



September 2013
Volume 52 Issue 09

MARANews



Secretary's Report

SECRETARYS NOTES – MARA MEETING 8/20/13 – Larry, K1LJK

OPEN: President Barry Kennedy opened the meeting at 6:43pm

ATTENDANCE: 8 members were present including 3 elected officers.

N1ZZN Jeff Lehmann
N1XTB Phil McNamara
W1WCF Walt Fitzgerald

K1DC Don Benecchi
N1EZH Barry Kennedy
W1UMJ John Miller

KC1JET Jim Tynan
K1LJK Larry Kenney

Motion to accept the July 2013 meeting minutes as published in the July MARA newsletter made by Jeff N1ZZN. Motion seconded by Jim KC1JET. Motion voted on and passed by attending club members.

TREASURER'S REPORT: Phil N1XTB presented the treasures report. Motion to accept the treasures report as presented by Phil N1XTB made by Jim KC1JET. Motion seconded by Walt W1WCF. Motion voted on and passed by attending club members. Fyi: Phil reports he recently received a \$25 money order for club membership dues but the club members name is not on the money order and the signature is indistinguishable. If you sent this to Phil, please contact him so he can properly credit your dues payment. Thank you.

REPEATER UPDATE and EOC UPDATE:

Carl N1FY was out of town but sent Barry N1EZH an email update regarding both the MARA repeaters and status of the EOC:

Hi Barry

I will not make the meeting tonight as I am still out in Ohio.

The Bridgewater EOC is nearly complete. The radio room is functional but some cosmetic work is still in progress; two 40" tv's have been mounted on the radio room wall; a carpet for the radio room is on order; we have a bid in for new modern modular work stations for the radios; on the opposite wall of the radio room, the message center

unit may be moved into the adjoining training area (i.e. old shower room) and a small modular office will be built.

Storage shelves are in the process of being built in the training room for the CERT equipment that are now stored in the radio room. In the briefing room, the wall mounted tv's and the projector have been mounted. The one issue I don't know about is if the phones have been connected.

Once everything is done, I am sure there will be some sort of open house to show it off. (Repeater update): The water tower work is also nearing completion (I don't have an exact date yet). The issue with the hard line has been put in the hands of the town water superintendent who is the person in charge. I am sure there is an insurance policy that will cover the replacement. The company has already indicated that they will re-install the antennas and hard line and put the hard line into a conduit along side the ladder. That is it for now. My apologies for not being there for the meeting. We are out here in Ohio helping my son and his family get ready to move into their new house.

73

Carl

In addition to Carls update, Phil N1XTB also noted that the EOC radios are now in place and that the a/c power distribution had been delayed but is now setup. Next to be setup will be the dc power distribution.

Regarding the MARA club repeaters, additional comments made:

Phil N1XTB advised he's not heard of a timeframe for replacement (or restitution) of the damaged hardline. A short open discussion regarding how this might be done took place. Phil N1XTB suggested a commercial group could be contracted to do this work. Jeff N1ZZN suggested we might contract the folks working the EOC renovation project since Bridgewater is familiar with their work.

OTHER NEW BUSINESS:

Jeff N1ZZN suggested we add a PL tone board to the MARA 444.550 repeater to add tone squelch while it's currently offline. Jeff mentioned the reason being a Connecticut D-Star repeater can sometimes also be heard. Jeff estimated approx \$35 + shipping. John W1UMJ indicated he may have a PL tone board for this repeater and if so, would provide to Jeff. Motion made by Jim KC1JET to appropriate \$50 to Jeff N1ZZN for the purchase of the PL tone board. Motion seconded by Don K1DC. Motion voted on and passed by attending club members.

Jeff N1ZZN reminded us that HRO in Salem NH

(<http://www.hamradio.com/locations.cfm?storeid=9>) is hosting a manufactures day on Saturday August 24th. It's expected to occupy the HRO parking lot with numerous amateur radio vendors attending. A Kenwood TS590 is the grand prize given away this year.

Also at this event, the NESMC (New England Spectrum Meeting Council, <http://www.nesmc.org/>) will be meeting. This is open to all folks and a number of ARRL repeater director books will be given out.

Several MARA club members attended the Hanson MA CranLand fly-in and breakfast on August 18th. MARA club members Don K1DC and Larry K1LJK attended along with many area hams.



