



Bexar Wire

San Antonio Radio Club
W5SC



2017, No. 9 September 2017



Bob Rodriguez, K5AUW, making his presenting on Radio Teletype at the SARC meeting on August 10, 2017



Bob Rodriguez, K5AUW, receiving a Program Certificate of Appreciation from Harold Fleischer, AE5AS, President, SARC after his presentation at the SARC meeting on August 19, 2017

Radio Teletype

At the 7:00 p. m. meeting on Thursday, July 13, 2017 at Grady's Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216, the program was by Bob Rodriguez, K5AUW. His presentation was on Radio Teletype.

Bob Rodriguez, K5AUW, explained that Radio Teletype was among the oldest forms of digital communications (CW or Morse Code is the oldest.). It was invented in France by Emile Baudot who used a 5-bit code with equal on and off intervals to send characters and control bits. It was developed for telegraph systems. Radio teletype is the transmission of telegraph signals or teletype over a radio instead of a wire.

For Radio Teletype, you need a radio, a computer with a sound card, and an interface cable. Bob Rodriguez, K5AUW, had a laptop computer set up with the software that he uses for Radio Teletype communications. He fed the computer video signal to a screen so he could show the software that he uses for Radio Teletype work. While an old technique, Radio Teletype is pretty stingy when it comes to bandwidth usage and the software is pretty good at picking up weak signals although there is no error correction.

The presentation was well received. Mike Harrison, KB5KST, Vice President and Program Committee Chairperson, thanked Bob Rodriguez, K5AUW, for making his presentation and turned the meeting back over to the Preident. Harold Fleischer, AE5AS, President, presented Bob Rodriguez, (Continued on Page 5)

Emergency Amateur Radio Operations in Hurricane Agnes

Our next club meeting will be at 7:00 p. m. (1900) on Thursday, September 14, 2017, at Grady's Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216. The program will be presented by Pete Shavney, WA3OVH, on Emergency Amateur Radio Operations in Hurricane Agnes.

SAN ANTONIO RADIO CLUB
PRESIDENT'S RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
9	R		AE5AS		San Antonio, TX		Sep

TO
W5SC

The last month has been more interesting than usual for an August in South Texas where the dominate fact is the weather is hot and dry causing most people to take it easy as they seek a little shade. Hurricane Harvey has instead dominated the news after our last meeting. San Antonio got lucky. We got more than a little rain, but Hurricane Harvey simply turned around after it got halfway here from the coast and went back to the Gulf of Mexico. JC Smith, N5RXS, our Emergency Communications Chairperson told me only ten or so Hams wound up deploying to the coastal areas. Houston, as we all know, set a new US continental record for rain. As I write this, I am fully aware that Hurrican Irma is now dominating the news. The eye of Hurricane Irma passed within a half mile of where my parents used to live in Naples, Florida, on Sunday, September 11, 2017. Probably everyone has done something in support of the stricken areas. The people in both will need our prayers as they seek to recover from Hurricanes Harvey and Irma.

We have only three more programs before the end of the year. The first, highly appropriate, is by Pete Shavney, WA3OVH, on Hurricane Agnes in 1972. Our biggest fall activity will be Jamboree On The Air or JOTA. It was quite successful last year at the Texas Transportation Museum (TTM). I expect that our JOTA Chairperson, Mike Harrison, KB5KST, will be telling us all about it as our next meeting. I helped last year, and I had a good time helping the Scouts and some of their siblings out. You might want to help this year.

The Nominations Committee will be going live this month. Their goal is to get a slate of candidates to present at the October 12, 2017, meeting such that they are known to everyone before the election on November 9, 2017. Please strongly consider running for office.



Harold AE5AS

Bexar Wire

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San Antonio Radio Club

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The due date for articles is the Friday before the first Monday of the month.

