



# PEAKS & NULLS



MORRIS RADIO CLUB

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May 12, 2011

## Program Notes

At the April meeting Henry Patterson K2DEU gave a presentation on his service during World War II. Henry had on display many mementos as visual aids to his talk.

At the May meeting Noel NO2EL will give a presentation on Wi-Fi installations.

At the June meeting which is 5 days before Field Day we'll be going over our preparations and review our logging program and the rig that we will be using.



Chaplain Captain Paul Rech KC2ITU of the Civil Air Patrol honors Henry Paterson K2DEU after his presentation on his service during WWII at the April meeting

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## LETS GO DIGITAL

This month let's look at free software to do the digital modes. By digital modes we mean RTTY (Radioteletype) and all the variations of BPSK (Binary Phase Shift Keying) like PSK31. In the case of all of this software we let the computers sound card do all of the work. In fact to get started and just listen to what's going on all you need is a cable from your rigs speaker output to the line input (or MIC input) of your sound card. Then using the computer volume control panel adjust the input level for proper reception.

### HAMSCOPE:

Hamscope is an older program that may not work fully with Windows XP and has not been tested with newer operating sys-

tems. It uses what are called Engines (Complied code that this program can access) of other programs (The MMTTY Engine for RTTY). It can be found at <http://www.qsl.net/hamscope>

### MULTIPSK:

MultiPSK written by F6CTE supports BPSK, MPSK, Packet, Factor I, AMTOR, Olivia, Hell-schreiber, RTTY and SSTV. It is available at [http://f6cte.free.fr/index\\_anglais.htm](http://f6cte.free.fr/index_anglais.htm).

### MMTTY AND MMVARI:

Both MMTTY and MMVARI are written by JE3HHT Makoto Mori. MMTTY is a RTTY only program whereas MMVARI which is listed as an experimental program supports

RTTY, BPSK, GMSK, MFSK and QPSK. NIMM Logger which used to have MMTTY as its standard digital program with MMVARI as an alternate selection now comes with MMVARI as the digital program. This is the digital interface that we will be using on Field Day. Both are available at <http://hamsoft.ca/>

### WIN WARBLER:

Win Warbler supports PSK31, PSK63, PSK125 and RTTY. It uses the MMTTY Engine for RTTY. It can simultaneously decode PSK transmissions on three separate frequencies and can simultaneously monitor and decode up to 47 PSK transmissions across the band, extracting callsigns and cap-

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## GET READY

### Field Day is June 25 & 26



## UPCOMING MEETINGS

MAY 16, 2011

AGENDA: Regular Business Meeting

PROGRAM: NO2EL will talk on Wi-Fi installations

JUNE 20, 2011

AGENDA: Regular Business Meeting

PROGRAM: Field Day

## 2011 DUES

### 2011 DUES

Noel NO2EL is now accepting dues payments for 2011. \$15.00 for full membership, \$10.00 for associate.

## SELECTED UPCOMING CONTESTS

10-10 INT. OPEN SEASON PSK CONTEST	0000Z, JUN 4 TO 2400Z, JUN 5
SEANETCONTEST	1200Z, JUN 4 TO 1200Z, JUN 5
ARRL JUNE VHF QSO PARTY	1800Z, JUN 11 TO 0300Z, JUN 12
HIS MAJ. KING OF SPAIN CONTEST, SSB	1200Z, JUN 25 TO 1200Z, JUN 26
ARRL FIELD DAY	1800Z, JUN 25 TO 2100Z, JUN 26



## PREDICTED SUNSPOT NUMBER AND RADIO FLUX FOR JUNE 2011

### \*\*\*SUNSPOT NUMBER\*\*\*

PREDICTED	HIGH	LOW
59.2	69.2	49.2

### \*\*\*10.7 RADIO FLUX\*\*\*

PREDICTED	HIGH	LOW
113.6	122.6	104.6

## APRIL MEETING MINUTES

Morris Radio Club Meeting  
Minutes  
April 18, 2011

Attendees (10) K2DEU,  
NO2EL, K2EMJ, KC2ITU,  
KC2KNT, W2LEE,  
KC2MFL, KC2RDX,  
WA2VQF, W2ZKE

Opening of Meeting  
President Ed Peters K2EMJ  
opened the meeting at 7:33  
PM

### Reports:

Secretary – Bill WA2VQF  
reported that the March  
Minutes were issued in the  
Peaks and Nulls Newsletter  
and that no corrections  
were received. Ray  
KC2KNT moved that the  
minutes be accepted. Irma  
KC2MFL seconded. The  
minutes were accepted

Treasurer – Noel NO2EL  
reported a correction to  
the March Treasurers re-  
port and presented the  
current account balances.  
The balance numbers are  
available from NO2EL.

Ray KC2KNT moved that  
the Treasurers report be  
accepted. It was seconded  
by Irma KC2MFL and unani-  
mously accepted.

Noel NO2EL reported that  
we now have 17 members  
and he will update the  
member list on the MRC  
Web Site.

Old Business:  
Noel NO2EL reported that  
he is still getting equipment  
from the silent key and we  
may have an additional IC-  
756PRO for Field Day. He  
is still evaluating the anten-  
nas.

Noel is scheduled to make  
multiple presentations on  
radio at Morristown High  
School.

The possible loss of 440  
MHz due to HR-607 was  
again discussed.

### New Business:

Ed K2EMJ brought up that  
we should start reserving  
Bee Meadow Park for Field  
Day. A short discussion  
was held about running two  
stations and using a shelter

from the Morris Township  
OEM. A further discussion  
will be held next month.

Motion to Adjourn Ray  
KC2KNT  
Second Irma KC2MFL  
Ed closed the meeting at  
7:53 PM

After the meeting Henry  
Patterson K2DEU pre-  
sented a program on his  
service in World War II.

Respectively Submitted,

Bill WA2VQF  
MRC Secretary



Henry K2DEU making his presentation  
at the April meeting.

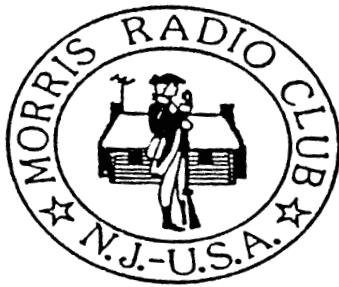


## MORRIS RADIO CLUB

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

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**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

*(Continued from page 1)*

turing text. It can be found at <http://www.dxlabsuite.com/winwarbler/>.

Load one up (I recommend MMVARI) hook up your rig and give a listen. You never know what you're going to hear. My contacts with EMIHO in Antarctica and ET3TK in Ethiopia were both on RTTY.

Since the June issue will be devoted to Field Day. We'll pick up with Propagation programs in the July issue.

### JUNE 18

**Piscataway, NJ (formerly Dunellen)** - Raritan Valley RC, W2QW Hamfest  
 Piscataway High School Lot # 11/12, 100 Behmer Road at Hoes Lane, Piscataway  
 Raritan Valley Radio Club, PO Box 192, Martinsville, NJ 08836  
<http://www.w2qw.org>