L-R Don K1DC, Karen N1VI, Bob K1NOK, Tom W1ICU at the CranLand fly-in breakfast. (Photo by Larry K1LJK)

Don K1DC will be returning to Alabama for the winter season shortly. We'll see Don again next summer but while gone we can find him on/around 3818 khz in the earlier morning hours. Good luck Don.

MARA club members Barry N1EZH, Rick KB1TEE and Roy KB1CYV participated in the "Run to the Rock" (<http://runtotherock.webs.com/>) marathons on Saturday Sept 7th in Plymouth Ma. The race consists of 3 courses: a 5K, a 10K and ½ Marathon. Barry reports the weather was perfect for both the runners and the volunteers! A number of WARC and K1USN club members were also volunteering at the event. Photos taken at the event have been submitted to John K1JRO. Look for these in next months MARA newsletter.

Barry N1EZH reminded us the 9th Annual D.W. Field triathlon race (<http://www.dwftriathlon.org>) consisting of biking, boating and running is coming up on September 22nd starting at 9:00am (rain or shine) at D.W. Field park, Oak St. Brockton Ma. The event benefits the Brockton Neighborhood Health Center. Amateur radio volunteers are needed as always. Per their web site, please forward questions about volunteering to race director Steve Prince (email: dwftriathlon@gmail.com)

CLOSE: Motion to adjourn the meeting made by Don K1DC. Motion seconded by Jeff N1ZZN. Motion voted on and passed by attending club members. President Barry Kennedy N1EZH closed the meeting at 7:01 pm.

Next Meeting

MARA's next meeting will be held at 6:30 p.m. on September 17, 2013
at the Bridgewater Public Library

Upcoming Events

Triathlon Support Event

Brockton Triathlon at D.W. Field Park
September 22 . More details to follow

147.180 Repeater Will be Off the Air

As of June 18 2013

The 147.180 repeater is off the air because of maintenance work being performed on the Bridgewater water tower where the antenna is located.

The work began on June 17th. We will update the status when applicable on the MARA web page and in this newsletter.

North Carolina to Host 2013 US Direction Finding Competition

The [Uwharrie Mountains](#) of North Carolina will provide the locale for the 13th USA Amateur Radio Direction Finding (ARDF) Championships of on-foot hidden transmitter hunting. Fans of this international sport, also known as "foxtailing" or "radio-orienteering,"

are making travel plans now. Backwoods Orienteering Klub ([BOK](#)) will host the event, which will be held October 8-13. This year's USA Championships are being combined with the Seventh ARDF Championships of International Amateur Radio Union ([IARU](#)) Region 2 (the Americas).

On October 9 are optional practice sessions on 2 meters and 80 meters. October 10 brings model events of two activities introduced last year -- [sprints and foxoring](#) -- followed that afternoon by the championship foxoring event. The sprint championship event takes place on October 11.

[Classic transmitter hunting](#) championship competition is held Saturday and Sunday, October 12 and 13. Transmitters will be on 2 meters and 80 meters the afternoon of October 11 for last-minute practice and equipment testing, with a procedures and safety briefing afterward.

Saturday morning will be the full-course 2 meter main event, followed in the evening by the banquet and awards presentation. The full-course 80 meter main event takes place Sunday morning, with awards presented afterwards.

In the classic ARDF championships, competitors start in small groups made up of different [age/gender categories](#). As they seek the hidden transmitters, they navigate through the forest from the starting corridor to the finish line -- a distance of 4 to 10

kilometers. They plot their direction-finding bearings on orienteering maps that show terrain features, elevation contours, and vegetation type.

The USA ARDF Championships are open to *anyone* who can safely navigate the woods. A ham radio license is *not* required. Each participant competes as an individual, and any teamwork or GPS use are forbidden. Competitors bring their own direction-finding gear to the events, although extra gear is sometimes available for loan from other attendees. Competitors may not transmit on the course, except in emergencies.

Registration is now open, and an online entry form, detailed schedules, frequencies, lodging information and registration forms are on the [BOK website](#). Competitors can avoid late fees by signing up no later than September 15. An [e-mail reflector](#) is available for Q&A with the organizers as well as for coordinating transportation and arranging equipment loans.

