



ZERO BEAT

Southeastern Massachusetts
Amateur Radio Association, Inc.
54 Donald Street
South Dartmouth, MA 02748



Since 1932

Volume 50 Issue 7

SEMARA-W1AEC

July 2014

SEMARA Field Day "1B EMA"



QTH OF SEMARA'S INDEIVIDUAL FD



RV AND CARS + PAUL'S HOMEBREW FAN-DIPOLE



4 SEMARA OPS HARD AT WORK
K1AHA USING CARTOP 6-M WHIP

Paul-K1PGS, Brad-W1BEP, and Marty-KA1YFV operated 3 transmitters powered from the same solar cell charged battery array and 3 separate antennas. Dick-K1AHA operated 6-meters from his car and operated HF from Marty's position,

All four operators had a grand time operating as ssingle transmitter, battery powered Field Day stations in the Eastern Massachusetts section: 1B EMA.

See more pictures on page 6 =>



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2013 SEMARA OFFICERS

President
 Marcel Dumont—W1MLD
 Vice President
 Joe Krisnowsky—N1IXC
 Secretary
 Marc Dumont—KB1ODE
 Treasurer
 Mike McDonald—KB1NB

Directors:

Dave Dean—K1JGV
 Jean Pierre Chiron,—AG1Y
 Martin G. Jordan—KA1YFV

Trustees: (year term is up)

Louis Mester—W1CH (2014) (ch)
 Joe Krisnowsky—N1IXC (2015)
 Dick Halliwell—K1AHA (2016)
 Brad Paiva—W1BEP (2017)
 Martin G. Jordan—KA1YFV (2018)

STANDING COMMITTEES

Building and Grounds
 Marty Jordan—KA1YFV
 Anthony Lessa—KB1UAM

Scholarship

Sonny Eddleston—K1USW – chair
 Chuck Moszczenski—KB1FRL
 Alan Dulong—WB1FQP
 Joe Krisnowsky—N1IXC

Technical-Repeater-Web
 VACANT –Technical (chair):
 Rick Cabral—W1RJC: Repeater
 Rick Cabral—W1RJC: Web

SPECIAL COMMITTEES

Activities
 VACANT

ARES/SKYWARN/RACES(ACS)
 Ed Caron—KA1RSY

QSL Manager
 John Nery—WA1ESO

Radio Events
 Bob Kelley—K1KVV

Tech Talk
 Richard Orluk—K1XRN

It seems to me... de Bob - K1KVV, Editor

that July is promising to be a typical summer month: hot, humid and hazy plus the threat of tropical storms and/or hurricanes. The following is my contribution towards some unsettled weather.

Advanced Notice – Editor’s Resignation

I will have published 135 issues since I assumed the Editor’s position in August 2003, beginning with my first issue in September 2003. It is time for a new Editor.

I hereby submit my resignation effective with the publication of the *December 2014* issue of *Zero Beat - Volume 50, Issue 12*.

I plan to work with my replacement to assure a smooth transition.

73 de Bob Kelley, K1KVV

Editor of Zero Beat, 9/2003-12/2014

Scholarship Committee

**CHUCK-KB1FRL, SONNY-K1USW [CHAIR],
 JOE-N1IXC AND ALAN-WB1FQP**

The scholarship committee met in May to plan their Fall 2014 program.

Reminder :- Volunteers are welcome to participate at the **CF Cycle for Life** bicycle tour being held at *Carolyn's Sakonnet Vineyards, in Little Compton, RI*. The date is **September 27, 2014**.

Radio operators and other volunteer types are needed. Spouses are certainly welcome to volunteer as well.

John-WA1ESO [waleso \[at\] juno \[dot\] com](mailto:waleso[at]juno[dot]com) 401-624-4576

POINT TO PONDER

“Everything you do, you do to make your heart sing.”

~Fortune Cookie (Friday Lunch Bunch)

Official Meeting Minutes



June 5, 2014

The meeting was called to order at 7:10 p.m. by the President, **Marcel (W1MLD)** with salute to the flag. The roll was called with 17 members and 0 guests present.

SECRETARY'S REPORT

A motion was made, seconded and unanimously voted to accept the Secretary's report as posted on the board and in *Zero Beat*.

TREASURER'S REPORT

The Treasurer, **Mike (KB1NB)** reported income of \$20.78, total assets of \$68,936, NETCOM balance of approx. \$12,500 with balance of approx. \$4500.00 after purchase of the new building. A motion was made, seconded and unanimously voted to refer the report to audit.

STANDING COMMITTEES

Buildings and Grounds

There was some discussion about use of equipment (computers, etc.) in the building.

