sherwood Way

Saturday, 7:30 AM, T-Bears Café, 2105 Knickerbocker Rd

Saturday, 9:00 AM, McDonald's (Wal-Mart), 5501 Sherwood Way

## HF Nets of Note de Gary Chaffin/WSETJ

NET	DAYS	LOCAL TIMES	DIAL
Concho Valley Ragchew Net	S-M-T-W-T-F-S	0600	1900*
Concho Valley Ragchew Net	S-M-T-W-T-F-S	1700	3825**
7290 Traffic Net	M-T-W-T-F-S	1000 - 1200	7290
7290 Traffic Net	M-T-W-T-F	1300 - 1400	7290
Texas Traffic Net	S-M-T-W-T-F-S	1830 - 1930	3873
Central Gulf Coast Hurricane Net	S-M-T-W-T-F-S	1900 - 2000	3935
Texas ARES Net	Monday	1930 - 2000	3873
Big Bend Emergency Net	Sunday	0830 - 0930	3922
Texas Trader's Net	Sunday	0900 - 1000	7245
Concho Valley 6 M Roundtable	Sunday	2100	50.135

\* Alternate frequency: 3825. \*\* 7212, or close, for summer months.

**Emergency Communications**

de Mike Dominy/KD5URW - Emergency Coordinator

**Tom Green County ARES Net**

Meets every Monday night at 8:30 CST (2030 hr) on the 444.350 MHz (PI 162.2) (N5SVK). Other frequencies are announced on the Concho Valley Net at 8:00 pm.

**ARES meets the 3rd Thursday at 1900 of each month at the Clubhouse unless announced otherwise on the Monday net.**

**ARES Net Report**

Date	Net Ctrl	Check-ins	Time	Freq
8/4	KD5URW	18	13	444.350
8/11	KD5URW	12	9	444.350
8/18	KD5URW	10	11	444.350
8/25	KD5URW	15	13	444.350

**Concho Valley**  
**Two Meter Net**

<u>Date</u>	<u>NCS</u>	<u>Check-ins</u>	<u>Duration</u>
8/4	KB5FNK	20	15 min
8/11	KB5FNK	17	12 min
8/18	KB5FNK	23	19 min
8/25	KB5FNK	16	11 min

This net meets every Monday night at 8 p.m. on 145.27 or 146.94 as an alternate repeater. All amateurs licensed to operate on that frequency are invited to participate.

**Concho Valley Open FM Repeaters**

**2 Meter**

145.27- San Angelo PL 88.5  
 146.88- San Angelo PL 88.5  
 146.94- San Angelo PL 103.5  
 147.06+ San Angelo No Tone  
 147.30+ San Angelo PL 88.5  
 146.72- Eldorado PL 100.00  
 147.34+ Robert Lee PL 88.5  
 146.90- Brady PL 162.2  
 147.36+ Brady PL 114.8 (Echo Link Node)  
 Echo Link: N5TBR-L Node#920069  
 145.7850 Simplex PL-88.5  
 147.39+ Eden PL 114.8

**70 centimeters**

441.750+ San Angelo PL 162.2  
 442.250+ San Angelo PL 162.2  
 444.225+ Robert Lee PL 162.2  
 444.350+ San Angelo PL 162.2  
 444.875+ Brady PL 162.2

**6 M**

53.63- San Angelo PL 88.5 Linked to 442.25 Repeater

**New Member Application/Membership Renewal**

Membership renewals are due in January 2013. Regular memberships: \$20, Each additional family member: \$5; Seniors (age 65+) and Juniors (under age 19): \$10, Renewal package deal: 5 years for \$80, Associate members: \$20

**Dues may be paid to the secretary at any club meeting or mailed to the club's post office box.**



**Application  
for  
Membership**

\_\_\_\_\_  
 Last Name:                      First Name:                      Call Sign:

\_\_\_\_\_  
 License Class:                      Year First Licensed:                      Previously Held Calls:

\_\_\_\_\_  
 Mailing Address:

\_\_\_\_\_  
 Physical Address (if different from above):

\_\_\_\_\_  
 City:    State:      ZIP:

\_\_\_\_\_  
 Home Phone:                      Work Phone:                      Cell Phone:

\_\_\_\_\_  
 E-mail address:

I hereby give permission to publish the above information in the club's membership roster which is distributed to all club members. Check here  if you do not want your e-mail address linked on the club's Web site.

Signature	Date
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