

## ARRL Field Day 2015 • June 27–28

A fun time for the San Angelo Amateur Radio Club!

# 2015 ARRL FIELD DAY



By Ken Grimm / KG5BPY

What an experience!

It promised to be just a cool, breezy day — perfect for a nice 2015 ARRL Field Day.

A small rain storm with a well-defined rain shaft formed to the west and radar indicated it was passing over the Twin Buttes Reservoir, just a few miles away.

Then a very small updraft formed to the north of the staging site and began to grow. And grow. RAPIDLY started growing!

A large rain event was developing and heading straight for ...*Continued on page 3* 

#### **OPERATIONS AT SAM'S CLUB**

Club members quickly got the command tent relocated to higher ground after a torrential downpour earlier in the day. All of the equipment and public relations material got moved in time, and members bravely held on to the tents during the high winds and pounding rain to keep them from flying off into the Sam's Club parking lot.

Despite the rough start thanks to Mother Nature, the club got up and running quickly and made many contacts. **Photo credit: David Wolfe/KA5VTG** 

Facebook: SJTAmateurRadioClub • TGC.ARES

## **Concho Valley Two Meter Net**

This net meets every Monday night at 8:00 p.m. (2000) on 146.94/103.5 or 145.27/88.5 as an alternate repeater. All amateurs licensed to operate on that frequency are invited to participate.

\*NCS = Net Control Station

Date	NCS	Check Ins	Duration (minutes)
7/6	KB5FNK	13	12
6/29	KB5FNK	14	10
6/15	KB5FNK	18	19
06/1	KB5FNK	15	15

## Thank you!

From Beth Lehmann (Note: Ralph Stout/KA5ULE and Ken Grimm/KG5BPY gave presentations to teachers and administrators at the STEM (Science, Technology, Engineering and

Mathematics) Conference. This is a nice note received from the promoters of the event.)

The Region 15 STEM Committee would like to thank you for making our first STEM Expo a great success. Time and effort put into your presentation was truly valued and appreciated. We hope that you will join us again at next year's STEM Expo August 1st and 2nd, 2016.

## San Angelo Amateur Radio Club Officers

President: Hughbert Robinson/KC5NPC Vice President: David Behrend/KF5FNK Secretary/Treasurer: Bob Freeman/KD5PIX Activity Director: Ken Grimm/KG5BPY Emergency Coordinator: Bill Hinds/KG5BQF Grounds Chairman: Ralph Stout/KA5ULE

## **Appointed Positions**

SAARC Trustee: Charlie Campbell/KC5EZZ Registered Agent: Charlie Campbell/KC5EZZ Public Information Officer: Matt Healy/W5MAT

## **Mailing Address**

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

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## Concho Valley Open FM Repeaters

#### <u>2 Meter</u>

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)
147.39+	Eden PL 114.8

#### 70 centimeters

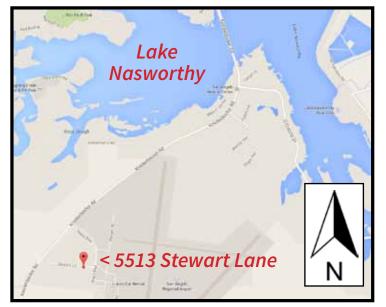
441.750+ San Angelo PL 162.2
442.250+ San Angelo PL 162.2
444.225+ Robert Lee PL 162.2
444.350+ San Angelo PL 162.2
444.875+ Brady PL 162.2

#### 6 Meter

53.63– San Anglo PL 88.5 Linked to 442.25 Repeater

#### D-Star

444.550+ KG5CNG



#### **Club House Location** 5513 Stewart Lane, Mathis Field, San Angelo, TX

www.w5qx.org



A storm cell producing torrential downpour makes a bee line straight for the 2015 ARRL Field Day staging site at the corner of Southland and Sherwood Way at Sam's Club. Members were able to secure all of the electronics and informational material before the downpour began. The dignity of the members took a hit when all got soaked to the bone being pummeled by high winds and rain, holding on to the tents to keep them from flying away. Photo credit: Ken Grimm/KG5BPY

the staging site (see photo above).