Harold Fleischer, AE5AS, President, called the meeting to order at 7:00 p. m. at Grady's BAR-B-Q, 327 E. Nakoma Dr., San Antonio, TX 78216. There were 27 members and 1 guest in attendance.

Harold Fleischer, AE5AS, then introduced himself as Harold AE5AS and then in accordance with SARC custom asked everyone else to introduce themselves.

Harold Fleischer, AE5AS, then turned the meeting over at 7:05 p. m. to Mike Harrison, KB5KST, Vice President, who introduced the program. The program was presented by Bob Rodriguez, K5AUW, on Radio Teletype (RTTY). Mike Harrison, KB5KST, thanked Bob Rodriguez, K5AUW, and turned the meeting at 7:50 p. m. back over to Harold Fleischer, AE5AS, who immediately presented Bob Rodriguez, K5AUW, with a Program Certificate of Appreciation.

Harold Fleischer, AE5AS, then reviewed the printed agenda for meeting with the members present and asked if there were any modifications. There being no modifications suggested, Harold Fleischer AE5AS announced the printed agenda as orders for the meeting without objection by unanimous consent.

Harold Fleischer, AE5AS, then stated that whereas the minutes for the last meeting on July 13, 2017 had been distributed in the August 2017 Bexar Wire newsletter that unless there were corrections or objections that we would dispense with the reading of the minutes and approve them as written without objection by unanimous consent.

Officer Reports:

President

Eric Harris, KG5SZV, has accepted appointment by the Chairperson as Secretary for the rest of 2017. The President thanked him for stepping forward.

We will be changing the registered agent with the Texas Secretary of State to him.

The President brought the paperwork necessary to get it done with him tonight.

Paul Guido, N5IUT, has been appointed Chairperson of the Finance and Review Committee. He replaces JC Smith, N5RXS, who will be busy with Radio Fiesta 2018 at the time the yearly audit is done by the Finance and Review Committee.

The President's After Action Report on Field Day 2017 was issued to the Board of Directors and some selected member on Monday, July 24, 2017.

It is 33 pages long.

Two items stood out:

1. SARC needs a better way to put wires and ropes for antennas in trees.
2. SARC put up a lot of antennas, but some were never used. A better method, probably sponsorship, is needed on putting up most SARC antennas after the Beam Antenna, 40M dipole, 80M dipole, and MFJ-1522 VHF/UHF Vertical Antenna.

The President's After Action Report on Radio Fiesta 2017 was completed on Monday, July 31, 2017, and passed to JC Smith, N5RXS, on the morning of August 1, 2017, along with the remaining paper files and numerous electronic files on a computer CD.

It is 45 pages long.

Three items stood out:

1. SARC sold out of tables before we opened.
2. SARC need to be prepared to process flea market table buyers as well as dealers during Friday setup.
3. SARC should set the dealer table price at \$15 with no discount for early reservations. For 2017, the dealers paid the same as flea market table buyers.

Need a Newsletter Editor

Need a Webmaster.

Vice President – Future Program: The September 14, 2017 meeting will be Emergency Amateur Radio Operations in Hurricane Agnes presented by Pete Shavney, WA3OVH.

Secretary – The new Secretary thanked the Chairman for the appointment.

He has received the Secretary's files from his predecessor.

He will follow thru on the change of the registered agent with the Texas Secretary of State Treasurer – Financial Report was distributed by the Treasurer.

Newsletter Editor - The August 2017 *Bexar Wire* newsletter was sent out by Bill Crabtree, W5FRQ, on August 7, 2017.

SARC SLACK, which came up last month, has been added with basic information like Yahoo Group, Facebook, and Twitter to the same page in the newsletter.

The deadline for input, as stated on the bottom of page 2, remains the last Friday of the month.

Webmaster – The planned two monthly updates for News Blast! and the Bexar Wire were made.

In addition to that, an update for Field Day 2017 was made on July 17, 2017.

Chairman of the Board Report –Bob Rodriguez, K5AUW – The Chairman reported that he did make the appointment of Eric Harris, KG5SZV, as Secretary official after he volunteered.

