





April 2012

Volume 51 Issue 04

# Secretary's Report MARA MINUTES 3/20/2012

18:38 Meeting called to order Present were: Bruce, NI1X; Pete, N1NVV; Jim, N1LKJ; Roy, KB1CYV; Carl, N1FY; Jay, N1FDX; William, KA1TXK; Barry, N1EZH; Bob, N1LCY; Jeff, N1ZZN; Loren, N1IQI; Walt, W1WCF

Secretary's report accepted as printed in the newsletter. Treasurer's report accepted as read by Barry, N1EZH. Repeater report -all seems normal.

Field day plans – EOC needs antenna work –Jeff N1ZZN volunteered to help Contact Carl – N1FY if you help out.

South Shore Fox Hunters Whitman Saturday 10am

Framingham ARA Flea Market Sunday

Search Dogs Sunday March 25, 2012 KB1TEE@verizon.net

10 meter net 29.470 Thursday nights

Net control operators needed

Elections Nominations

Carl June 2 Camp Yomechas 5K Roadrace – Let Carl, N1FY, know if you can help

June 9, 10th Wild Weather Weekend

Skywarn refresher course online

18:53 Meeting adjourned

Carl - N1FY - Races / ACS presentation

### **Next Meeting**

MARA's next meeting will be held on April 17, 2012 at the Bridgewater Public Library. The business meeting will begin at 6:30 pm followed by a presentation

### **Brockton Road Race Support Needed on April 21 2012**

Here is the latest news from Carl N1FY.

We will meet at the abandoned Getty gas station on Main Street (opposite number 555) Brockton between 7:30 and 8:00 am . We will use 146.535 simplex as main frequency and 147.180 repeater as back up frequency for the race.

### FCC Seeks Public Comments on Emergency Communications by Amateur Radio and Impediments to Amateur Radio Communications

In response to the Congressional directive to prepare a study to assess Amateur Radio's role in emergency and disaster communications and the impact of private land use regulations on the Amateur community's ability to provide such communications, the FCC issued DA 12-523 soliciting comments from the public. The period for public comment runs until May 17, 2012.

"As part of the study contained in Public Law No. 112-96, the Commission has opened a 45 day period for comments to be filed on the issue," said ARRL Regulatory Information Manager Dan Henderson, N1ND. "Because of the short deadline for the study to be completed and presented to Congress -- before the end of August -- the ARRL and the amateur community must quickly mobilize their response."

## Digital QST: Coming Soon to a Computer Near You!

The new digital edition of QST will debut toward the end of May. If you are an ARRL member and you haven't yet signed up to be notified automatically when the digital edition becomes available, you can do so easily. Just click on the "Edit your profile" link on the <u>ARRL website</u>. Once you are in your profile, click "Edit e-mail subscriptions" and then check the box next to "Notification of monthly digital edition of QST." That's all there is to it. A new <u>FAQ</u> about the digital edition has the answers to the questions ARRL members have been asking (it can also be accessed from the <u>QST</u> page on the <u>ARRL website</u>). We hope you enjoy the new digital edition of QST.

## Jack W1AKN Has Some Nice Gear for Sale

#### Contact W1AKN@arrl.net

# 1 Yaesu FT-817ND All band all mode QRP rig - 160 thru 70cm all modes. Asking \$500 \$700 new

Description: The world's first self-contained, battery-powered, Multi-mode Portable Transceiver covering the HF, VHF, and UHF bands! Despite incredibly small size (5.3" x 1.5" x 6.5"), the FT-817 delivers big performance! Its next-generation PA puts out five watts on all HF bands, plus the 50 MHz, 144 MHz, and 430 MHz bands, on all popular operating modes: USB/LSB/CW/AM/FM/Packet/PSK-31/RTTY. Now the 817 legacy is even better with the introduction of the FT-817ND, which includes coverage of the U.S. 60-meter (5 MHz) band, and it also includes a 1400 mAh NiMH Battery pack (FNB-85) and NC-72B Charger!