Basic information on international-style transmitter hunting is on the [Homing In](#) website, including [rules](#) and signal parameters. The site includes equipment ideas for [2 meters](#) and [80 meters](#), plus photos from previous championships. Information about the [Amateur Radio Direction Finding Fund](#) are on the ARRL website. Read [more](#). -- Joe Moell, KØOV, ARRL Amateur Radio Direction Finding Coordinator

TAPR/ARRL Digital Communications Conference to Offer Wide-Ranging Forum Schedule

A [preliminary schedule](#) has been posted for the 32nd annual TAPR/ARRL Digital Communications Conference in Seattle later this month. Among the forum topics: "Raspberry Pi Applications in Digital Communications: A Mobile Xastir-Based APRS Station," "High Performance BPSK31: Ideas for a New Generation," "Narrowband IP over Amateur Radio Networks (NIPARnets): Next-Generation Networking for Amateur Radio," and "Noise Power Ratio (NPR) Testing of HF Receivers."

This year's banquet speaker will be Tom Van Baak, on the topic "Passion and Precision: Adventures of a Time Nut." Van Baak is a retired operating systems software engineer with a serious amateur interest in precision timekeeping. Rob Frohne, KL7NA, will present the Sunday Seminar, "A Tutorial on Android Programming." The DCC takes place at the [Cedarbrook Lodge](#) in Seattle, Friday through Sunday, September 20-22. The early bird discount for advance registration has been extended to midnight Friday, September 13. The Cedarbrook Lodge is sold out for DCC Friday, but other hotels with rooms available are within walking distance.

Attendees are invited to bring and show their demos in the DCC demo room, which will be open Friday and Saturday of the DCC. The TAPR Board of Directors will meet Thursday, September 19, 9 AM to 5 PM at The Cedarbrook Lodge (room TBA). [Full information](#) is on the TAPR website.

BBQSO AT RICK'S KB1TEE HOUSE ON SATURDAY, AUGUST 17, 2013

Rick Emord KB1TEE hosted the second annual Taunton Area Communications Group Barbeque and QSO party = BBQSO at his home QTH in Middleboro and sent out an open invitation for all to attend. There were grills available for cooking and **Rick KB1TEE** had six antennas available for making QSOs. There were two HF stations in operation on 20 and 40-Meters and two 2-Meter Station in operation monitoring the Whitman REPEATER..



Rick Emord KB1TEE
Patty Emord SWL

Rick KB1TEE cooked local corn – on- the – cob on the grill and it was delicious.

Emord KB1TEE
Everyone brought their own
Hayden N11X
food to cook.



Barry Kennedy N1EZH
Bill Burke NR1FD

Pete Curley N1NVV
Rick

Jim Wolf N1JCW

Bruce



The weather was beautiful this year for the BBQSO
Barry N1EZH)

(Photo by

**BBQSO AT RICK'S KB1TEE HOUSE ON SATURDAY, AUG.
17, 2013 Cont:**



**Bill Burke NR1FD at one of the
2-Meter Base Stations**

**N1JCW at the
40-Meter Base Station**

Bill Burke NR1FD made contact with "The Bruce" N1IX while he was on his way to the BBQSO. Bill NR1FD is using Rick's 2-Meter Go Kit that includes a Yaesu FT-8100 transceiver.

Jim Wolf N1JCW brought his HF Go Kit which includes a Yaesu FT-450 transceiver and made a few contacts with Lighthouses on The Air



**Pete Curley N1NVV
Jim Wolf**



**Barry Kennedy N1EZH at
Meters
his 2-Meter Base Station
Computer logging**

Barry N1EZH brought his handheld Kenwood THF6A transceiver and made contact with Mark KC1ACF who was operating the Marshfield Fair Special Event Station NN1MF and with Greg Glynn W1VFB and Mike Petrou W1MSP both in Taunton and Chris Babbitt KB1LOO who was mobile and on his way home from work.



**Bruce Hayden N1IX on 20-
Rick Emord KB1TEE -**

The Bruce N1IX made contact using **Rick's KB1TEE** Yaesu FT-450D transceiver on 20-Meter with **Jim Tovet W1JT** while trying to make contact with the Marshfield Fair Special event **NN1MF**. **The Bruce N1IX** operated on 17-Meters and 20-Meters and made contact with a lighthouse in Curacao and a Special Event station in Illinois along with two other home stations in Wisconsin and Minnesota.

BBQSO AT RICK'S KB1TEE HOUSE ON SATURDAY, AUG. 17, 2013 Cont:

Rick KB1TEE)

(Photo by



Pete Curley
N1NVV

Barry Kennedy
N1EZH

Bill Burke
NR1FD

Bruce Hayden
N1IX

A special thanks to **Rick KB1TEE** for hosting another great social event. Look for us again next year.

