

The eKilo - What

Monthly Newsletter of the San Angelo Amateur Radio Club

May 2011

Club Skywarn Recognition



Dr. Steve Lyons NWS San Angelo, presents a Certificate for Club to Club President, Ralph Stout, KA5ULE for participation in the 12th Anniversary Skywarn Appreciation Day Activities.

Mike Dominy Receives Award



Dr. Steve Lyon, NWS San Angelo, presents Mike Dominy a Certificate for Leadership and Contribution to the West Central Texas All-Hazards Preparedness Campaign

Field Day 2011

ARRL Field Day 2011 will occur on the weekend of June 25 - 26, 2011. We need information on who wants to participate in the San Angelo Amateur Radio Club 2011 Field Day activity.

If you are interested in participating, please indicate how you would like to participate by responding to Tom Austin at the contacts below.

Once we have this information, every effort will be made to match our Field Day needs to how you prefer to participate.

For more information on the Field Day rules, you may go to <http://www.arrl.org/field-day/> and view the complete rules.

Help is needed in the following areas:

1. *Helping with preparations:* Liaison with the media, Soliciting donations from local businesses, Site preparation- Friday afternoon or Saturday morning
2. *Operating:* GOTA Station, VHF (50MHz or higher),

HF; Mode: Phone, CW, Digital

3. *Making the following equipment available for field day use:* Transceiver, Antennas, Generator, Solar power

4. *Provide food:* Saturday: Breakfast, lunch, supper, snacks, . Sunday: Breakfast, Lunch, Beverages (water, soft drinks, etc.)

5. *Helping with tear down around midday Sunday*

We will probably be operating as a (Class A) entrant. The site for our Field Day operation has not been determined. As soon as it has been determined, you will be notified. If you know of anything else that you might help with, please let Tom know.

Contact information is:

Tom Austin, Jr. K4OTM

101 Bryant Ranch Rd., San Angelo, TX 76904

Email: k4otm@mindspring.com

Phone: 325-835-7601

Cell: 602-821-8851

May Club Program

May's program will be presented by by Marcus O'Quin - KF5GKC. He will be making a presentation on some different types of antennas. That is one of his passions in the ham radio hobby.

Scanner Jack's Corner

de Jack Roberts/KB5TMY

Monitor these frequencies during a wildfire**Texas Forest Service**

154.280 TX FIRE 1, 154.265 TX FIRE 2,
 154.295 TX FIRE 3, 151.310 AIR TAC, 151.355 CH 5,
 151.385 AIR TAC 2, 159.285 DOZERS, 159.300 AIR TAC 1,
 159.330 SA DISP, 159.345 TAC, 132.725 AIR TO AIR

Tom Green CO FD

155.130, 158.910 DISP, 155.1825, 153.7625 REPEATER,
 154.160 COUNTY TRUCKS, 154.130 GRAPE CREEK TAC
 157.620 RANCH WALL TAC

Tom Green CO SO

155.700 CH 1, 156.090 CH 2,
 154.115 CH 3 OR 5X, 156.210 CH 11

CONCHO VALLEY Multi Agency Coord Ctr (MACC)

151.1375, 151.250 155.5875

DPS

154.695 CAR TO DISP, 155.445 DISP TO CAR,
 154.950 TX LAW 1, 155.370 TX LAW 2, 155.475 TX LAW 3

TX DOT

151.0175

SAN ANGELO TRS TALK GROUPS LINKS

05-001 TX FIRE 1, 06-003 TX FIRE 1,
 02-146 ADMIN, 02-004 TGC SO

GOODFELLOW AFB**Security**

138.125, 139.075, 139.725, 142.075

FD

163.4875, 173.5625 DISP, 165.1625 TAC 5,
 173.5375 PATCH TO MED CLINIC

MAINT

165.0125

TRANSIT

148.150 BUS

If you have an amateur radio, scanner, all hazards (weather) radio,
 or digital TV converter that needs programming contact Jack at:

scannerjack1@juno.com

326-651-4840

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). The net can also be reached
 by Echolink at WB5VRM-R or Node 412402. Other frequencies
 are announced on Concho Valley Net at 8:00 pm.