#### 1 Tokyo HyPower HL-45B Linear Amp for QRP rig - 160 thru 6 meters Asking \$360 \$460 new - never used - in box

Description: A compact solid-state linear amplifier with maximum output power of 45W. Featuring built-in auto band select function when combined with YAESU FT- 817 QRP radio.( DC power requirement : 13.8V 8.5A ) 5 IN 45 OUT Max 1.8-28MHz+6M Amp Auto band switching for FT-817

Designed to work Yaesu FT-817/FT817ND

#### 1 LDG Z-817H auto ant tuner for QRP rig or with THP Amp HL-45B Asking \$100 \$160 new - never used - in box

Description: RF Power 0.1 to 75 watts SSB, CW and digital modes. Latching relays for ultra low power consumption. Battery operated 4 x 1.5V Alkaline AA (not included) Built-in CAT port interface. CAT thru port for computer connection. 38400 baud. 2000 memories when used with FT-817 interface (200 memories for other radios), 1.8 to 54 MHz coverage (continuous coverage for MARS) ... tunes 6 to 600 ohms (about 10:1 SWR range). 16 to 150 on 6M (about 3:1); SO-239 in and out connections for dipoles, verticals, beams, G5RV, OCF, ect. Compact and light ...

Dimensions: 7" L, 5" W, 1.5" H. Weight: 1 pound (without batteries). Includes 1 foot CAT The FT-817ND plus HL-45B and LDG Z-817H available in package deal for just \$900 save \$60 bucks?

# 1 KW R2000 HF and VC-10 VHF converter complete asking \$400 just checked out by Ralph

KENWOOD R-2000 ALL MODE HF/VHF COMMUNICATIONS RECIEVER AM/FM/SSB/CW includes the VHF module, owners and service manuals and power cord.Kenwood produced the R-2000 Communications Receiver between the years 1983-1992. Exactly how many units were produced during those nine years, I don't know. At least three different versions were produced. The standard model was for customers living throughout North and South America. It receives 150 kHz - 29,999 MHz.

# 1 Yaesu VR5000 communications receiver with DSP module asking \$600 - \$1100 new 2 years ago

The **Yaesu VR-5000** provides sophisticated wideband reception. Coverage is from 100 kHz to 2600 MHz (2.6 GHz) less cellular, in AM, FM-Narrow, FM-Wide, LSB, USB and CW. This radio features a real-time bandscope that can display: 0.1, 0.2, 0.3, 0.5, 1.0, 2.0, 2.5, 5.0 or 10.0 MHz. of spectrum. You get 2000 alphanumeric memory

channels grouped into 100 banks. The priority channel may be set for 1, 2, 5 or 10 seconds.

1 TM D700 with GPS model GPS V 2m / 70cm just checked out by Ralph asking \$350 The rig alone sells for \$400 on eBay

Dual Bander allows you to harness APRS, GPS and SSTV technologies to provide world class communications. The new-generation mobile transceiver features a built-in TNC to offer a wide range of data communications options including simple packet operation using the AX.25 protocol. But above all the TM-D700A is fully equipped to make the most of <u>APRS</u> - Automatic Packet/Position Reporting System. And it can employed as part of <u>Kenwood's Skycommand System II+</u> when used with the TS-2000 series. You will also enjoy wideband receive 118 MHz to 1.3 GHz (cellular blocked). This radio includes the MC-53DM DTMF backlit hand mic.

Terminal Interfaces: TNC AX.25 Level 2, Version 2, RS232C (9600/19200/38400/57600 bps), and GPS NMEA: RS-422 (4800 BPS), NMEA 96 RS232C (9600 BPS).

1 Magnum 257HP10 meter amateur radio with 80 watts and built in speechprocessor\$2506 mos old \$300 new used about 12 times mostlyfield day 2011

The Magnum 257 HP is the latest iteration of this popular compact 10 meter radio featuring an increase in output power up to 80 watts PeP! Blue illuminated control knobs and a blue LCD make for an interesting, futuristic and stylized radio. Operable with even a technician class license, this little beast has something for everybody. Don't pass up this powerful, compact radio!.

