

The eKilo -What

Monthly Newsletter of the San Angelo Amateur Radio Club

August 2010

July Meeting Minutes (Unofficial)

de Buddy Parker/KD5SBE

The meeting started with the program Dr. Steve Lyons, Meteorologist-in-Charge, San Angelo NWS on Texas Tornadoes. Minutes of the June meeting were approved as printed in the KiloWhat.

Hughbert/KC5NPC announced the following upcoming events.

Eatin' Meeting - December, place TBA, suggestions are requested at the August Club Meeting.

SAARC Birthday party and Special Event Station - October

Butterfield Stage Special Event - September.

The remainder of the meeting was taken up by a critique of the Field Day events led by the President.

Items discussed included:

Generators

New Ham Involvement

Social Time

Club Involvement

New Antenna Designs

Site Selection and Coordination

FCC to Allow Government Drills Without a Waiver as of September 3 (from ARRL Newsletter)

As of September 3, government agencies sponsoring emergency or disaster drills involving Amateur Radio operators will no longer need to apply for a waiver to hold such drills.

In July, the FCC released a *Report and Order (R&O)* that amended Part 97 -- more specifically Section 97.113 -- stating that government entities sponsoring disaster and emergency drills will no longer need to apply for a waiver to hold these drills. Additionally, employees who wish to participate in non-government-sponsored drills and exercises may do so under certain conditions. Part 97 is the portion of the Commission's rules that govern the Amateur Radio Service. In the August 4 edition of the *Federal Register*, the FCC issued a summary of the R&O entitled *Amendment of the Commission's Rules Regarding Amateur Radio Service Communications During Government Disaster Drills* --noting that the effective date of these new rules will be September 3, 2010.

See ARRL website for details.

<http://www.arrl.org/news/fcc-modifies-amateur-rules-to-allow-participation-in-disaster-and-emergency-drills-on-behalf-of-an-e>

This will affect hospitals and EOC's among others.

August Club Program

The program for the August SAARC Club meeting will be presented by Glenn Miller/AA5PK on EME communication. EME or **Earth-Moon-Earth**, also known as **moon bounce**, is a radio communications technique which relies on the propagation of radio waves from an Earth-based transmitter directed via reflection from the surface of the Moon back to an Earth-based receiver.

Scanner Jack's Corner

de Jack Roberts/KB5TMY

Monitor these frequencies for SAISD.

461.050 SCHOOL BUS
461.375 MAINT.

Monitor these frequencies for Road Closures.

460.600 FIRE EMS DISP
462.675 REACT

SCHOOL STARTS THIS MONTH DO NOT USE CELL PHONE IN SCHOOL ZONES.

Emergency Communications

de Mike Dominy/KD5URW - Emergency Coordinator

| April ARES Net Report | | | | |
|-----------------------|----------|-----------|--------|---------|
| Date | Net Ctrl | Check-ins | Time | Freq |
| 7/5 | KD5URW | 10 | 14 min | 444.350 |
| 7/12 | KD5URW | 12 | 15 min | 444.350 |
| 7/19 | KD5URW | 12 | 26 min | 444.350 |
| 7/26 | KD5URW | 14 | 12 min | 147.300 |

ARES Net

Meets every Monday night at 8:30 CST (2030 hr) on the 444.350 MHz (P1 162.2) (N5SVK). The net can also be reached by Echolink at WB5VRM-R or Node 412402. Other frequencies announced on Concho Valley Net at 8:00 pm.

Activities of Tom Green County ARES

Total # of ARES members: 19 Change: 0

NTS liaison is maintained with the: West Texas Section

Number of drills, tests and training sessions this month: 5

Man hours: 75.0

Number of public service events this month: 0

Man hours: 0

Number of emergency operations this month: 0

Man hours: 0

Total number of ARES operations this month: 5

Total Man hours: 75.0

The Tom Green County ARES group held their monthly meeting on 15 July 2010. We had a good meeting with the group discussing several items on the group's agenda. Some of the ideas where some possible exercises for the upcoming SET in October; reviewed what still need to be done with the antennas and the radio room at the city/county EOC; looked at another work day for working in the radio room; and reviewed training dates at the EOC for all members to get some WebEOC training.

Wish to say a big Thanks to all who attend the meetings and wish to invite anyone to our meetings to see what ARES is all about.

The next TGC-ARES group meeting is set for 19 August 2010 at 7:00 PM at the San Angelo ARC club house.

73s, Stay Safe and Happy DXing.

What was the earliest radio distress signal used in the USA?

- A. Mayday
- B. SOS
- C. Pan Pan
- D. CQD

Answer:

D. CQD for CQ Distress. Adopted in 1904. CQD was proposed by Marconi.

from Bob Heiser W7IKT

Recent Programs

| | |
|---------------------|---|
| October '09 | 85th SAARC Birthday Celebration |
| November '09 | Satellite Operations, Glenn Miller/AA5PK |
| December '09 | Eatin' Meeting |
| January '10 | CVCOG Interoperability Data and Radio Systems, Jim Koca/N5PIY |
| February '10 | Tour of the San Angelo Public Safety Communications Facility, David Berhend/KB5FNK |
| March '10 | Tour of the San Angelo National Weather Station, Hector Guerrero/KC5BRB |
| April '10 | San Angelo/TGC Emergency Management Department, Ron Perry/KB5UPE |
| May '10 | Q codes, Band Limits, Ralph Stout/KASULE |
| July '10 | National Weather Service, Dr. Steve Lyons |
| Aug '10 | EME, Glenn Miller/AA5PK |

July Program Notes

Dr. Steve Lyons of the San Angelo National Weather Station presented an interesting program on Texas Tornadoes. He gave statistics on the number and severity of tornadoes in Texas. He also showed examples of severe tornadoes in Texas.