ARES Net Report				
Date	Net Ctrl	Check-ins	Time	Freq
4/4	KD5URW	9	10 min	444.350
4/11	KD5URW	14	15 min	444.350
4/11	KD5URW	12	18 min	444.350
4/25	KD5URW	16	17 min	444.350

Activities

Total # of ARES members: 20 Change since last month: 0
 NTS liaison is maintained with the: West Texas Section
 Number of drills, tests and training sessions this month: 5
 Man hours: 92.0
 Number of public service events this month: 1
 Man hours: 4.0
 Total number of ARES operations this month: 6
 Total Man hours: 96.0

The Tom Green County ARES group held their monthly meeting on 21 April 2011 with a good meeting discussing the reinstallation of the antennas for the city/county Emergency Operations Center (EOC). The group discussed the past EOC workdays that we had in March and what was still required to be done to complete the project. The main HF antenna is up, but needs some work done on it in the near future. All of the other antennas are working and ready for use, as need. Discussed another workday to look at the repair of the HF antenna and discussed the many different options on the repair required for it. The next workday will be set at the next meeting date to finish the project. Would like to thank everyone again for a job well done on this project.

With time permitting, the group reviewed other agenda items and some training dates for group training coming up in the future.

After the main part of the group meeting completed, the group had a good discussion on the project we have been working on. As part of the HSMM-MESH project, that we have been working on for the past several months, the group reviewed and discussed what it would take to expand on the system design and the different area locations that we are looking installing the units at in the near future. Reviewed additional information on the testing and programming of the equipment that will be used as part of the groups HSMM-MESH project.

The next TGC-ARES group meeting is set for 19 May 2011 at 7:00 PM at the San Angelo ARC club house

73s, Stay Safe and Happy DXing.

CQ DX - May 2011

de Bill Richards/WB5ZAM

Upcoming/Ongoing DXpeditions during May: J5; 6W; HR; 5X; 5V; TT; VR2; 9G; PP0T; JD1; 9N; KH0; V8; ZF; SV5; 8P; C6; FJ; T2; JW; GD; 3W; 5R. CQ WW WPX CW 28-29 MAY. Lots of activity on HF, noted. If you need a rig, both the Dallas Ham-Comm and Austin (1-2 August) are upcoming. Get Radio-active!

Island of the Month-PP0T-Trinidad-Martim Vaz: Trindade and Martim Vaz is an archipelago located about 1,200 kilometers (740 mi) east of Vitória in the Southern Atlantic Ocean, belonging to the State of Espírito Santo, Brazil. The archipelago has a total area of 10.4 km² (4.0 sq mi) and a population of 32 (Brazilian Navy personnel). The archipelago consists of six islands; *Trindade* being the largest island, with an area of 10.1 km² and *Martim Vaz* the second largest, with an area of 0.3 km² (30 hectares). The islands are of volcanic origin and have rugged terrain. They are largely barren, except for the southern part of Trindade.

They were discovered in 1502 by Portuguese explorer Estêvão da Gama and stayed Portuguese until they became part of Brazil at its independence. From 1890 to 1896, Trindade was

occupied by the United Kingdom until an agreement with Brazil was

reached. During the period of British occupation, Trindade was known as "South Trinidad".

The small island of Trindade lies at the eastern end of an E-W-trending chain of submarine volcanoes and guyots extending about 1,000 km (620 mi) from the continental shelf off the Brazilian coast. The island lies more than halfway between Brazil and the Mid-Atlantic Ridge near the eastern end of the submarine Vitória-Trindade Ridge. Martin Vaz lies approximately 35 miles to the east. It is uninhabited.

