



The Peanut Whistle

The Monthly Newsletter of the Amateur Radio Club of Parker County

ARCPC NEWSLETTER VOLUME 27 NO.4

APRIL 2017 ISSUE

ARCPC OFFICERS

PRESIDENT

THAD WEIKAL KG5ATD

VICE PRESIDENT

TONY JONES KG5ELV

SECRETARY-TREASURER

WILLIAM NEWMAN WL9N

DIRECTORS

JOEL PAGE KW5JP
WILL TEAGUE W5KD

CLUB SERVICES

W5PC TRUSTEE-QSL MGR

WILL TEAGUE W5KD

WEBMASTER

WILLIAM NEWMAN WL9N

PUBLIC INFORMATION

VACANT

EDUCATION CHAIRMAN

WILLIAM NEWMAN WL9N

NEWSLETTER EDITOR

CLUB HISTORIAN
WILL TEAGUE W5KD

PROGRAM-ACTIVITIES

VACANT

FIELD DAY 2017

TBD

HOSPITALITY

JUDY WOLF KB5JEY

REGISTERED AGENT

JERRY THOMPSON W7JT

RACES-ARES

ALLEN BEADLE KB5AB
TONY GUESS N5NRU
BILL NEWMAN WL9N

VE TESTING

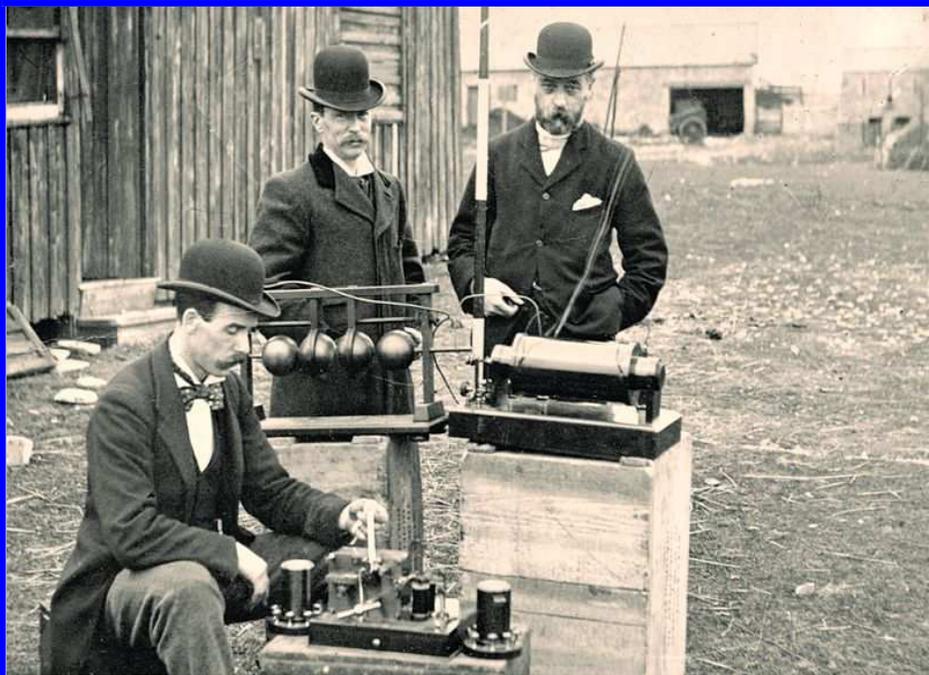
DOUG MAY WB5VQQ

ARRL

WEST GULF-NTX STAFF
DAVID WOOLWEAVER K5RAV
JOHN STRATTON N5AUS
JAY W5GM

EARLY DAYS OF RADIO

British Post Office engineers inspect Guglielmo Marconi's wireless telegraphy (radio) equipment



British Post Office engineers inspect Guglielmo Marconi's wireless telegraphy (radio) equipment, during a demonstration on Flat Holm island, 13 May 1897. This was the world's first demonstration of the transmission of radio signals over open sea, between Lavernock Point and Flat Holm Island, a distance of 3 miles. In the background is the spark-gap transmitter, an induction coil (right) that generates high voltage pulses that create sparks between the balls of the Righi spark gap (left), which excites oscillating currents in a wire antenna suspended aloft by the pole seen in the center, radiating radio waves. Information is transmitted by switching the transmitter on and off rapidly using a switch called a telegraph key (not visible), spelling out text messages in Morse code.