# 1 Alinco DJ-X2000 wideband receiver 10KHz - 2.15GHz asking \$400 \$835 just 3 years ago

Description: Alinco's new scanner, Range 0.1000 - 2150 MHz. Features include, Bug detectors, Frequency counter; Digital TCXO; Voice inversion; Digital recorder (160 sec); CTCSS decode/scan Bandscope; Attenuator (10/20dB); Alpha-tags; 24 hour on/off timers; Battery level indicator; Selectable battery saver; Selectable LCD/key light; FM stereo headphone jack; PC Interface; Radio Cloning;

# 1 TH-K2AT Kenwood 2m HT asking \$100 was \$179 new 3 years ago - very little use

Description: Even at first glance, it's obvious that Kenwood's stylish new TH-K2AT is in a class of its own. Though compact enough to fit snugly in either pocket or palm, it offers all the features necessary to make operation simple and sure. And despite its smart looks, this144MHz FM transceiver is tough enough to survive the rigors of outdoor use, while delivering superb performance. So roam freely while enjoying the clear, reliable communications for which Kenwood is renowned.

## Amateurs Must Protect New Radars in 23 cm Band

The Federal Aviation Administration (FAA) is deploying a new generation of Common Air Route Surveillance Radar (CARSR) that has some implications for the use of the 1240-1300 MHz (23 cm) band by amateurs. The Amateur Service allocation in this band is on a secondary basis, with aeronautical radionavigation and several other services primary in the United States Table of Frequency Allocations. The FCC rules require that amateur stations operating in the 23 cm band may not cause harmful interference to stations in the radionavigation-satellite service, the aeronautical radionavigation service, the Earth exploration-satellite service (active) or the space research service (active). One case of harmful interference in Southern California has been reported.

CARSRs are being installed in several dozen locations throughout the country and will use various frequencies in the 1240-1350 MHz range with an occupied bandwidth of about 3 MHz. In the vicinity of the radars, amateur operation may be precluded in a portion of the 23 cm band. The ARRL is in contact with FAA engineers. We anticipate that the constraints on amateur use of the band will be limited to those necessary to protect aviation safety, which of course cannot be compromised.

# The New England QSO Party is Coming

The New England QSO Party is coming in just one month - the weekend of May 5-6 .-Last year we had 222 different stations from all Eastern Massachusetts counties on the air, and we'd like to have more activity this year.

The NEQP is a great way to test your antennas on 80-10 meters and to be the focus of a lot of activity as stations from around the world look for Eastern Massachusetts stations.

Here is a summary of the New England QSO Party rules:

**Object:** To contact as many New England stations (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont) in as many New England counties as possible on 80-40-20-15-10m. (**New England stations work anyone**)

Date: First full weekend of May. (May 5-6 in 2012)

**Contest Period:** 2000Z Saturday until 0500Z Sunday (4pm EDT Saturday until 1am EDT Sunday) and 1300Z Sunday until 2400Z Sunday (9am EDT Sunday until 8pm EDT Sunday).

**Categories:** Single-operator high power, low power(150w or less) and QRP(5w or less) categories, plus multi-operator, single transmitter. Same four categories for mobiles. Single-operator stations using assistance during the contest (packet or Internet spotting nets, etc.) will compete in the multi-single category.

**Contest Exchange:** Send signal report and state/province (DX stations send signal report and "DX"). **New England stations send signal report, county and state**. **QSO Points:** Count one point per phone QSO, two points per CW (includes digital modes)QSO.

**Multiplier:** Stations outside of New England use <u>counties</u> as multipliers for a total of 67 (CT/8 MA/14 ME/16 NH/10 RI/5 VT/14). New England stations use states(50)(Count DC as MD), Canadian provinces(14) and DXCC countries as multipliers.

**Scoring:** Total score is QSO points times the multiplier. Mobiles count QSO points per county and multipliers from all counties (counted once).

**Suggested frequencies:** CW - 3540 7035 14040 21040 28040, SSB - 3850 7280 14280 21380 28380. \*\* Now that the broadcast stations are mostly out of 7125-7200, try 7180 on 40m SSB.\*\*

**Reporting:** Logs should indicate times in UTC, bands, modes, calls and required contest exchange. All stations include your club's name in the log header or summary. Entries must be submitted within 30 days and sent to NEQP, P.O.Box J, West Suffield CT 06093 or via e-mail to logs@neqp.org (Cabrillo format preferred).