Trindade is a mountainous, dissected volcanic island with numerous phonolitic lava domes and steep-sided volcanic plugs. The highest summit is Pico Desejado, 620 meters high. Pico Monumento, a remarkable peak in the form of a slightly inclined cylinder, rises to 270 m. The youngest volcanism, at Vulcão de Paredão (217 m) on produced a pyroclastic cone 200 m high. Remnants of the crater of the cinder cone are still preserved. Lava flows from the cone formed an irregular shoreline and offshore islands. There is a small settlement in the north on *Enseada dos Portugueses*, supporting a garrison of the Brazilian Navy, 38 strong. The island is the main nesting site of the green sea turtle in Brazil.



Many visitors have been to Martim Vaz, the most famous of whom was the English astronomer Edmund Halley, who took possession of the island on behalf of the British Monarchy in 1700.

HMS *Rattlesnake*, a 198-ton, 12-gun cutter-rigged sloop, was wrecked on Trindade on 21 October 1781, shortly after Commander Philip d'Auvergne RN, Prince de Bouillon had taken over command. *Rattlesnake* had been ordered to survey the island to ascertain whether it would make a useful base for outward-bound Indiamen. She anchored, but that evening the wind increased and by seven o'clock she was dragging. Unable to make sufficient progress seaward, ship struck a submerged rock. She started filling with water, so, in order to save the crew, she was run ashore. The crew lived on the tiny island for three months until taken off by ships, which called there in late December.



(Continued on page 4)

Recent Programs

June '10	Field Day
July '10	National Weather Service, Dr. Steve Lyons
August '10	EME, Glenn Miller/AA5PK
September '10	Kenwood TS-570, Charlie Royall/WB5T
October '10	SAARC's 86th Birthday Party
December '10	Eatin' Meetin'
March '11	Nets, Times, Frequencies, Hughbert Robinson/KC5NPC
April '11	Skywarn. Dr. Steve Lyon, NWS
May '11	Antennas, Marcus O'Quin, KF5GFC

(Continued from page 3)



In 1893, American James Harden-Hickey claimed the island and declared himself as James I, Prince of Trinidad. He planned to declare Trinidad an independent country with him as a military dictator. He designed postage stamps, a national flag, and a coat of arms; established a chivalric order, the "Cross of Trinidad"; bought a schooner to transport colonists; appointed a Secretary of State; opened a consular office in New York; and even issued government bonds to finance construction of infrastructure on the island. His idea however, was ridiculed or ignored by the world.

In July 1895, the British again tried to take possession of this strategic position in the Atlantic. The British planned to use the island as a cable station. However, Brazilian diplomatic efforts, along with Portuguese support, reinstated Trindade Island to Brazilian sovereignty.

In order to clearly demonstrate sovereignty over the island, now part of the State of Espírito Santo and the municipality of Vitória, a landmark was built on January 24, 1897. Nowadays, Brazilian presence is consists of the Brazilian Navy base.

Trindade Island DXpedition - Members of the Cantareira DX Group have announced that they will activate Trindade Island (SA-010) as PP0T this month. The group earlier in the week announced that they were going to leave for Trinidad on April 18th. However, a few days later their plans were changed. The Brazilian Navy rescheduled their trip to Trinidad on the April 25th. They expect to arrive on the island on April 29th. Currently, Junior, PY2ZA, is the only operator listed on the new Trinidad Web page at: <http://trindade2011.com>. Thanks to wikipedia and Google for info on the island and DX-peditions. ZY0T was one of the prior DX-peditions, lasting 4 days.

QSL OF THE MONTH - PW0T - Trinidad and Martim Vaz

Islands: If Junior gets on the island; we may be able to work him. But the scientific station that he will be staying in is on the north-east side of the island. Looking at the 3d view on Google World you can see that the hills do not favor propagation to the US and Japan. If he has directive antennas, he should be able to work the US long path. Go to Google World, and type in Trinidad and Martim Vaz Island. There are some real good satellite photos of the island! See you on the bands chasing dx. 73 de Bill.

See you on the bands chasing dx.

73 de Bill.



New 2-m Roundtable Net

A new 2-m Roundtable Net is on the air on Monday nights. Tune to 146.52 (simplex), the national simplex frequency. The net begins around 8:30 p.m. after the regular Concho Valley 2-m Net (146.94) concludes on Monday nights, The Roundtable continues after the ARES Net concludes (444.350), around 8:45 p.m. A Roundtable is a Net where each person has an opportunity to share in the order they check in.