ANNOUNCEMENTS

Upcoming Ham Fests/Conventions

06/09/2017 | West Gulf Division Convention (Ham-Com)

Location: Irving, TX

Type: ARRL Convention

Sponsor: DFW Metroplex Clubs

Website: <http://www.Hamcom.org>

06/17/2017 | W5AW TailgateLocation:

Big Spring, TX

Type: ARRL Hamfest

Sponsor: Big Spring Amateur Radio Club

Website: <http://www.qsl.net/w5aw/>

ARCPC NEWS FLASH!!!!

ARCPC has a new meeting place starting with the April meeting. The meeting will be on the second Tuesday starting at 7:00pm at the Parker County EOC located at 215 Trinity Street Weatherford, Texas 76086.

ARCPC VE TESTING

VE testing for all license classes and upgrades will be conducted on the third Monday of each month, except November and December.

Time: 7:00 PM (Walk-ins allowed)

Contact: Douglas E. May WB5VQQ
(817) 613-7289

Email: dougmay@uwmail.com

VEC: ARRL/VEC

Location: What-a-Burger off of I20
Weatherford TX 76086

ARCPC HOSPITALITY

April, 2017 Meeting



Refreshments

Judy Wolf
KB5JEY



Jake Sez!

“You may not be able to turn back the clock, but you can always wind it again”

The Amateur's Code

by Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

CONSIDERATE..... never knowingly operating in such a way as to lessen the pleasure of others.

LOYAL..... offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE..... with knowledge abreast of science, a well built and efficient station, and operation beyond reproach.

FRIENDLY..... with slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED..... Radio is an advocacy, never interfering with duties owed to family, job, school or community.

PATRIOTIC..... with station and skill always ready for service to country and community.

MARCH 2017 ARPCPC MEETING MINUTES



Amateur Radio Club of Parker County Meeting Minutes March 14, 2017

The meeting was called to order by President Thad Weikal, KG5ATD at 7:17 P. M. Doug May, WB5VQQ, gave the invocation. The pledge of allegiance to the U.S. and Texas flags was led President Weikal. There were ten (10) members and no guests present.

Past President Jack Nixon, Jr. was not present at the meeting. The members introduced themselves by giving their personal callsigns phonetically, followed by their name and location.

Old Business: A motion to accept the minutes for January as published in the newsletter was approved by voice vote. The motion was by Alene May, KB5NNQ and was seconded by Will Teague, W5KD. The secretary/treasurer's report was read by President Weikal. A motion, by Doug May, WB5VQQ, with a second by James Chambers, KE5LFN, to accept the report as read was approved by voice vote. A general discussion of hamfest vendors, locations, and activities was conducted. The event is further clarified as open to include all emergency services and responders. All action on this event is postponed to a later time. The following activities need workers:

Newsletter-backup publisher
Club Owned Property Inventory

New Business: In Memory of SK- Clay Riley, KC0BWR- A \$50 donation was made to the American Lung Association. With sadness, we note the passing of Joe Thiel, N5SMN, who served as Assistant State RACES Officer.

A motion to increase annual dues to \$15 was approved. The motion was by Alene, KB5NNQ, with a second by James, KE5LFN. A motion to move the monthly meeting to the Parker County EOC was led by Jay Cox, KG5BZW and seconded by James, KE5LFN. The motion was approved. Next meeting will be April 11, 2017 at the Parker County EOC 215 Trinity St., across from the Farmers Market. A motion to adjourn was made by James, KE5LFN and seconded by Doug, WB5VQQ. The meeting was adjourned. Following the meeting, cookies and drinks were served by Judy Wolf, KB5JEY.

For the Secretary,
Respectfully submitted,

Jerry Thompson W7JT
Registered Agent



2017 Skywarn Class
ARCPC/Parker County
CERT Attendees

NEWS BRIEFS

Centennial of Amateur Radio Blackout for World War I Occurs on April 6

World War I commenced in Europe in August 1914, and the US, under President Woodrow Wilson, was determined to remain neutral. As the fighting and the enemy's resolve intensified, however, and Germany began sinking ships attempting to evade a naval blockade of England as well as non-military vessels, including the Lusitania with a loss of nearly 1,200 lives, it became inevitable that the US would enter the fray, and the leaders of the newly formed American Radio Relay League encouraged its 3,000 members to be prepared.