**Awards:** Certificates will be awarded to the top scorers (25 QSO minimum) in each New England county, U.S. state, Canadian province and DXCC country. A number of special plaques will also be awarded to top scorers.

Additional details can be found on the NEQP web site at http://www.neqp.org

We're especially looking for mobile stations to put the rarest counties on the air. In Eastern Massachusetts, that's Suffolk and Nantucket.

If you think you might be on for at least a short time in the NEQP, let us know with a brief message to us at info@neqp.org

## **NEW ENGLAND FLEA SCHEDULE – COURTESY W1GSL**

New England Area Ham - Electronic Flea Market *** DATES *** 2012 P 1 of 2+ All events are Ham Radio/ Electronic related except ~~				
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2012	Contact			
~~~~~~ ~~~~~ 14 Ap Montreal PQ MARC @RCL Hall \$5@9 \$10/T@8:15 James 514 990 1965 W				
14,15 Ap Wakefield MA Photographica @AmericalCtr ~photo~ John 781 592 2553				
15 April Cambridge MA FLEA at MIT Nick 617 253 3776 F Third Sunday April thru October				
21 Ap S Portland ME PAWA @AmLegion \$5@8 \$10/T@6:30 Bryce K1GAX 207 799 1116 W+				
28 Ap Gales Ferry CT RASON	Auction @FireCo	Gary W	VT1SND 860 884 4218	
29 Ap LaGrangeville NY MtBARC @TymorPk \$7@8 \$15/T@6 Dave KC2AFK 845 677 5079 W+				
4,5 May Deerfield NH Nearfest XI @FG Mike K1TWF 978 250 1235				
12 May E Greenbush NY EGARA @FD \$6@8 +\$6/sp@6 Glenn W2BK 518 482 5584				
19 May Goshen CT SoBARC @FG \$4@8		Lee K1LEE 860 435 0051 W		
20 May Cambridge MA	FLEA at MIT	Nick 61	7 253 3776 F	
2 June Windsor CT VR+C Mus 115 Pierson LN @8AM Outdoor John 860 673 0518				
2 June Hermon ME PSARA @HS		Jerry K1GUP 207 848 3400 A+		
3 June Bethpage NY LIMARC \$6@9 \$10/Sp@7 Richard K2KNB 516 694 4937 W+				
10 June Queens NY HoSARC @HoS Stephen WB2KDG 718 898 5599 A				
16 June Newington CT NARL @StMarySch \$5@8 \$15/T Vinnie W1VJA 203 987 2108 W+				

16 June Brookline NH NEAntqRC@EvntCtr\$10@7:30\$4@8:30\$0@10 Bruce 603 772 7516 W 17 June Cambridge MA FLEA at MIT Nick 617 253 3776 F LAST UPDATE 4-6-12 de W1GSL http://swapfest.us P 1 List is normally updated twice a month - look for the latest version Additions/ Corrections via e-Mail w1gsl@mit.edu <- SUBSCRIBE US Mail W1GSL POB 397082 MIT Br Cambridge MA 02139 (c)2012 W1GSL unlimited reproduction permitted in entirety Λ New England Area Ham - Electronic Flea Market \*\*\* DATES \*\*\* 2012 P2 of 2 \*\*\*\*\* 2012 Contact Source ~~~~~~~ ~~~~~~ ~~~~ 15 July Cambridge MA FLEA at MIT Nick 617 253 3776 F Third Sunday April thru October 11 Aug St Albans VT STARC @VFW \$5@8 Arn N1ARN 802 309 0666 F 11 Aug Milo ME PARC @AmLegion George WA1JMM 207 441 6112 A+ 12 Aug Adams MA NoBARC @BoweFld \$5@9 \$10/T Tim KE3HT 413 822 7075 19 August Cambridge MA FLEA at MIT Nick 617 253 3776 F 24-26 Aug Boxboro MA FEMARA NE Conv @HI Mike K1TWF 978 250 1235 W 8 Sept Ballston Spa NY SCRACES @FG @7 Darlene N2XQG 518 587 2385 9 Sept Newtown CT CARA @TownHall \$5@8:30 \$10/TG \$15/T Joe AB1DO 203 938 4880 W 15 Sept Forestdale RI RIAFMRS @VFW \$5/Sp@8 Rick K1KYI 401 864 9611 15 Sept Windsor CT VR+C Mus 115 Pierson LN @8AM Outdoor John 860 673 0518 16 Sept Cambridge MA FLEA at MIT Nick 617 253 3776 F 22,23 Sept Wakefield MA Photographica @AmericalCtr ~photo~ John 781 592 2553 7 Oct Wallingford CT Nutmeg John N1GNV 203 440 4973 T+ 12,13 Oct Deerfield NH NEARFest XII @FG Mike K1TWF 978 250 1235 14 Oct Queens NY HoSARC @HoS Stephen WB2KDG 718 898 5599 A Nick 617 253 3776 F 21 Oct Cambridge MA FLEA at MIT 27 Oct Gales Ferry CT TCARC Auction @FireCo @10 Darryl WA1DD 860 443 7799 T 28 Oct Hicksville NY LIMARC @LevitHall Richard K2KNB 516 694 4937 A