This is a good opportunity to check out your Simplex capability and see if you need a better antenna or more power.

Join us on Monday nights. If you are new to Ham radio tune to 146.520 and listen in for a bit then join in the fun and conversation.

SAARC Yahoo Group is Up and Running.

This is the San Angelo Amateur Radio Club Group. All ham radio operators are welcome! Feel free to join, upload files and photos. Use this as a valuable resource to discuss and plan events, share tips and promote amateur radio and the San Angelo Amateur Radio Club.

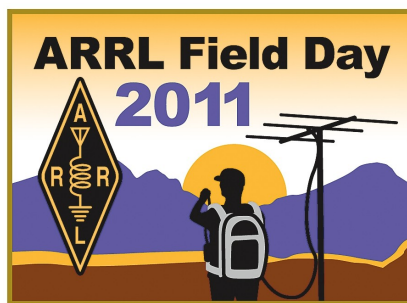
<http://groups.yahoo.com/group/saarc76902>

FCC News:

FCC Seeks to Raise the Fee for Vanity Call Signs

The FCC released a *Notice of Proposed Rulemaking* on May 3, seeking to raise the fee for Amateur Radio vanity call signs. Currently, a vanity call sign costs \$13.30 and is good for 10 years; the new fee, if the FCC plan goes through, will go up to \$14.20 for 10 years, an increase of 90 cents. The FCC is authorized by the *Communications Act of 1934 (as amended)* to collect vanity call sign fees to recover the costs associated with that program. The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term. Read more at

<http://www.arl.org/news/fcc-seeks-to-raise-the-fee-for-vanity-call-signs>



www.arrl.org

Upcoming Hamfests

- **05/20/2011 | Dayton Hamvention.** Location: Dayton, OH Sponsor: Dayton Amateur Radio Association Website: <http://www.hamvention.org/>
- **06/10/2011 | ARRL National Convention (Ham-Com 2011).** Location: Plano, TX Sponsor: Ham-Com, Inc. & supporting clubs Website: <http://www.hamcom.org/>
- **08/05/2011 | Texas State Convention (Austin Summerfest)** Location: Austin Sponsor: Austin ARC & Texas VHF-FM Society Website: <http://www.austinsummerfest.org>
- **10/21/2011 | West Gulf Division Convention (Texoma Hamarama)** Location: Ardmore, OK Sponsor: Texoma Hamarama Committee Website: <http://www.texomahamarama.org>

Concho Valley Two Meter Net

<u>Date</u>	<u>NCS</u>	<u>Check-ins</u>	<u>Duration</u>
4/4	KB5FNK	20	12 min
4/11	KD5SBE	25	16 min
4/18	KD5SBE	17	13 min
4/25	KD5SBE	28	16 min

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 PL 88.5	444.350+	San Angelo PL 162.2 (Echo-Link Node)
146.94-	San Angelo PL 103.5	444.875+	Brady PL 162.2 Linked to 444.225+
147.06+	San Angelo PL 103.5		
147.34+	Robert Lee PL 88.5	147.30	San Angelo PL 88.5
146.90-	Brady PL 162.2		
146.62-	Brady PL 114.8 (Echo-Link Node)		



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

Get all the latest club news on the World
Wide Web at www.w5qx.org

2009 SAARC Officers:

President - Ralph Stout/KA5ULE
Vice President - Matt Healy/W5MAT
Secretary/Treasurer - Bob Freeman/KD5PIX
Emergency Coordinator - Mike Dominy/KD5URW
Activities Manager - Tom Austin/K4OTM
Grounds Chairman - Marcus Oquin/KF5GKC
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 Buddy/KD5SBE at 949
-7731 or email vparker6@suddenlink.net

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



NEXT MEETING: 5/12/11
PROGRAM: MARCUS OQUIN, KF5GFC
MATHIS FIELD CLUBHOUSE