

# Meeting Minutes and Seconds



**BARC**  
Bonac Amateur Radio Club  
Serving Community and Country  
East Hampton, Long Island, NY

## Call to Order

A meeting of Bonac Amateur Radio Club was held at The Amagansett Library on March 22, 2018. The meeting began at 6:09PM with a reciting of the Pledge of Allegiance.

## Attendees

Attendees included Eddie Schnell WZ2Y, John Watson K2BKR, Matt Stutterheim KD2BXA, Steve Casco W2SFC, Cliff Kalfaian N2GYI, Jessica Kalfaian KD2NYX, Scott, and a new member George Meredith, formally W9CNT before the FCC ban on lewd and inappropriate call signs.

## Approval of Minutes

John K2BKR and Steve W2SFC tabled minutes for the next meeting. At this point, it was determined that the club was in dire need of a new secretary.

President Eddie WZ2Y went out on a limb and hired Jessica KD2NYX, without prior review of her credentials or criminal background, as she was the only member of the club qualified to handle the extremely technical position.

## Old Business

- Although our treasurer was not present, it was noted that the Club has a modest balance in the bank, and it was suggested that a round of dues notices be sent out to remind our members.
- The DMR repeater is up and on the air, temporarily at the top of the East Hampton Tower; output frequency is 443.200 MHz, with mobile coverage into Montauk, East Hampton, and Sag Harbor. This will eventually be moved to the Montauk tower.

## New business

A motion was put forth that Field Day 2018 is to be held June 23<sup>rd</sup> -24<sup>th</sup> with Friday, June 22<sup>nd</sup> as a workday. Field Day will take place at the GATR sight again.

MOTION ACCEPTED by Steve W2SFC and seconded by John K2BKR

A motion was put forth that the Loop Antenna that fell down will be replaced with:

- 20 Meter Beam Antenna
- 40 Meter Dipole or Off Center Fed Dipole
- 80 Meter Dipole
- Cliff N2GYI offered to supply his home brew vertical 80M antenna as an alternative.

MOTION ACCEPTED by Cliff N2GYI and John K2BKR.

At this point the business meeting was adjourned at approximately 6:50 pm, and followed by a presentation on DMR (Digital Mobile Radio) by Eddie, WZ2Y

## Presentation

- DMR is a rapidly growing mode. To get a sense of the rapid growth, in 2013 there were just 2,511 registered DMR users. In 2017, there were 52,410.
- DMR works by utilizing local repeaters and the Internet to connect radios worldwide.
- Some Advantages of DMR include:
  - Improved voice quality over older digital modes
  - Longer Battery life of devices (about 20%)
  - Better signal quality
  - Automatic roaming as you move between different zones, or get closer to different repeaters
  - Many competitors, resulting in lower priced radios
  - Each Repeater has two channels, or time slots
  - Each channel occupies just half the bandwidth of its Analog equivalent
  - Allows HAMs to communicate across the world without stringing up large antennas.
- The first and biggest of the DMR Networks is DMR Marc (Motorola). Other newer Networks include C-Bridge, BrandMeister, and Hytera DMR.
- DMR works with timeslots and talk groups. A 7-digit radio ID is required for every user.
- Connectivity is dependent on “priority” which is determined by a worldwide plan that favors local repeaters.
- When no local repeater is available, a DMR Dongle can be used to connect to other DMR radios through the internet