2 Nov Feeding Hills MA HCRA Auction @CongCh @6:30PM Jim KK1W 413 237 4666

3 Nov Bourne MA FARA @UpperCC VoTech \$5@9 \$10/S@7 Ralph N1YHS 508 548 0422 F

3 Nov Londonderry NH IRS @Lions \$3@8 S@6 Chris KB1QVM 603 434 6137 F

1 Dec Windsor CT VR+C Mus 115 Pierson LN @8AM Indoor John 860 673 0518

#### This Week on the Radio

- April 13 -- NCCC Sprint Ladder 0230Z-0300Z, Apr 13
- April 14 -- EU Spring Sprint (CW)
- April 14-15 -- Georgia QSO Party; Montana QSO Party; New Mexico QSO Party; QCWA Spring QSO Party; JIDX CW Contest; Yuri Gagarin International DX Contest
- April 15 -- <u>ARRL Rookie Roundup (SSB)</u>; International Vintage Contest HF Contest; Hungarian Straight Key Contest
- April 17 -- 222 MHz Spring Sprint (local time)

#### DX NEWS

MALDIVES, 8Q. Alex, UT5UY is QRV as 8Q7UY from Thulhagiri Island, IOTA AS-013, until April 21. Activity is holiday style on 80 to 10 meters using CW and SSB. QSL to home call.

UNITED ARAB EMIRATES, A6. Special event stations A60JJ and A65BP/jj are QRV until April 14 during the Abu Dhabi 2012 World Professional Jiu-Jitsu Championship. QSL via operators' instructions.

PAKISTAN, AP. Nasir, AP2NK has been active on 20 meters using CW around 0200z. QSL via W3HNK.

CHILE, CE. Members of the Radio Club de Chile are QRV using special event call sign 3G87IARU until April 30 to celebrate the 87th anniversary of the International Amateur Radio Union and the World Amateur Radio Day on April 18. QSL via CE3AA.

PORTUGAL, CT. Special event station CR6IARU is QRV until April 19 in commemoration of World Amateur Radio Day on April 18. QSL via bureau.

ST. BARTHELEMY, FJ. Wim, ON4CIT and Paul, ON4BEC will be QRV as TO3X from April 16 to 30. Activity will be on 40 to 6 meters using mostly SSB and RTTY with some CW. QSL via ON4CIT.

NORTHERN IRELAND, GI. Members of the City of Belfast Radio Amateur Society are QRV using special event station GI2012MGY until April 18 from onboard the SS Nomadic, also known as Titanic's Little Sister, to mark the Centenary of the sinking of the Titanic. Activity is on all HF bands and modes. QSL via operators' instructions.

HAITI, HH. Amadeo, EA3OW is QRV as HH8/EA3OW from Jacmel in the south of Haiti until May 12. Activity is on 40 to 10 meters using SSB, RTTY and various other digital modes in his spare time. QSL to home call.

REPUBLIC OF KOREA, HL. Special event station DT12AWC will be QRV from April 14 to 30 during the Asian Weightlifting Championships in Pyeongchang. Activity will be on 80 to 2 meters using CW, SSB, RTTY and PSK31. QSL via DS2GOO.

ITALY, I. Special event station IR8ACN is QRV from Naples until April 15 during the America's Cup World Series regattas. Activity is on 40, 20, 15 and 10 meters using CW, SSB and RTTY. QSL via IK8PXZ.

