



MARC Beacon

Volume 8, Issue 3

The Morongo Basin Amateur Radio Club Newsletter

March 2019

President's Message

Greetings fellow hams,

Wow! How about that snow on February 21?

Thanks to Patrick N4LKZ for getting the winter weather advisories promptly to the club. As a result, we were able to disseminate information about postponing the regular club meeting in anticipation of the inclement weather which did indeed present.

It was good to see those of you that showed up at our club meeting on February 28. There were 23 in attendance. That's fantastic! I think that my excitement for broad club engagement is shared equally among our club members.

We've got a few things brewing: The 2019 ARRL Field Day, of course; bringing ARES closer to MARC, Morse-code classes, and fundraising to replace aging repeaters. All of these are in early form. Next month I hope to be able to share more about the shape of these things to come.

We'll be moving forward on those projects and also on ideas from within our club which interest and greater engage our club members.

I look forward to your attendance at our March club meeting.

Sincerely,

Aaron B. Chesney

KM6IAU

Yucca Valley

210-632-3444

Aaron@km6iau.net



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Linked Repeaters

Yucca Valley, W6BA

146.790 MHz (- shift = 146.190 MHz) 136.5 Hz PL/CTCSS

Twentynine Palms, W6BA

147.060 MHz (+ shift = 147.660 MHz) 136.5 Hz PL/CTCSS

Landers, WB6CDF

447.580 MHz (- shift = 442.580 MHz) 173.8 Hz PL/CTCSS

Nets

Amateur Radio Emergency Service (ARES)
Mon @ 1915
Morongo Basin Amateur Radio Club (MARC)
Tue @ 1900

Social Media,

Club web page: <http://www.w6ba.net>

Facebook:

<https://www.facebook.com/MorongoBasinAmateurRadioClub>

W6BA Live Feed:

<http://www.broadcastify.com/listen/feed/10199/web>

Club Meeting

Every 3rd Thursday of the month at 7 PM.
St. Christopher of the Desert Catholic Church
61261 Sunburst Dr., Joshua Tree, CA



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TOM MEDLIN W5KUB WEEKLY WEBCAST 100%
HAM RELATED. TUESDAY NIGHTS AT 8PM
<http://tmedlin.com/> OR <http://w5kub.com>



HAMNATION IS A WEEKLY HAM RADIO RELATED TV
SHOW WITH FAMOUS HOSTS SOME OF YOU MAY
KNOW LIKE, GORDON WEST, BOB HEIL AND OTHERS.
WEDNESDAY NIGHTS AT 6PM
<https://twit.tv/shows/ham-nation>



The weather station on Paxton Hill at the
W6BA repeater site has been repaired. It will
now show accurate wind speed and
direction measurements.

<https://www.wunderground.com/personal-weather-station/dashboard?ID=KCAUYCCA57>

Glenn N6GIW

I also have A weather station by the high
school in Yucca Valley N6GKB.

<https://www.wunderground.com/weather/us/ca/yucca%20valley/34.114512399999995%2C-116.4194904>

Keith N6GKB

HERE IS THE EXECUTIVE BOARD LINEUP FOR THE 2019 YEAR:

President: Aaron Chesney KM6IAU

VP: Patrick Mathis N4LKZ.

Secretary: Paul Edwards AA6SM
(*and club W6BA website editor*)

Treasurer: Manuel Borges AE6SG
(*re-elected*) (Thank You)

Board of Directors:

- Andy Frees NS6V – (Past President)
- Sam White - WB6SEW
- Keith Board - N6GKB
(*and editor of the MARC newsletter*)
- KM6QQP - Loren McCorkle
- KA6CMJ - Jesse Lyon
- N6GIW - Glenn Miller
(*Repeater chairman and club license [W6BA] trustee*)(Thank You)

St. Patrick's Day Special Event Offering New Award this Year

03/04/2019

Stations around the world will once again be on
air to turn the bands green as part of the St.
Patrick's Day Award. The 48-hour annual event
will run from 1200 UTC on March 16 until 1200
UTC on March 18. A new award will be
available to those operating modes requiring
software or a computer. To register as a station
or to learn more, **visit** the St. Patrick's Day
Award website: <https://stpatrickaward.webs.com>
Thanks to Bobby Wadey,
MIØRYL





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Bakelite Patent Awarded 100 Years Ago

Radio amateurs of a certain age are more familiar than most newcomers with the trade name **Bakelite**, which derives its name from its inventor Leo Baekeland, who developed **Bakelite** phenolic resin, the first thermosetting plastic, in 1907. His process patent for making insoluble products of phenol and formaldehyde -- the components of **Bakelite** -- was filed that year, and Baekeland was awarded a patent a century ago come this December. **Bakelite** found a place in numerous technologies, including early ham gear and radios, widely employed as an insulating material.