Mike Dominy/KD5URW, site coordinator, started directing the members on how to secure the site for what was coming. Members scrambled to get equipment and all of the informational collateral in safe places, out of the path of the oncoming rain storm.

Everyone went into overdrive and got the site as secure as it could be, and then the outflow winds hit and then the rains. Lots of rain. Pouring rain. Driving rain.

The tent stakes came out of the ground and the wind strained the tents against the poles — members grabbed the poles and held on for a wild ride that seemed to last forever — it was really about 15-20 minutes — but seemed like it would never stop.

In that short time, at least 2 inches of rain was delivered, flooding the surrounding streets and leaving significant standing water at the site.

It was several hours later before the site was dry enough to move the entire operation to a different, higher area of the lot. W5QX was finally on the air, making contacts!

All of the radios used in the exercise operated "off the electrical grid." None were plugged into an electrical outlet,

all were on batteries, generators, solar power or wind power. This national exercise tested our equipment and capabilities as well as honed our communication skills over the air. In addition, Glenn Miller/AA5PK talked with satellites and ...Continued on next page

## SAARC Field Day Video

Check out the awesome video put together by club member David Wolfe/KA5VTG!

Click here to enjoy > https://www.youtube.com/ watch?v=meCb1IgNgRI



San Angelo Amateur Radio Club Field Day Activities June 27-28, 2015

Sam's Club parking lot

tried contacting the International Space Station.

After the reset after the visit from Mother Nature, radios were fired up and contacts started being logged.

That afternoon, a pot luck dinner was offered up, and delicious fare was available to the 37 members that participated on Saturday.

The next morning, Hughbert Robinson/KC5NPC, provided his famous breakfast burritos for the team, fueling the members up for a final day of making contacts and

having fun.

At the end of the contest period, the site was broken down, trailers loaded up, and a convoy made its way back to the clubhouse to put away gear until the next exercise.

The purpose of the exercise — to test members of the San Angelo Amateur Radio Club's ability to communicate locally, county-wide, state-wide and nation-wide in an event of a significant natural disaster or national emergency was achieved.



Scenes from the San Angelo Amateur Radio 2015 ARRL Field Day held June 27-28th at the corner of Sam's Club on Sherwood Way and Southwest Blvd. *Photos by David Wolfe/KA5VTG and Ken Grimm/KG5BPY* 

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www.w5qx.org









www.w5qx.org

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#### Lots of publicity

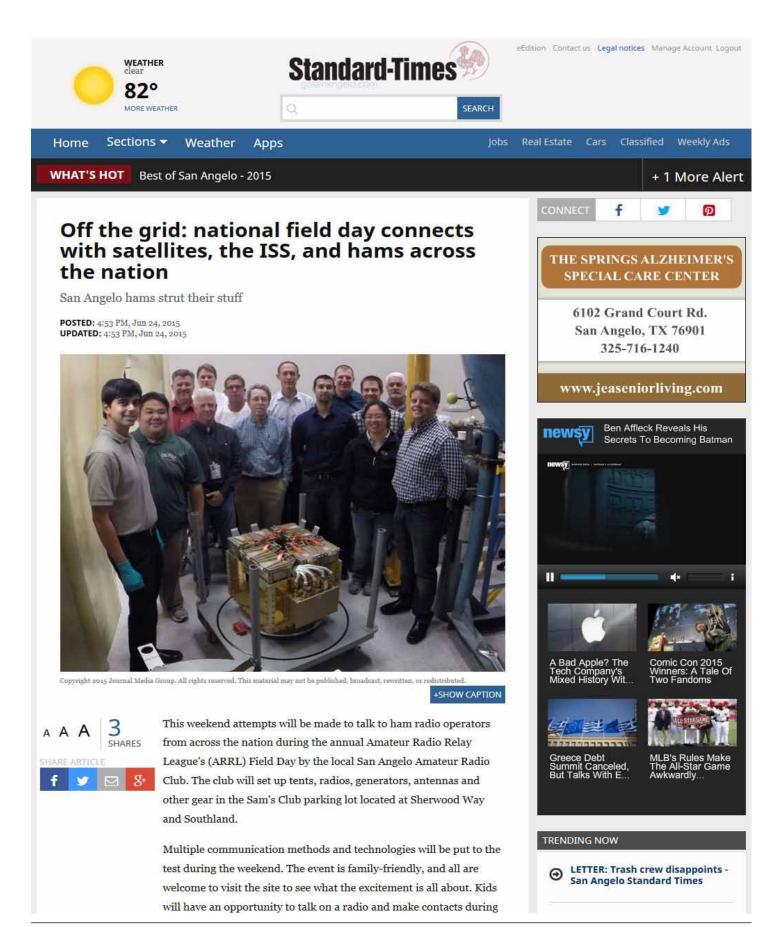
A promotional article was posted on websites for KGKL-FM and KGKL-AM: http://975kgkl.com/san-angelo-amateur-radio-participate-in-field-day-activities/