AMSAT Space Symposium 2013 Set for November

The 2013 AMSAT Space Symposium will take place in Houston, Texas, November 1-3 at the Marriott Hobby Airport Hotel. Hosted by the [Johnson Space Center Amateur Radio Club](#), this year's Symposium will feature presentations on satellite construction and operation as well as on other space-related subjects.

The AMSAT Annual Meeting, held in conjunction with the Space Symposium, provides AMSAT members an opportunity to learn about AMSAT's future plans and voice opinions to the AMSAT Board of Directors and AMSAT officials.

A downloadable [registration form](#) now is available via the AMSAT website. Online registration is expected to be available in late August. For hotel reservations visit the Marriott Hobby Airport Hotel [website](#) or call 713-943-7979. Use the code AMSAMSA or ask for the AMSAT block.

Technology: US "Space Fence" Shut Down

The Air Force Space Surveillance System (AFSSS) -- the "Space Fence" -- used to detect objects in orbit, was turned off September 1. Three transmitter sites operate on 216.983, 216.97, and 216.99 MHz, and there are six receiving stations. Some Amateur Radio meteor scatter enthusiasts enjoyed monitoring the VHF transmissions for indications of activity.

Ham Radio in Space: "Ham Video" Transmitter is Now Aboard the ISS

A Japanese cargo spacecraft has delivered an Amateur Radio on the International Space Station ([ARISS](#)) digital TV transmitter to the ISS. The equipment arrived August 9 and is being stored in the space station's *Columbus* module. Gear includes the transmitter, power supply, NASA-provided Canon XF-305 camera, and antenna cables, reports [ARISS-Europe](#) Chair Gaston Bertels, ON4WF, who says the DATV transmitter is being dubbed "Ham Video."

"Installation will be done by US astronaut Michael Hopkins, KF5LJG, who has been trained for the commissioning of the Amateur Radio digital video equipment," Bertels said in a report posted on the ARISS-EU [website](#). Hopkins will be part of the ISS crew increment heading to the station next month. The 10 W EIRP S-band (2.4 GHz) Ham Video transmitter will use one of the L/S-band "patch" antennas installed on the ISS' *Columbus* module.

Commissioning will involve a series of tests that will be performed over the course of three or four orbits. Bertels says it's possible that the transmitter will send a continuous signal between commissioning steps, offering Amateur Radio ground stations a chance to test and tune their receiving equipment. "The transmissions will be performed in automatic mode, without requiring crew time," Bertels said. "The camera, which runs on a battery, will not be used, and the ground stations will receive a black image."

A preliminary "Experiment Sequence Test" (EST) is planned for August 28-29 involving ARISS ground station IK1SLD in Northern Italy. "IK1SLD, an ARISS telebridge station often used for educational ARISS school contacts on VHF, has been upgraded for S-band reception," Bertels pointed out.

Italian manufacturer, [Kayser Italia](#) has delivered a 1.2 meter dish, a down converter and precision tracking motors, all part of the ESA-funded equipment. "For the EST, the station will receive a DATV signal from a local, low-power S-band test transmitter," said Bertels. The decoded signal will be streamed over the web to the [British Amateur Television Club](#) server, to which BATC has offered ARISS free access. ESA investigators will evaluate reception via the streaming video. "The test transmissions at IK1SLD will cover the different frequencies and symbol rates available on the Ham Video transmitter," Bertels said.

Receiving the DATV signal will be the greater challenge, Bertels says. "[D]ecoding should be possible for a ground station equipped with a 1.2 meter dish, when the ISS is within a range of about 800 to 1000 km," he said in an [overview paper](#) on the project. This would limit the DATV reception window to about 3 or 4 minutes during a favorable

pass. "ISS tracking will be far more demanding than it is for receiving VHF signals," he added. According to Bertels, Kayser Italia is to provide five ground stations in Europe. Once the Ham Video transmitter becomes operational, it will be used for ARISS educational contacts with schools in Europe. There are no immediate plans to deploy downlink video for ARISS contacts with US schools, in part because no North American ground stations have been planned. Read [more](#). -- *Thanks to ARISS-EU Chair Gaston Bertels, ON4WF; ARISS-EU; Kayser Italia*

Cruise Ships Say No to Ham Gear

If you are planning to take a cruise on Royal Caribbean Intl.. or Celebrity Cruises Don't plan on bringing ham gear. They specifically exclude bringing it aboard their vessels. I don't know about other cruise lines. It is best to check with them beforehand..