Once a **Bakelite** product is formed, it will not change shape or melt under heat. In compression molding, the resin is generally combined with fillers such as wood or asbestos before it's pressed into the ultimate product shape. Tube sockets often were constructed using **Bakelite**. It later found its way into such products as jewelry. In February 1909, Baekeland officially announced his achievement at a meeting of the New York section of the American Chemical Society.

WWV Centennial Special Event Will Use WW0WWV

With its funding secure for another year, WWV, the world's oldest continuously operating radio station, will have extra reason to celebrate its centennial this fall. The National Institute of

Standards and Technology ([NIST](#)) and the Northern Colorado Amateur Radio Club ([NCARC](#)) have teamed up to organize 100th anniversary events. A memorandum of understanding is pending. The [WWV Committee](#) has announced that the call sign WW0WWV was granted on February 23 to the WWV Amateur Radio Club for use during the Amateur Radio special event, planned to run September 28 - October 2, with operators on the air around the clock. NCARC predicts the effort will require "hundreds" of volunteer operators.



"The 100th anniversary is an occasion to celebrate radio and our understanding of the electromagnetic spectrum, and an opportunity to help people everywhere appreciate what radio does in their everyday lives," said Dave Swartz, WODAS, who has been spearheading the on-the-air event.

The WWV Committee met on February 22, with representatives of NCARC and NIST on hand, to further firm up plans for the centennial celebratory events. Although the US government cannot fund any Amateur Radio special event expenses, club members will be allowed to use a 15-acre parcel on WWV property, Swartz has explained. The operating site lies outside the security fence.

For its part, NIST will focus on plans for an October 1 recognition ceremony and an open house at the radio station north of Fort Collins.



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The 15th Anniversary of the Yuma Hamfest



THERE WAS PLENTY TO CHOOSE FROM



THE ENTRANCE



LOTS OF GREAT PRIZES!



THE SWAP MEET.
AND THE WEATHER WAS GREAT.



The ATN Group had a great showing of 9 ATVers!
<https://atn-tv.org>



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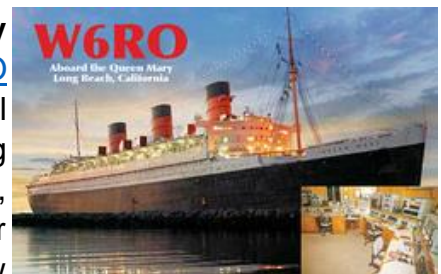
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**The Yuma Hamfest Dinner was great and there was so many prizes to be won!!
WE ALL HAD A GREAT TIME ! The Dinner was sold out, I can't wait for next year.**

In Brief...

W6RO aboard the *Queen Mary* to Celebrate 40th Anniversary in April The 50-member volunteer crew of the *Queen Mary* [W6RO](#) Nate Brightman Wireless Room will mount a month-long special event in April to mark the 40th anniversary of the station's opening on the museum ship in Long Beach, California. Launched April 22, W6RO was the first of what has grown to more than 100 Amateur Radio stations based on museum ships around the world. Crew members work tirelessly to keep W6RO on the air and make as many contacts as possible during April. Station manager David Akins, N6HHR, has set a goal of 1,000 logged contacts during the 30-day event. A commemorative QSL card [will be available](#) with an SASE. Founded by Nate Brightman, K6OSC (SK), W6RO is the club station of the Associated Radio Amateurs of Long Beach.





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A message from Aaron Chesney the club president:

Greetings fellow hams,

There has been talk the past couple years about maybe doing some CW classes. It came up again and we thought we'd try to see how we can make it happen.

We don't have any dates or times pinned down--at this point--we want to find out the level of interest, and license classes of those interested to see how we might best accommodate.