- Total public service announcement mentions by local radio stations:
- KGKL-FM: about 15 (10 recorded PSAs and 5 live mentions)

- KKCN-FM: about 10 (8 recorded PSAs and 2 live mentions)
- KGKL-AM: 25 (11 community calendar mentions and 14 recorded PSAs)
- KNRX-FM: 12 (all recorded PSAs
- KELI-FM: 27 (15 community calendar mentions and 12 recorded PSAs)
- This article ran in the local news website gosanangelo.com: http://bit.ly/1LZIEvU



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*Article for the 2015 Field Day that appeared in the online newspaper GoSanAngelo.com. Read the article here: http://bit.ly/1LZIEvU* 

www.w5qx.org

## Tom Green County Amateur Radio Emergency Service

The Tom Green County ARES group meets the third Thursday at 7:00 p.m. (1900) of each month at the Clubhouse unless announced otherwise on the Monday net.

#### The Tom Green County ARES group is sponsored by the San Angelo Amateur Radio Club.

#### By Bill Hinds/KG5BQF

• Looking at having a SET sometime in October

• The next ARES Meeting will be held at 7:00pm on July 16th at the clubhouse

• The new Section Manager for SW Texas is Ron Harden, KB5HGM from Abilene. (See West Texas Section News article on page 12)

## TGC-ARES gets a new training manual

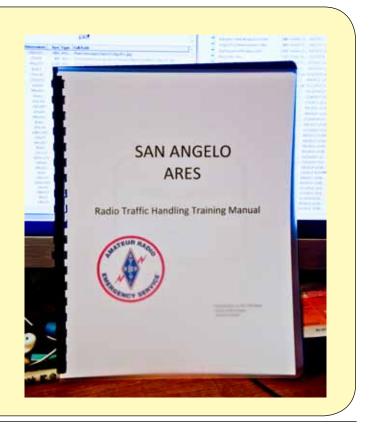
Chuck and Max Dixson (K5QZQ and K5FDC) have provided the TGC-ARES members with a book "Radio Traffic Handling Training Manual."

The book is a recap of "Traffic Training" by Jo Ann Keith/KA5AZK, first written in September of 2013.

- Some of the topics addressed are:
- What is traffic?
- Why learn traffic handling?
- Basic net operations
- The 4 parts of a message
- Many form examples, common procedures, call signals, abbreviations, and so much more!

This is a must-have for members, chock full of useful and relevant information for handling traffic in a mature and professional manner.

TGC-ARES thanks you, Chuck and Max!