Dr. Lyons explained the limits of radar images in predicting the exact location and severity of tornadoes. The need for accurate information from on the ground spotters and citizens was emphasized.

Thanks to Dr. Lyons for presenting a most informative program drawing on his experience at the NWS and The Weather Channel.



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lated South Atlantic island of Saint Helena. Napoleon's stay on Elba is the basis for the famous English language palindrome: "Able was I ere I saw Elba." Internationally, Elba is best known for its connection to Napoleon. French troops landed on Elba on June 17, 1944, liberating the island from the Germans. Faulty intelligence and strong defenses made the battle more difficult than expected.

More recently, the island has become famed for its wine, and it is today a renowned tourist resort. Multiple European hams enjoy basking in the sun on Elba and operating

from there during the frigid European winters.

There are a great number of articles and information on the web about Elba and how to get there.

<http://en.wikipedia.org/wiki/Elba>; <http://www.elba-online.com/english/>; <http://www.infoelba.com/>

QSL OF THE MONTH-IK1MHJ- Here is the picture Francesco has for his QSL from Villanova in Italy. Nice antenna and tower.

See you on the bands chasing dx. 73 de Bill.



CQ DX - August 2010

de Bill Richards/WB5ZAM

Upcoming/Ongoing DXpeditions during August: FH8; P4; XU; EA8; 9X; 7P; V31; PJ7; KH2; S7; 5Z; D4; KH0; XU7; XV; OX; A25; OJ0; YJ0.

Island of the Month-I-Elba Island: Elba (Italian: Isola d'Elba, Latin: Ilva) is a Mediterranean island in Tuscany, Italy, 20 kilometers (12 mi) from the coastal town of Piombino. The largest island of the Tuscan Archipelago, Elba is also part of the National Park of the Tuscan Archipelago and the third largest island in Italy after Sicily and Sardinia. It is located between the Tyrrhenian Sea and Ligurian Sea, about 50 kilometers (30 mi) east of the French island of Corsica.

The island is divided into eight municipalities, of which Portoferraio is the main one, the others; Campo nell'Elba, Capoliveri, Marciana, Marciana Marina, Porto Azzurro, Rio Marina, and Rio nell'Elba, are part of the province of Livorno, with a total of about 30,000 inhabitants, which increases considerably during the summer.



The terrain is quite varied, and is thus divided into several areas based on geomorphology. The mountainous and most recent part of the island can be found to the west, the center of which is dominated by Mount Capanne (1,018 metres (3,340 ft)), also called the "roof of the Tuscan Archipelago". The mountain is home to many animal species including the mouflon and wild boar, two species that flourish despite the continuous influx of tourists. The central part of the island is a mostly flat section with the width being reduced to just four kilometers. It is where the major centers can be found: Portoferraio, Campo nell'Elba. To the east is the oldest part of the island, formed over 400 million years ago. In the hilly area, dominated by Monte Calamita, are the deposits of iron that made Elba famous. The climate of the Island is predominantly Mediterranean, except for Mount Capanne, where winters tend to be moderately cold. Precipitation is concentrated in autumn and comprises a normal rainfall.

Following the Treaty of Fontainebleau, French emperor Napoleon I was exiled to Elba after his forced abdication in 1814 and arrived at Portoferraio on May 3, 1814 to begin his exile there. He was allowed to keep a personal guard of six hundred men. Although he was nominally sovereign of Elba, the island was patrolled by the British Navy.

Originally inhabited by Ligures Ilvati who gave the ancient name Ilva, the island was well known from very ancient times for its iron resources and its valued mines. The Greeks called it Aethalia (fume) after the fumes of the furnaces for the metal production. The island was then invaded, first by the Etruscans and later (after 480 BC) by the Romans. After the Roman period, the island was ravaged by barbarians and Saracens. In the early 11th century it became a possession of the Republic of Pisa. When the latter was sold to the Visconti of Milan in 1398, the island was acquired by the Appiani,



Lords of Piombino, who retained it for two centuries. In 1546 part of the island was handed over to Cosimo I de' Medici, who fortified Portoferraio and renamed it "Cosmopoli", while in 1577 the rest of the island was returned to the Appiani. In 1596 Philip II of Spain captured Porto Azzurro and has two fortresses built there. In 1802 the island became a French possession, and its economy flourished. During the months Napoleon stayed on the island, he carried out a series of economic and social reforms to improve the quality of life, partly to pass the time and partly out of a genuine concern for the well-being of the islanders. Napoleon stayed on Elba for 300 days. He returned to France on February 26, 1815 for the Hundred Days. After his defeat at Waterloo he was subsequently exiled again, this time to the barren and iso-



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Concho Valley Two Meter Net

| <u>Date</u> | <u>NCS</u> | <u>Check-ins</u> | <u>Duration</u> |
|-------------|------------|------------------|-----------------|
| 7/5 | KB5TMY | 18 | 15 min |
| 7/12 | KD5SBE | 24 | 16 min |
| 7/19 | KB5TMY | 24 | 20 min |
| 7/26 | KB5TMY | 24 | 19 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
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Get all the latest club news on the World
Wide Web at www.w5qx.org

2009 SAARC Officers:

President - Ralph Stout/KA5ULE
Vice President - Lisa Koca/K3LLK
Secretary/Treasurer - Bob Freeman/KD5PIX
Emergency Coordinator - Mike Dominy/KD5URW
Activities Manager - Hughbert Robinson/KC5NPC
Grounds Chairman - Joe Kent/W5JBK
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: 8/12
PROGRAM: GLENN MILLER/AA5PK
MATHIS FIELD CLUBHOUSE