If you have an interest in learning CW through some club organized classes, reply to my email and let me know. Also let me know your license class. (e.g. Novice, Tech, General, Advanced, Extra)

Aaron@km6iau.net

Editor Point of Contact (POC)

Keith Board, N6GKB, 760-401-5124, N6GKB@live.com

Submission deadline is 4 days before the 1st of each month





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ARES
Feb 2019

This being a new column to the MARC Beacon I would like to say thank you to Nicki Koch, KO6C who has been the ARES EC for the past several years. I hope to have as successful team as she.

The ARRL ARES program is in the process of being re-organized to better facilitate operations to served agencies both Government Organizations GO's and Non-Government organizations NGO's.

The ARRL Public Service Enhancement Working Group has finished a three-year study and provided its recommendations as the "ARES Strategic Plan" to the ARRL Board of Directors at its January meeting. The board voted to approve and implement the new plan. This plan is specially designed to standardize and certify training and the credentialing of ARES members.

Since this is a new program I probably have as many questions as other members. Since January I have met with the new ARES District Emergency Coordinator, the Emergency and Assistant Emergency Coordinators from Coachella Valley and Carl Gardenias WU6D, the Orange Section Manager.

There is a new volunteer management, communications and reporting system called "ARES Connect" and the URL is <http://arrl.volunteerhub.com/lp/org/>. The org is for Orange Section. I have participated in one webinar for this web site and other than register myself which was easy I don't have any answers for question yet. You can read about these by going to www.arrl.org and typing ARES Strategic Plan or ARES Connect at the top right of the page under Website Search then hit go.

For information about ARES contact me at ab0wm@arrl.net , or ab0wm@w6ba.net.

Jim Nagel, AB0WM
Morongo Basin ARRL EC



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I Wish to thank Patrick Mathis N4LKZ

For a great presentation about our local weather events and the use of SKYWARN, and how it works.

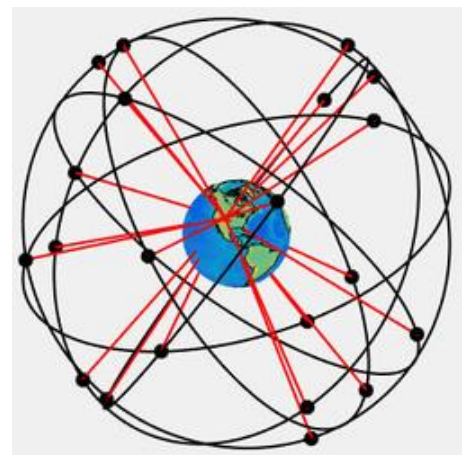
Till his presentation I myself didn't even know it existed in California considering our weather compare to the rest of the united states in whole is usually pretty non eventful and boring in comparison.

Anyone interested in the program or joining the spotters program can contact Patrick. He will be more than glad to gat a group of interested HAMS involved.

GPS Network May Experience Errors in "Week Number" Rollback

The GPS network will encounter a small millennium bug of its own in April when the network's "week number" rolls back to zero. This known issue especially could affect those who use GPS to obtain accurate Coordinated Universal Time (i.e., UTC). In the GPS network, the number of the current week is encoded into the message the GPS receives using a 10-bit field. This allows for weeks ranging from zero to 1023. The current period began on August 1, 1999. On April 6, 2019, the week number rolls over to zero and starts counting back up to 1023.

This should not affect later-model GPS receivers that conform to IS-GPS-200 and provide UTC, but testing carried out by the US Department for Homeland Security (DHS) raised the possibility that some units may misinterpret the rollover, shifting the date back to January 6, 1980, or possibly to another incorrect date. An affected GPS not only may report the incorrect date, but time accuracy that is critical to precise location data could be compromised. A nanosecond error in GPS time can equate to 1 foot of position (ranging) error, according to [DHS-published guidelines](#) that explain the issue and suggest how to address it.





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MARCH 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	9
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS JOHN		ARES Meeting 6:00 pm Good Shepherd Lutheran Church Yucca Valley		
10	11	12	13	14	15	16
DAYLIGHT SAVINGS TIME FORWARD 1 HOUR	ARES Net 7:15 pm	MARC Net 7:00 pm NCS GLENN				
17	18	19	20	21	22	23
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS FRED	FIRST DAY OF SPRING SPRING EQUINOX	MARC Meeting 7:00 pm Board meeting at 5:30pm In J.T.		
24	25	26	27	28	29	30
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS CHRIS				
31						