## **Upcoming Hamfests/Conventions**

Date	Event	Location	Information
07/18/2015	Tidelands Hamfest	Texas City, TX	tidelands.org
08/07/2015	South Texas Section Convention (Austin Summerfest 2015)	Austin, TX	www.austinsummerfest.org
10/03/2015	HamEXPO	Belton, TX	http://www.tarc.org/hamexpo/
10/31/2015	South Texas Hamfest	Aransas Pass, TX	http://www.southtexashamfest.
			org

Hamfests and Conventions are listed for Texas.

Others may be found at http://www.arrl.org/hamfests/search.



#### SAARC Minutes June 11th, 2015 • 7:30 p.m.

I. Meeting was called to order at 7:50 PM, the delay was due to Board action which was needed to be finished before adjournment.

II. Introductions of all members present and guest.

III. Reports by officers: Bill E.C. reported that on June 20th the southwest section of the ARES will conduct a test of digital capabilities. Members with Winmoor, Fldigi are encouraged to participate in this test. The test will be at 9 to 12. In August the EOC will be holding training for those who will be working in the EOC in a disaster event.

Participant need to have completed 700, 100, 200, and 230 with this being reflected on their preparing Texas transcript.

Ken reported that on June 23 he and Ralph will be speaking at STEM conference for Region 15. There will be two 75 minute sessions and they will be introducing Amateur Radio to students. The time will be given on the 2 meter net.

A committee was formed of David Wolf, David Lewis and Tom along with Ken to prepare a worked all San Angelo event for new operators. This will be scheduled for July or August.

Ken also requested a work day for the club to replace rotten wood and other necessary work, this will be done on Saturday, July 25th. WASA will also be on that day.

Hughbert reported on the board asking for the resignation of Bob and that he walked out of the meeting without statement, he reported the board has voted to close and reopen the checking account to protect the money. Gary Pittman asked why membership was not in on the decision, the president advised that we did it to protect the money of the club which belongs to the membership.

Bill read the by-laws Article 3, section 4; Removal of officers. A special mtg. Will be call to address this issue. To remove an officer there must first be a mailing of such intent to all members, the by-laws don not address whether or not postal or email, we will use email when possible.

A vote of 2/3 majority of the members present at the meeting is required to remove an officer. David Eaton asked if the letter was notarized, Bill stated that it would be. Bob H. thanked board for prompt action. Hughbert read a synopsis of the audit report. David Lewis motioned that

the board recommendations to deal with the bank account issue be adopted. The motion was passed. The account will be closed and reopened with the president and vice president as signers.

V. A committee was formed to draft and submit to the club amendments to the by-laws. The committee will consist of: Linda Wilson, Ralph Stout, Mike Dominy, Bill Hinds and Bob Hesier.

VI. Tom went over the bids for insurance, at this time the lowest bid is between 350 to 450 dollars.

Hughbert stated that we had previously authorized Tom to execute a bid of 300 dollars, this did not happen therefore this authorization was void. Bob Hesier motioned that we raise the limit to 850 dollars as this would cover cost of insurance bids, second by Linda Wilson, the motion passed.

VII. Split the pot. 18.00 dollars in the pot which was won by Tom. He donated his 9.00 dollar split back to the club. 18.00 dollars to be deposited.

VIII. Field day was discussed and assignments made for necessary completion.

IX. Meeting adjourned at approximately 9:30 PM

#### SAARC Minutes July 9th, 2015 • 7:30 PM

The meeting was called to order by Hughbert Robinson, KC5NPC at 7:30pm.

The meeting opened with the Pledge led by Matt Healy. Introductions followed the Pledge.

#### **Officer's Reports:**

#### **President: Hughbert Robinson:**

•Hughbert presented the financial report as follows:

REGULAR CHECKING ACCOUNT	
Starting Balance	\$798.16
WTU Bill - 42.84	
Deposit Ins. Refund	143.00
Deposit 3 new members &	
Split the pot of \$18.00	78.00
Ending Balance	\$976.32
RADIO ACCOUNT	
Starting Balance	\$2,691.23
No activities	

• Hughbert has instituted a "three copy" system for all club expenses and income. This will be through a tri-copy receipt book with the original copy to remain in the book as a permanent record; the second copy goes to the person presenting a receipt for reimbursement; and the third copy will be attached to the receipt and kept as a permanent record in an envelope for each month/year.