MARIANA ISLANDS, KH0. Masahiko, JH4VUC will be QRV as WH0VU from Saipan, IOTA OC-086, from April 18 to 21. QSL to home call.

CAMEROON, TJ. Ivan, OM3CGN is QRV as TJ6RM until April 16. Activity is on 40 to 10 meters using CW and SSB. QSL to home call.

EUROPEAN RUSSIA, UA. Special event station R150SPA is QRV in commemoration of the 150th anniversary of the birth of Russian statesman Pyotr Stolypin. QSL via RA4CEO.

AUSTRALIA, VK. Craig, VK8AS will be QRV as VK8BI from Bremer Island, IOTA OC-185, from April 18 to 23. Activity will be on 20 to 10 meters using mainly SSB, and possibly some RTTY and PSK31. QSL via VK5CE. In addition, special event station VI4MGY will be QRV from South Bank near the Queensland Maritime Museum from April 15 to 22 in commemoration of the anniversary of the Titanic disaster. QSL via operators' instructions.

CHRISTMAS ISLAND, VK9X. Dan, JA1PBV is QRV as VK9XS until April 17. Activity is on the HF bands using CW and RTTY. QSL to home call.

MEXICO, XE. Some members of the Grupo DXXE are QRV as 6H6IARU until April 18 to mark the founding of the International Amateur Radio Union and World Amateur Radio Day on April 18. Activity is on 160 to 6 meters, including various satellites. QSL via N7RO.

CAMBODIA, XU. Barry, ZL1DD is QRV as XU7AEL until mid-April. Activity is on 80 to 6 meters using CW and SSB. QSL via operator's instructions.

VIETNAM, XV. Larry, W6NWS is QRV as XV2W from Cai Be until June 12. Activity is in his spare time on 80 to 10 meters using CW and RTTY, and SSB if local conditions permit. QSL to home call.





MASSASOIT AMATEUR RADIO ASSOCIATION

# Monthly Newsletter

Club Officers and Committeemen

Vice-President: Barry Kennedy N1EZH Treasurer: Phil McNamara N1XTB Secretary: Bob Keene N1LCY Call sign Trustee: Phil McNamara N1XTB

Repeater Trustees: Carl Aveni N1FY. Gil Follett W1GMF, Lou Harris N1UEC, Bob Mandeville N1EDM

**2M Repeater** 147.180+ (Tone 67.0)

440 Repeater 444.550+ (Tone 88.5)

APRS Node Node 144.39 W1MV-1

Packet BBS 145.09 N1XTB-4

Packet Node Brockton 145.09 W1JOE-7 (BROCK)

MARA Web page <u>http://www.w1mv.org/</u>

Newsletter Editor <u>maranews@w1mv.org</u>

WARC Web Page <u>http://www.wa1npo.org</u>

Qsl via <u>www.eqsl.cc</u>

Skywarn <u>www.powersrvcs.org/w1gmf/skywarn.htm</u>

Mailing Address P.O. Box 428 Bridgewater, MA 02324

**Monthly meetings** are held the 3<sup>rd</sup> Tuesday of each month at 6:30PM at the Bridgewater Public Library in Bridgewater Center. Talk-in is on 147.180+

Our **Meetings-On-The-Air** are held every other Tuesday evening at 8PM on 147.180+ and includes the Westlink News Report with the latest news about happenings in the world of Amateur Radio.

The **South Shore Skywarn Net** is held every Saturday evening at 8PM local time on 147.180+ and is open to all hams.

**VE Exams** are held the  $2^{nd}$  Saturday of every month, in Braintree. Contact Bill Needham, K1WN, at 781-843-4400 or via email at <u>k1wn@aol.com</u> Walk-ins are no longer permitted. We will be hosting VE exams at 8:45 at the Watson building. This is the new exam location for the Braintree Radio Club sponsors. If you know of anyone planning to take an exam, please have them drop a note to Bill - <u>k1wn@aol.com</u> to confirm a reservation.