Committee Reports

Education and Training – Bob Rodriguez, K5AUW, is planning a General Class to start in late October 2017 – early November 2017.

Emergency Communications –JC Smith, N5RXS, submitted a pre-meeting report as he has a monthly CERT meeting that for the first time is on the 2nd Thursday of the month.

The date for the ARRL Simulated Emergency Test (SET) in Bexar County will be October 7 and 8, 2017 per Ruth Lewis, KE5MHJ, the Bexar County ARES Emergency Coordinator.

JC, N5RXS, has never known of a SET on a Sunday so he recommends planning on Saturday, October 7, 2017, from 8 am to 3 pm.

Further, the Texas Department of Emergency Management often will have an event at the same time and that is always supported by Bexar County ARES. If this is the case, the exercise will probably be Friday evening Oct 6, 2017 and Saturday Oct 7, 2017. Normally, Friday evening activities will be limited to between the County EOC's and the State Operations Center (SOC). Again, normally everything shuts down by 3 pm Saturday.

Executive – No meetings since last month.

Field Day – Harold Fleischer, AE5AS, Acting Chairperson, recognized John D'Andrea, AA5JD, with a Field Day Star certificate for his contributions to Field Day 2017.

The President reported that Joe Bruno, W5AUQ, Chairperson, is studying options for getting wires and ropes for antennas up in trees. Joe, W5AUQ, currently likes a crossbow, but this is still an open matter.

Finance and Review – Inactive until next January.

JOTA – No report this month, but expect a big one next month from Mike Harrison, KB5KST.

Membership – Tom O'Brien, AB5XZ, reported that so far we have 134 members for 2017 with 85 paid and 49 free.

Nothing more has been done on the identification of new hams per the FCC data base.

Nominating - By September 2017 meeting, the Nomination Committee will be appointed. It is not too early to think about the office for which you want to run.

Radio Fiesta – JC Smith, N5RXS, plans to get the dealer letters out this month.

He is also working on programs for Radio Fiesta. He needs a Program Coordinator as well as speakers. He is interested in talking with Mike Harrison, KB5KST, about both.

VEC – There was a VE session on Sunday, July 30, 2017, for a Technician Class by Bob Rodriguez, K5AUW, where 7 individuals became new Technicians and 1 individual passed both Technician and General.

There will be a test session at 10:00 a. m. on August 26, 2017 at the Great Northwest Library.

Centennial Commemoration (Temporary) - He wants is gathering ideas from committee members.

CW Training (Temporary) – Joe Bruno, W5AUQ, has bought CW disc based learning package. He selected it based on internet research.

Tailgate Swap Meet Committee (Temporary) – Richard Elder, WB5ACN, has set up a tailgate swap meet for August 19, 2017 from 7-10 a. m. at Hangar 18 Surplus. He also did a show and tell on sample hats for SARC members which are free when \$20 or more of store products is purchased. Otherwise, they are \$8.

Old Business - None

New Business - None

Announcements For The Good of Amateur Radio

Richard Elder, WB5ACN, has a 13.7V, 10A power supply that can be brought including shipping for \$19.94 on eBay. Nomenclature is Kondix Technologies Regulated DC Power Supply 110AC to 12VDC 331766335907.

Robb Bates, K5RAB, mentioned an app from Wolphi – link Interface for PSK31, etc.

Jeff Boyes, ND8B, volunteered to show anyone interested what SARC's SLACK account is on his laptop after the meeting.

The meeting was adjourned at 8:37 p. m.

Eric Harris
Secretary

Radio Teletype

(Continued from Page 1)



Right side room wide view of members at the SARC meeting on August 10, 2017 shortly before the official start



Mike Harrison, KB5KST, Vice President and Program Committee Chairperson thanking Bob Rodriguez, K5AUW, as the program presenter at the SARC meeting on August 10, 2017

K5AUW, with a Program Certificate of Appreciation.