#### Vice Present: David Behrend

• The program for this evening was a debriefing on the Field Day activities.

• David read the minutes from June 11th SAARC meeting.

#### Treasure/Secretary: Bob Freeman – absent

#### **Grounds Chairman: Ralph Stout**

• Shared with the club he had purchased two ceiling fans for the club after getting approval to spend the money through Hughbert Robinson. This expense was less than \$100

• Ralph turned the unused funds from Field Day over to Hughbert

#### **Emergency Coordinator: Bill Hinds**

• Looking at having a SET sometime in October

• The next ARES Meeting will be held at 7:00pm on July 16th at the clubhouse

• Conference on Terrorism with be held at the West Texas Training Center on July 18th and the cost is \$45 for the entire day. Will run from 8:00 am until 5:30pm

• The new Section Manager for SW Texas is Ron Harden, KB5HGM from Abilene

#### **Activities Manager: Ken Grimm:**

• There will be a cleanup day on July 25th at the clubhouse starting at 9:00am

• "Work all San Angelo stations" will be held during the cleanup day with hamburgers for lunch

• Both Ken Grimm and Ralph Stout gave a presentation for STEM Section 2. There was a significant interest in Ham radio by this educators' group and they have been invited back for another presentation in November

• The Lily Fest will be held on September 19th with a special event station

#### **Public Information Officer: Matt Healy**

• Matt gave a presentation on KLST promoting Field Day **Old Business:** 

• Insurance – Tom Austin and Hughbert Robinson has secured insurance for the club through Hartford Company for \$425 per year

#### **New Business:**

• Discussed the key situation at the club. The combination

lock broke and could not be fixed. Currently the officers of the club have keys and if anyone needs to get into the club, just contact one of the officers.

• Buddy Parker will send thank you notes to all sponsors of Field Day

• Buddy Parker needs all information from the Field Day event to work up the report and turn in the results

*INFORMATION:* In accordance with SAARC Constitution and Bylaws; Article III, SECTION IV Officers may be removed for cause upon a motion of two-thirds majority vote of the members present at a regular or called meeting, provided all members have been notified in advance by mail of the intent to do so.

All members were appropriately notified of a vote to remove Bob Freeman from the position of Secretary/ Treasurer at this meeting. There were 19 full members present at tonight's meeting. The ballets were passed out to those members present. The votes were counted by two officers of the club and the members voted unanimously to remove Bob Freeman from his office. Hughbert Robinson then certified the vote and announced the results to the club.

#### Motions made at the meeting

Matt Healy made the motion to accept the financial report as presented, seconded by Buddy Parker. The motion carried.

Leslie Healy made the motion to authorize Ken Grimm to buy food for the club's workday/Work all San Angelo Stations for July 25th, seconded by Ralph Stout. During the discussion following the motion and prior to being voted on, Buddy Parker submitted an amendment authorizing up to \$50 be used for food, seconded by David Behrend. The amendment passed followed by a vote on the motion. The motion carried.

Bob Heiser made the motion to authorize Ralph Stout to buy a new combination lock for the club with a cap of \$200 on the purchase, seconded by David Lewis. The motion carried.

Gary Pittman made the motion that Matt Healy be authorized to pick up the club's mail at the post office, seconded by David Behrend. The motion carried.

The split the pot was won by Ken Grimm, he donated his share back to the club. The total was \$28.00. Ken Grimm then donated another \$20.00 to the club to general funds.

Matt Healy made the motion to adjourn, seconded by Leslie Healy; the motion carried and the meeting was adjourned at 8:48pm.

