



PEAKS & NULLS



MORRIS RADIO CLUB

Volume II, Issue II

February 23, 2012

HAPPY BIRTHDAY EVERYONE

When I first saw notices that Amateur Radio was 100 years old this year it didn't quite make sense. Wireless has been around since the 1890's and there were plenty of early "Hams" heating up the ether. So I decided to do some research. In 1895 Nikola Tesla was able to receive a signal over a distance of 80 km (49.7 miles). In 1896 Guglielmo Marconi, who was only 22 at the time, transmitted Morse Code over a distance of 6 km (3.7 miles) on the Salisbury Plain in England. In 1899 Marconi had increased the distance so as to be able to send signals across the English Channel. In 1901 he received a signal transmitted from Poldhu, Cornwall, Great Britain at Signal Hill in St. John's, Newfoundland, Canada. The first voice transmission was in 1906 by a Canadian, Reginald Fessenden. Even though these people get all the credit there were many others experimenting with this new mode of communication. So what makes 1912 so great that it is credited with the start of Amateur Radio? Well we almost didn't get started. In 1910 Senator Chauncey Depew of New York had a bill in the Senate that would prohibit experimentation by Amateur Radio Operators. He was afraid of interference to the U.S. Navy.

His bill failed and a year later the Radio Act of 1912 was passed. This was the law that required licensing of all radio stations by the Federal Government and that all seagoing vessels monitor distress frequencies at all times. The main reason for this law was the sinking of the Titanic. It was learned that there was a ship closer to the Titanic than the Carpathia but the radio operator was not on duty so it did not hear the distress call from the Titanic. Another reason for the law was that some of the early "Hams" took delight in sending fake Naval messages and distress calls. Before 1912 no one was licensed. Everyone made up his own call and there were no technical requirements for a station. So this is why we say that Amateur Radio is 100 years old in 2012. It's from when the licensing started. In the same time frame the United Kingdom, Canada, Australia, France and Argentina started licensing their Amateurs and adopting rules for operation. In 1927 the Radio Act of 1927 replaced the Radio Act of 1912 and created the Federal Radio Commission. There were approximately 30,000 Hams at that time. Prior to 1929 Hams were only allowed on fre-

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IT'S THAT TIME OF THE YEAR AGAIN

The 2012 Field Day Packets have been released and there are no changes in the rules from last year. Field Day this year is June 23rd & 24th. We'll be discussing

this at upcoming meetings and start to make plans soon.



UPCOMING MEETINGS

February 27, 2012 Regular business meeting

(Note: The meeting will be held on the 4th Monday of the month due to the Presidents Day Holiday)

March 19, 2012 Regular business meeting

April 16, 2012 Regular business meeting

2012 DUES

2012 DUES

Noel NO2EL is now accepting dues payments for 2012. \$15.00 for full membership, \$10.00 for associate.

SELECTED UPCOMING CONTESTS

ARRL Inter. DX Contest, SSB	0000Z, Mar 3 to 2400Z, Mar 4
North American Sprint, RTTY	0000Z—0400Z, Mar 11
BARTG HF RTTY Contest	0200Z, Mar 17 to 0200Z, Mar 19
CQ WW WPX Contest, SSB	0000Z, Mar 24 to 2400Z, Mar 25



PREDICTED SUNSPOT NUMBER AND RADIO FLUX FOR MARCH 2012

*****SUNSPOT NUMBER*****

*****10.7 RADIO FLUX*****

PREDICTED HIGH LOW

PREDICTED HIGH LOW

82.6 91.6 73.6

134.9 142.9 126.9

JANUARY MEETING MINUTES

Morris Radio Club – Meeting Minutes
January 23, 2012

Attendees (8) W1SMP, W2ADM, NO2EL, K2EMJ, KC2KNT, W2GM, KC2RDX, WA2VQF

Opening of Meeting
President Ed Peters K2EMJ opened the meeting at 7:41 PM

Reports:

Secretary – Bill WA2VQF reported that the November Minutes were issued in the December Peaks and Nulls Newsletter and that no corrections were received. There were no December minutes because there was no business meeting. RAY KC2KNT moved that the minutes be accepted. MARK W2GM seconded. The minutes were accepted

Treasurer – Noel NO2EL reported the current account balances. The balances are available from Noel NO2EL.