Bob Rodriguez, K5AUW, demonstrating Radio Teletype software as a part of his presentation at the August 10, 2017, meeting

The meeting went on with reports by the officers and committees. The president did announce that Eric Harris, KG5SZV, had accepted appointment by the Chairperson as Secretary for the rest of 2017 and that Paul Guido, N5IUT, had been appointed Chairperson, Finance and Review Committee. Another key part of his report was the completion and distribution to the Board of Directors hss personal, written Afer Action Reports of Radio Fiesta 2017 and Field Day 2017. There were a few Field Day Star certificates to present, but only John D'Andrea, AA5JD, was present to receive his.

SARC's new SLACK account was introduced as a part of the website report. Otherwise, the reports were generally routine and are covered in the minutes starting on Page 3.

License Test for Saturday, August 26, 2017, Was Cancelled



Pat Knight, AD5BR, Chairperson, Volunteer Examination Committee, had to cancel the amateur radio license examines scheduled for Saturday, August 26, 2017. This was the weekend that Hurricane Harvey came ashore at Rockport on the Texas Coastal Bend and then proceeded to Victoria. While it eventually turned around and went back into the Gulf of Mexico, effects were expected in San Antonio. Consequently, the Great Northwest Library decided to not open as scheduled. Pat, AD5BR, provided timely notice to all Volunteer Examiners and registered candidates that the seesion was cancelled. The next regularly scheduled test session will be Saturday, October 28, 2017, at the Great Northwest Library.

JOTA



Mike Harrison, KB5KST, has been appointed Chairperson, JOTA Committee. Bob Rodriguez, K5AUW, asked to step down from this position, but then immediately volunteered to be the Assistant Chairperson.

Anyone interested in helping Mike, KB5KST, should contact him. JOTA will be held at the Texas Transportation Museum on October 21, 2017. It was quite successful there last year, and it is anticipated that it will be again.

Ham Tailgate Swap Meet



Sponsored by Hangar 18 Surplus

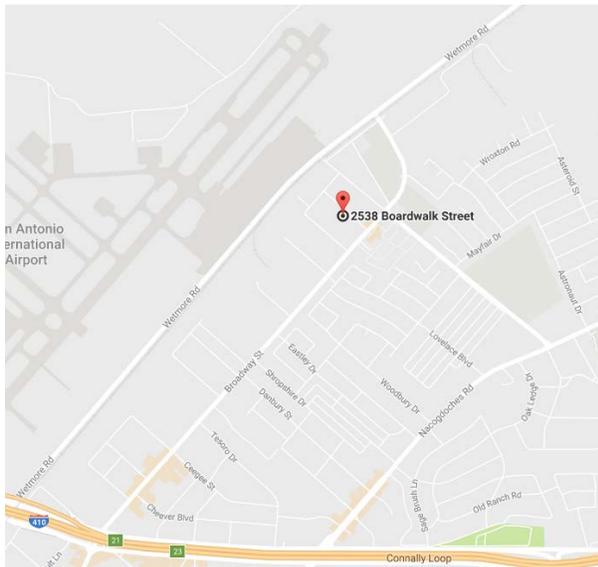
**Saturday, September 17, 2017, from 7 a. m. until 10:00 a. m.
Coffee and Donuts**



Location: Hangar 18 Surplus
2538 Boardwalk
San Antonio, TX 28217

Hangar 18 Surplus carries a wide selection of coax adapters, cables, and the \$1.00/pound electronic chassis/things to be repaired. For the Ham Tailgate Sway Meet, Hanger 18 Surplus will also have a trailer with a selection of used, empty transit cases suitable for use by Hams as GO-KITS and outdoor cabinets suitable for use by Hams for antenna tuners. The cases will be priced at \$1.00/pound.

Hangar 18 Surplus has many embroidered hats and shirts available from an additional product line in which they also do business.