Technical

Rick (W1RJC) reported that a chairman is still needed for the Technical Committee, that all was running well. It was also mentioned that the CCTV system has been shut down twice for unknown reasons in the past few weeks.

Scholarship

There will be a Scholarship Committee meeting this coming Sunday at 10:00 a.m. and all are invited to attend.

SPECIAL COMMITTEES

ARES, RACES, SKYWARN

Joe (N1IXC) reported the RACES drill went well with several check-ins.

Radio Activities

Bob (K1KVV) mentioned several upcoming events such as Kid's Day, Field Day and 13 Colonies event, as outlined in *Zero Beat*.

Repeater

Rick (W1RJC) reported that all was working well and that he was working on the Raspberry Pi system. He also spoke of a Yaesu Fusion test program. This was tabled to be brought up under New Business.

Website

Rick (W1RJC) reported all was working with the website and updates are upcoming.

NEW BUSINESS

After some discussion a motion was made, seconded and unanimously approved to apply for participation in Yaesu Fusion Test Program, and further, to use a separate radio for Echolink connection to the 147.00 repeater.

FOR THE GOOD OF THE CLUB

It was announced that there is a scheduled VE session this Saturday at 10:00 a.m. There was also discussion regarding a possible BBQ this summer, interest in a Tailgate Flea Market, and some discussion on needs of the new building.

ADJOURN

A motion was made, seconded and unanimously voted to adjourn at 8:30 p.m.

Respectfully Submitted,

Random Thoughts

- ◇ The new Technician 2014 - 2018 Question Pool is valid for testing on or after July 1, 2014.
- ◇ **July Tech Talk**
Joe-KC1BGF will be doing a tech talk on udio waves after our July 3rd meeting.
73 **Joe K-N1IXC**
- ◇ **13 Colonies Special Event**
This year they are using the WARC bands to take advantage of the propagation andd less crowded-conditions.
- ◇ **Bonus Stations**
Two extra stations join the 13 Colonie Event this year: in Philadelphia-**WM3PEN**, and in Balimore-**W3FT** (in honor off the Star-Spangled Banner). They will also be listed on the certificate.
- ◇ **Part 97 Changes Effective July 21, 2014**
ARRL reminds us that the FCC's recently announced revisions to the Part 97 Amateur Radio rules governing exam credit to former licensees, test administration, and emission types. (Published in The Federal Register on June 20.)
Read the entire story on ARRL.org/news/

Tidbits



June 7 VE Session



This VE session had 3 applicants,
and everyone passed the Technician exam.

Eric Boucher – KC1CBR

Charles M. Chase, Jr – KC1CBS

Gary S. Izzo – KC1CBQ

They may be eligible for a 'free' SEMARA
Baofeng UV-5B HT *.

Welcome to your new privileges!

* Details:



- Pass SEMARA VE Exam.
- Join ARRL.
- Join SEMARA

Club Numbers

GPS Coordinates:

Lat. N 41° 36.795'

Long. W 070° 56.550'

— o —

Maidenhead Grid Coordinates: FN41mo

— o —

For FISTS Sprints: FISTS #10555

LOCAL REPEATER DIRECTORIES

See <http://www.nerepeaters.com/se.htm>

144 (<http://www.nerepeaters.com/2m.htm>)

222 (<http://www.nerepeaters.com/222.htm>)

440 (<http://www.nerepeaters.com/440.htm>)

902 (<http://www.nerepeaters.com/902.htm>)

50/50 RAFFLE



The June 50/50 raffle prize of
\$11.50
went to **Bob (K1KVV)**.



NEXT VE SESSION @ SEMARA

August 2, 2014

Clubhouse @ 10:30 AM

Contact: **Fred Bacon-N1TF**
exams [at] semara [dot] org

508-748-0047

Successful candidates
may be eligible for a 'free' SEMARA
Baofeng UV-5B HT.