WARC Special Event at Marshfield Fair Recap

The annual Marshfield Fair Amateur Radio booth and special event station was a great success, according to Whitman ARC President John Duprey, KB1SVY. Club members, along with two area amateurs set up and staffed the exhibit booth and special events station NN1MF over a ten-day period from August 16-25. The Whitman ARC has been conducting the unique outreach event for many years.

"The radio team made 195 HF contacts with 19 states, 15 foreign countries and one Canadian province, along with 78 contacts with club members and local hams who checked in via two-meters," reports KB1SVY.

John noted the interaction with the public in promoting Amateur Radio via sending radiograms, teaching kids to send their names in Morse code, as well as allowing youths to operate on the air "was very rewarding."

One Whitman Fair event operator, Pi Pugh, K1RV remarked, "The weather was excellent and the sausage, peppers and onions gave us the energy to pound brass."

A full recap of the Marshfield Fair event can be found in a special edition of the club's newsletter online at <http://tinyurl.com/nmw5cse>.

Help needed for the Head of the Charles Event

The Head of the Charles needs ham to assist with communications for the three-day event October 18-20. Visit <http://tinyurl.com/m3nyw4j> to volunteer.

New England Area Flea Schedule– Courtesy of W1GSL

New England Area Ham - Electronic Flea Market *** DATES *** 2013 All events are Ham Radio/ Electronic related except ~____~

2013	Contact	Source
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15 Sept Cambridge MA Third Sunday April thru October	FLEA at MIT	Mitch 617 253 3776 F
21 Sept Forestdale RI RIAFMRS @VFW \$5/Sp@8		Pete AA1PL 401 639 4484
21 Sept XXXX Manchester CT PVRA ** POSTPONED **		George AB1GL 860 716 3367 A+
21 Sept Alexander ME StCVARC @EISch		Roger W1LH 207 454 2174 A
28 Sept Brookline NH NEARC Antique \$10@7:30 \$4@8:30		Bruce 603 772 7516 F
11,12 Oct Deerfield NH NEARFest XIV @FG		Mike K1TWF 978 250 1235 W
13 Oct Meriden CT Nutmeg @Sheraton was Wallingford		John N1GNV 203 440 4973
13 Oct Queens NY HoSARC ** NEW DATE **		Stephen WB2KDG 718 898 5599 A+
19,20 Oct Wakefield MA Photographica @AmericalCtr ~photo~		John 781 592 2553
19 Oct Longueuil PQ CRAR-S \$7@9 \$10/T@6	Martin	VE2DNF 450 466 2810 R
19 Oct Kingston NS GARC @ Greenwood ComCtr \$4@10 S@8		Guy 902 825 6151 R+ <FF>