The US officially declared war on Germany and Austria-Hungary on April 6, 1917, and the US government ordered most private radio stations in the US either to shut down or be taken over by the government. For the duration of WWI, it was against the law for private citizens to even own an operational radio transmitter or receiver, so amateur transmitting and receiving stations had to be disassembled. Amateur Radio operating privileges were not restored until November 1919 (QST resumed publication a few months earlier).

Once the US declared war, QST editorials urged qualified amateurs to volunteer their desperately needed skills to the military. Enlistees were particularly directed to the Navy, the nation's principal service user of wireless. A specific program was developed to induct volunteer amateurs into the Naval Reserve for the duration — the Class 4 Naval Reserve. The requirements included citizenship, the ability to pass a physical examination, and the ability to send and receive Morse code at 10 WPM. Most volunteering radio amateurs chose to join this reserve, ARRL's first Communications Manager Fred H. Schnell, IMO, among them. He went to sea as a chief radioman.

ARRL co-founder Clarence D. Tuska received a commission as a lieutenant in the US Army Signal Corps, and he established a radio training school at Ellington Airfield near Houston, Texas.

QST itself suspended publication for the duration of the war. — Thanks to Mike Marinaro, WN1M, and United States Early Radio History by Thomas H. White.

Solar Flare Activity Goes High Order

04/03/2017

Following months of quiet and negligible solar flares, new sunspot 2644 unleashed a series of M-class explosions on April 1 and 2. Each blast produced a shortwave radio blackout over different parts of the planet. The powerful explosions also sent beams of radio energy toward Earth.

The Space Weather Prediction Center (SWPC) reports that moderate radio blackouts reaching the R2 level occurred over the past 24 hours, and minor radio blackouts reaching R1 level are anticipated over the next 24 hours. Region 2644 produced a pair of R2 radio blackouts at 0802 UTC and 2033 UTC on April 2.

“Multiple coronal mass ejections (CMEs) associated with the solar flare activity originating from Region 2644 have been observed but are not expected to be earth-directed,” the SWPC said.

R2 is a limited blackout of HF radio communication on Earth's sunlit side, and the loss of radio contact for tens of minutes. This also can degrade low-frequency navigation signals for tens of minutes, according to the SWPC. R1 means weak or minor degradation of HF radio communication on Earth's sunlit side, with occasional loss of radio contact. Low-frequency navigation signals can be degraded for brief intervals.

The SWPC predicts a 60% chance of R1 or R2 radio blackouts over the next 24 hours.

Information on this page was taken from the ARRL Website

NEWS BRIEFS

Midway and Kure Islands are Now Deleted DXCC Entities

Midway and Kure Islands have been placed on the list of DXCC deleted entities, effective August 26, 2016. This came about as an unintended consequence of action last summer by then-President Barack Obama that expanded the Papahānaumokuākea Marine National Monument to include the northwestern Hawaiian Islands west of Ni'ihau Island, making it the largest contiguous protected conservation area under the US flag.

Midway (KH4) had qualified for DXCC status by virtue of its being governed by a separate administration. Because it is now under the administration of Papahānaumokuākea Marine National Monument, however, it becomes a deleted entity. Approximately 50 people live on Midway, including US Fish and Wildlife Service staffers and contractors. The Battle of Midway, a turning point in the Allied World War II Pacific Campaign, took place in June 1942.

Now uninhabited, Kure Island (KH7K), a part of Hawaii, is separated from the rest of the state by Midway; because of that, it qualified for DXCC status under Section II, 2 (b) (iii) of the DXCC Rules — separation from its “parent” Hawaii. Midway Island’s change in DXCC status in turn made Kure Island no longer eligible for DXCC status, since Kure no longer is separated from the rest of Hawaii by intervening land or islands that are part of another DXCC entity.

Kure Island once was home to a US Coast Guard LORAN station, remnants of which are still evident. It has been a state wildlife sanctuary since 1981.

The relevant parts of Section II of the DXCC Rules follow:

A Geographic Separation Entity may result when a single Political Entity is physically separated into two or more parts. The part of such a Political Entity that contains the capital city is considered the Parent for tests under these criteria. One or more of the remaining parts resulting from the separation may then qualify for separate status as a DXCC Entity if they satisfy paragraph a) or b) of the Geographic Separation Criteria, as follows.

b) Island Areas (Separation by Water):

A new entity results in the case of an island under any of the following conditions:

iii) The island is separated from its Parent by intervening land or islands that are part of another DXCC entity, such that a line drawn along a great circle in any direction, from any part of the island, does not touch the Parent before touching the intervening DXCC entity. There is no minimum separation distance for the first island entity created under this rule. Additional island entities may be created under this rule, provided that they are similarly separated from the Parent by a different DXCC entity and separated from any other islands associated with the Parent by at least 800 km.