CLUB ACTIVITIES

BUSINESS MEETING

First THURSDAY of the month @ 7 PM

Sunday RAGCHEW @ 7-10 AM

Thursday COFFEE CROWD

Dunkin Donuts - Dartmouth & Garfield
Dartmouth @ 1 PM

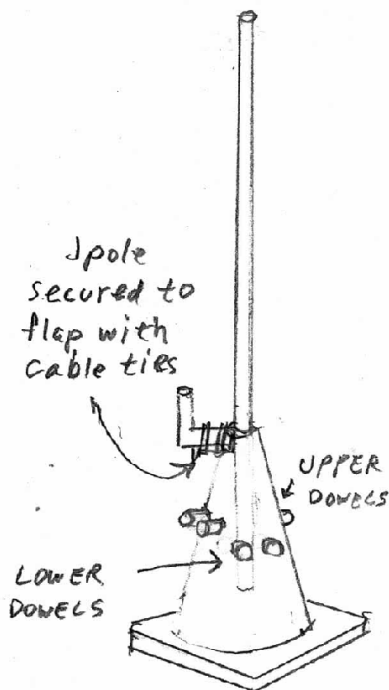
Friday LUNCH BUNCH

Leave for LUNCH @ **12 noon**
Gather @ clubhouse before 12 noon

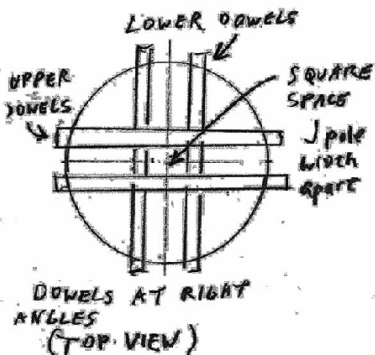
Call on the repeater, or phone the club:
508-997-7070, if you are coming

J-Pole Cone Mount

Designed and built by
Joe-KC1BGF



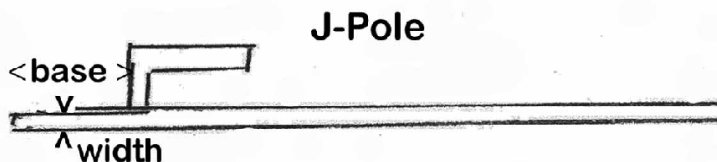
FINISHED ASSEMBLY DETAILS



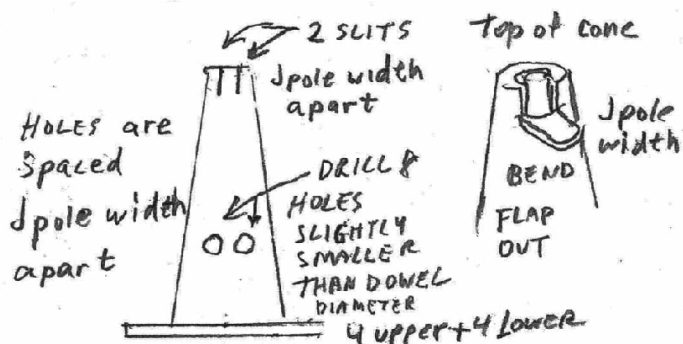
DOWEL DIAGRAM



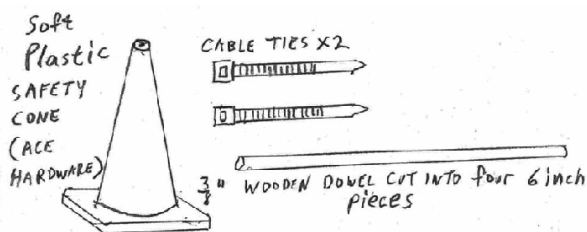
J-POLE & CONE MOUNT



**BASE MUST CLEAR BOTTOM OF CONE
WIDTH DETERMINE THE DOWEL SPACING**



**DRILL HOLES SLIGHTLY SMALLER
THAN DOWEL DIAMETER FOR A SNUG FIT
CUT SUPPORT FLAP TO WIDTH OF J-POLE ARM**



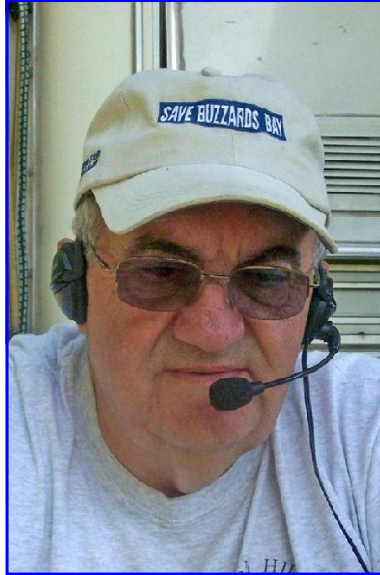
MATERIAL LIST
SOFT PLASTIC SAFETY CONE
CABLE TIE (x2)
3/8" DIAMETER DOWEL, LENGTH TBD

*Many thanks from the Editor for this project contributed by Joe-KC1BGF.
If you have a project you would like to share, please submit your material to the editor.*