New England Area Ham - Electronic Flea Market *** DATES *** 2013 P2 of 2

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2013	Contact	Source
~~~~~		
20 Oct Cambridge MA Third Sunday April thru October	FLEA at MIT	Mitch 617 253 3776 F
26 Oct Gales Ferry CT TCARC Auction @FireCo @10		Darryl WA1DD 860 443 7799
27 Oct Hicksville NY LIMARC @LevitHall		Richard K2KNB 516 694 4937
2 Nov Londonderry NH IRS \$3@8 \$15/T		Chris KB1QVM 603 434 6137 F
9 Nov Bourne MA FARA @UpperCC VoTech \$5@9 \$10/S@7		Ralph N1YHS 508 548 0422

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

2014	Contact	Source
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22 Feb S Burlington VT HAM-CON @HI I89x14 \$8@8 \$15@6 Mitch W1SJ 802 879 6589

15 Mar Dayville CT ECARA 8A @StJosephCh Paul KE1LI 860 928 5147

28,29 Mar Lewiston ME AARC ME Conv @Ramada @8 Ivan N1OXA 207 784 0350

27 Ap Middletown NY OCARA @CommCtr \$7@9 \$12Sell Neil AC2O 914 490 2001 F

2,3 May Deerfield NH NEARfest XV @FG Mike K1TWF 978 250 1235 R+

DX News

ST. PIERRE and MIQUELON ISLANDS, FP. Peter, FP/DJ4TC and Hermann, FP/DL2NUD will be QRV from September 10-21. They will be QRV only on 2 meters, 70 centimeters and 23 centimeters using JT65B and JT65C. QSL via their home calls.

PALAU, T8. Masashi, JL1FUQ will be QRV as T88GJ from September 20-24. Activity will be limited or dates may change because of his work, but look for him on 20, 17, 15, 12, 10 and 6 meters using SSB and possibly AM, PSK31 and RTTY. QSL via his home call sign, by the bureau or direct.

VIETNAM, XV. Masanobu, JR5JQA is active as XV2JJ. His length of stay is unknown. Activity has been on 20, 17 and 15 meters, mainly CW with some SSB. QSL via JH5RXS, direct or by the Bureau.

JUAN FERNANDEZ, XR0. XR0ZR will be QRV from November 8 to 20. Activity will be on 160-6 meters. Operations will include 6 meter EME and possibly 2 meter EME.

EUROPEAN RUSSIA, UA. Special event station R863LC is QRV until October to celebrate the 1150th anniversary of Smolensk. QSL via R3LC.

JAPAN, JA. Special event station 8N1FUJI will be QRV from July 28 to March 2014 to commemorate Fuji Mountain being recognized by UNESCO as a heritage site. Activity will be on all bands and modes. QSL via bureau.

JUAN FERNANDEZ ISLAND, CE0. Mario is QRV as CE0ZEL and is here for six months. Activity is as time permits. QSL via CE3RAC.

NIUE, E6. Adam, K7ST is QRV as E6ST. His length of stay is unknown. Activity is generally on 40, 20, 17 and 15 meters using SSB. QSL via EA5GL.

FRENCH POLYNESIA, FO. Jean-Marc, F5LCI is QRV as FO/F5LCI from Hao Atoll, Tuamotu Archipelago, IOTA OC-066, until November 8 while with the local military unit. He is active on 40 to 10 meters using QRP power on CW and JT65-JT9. QSL direct to home call.

GALAPAGOS ISLANDS, HC8. Geoff, G8OFQ is QRV as HC8/G8OFQ from Isabella Island, IOTA SA-004, until the end of September. Activity is on 40 to 10 meters generally during 2200 and 0600z and during the weekends. QSL to home call.

COTE d'IVOIRE, TU. Dimitri is QRV as TU5DF until October 31 and has been active on 15 meters using CW around 1330z. QSL via F5SWB.
LITHUANIA, LY. Special event station LY777A is QRV until September 30 to celebrate 777 years of the city of Siauliai. QSL via LY5A.

BULGARIA, LZ. Special event station LZ1406SK commemorates the orthodox St. Cyprian during the month of September. QSL via LZ1KCP.

POLAND, SP. Special event stations HF330VW and SN330VW are QRV until September 22 to commemorate the victory of the Polish King Jan Sobieski against the Turkish army near Vienna in 1683. QSL HF330VW via SP9PRR and SN330VW via SP9KJU.

MOUNT ATHOS, SV/A. Monk Apollo has been active on 17 meters using SSB around 1425 to 1530z. QSL direct.

INDONESIA, YB. Bert, PD1SA plans to be QRV as YB1/PD1SA from West Java, IOTA OC-021, until September 28. Activity is mostly on 20 meters and possibly on 80 and 40 meters as well. QSL to home call.

ST. PIERRE ET MIQUELON, FP. Peter, DJ4TC and Hermann, DL2NUD will be QRV as FP/home calls from Miquelon Island, IOTA NA-032, from September 10 to 21. Activity will be primarily on 2 meters, 70 and 23 cm using JT65B and JT65C. QSL to home calls

PALAU, T8. Gerben, PG5M is QRV as T8GM from Koror, IOTA OC-009, until September 7. He will again be active from September 15 to 19. Activity is on 40 to 10 meters using CW. QSL to home call.

Monthly Newsletter

Club Officers and Committeemen

President: Barry Kennedy N1EZH
Vice President: Rick Emord KB1TEE
Treasurer: Phil McNamara N1XTB
Secretary: Larry Kenney K1LJK
Call sign Trustee: Phil McNamara N1XTB

Repeater Trustees: Carl Aveni N1FY., 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 <http://www.w1mv.org/>

Newsletter Editor maranews@w1mv.org

WARC Web Page <http://www.wa1npa.org>

Qsl via www.eqsl.cc

Skywarn www.powersrvcs.org/w1gmf/skywarn.htm

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

Monthly meetings are held the 3rd 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 all other Tuesday evenings 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 2nd Saturday of every month, in Braintree. Contact Bill Needham, K1WN, at 781-843-4400 or via email at k1wn@aol.com 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 - k1wn@aol.com to confirm a reservation.