Submitted by Matt Healy, Public Information Officer

## FCC speedily dismisses petitions to alter Amateur Service rules

Acting with near lightning speed, the FCC has dismissed two petitions for rule making calling for separate amendments to the Part 97 Amateur Service rules. Willison H. Gormly, WD0BCS, of Des Moines, New Mexico, filed both petitions on June 16, and the FCC turned them away on July 1. Gormly had requested that the FCC amend Part 97.301(e) of the rules by dividing it into separate sub-paragraphs for technician and Novice class privileges. He had also asked the FCC to amend Part 97.305(c) to authorize spread spectrum emissions in the 2 meter band.

"The rule changes you propose were previously rejected by the Commission," Scot Stone, deputy chief of the Mobility Division in the Wireless Telecommunications Bureau, told Gormly in the FCC's dismissal letter. "Your petitions do not demonstrate or even suggest that any relevant circumstances have changed such as to merit reconsideration of these decisions."

The FCC noted that while Part 97.301(e) had been divided into two paragraphs in the past, these were consolidated when the Commission streamlined the rules in 1999. Gormly argued that the present configuration was confusing, but the FCC pointed out that Part 97.301 "has been in this arrangement for a number of years without any reported difficulty."

Regarding Gormly's second petition, the Commission noted that it had sought comment in 2004 as to whether it should expand the bands authorized for spread spectrum to permit such emissions on the 50 MHz, 144 MHz, and 222 MHz bands. Agreeing with the majority of comments, the FCC subsequently determined that authorizing spread spectrum was not warranted on 6 meters and 2 meters, "because of concerns over the compatibility of spread spectrum emission types and other Amateur radio operations in those bands," the FCC explained in its denial letter.

The FCC had said it was concerned about raising the noise floor on the band, with potential adverse effects on so-called "weak signal" communications or "otherwise affecting experimentation." The Commission also had noted that both bands are heavily used for other types of communication.

## West Texas Section News News From Around West Texas Final report from Bill Roberts / W5NPR

We had some light rain this morning and with heavy clouds, a good chance for more. It's been a good year in West Texas and the Davis Mountains/Big Bend area.

This is my final newsletter of a four year span as West Texas Section Manager. My time in that role ends at midnight. I have enjoyed the last four years and all of the hams I have met along the way. I will always consider each of you a personal friend, and hope our paths continue to cross.

I want to personally think each of you who served in the many appointed positions in the West Texas Section. I hope you will continue to serve the section as you have in the past. I especially want to thank Howard WB5EKW who has served as Section Emergency Coordinator throughout my time as Section Manager.

Congratulations, and to some degree condolences, to Ron KB5HGM who will take over the "reins" of the Section, having been elected without opposition earlier in the year. I encourage each of you to give Ron your cooperation and support, because the role and success of any Section Manager depends on that support. Good luck to you, Ron.

I also want to personally thank West Gulf Director David Woolweaver K5RAV and Vice-Director John Stratton N5AUS for the opportunity to work with them. They make a great team. My thanks also goes out to Steve Ewald WV1X, ARRL Headquarters, Newington, CT. He represents a life support system for every Section Manager in the United States! Thanks Steve!

Lastly, I want to thank John Dyer AE5B who served as my "elmer", especially during the early days of my time as Section Manager. He was a great teacher and reminder of what needed to be done and when! Thanks John. I also would be amiss if I left out Carla, whose roll in the ARRL Section Booth made life a lot easier for me.

It's been a great ride, but is time to step back and let Ron take us in a new direction.

Thanks again for your support and all you do for the West Texas Section. Farewell to each of you. Hope to see you again soon.

73,

ARRL West Texas Section Bill Roberts W5NPR Section Manager

### DX IS

Have you heard of the British Ham Society contest, called Islands on the Air (IOTA)? The US has a similar program, but the fun comes from working a mini-DXpedition from a chunk of rock and sand that requires some forethought and planning to get to. We have Mustang Island, South Padre, etc. down along the Texas coast, easy to get to and there are State parks that you can RV into, set-up antennas, and become an instant on air celebrity.