Yahoo Groups

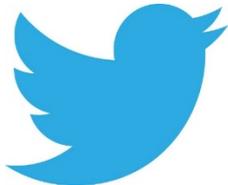


SARC has had a Yahoo Group for a number of years now. Its name is W5SC.

W5SC is being used to publicize SARC business meetings. It can be used for other things like promotion of VEC testing and classes. Members of the W5SC Yahoo Group can and have asked each other technical questions or sought assistance.

W5SC is a closed group. To become a member, go to groups.yahoo.com. (You may need to have a Yahoo account.) This will take you to a website where your groups, if any, are shown with a Search Group box at the top. Enter W5SC. This will take you to the search results page with W5SC on it. Select W5SC to go to the W5SC Yahoo Group. You will then need to select + *Join Group*. This generates a message. SARC members can expect approval to join the W5SC in probably less than 24 hours.

SARC Tweets



Reminder: there are two Twitter accounts for the San Antonio Radio Club. They are @SARadioClub and @ARadioFiesta.

The @SARadioClub is being used to publicize SARC meetings. It can be used for other things like promotion of VEC testing and classes.

As Radio Fiesta 2018 work has not yet commenced, the @ARadioFiesta is currently in standby mode for the January 13, 2018 Radio Fiesta.

SARC members are encouraged to follow both Twitter accounts.

SARC Facebook



There is a San Antonio Radio Club – SARC (@saradioclub) Facebook Page.

The newsletter editor is making posts about SARC meetings and other activities. Any Officer, Committee Chairperson, or member who believes that they have information that should be posted to this page should contact the newsletter editor using the contact information for the newsletter editor on page 2 of this newsletter.

SARC members are encouraged to follow this Facebook Page.

SARC SLACK



There is a San Antonio Radio Club Slack team – w5sc.slack.com.

Slack teams are meant to foster communication between team members. Paul Guido, N5IUT, has established the w5sc.slack.com team for SARC. He has also established some channels. Think of the channels as topical areas.

To join send an email to Paul Guido, N5IUT, at radioteacher@gmail.com. In actuality, any team member already a part of the w5sc.slack.com can invite you, but Paul is known to be on it.

SARC has a website:

w5sc.org

Webmaster: webmaster@w5sc.org

Amateur Radio License Classes

A General Course is currently being planned with a start date in late October 2017 – early November 2017.

As this class’s plans firm up, they will be summarized here.

SARC Meeting Dates for next 12 Months

- September 14, 2017
- October 12, 2017
- November 9, 2017
- December (None)
- January 11, 2018
- February 8, 2018
- March 8, 2018
- April 12, 2018
- May 10, 2018
- June 14, 2018
- July 12, 2018
- August 9, 2018

Meetings are held at Grady’s Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216 at 7:00 p. m.

Come early and eat with other members coming early.

License Testing Dates for 2017 and early 2018

- October 28, 2017
- January 13, 2018
- February 24, 2018
- April 28, 2018
- June 23, 2018
- August 25, 2018

Times and locations along with required document information can be found on SARC’s website.

SARC does all its licensing testing as a part of ARRL Volunteer Examiner Coordinator (VEC) organization so all the Volunteer Examiners in SARC are duly authorized Volunteer Examiners of ARRL’s VEC.

Field Day 2018

Setup: Friday, June 22, 2018
Operations: Saturday, June 23, 2018 & Sunday, June 24, 2018

Where SARC proves they are an eating group with a radio problem.

More information to follow, but hold these dates.

JOTA

Boy Scout Jamboree On The Air

This year’s date is Oct 21, 2017. The plan is to again hold it at the Texas Transportation Museum.

For more information, contact: Gary (Mike) Harrison, KB5KST

Radio Fiesta 2018

January 13, 2018
Schertz Civic Center

Emergency Communications

If you are interested in emergency communications, contact: JC Smith N5RXS