RAY KC2KNT moved that the Treasurers report be

accepted. It was seconded by Adam VE2ADM and unani- mously accepted.

Old Business:

The VEC session produced two new Generals that were both present at the meeting. Adam W2ADM and Stacey W1SMP. Both got new vanity call signs.

Ed thanked Noel for arranging the Holiday Party.

Noel has received the certifi- cated of insurance for both the meeting room and Field Day.

New Business:

Noel is having problems with the computer running the web page. It keeps losing the links.

Stacy is going to see if a Ham student at her school would be interested in redoing the web page and backing Noel up in maintaining it.

The Skywarn class is being finalized for a Wednesday night in late April or early May.

Motion to Adjourn Ray KC2KNT
Seconded by Adam VE9ADM

Ed closed the meeting at 8:09 PM

Following the meeting a video of the W6RO opera- tion aboard the Queen Mary in Long Beach California was shown.

Respectively Submitted,

Bill WA2VQF
MRC Secretary

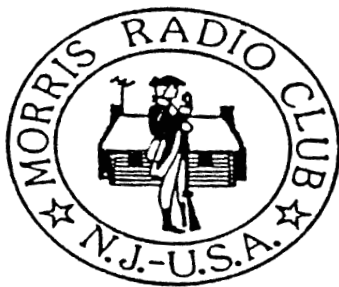


MORRIS RADIO CLUB

K2EMJ ED PETERS PREDISIDENT
KC2RDX ROB BRABANDT VP
WA2VQF BILL LOFTUS SECRETARY
NO2EL NOEL SCHEFFEN TREASURER

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quencies of 200 meters (1.5 MHz) and down. They were also restricted as to location and operating hours. But in 1929 Hams were given the "experimental" bands of 160, 80, 40, 20 and 10 meters that are all harmonically related (15 was not added until 1952 for CW and 1953 for phone). The next big change was in 1934 when the Communications Act of 1934 did away with the Federal Radio Commission and replaced it with the Federal Communications Commission. Part 97 contains the rules and regulations for Amateur operation. 2012 may be the 100th Anniversary of Amateur Radio but, better get ready for another party. The ARRL turns 100 in two years.

THE MORRIS RADIO CLUB IS AN ORGANIZATION OF AMATEUR RADIO OPERATORS WHICH HAS BEEN IN EXISTENCE FOR OVER SIXTY FIVE YEARS. AS A HOBBY, AMATEUR RADIO SERVES AS A PUBLIC RESOURCE FOR COMMUNICATIONS AS WELL AS AN EDUCATIONAL EXPERIENCE.

ALTHOUGH MANY WHO BECOME INTERESTED IN AMATEUR RADIO ARE INVOLVED IN AN ELECTRONICS RELATED FIELD, THE HOBBY APPEALS TO A WIDE VARIETY OF INDIVIDUALS.

THE MEMBERSHIP OF THE MORRIS RADIO CLUB IS A DIVERSE GROUP MADE UP OF MEDICAL, BUSINESS, EDUCATION, AND LAW ENFORCEMENT PROFESSIONALS, AMONG OTHERS, WHOSE COMMON INTERESTS ARE COMMUNICATION, EDUCATION, AND PUBLIC SERVICE.

HAMFEST CALENDAR

BARA Spring Auction

3/11/2012

Location: Westwood Junior/Senior High School

701 Ridgewood Road

Township of Washington, NJ 07676

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

Sponsor: Bergen Amateur Radio Assn

37th Annual Cherryville Hamfest

03/17/2012

Location: North Hunterdon High School

1445 Route 31

Annandale, NJ 08801

Website: <http://www.qsl.net/w2cra>

North Jersey Hamfest

03/24/2012

Location: Roxbury Senior Center

72 Eyland Avenue

Succasunna, NJ 07876

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

Sponsor: Splitrock Amateur Radio Assn