Here is a photo (see below) of a group that wandered out from the Canadian mainland to operate from Nova Scotia (NA-126). They operated there during the 2014 IOTA contest.

While that is a lot work for most, these folks give you a chance to add an area of semi-contesting to your skills on the radio. With summer here, there is an uptick in propagations on 6 meters. And along with that there are mini expeditions to places like E6-Niue Island, J6-St Lucia, PJ2-Curacao, PJ5/6- St Eustatius and Saba, T4-1- Cayo Jutias (Cuba) and many others. Most have newer light weight rigs and are looking to provide contacts on HF and also on 6m. Six is one of the magic bands, when it is open you can work almost anywhere in the world. One summer not too long ago I was able to work into Japan (just like a 10m opening), to South Africa, into Western

Europe and all over the states. Most operate with 50 to 100 watts, but ..... But back to the IOTA Contest. The 25th and



By Bill Richards, WB5ZAM

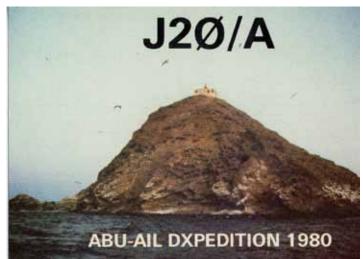
26th of July should provide an abundance of operators from all over the globe, looking to work you or anyone else with an appropriate antenna. Verticals and dipoles work on 6m, and if you have HOA limitations, a nice sized 6m directive beam usually works in most attics. With very few of modern "gadgets" still using frequencies around 50MHz, we can push signals into the ether and most of the time not have a neighbor come knocking complaining about interference. If you are wondering what 6m propagation is like, listen to the signals below 50,080. We have one beacon locally, and we have several locals that meet regularly on 6m ssb. There



Photo of a group that wandered out from the Canadian mainland to operate from Nova Scotia (NA-126). They operated there during the 2014 IOTA contest.

some easy ideas for antennas in the ARRL Handbook. I have used a combo 2m/6m dipole, hanging from the balcony, while on vacationing in J6, and it so nice to be able to not only work repeaters on 2m FM, but also stir up stateside on 6m cw/ssb.

If you need a list (and it is LONG) of all of the islands, QRZ has one as does the RSGB. There are some islands that are begging for operators to come play, and others that a good high tide will cover them. We have some island countries in Asia like that. The most interesting one that I



have worked was an old RV trailer on a rock in the Arabian Gulf that counted as a country for a few years, then the rules changed and it was deleted. But it still counts as an island, just not a country. Something else interesting to do is go to the Google Earth program (free, by the way) and look up some of these islands. For example, type in Abu Ail in your search or in Google Earth and look at what is considered a country. If the ambient temp is 100F, and you are on a ROCK, with no shade, what do you think the temperature is? About like West Texas in August, when you can fry an egg on the sidewalk. One group from Egypt set up on an island just in the Red Sea, and had to leave early as they did not anticipate the amount of water that they needed, and had to have one member airlifted off, due to the heat. They had the same problem on Navassa (just off of Puerto Rico/Haiti), this spring.

Bernie, W3UR, says that these countries should be active the first week of July and maybe longer: 3A; 3X; J7; JW; PJ5; TJ; V4; V6; HH; HL; PJ2; IF9; TK; 9A; ES/ HC8; and don't forget the ops from the 13 colonies will be on the 4th w/e from the original colonies. Propagation should be good the first week of the month and then fair to poor the rest of the month. But that could also mean some 6m openings.

73, 88 and good dx de WB5ZAM

CORNER	
Scanner Jack	He

**SCANNER JACK'S** 

"Scanner" Jack Roberts KB5TMY

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NWS	rained nor
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Storm S	potter

Here are the frequencies for SKYWARN amateur radio: 146.940 147.390 444.225

## ARES frequencies: 145.270

146.430 146.500 146.520 146.550 146.880 147.300 147.300 147.450 147.570 444.350 446.000 446.500



San Angelo Amateur Radio Club in no way endorses nor implies the condition or usefulness of any item presented here. These listings are a complimentary benefit for club members only.