Neither Midway nor Kure was able to be activated without prior permission and only for a planned DXpedition. Only contacts made on August 25, 2016, or earlier will count for these two entities.

NEWS BRIEFS

California's Cellphone Driving Ban 'Too Broad'

CBS TV News reports on the campaign to have two-way radio operation excluded from Californian 'Distract Driving' statute AB 1785

Back in January, it became illegal to hold your cell phone while driving. But now some drivers say the law unfairly targets radio users as well and they want that to change.

"I'm driving down the road and talking on this radio," said Norm Lucas WB6RVR, holding his high frequency radio microphone. "Doing that simple act while driving is a \$20 ticket."

For Lucas, ham radio is more than a hobby. It's been his lifestyle since he was 12.

"It's enjoyable," Lucas said. "Somebody could come back to you from 40 miles away or 4,000 miles away."

But Lucas says his favorite pastime is now in danger. He's referring to a law written by Assembly member Bill Quirk in an effort to cut down on distracted driving. It's the same law that makes it illegal to use your cellphone behind the wheel.

VHF/UHF/Microwave Pioneer Don Hilliard, W0PW, SK

03/31/2017

A pioneer on VHF, UHF, and microwave bands, and the designer of a popular Yagi model, Don Hilliard, W0PW (ex-W0EYE), of Clayton, Oklahoma, died on March 25 following a lengthy period of ill health. An ARRL member, he was 81.

"Over the decades, Don made numerous contributions to the hobby and specifically in the VHF, UHF and microwave arena of Amateur Radio," said Bill Mc Caa, K0RZ. "He was a pioneer in developing the first amateur equipment for the 900 MHz band in 1983 in anticipation of the band becoming available for amateurs. Don was a founding member of the Central States VHF Society in 1967, as well as of the Microwave Update in 1985."

Hilliard's Yagi design, based on unpublished work by Peter Biezbicke at the National Bureau of Standards, was legendary in the VHF/UHF community. The antenna was described in "The World Above 50 MHz" ("15-Element Yagi by W0EYE") in the January 1972 edition of QST.

Hilliard also authored articles for QST and QEX.

Membership Application/Renewal form 2017-2018



W5PC

www.w5pc.org



**AMATEUR RADIO CLUB OF PARKER COUNTY, INC.
P.O. BOX 1795
WEATHERFORD, TX 76086**

ARCPC INFORMATION NET

Mondays at 8:00 pm on 147.040 (Tone 110.9)

WC5C Net

Thursdays at 8:00 pm on 147.1600+ (Tone 110.9)

MEETINGS

The Amateur Radio Club of Parker County holds general membership meetings Throughout the year on a monthly basis the second Tuesday of each month beginning at 7:00pm at the Parker County EOC 215 Trinity Street, Weatherford, Texas 76086.

AMATEUR RADIO CLUB OF PARKER COUNTY MEMBERSHIP APPLICATION

NAME: _____ CALL SIGN: _____
LICENSE CLASS: (E)(A)(G)(T)(N) ARRL MEMBER: (YES) (NO) STATUS: (NEW) (RENEWAL)
(CIRCLE APPLICABLE ANSWERS ON ABOVE LINE)

ADDRESS: _____ EMAIL ADDRESS: _____
CITY: _____ STATE: _____ ZIP (plus 4): _____
PHONE: HOME: _____ WORK: _____

INITIATION FEE: One time initiation fee per family - \$5.00 (+ 1 same household or full time college

ANNUAL DUES: \$15.00. HAM FAMILY MEMBERSHIP: \$15.00 student)(Add an additional \$5.00 if you wish to receive a hard copy of the newsletter).

HAM FAMILY MEMBER NAME: _____

CALL SIGN: _____

Cut out and mail this application to the ARCPC Secretary/Treasurer along with you check or money order for the amount due. Or, bring it to the next regular club meeting.

ANNUAL MEMBERSHIP RENEWALS ARE DUE IN JUNE