#### FOR SALE

To all,

I have a satellite dish, that is at least 6 feet across with feed horn. If anyone is interested, please contact me at 325-656-3884. Make offer. Must take down.

73, David Behrend KB5FNK



#### FOR SALE

MFJ-1908HD 50 Foot fiberglass telescoping pole. Great for portable use, but needs 2 or more people to setup and guying for full use of 50 feet. In Christoval, but can deliver. Asking \$200.00

de Jerry N5RV

## Matt & Leslie's Yummy BBQ Pineapple Chicken

#### Ingredients:

Chicken (2 - 3 pounds, boneless or with bone, light or dark meat)

Canned Pineapple (16 oz) in its own juice, chunks or crushed Small bottle of BBQ sauce (Kraft's Honey BBQ is sweet and enhances the tartness of the pineapple)

Mrs Dash spice, or similar all in one generic seasoning blend. 1 or 2 large baking potatoes, if desired.

#### **Preparation:**

Get Crockpot out, turn it on high.

Wash potatoes, chop into fork sized pieces, line bottom of crockpot.

Place chicken on top of potatoes, or on bottom of crockpot if no potatoes are used. Shake seasoning lightly over chicken.

Open can of Pineapple. Strain pineapple juice into a glass. Drink juice. Place pineapple pieces evenly on top of chicken. Shake BBQ sauce bottle, then open and pour over chicken, covering chicken and pineapple.

Place lid on crockpot, leave cooking on HIGH for about 1 hour to get it started, then turn crockpot down to MEDIUM for 6 to 8 hours. Smaller pieces of chicken can cook quicker, big pieces take longer; or leave on HIGH for about 4 hours.

DO NOT OPEN LID OF CROCKPOT UNTIL DONE!!! Serve with an abundant helping of LOVE!!!

### Let's share a meal!

Come join us for a meal and some fellowship fun! The Tom Green County hams get together regularly to eat and greet and just have some fun. The current schedule is:

#### Wednesday, 7:30 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** By Gary Chaffin/W5ETJ

Net	Days	Local Time	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.



San Angelo Amateur Radio Yahoo Group

## Yahoo Group for all hams

#### By Ralph Stout KE5ULE

Join this Yahoo group made for all hams! Fully functional with pictures, calendar, files section and link section.

From the site: "Welcome to the San Angelo Amateur Radio Group!

All ham radio operators are welcome to join the group, upload files, links and photos. Be sure to check the calendar for upcoming events.

All are welcome to use this group to discuss Amateur Radio, share tips and promote Amateur Radio in San Angelo and the surrounding area."

This is a restricted group that requires approval for membership, and messages require approval for posting.

Go here for more information and to join! https://groups.yahoo.com/neo/groups/saarg76903/info

### ON THE NET

www.csvhfs.org — Central States VHF Society k5wph.org — Sun City ARC K5WPH www.w5es.org — El Paso ARC W5ES k5elp.com — West Texas Rptr Assn, K5ELP www.hamradioelpaso.com — New web site in El Paso www.bigbendarc.com — Big Bend ARC, Alpine TX www.w5ggg.org — Midland ARC, Midland TX K5LIB.org — Lubbock ARC, Lubbock, TX hamradio.noaa.gov — United States Skywarn wx.findu.com/k5wph — SCARC's WX Sta dx.qsl.net/propagation/index.html — Flare/MUF info spaceweather.com — Aurora, sun spots, CMEs www.irlp.net — Internet Radio Linking Project irlp.g4eid.co.uk/status/all reflectors.html — Shows status of all reflectors www.sota.org.uk — Summits on the Air

www.w5qx.org — San Angelo ARC, San Angelo, TX
www.abilenehams.org — Abilene ARC, Abilene, TX
www.orgsites.com/tx/w5wx — Panhandle ARC,
Amarillo, TX



Membership renewals are due each January. 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.