SEMARA Field Day - 1B EMA



DICK-K1AHA



PAUL-K1PGS



PAULS VERTICAL



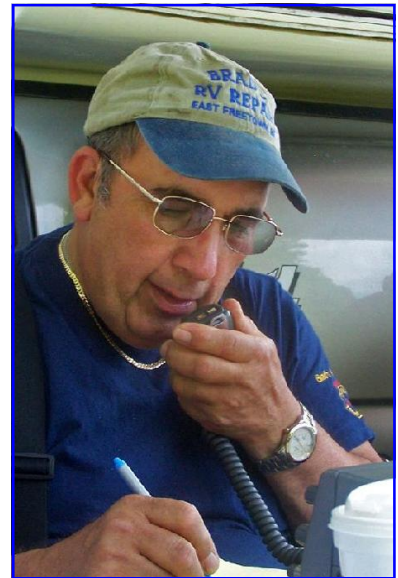
MARTY-KA1YFV

The remaining two antennas are a bit hard to see. The green forest along the side of the field makes it hard to pick them out.

The vertical was a little easier to bring out of the background since it is a vertical structure.

The Fan-Dipole hangs in an arc that makes more difficult to discern.

Paul has a fantastic golf-ball launcher that makes hanging wires from trees relatively easy, for Paul.



BRAD-W1BEP

BRAD'S ALPHA-DELTA FAN-DIPOLE



Nets, 'Tests, S/Es & Fests

LOCAL NETS

Everyone is welcome to check in

147.000+ (PL 67.0 Hz) (FM) — Massachusetts RACES/ACS Drill (Region 2, Sector A) is held on the first Monday of the month at 7:30 PM.

50.200 MHz (FM) — Net is held Wednesdays at 8:30 PM. **Net control** is Brad, **W1BEP** (E. Free-town).

28.490 MHz (USB) — Net is held Tuesdays at 8:30 PM. **Net control** is Dick, **K1AHA** (N. Dartmouth).

1875 kHz (LSB) Net is held Fridays at 7 PM. **Net control** is Dave, **K1JGV** (N. Dartmouth).

If QRN is too high, look for them on **50.200 MHz** (USB)

Coming FLEAS & FESTS

www.arrl.org/hamfests/search

- 18,19 July **Hartford CT**
ARRL Nat Conv 100th Anv
860 594 0200
- 20 July **Cambridge MA** FLEA @ MIT
Mitch 617 253 3776
- 9 Aug **Milo ME** PARC
George WA1JMM 207 441 6112
- 17 Aug **Cambridge MA** FLEA at MIT
Mitch 617 253 3776

July Special Events

<http://www.arrl.org/special-event-stations>

13 Original Colonies Special Event

Tuesday, July 1 – Sunday, July 6

9:00 am - 11:59 pm

(1300 UTC through 0400UTC, 7 July)

13colonies.info

Some July Radio Activity

<http://www.arrl.org/contest-calendar>

- | | | | |
|-------------------------|---|------------------|--|
| 1.8-28 50-144
SSB-CW | Canada Day Contest
www.rac.ca/service/contesting
Jul 1, 0000Z - 2359Z | 1.8-28
CW | IARU HF World Championship
www.arrl.org/contests
Jul 12, 1200Z - Jul 13, 1200Z |
| 1.8-28
CW | CWops Weekly Mini-CWT Tests
www.cwops.org/cwt.html
Jul 3, 1300Z - See website | 1.8-28 50
CW | Straight Key Weekend Sprintathon
www.skccgroup.com
Jul 12, 1200Z - Jul 13, 2359Z |
| 1.8-28 50
CW | MI QRP July 4th Sprint
www.miqrp.org
Jul 4, 2300Z - Jul 5, 0300Z | 14
CW | CQC Great Colorado Gold Rush
www.cqc.org/contests
Jul 13, 2000Z - 2159Z |
| 3.5-28
Dig | DL DX RTTY Contest
www.drcg.de
Jul 5, 1100Z - Jul 6, 1059Z | 3.5-14
CW | NAQCC Monthly QRP Sprint
naqcc.info
Jul 17, 0030Z - 0230Z |
| 28
Dig | DARC 10 Meter Digital Corona
www.darc.de/referate/ukw-funksport
Jul 6, 1100Z - 1700Z | 3.5-28
Dig | North American QSO Party RTTY
ncjweb.com
Jul 19, 1800Z - Jul 20, 0600Z |
| 3.5-28
CW | ARS Spartan Sprint
www.arsqrp.blogspot.com
Jul 8, 0200Z - 0400Z | 3.5-7
CW | RSBG Low Power Contest
www.rsgbcc.org
Jul 20, 0900Z - See website |
| 1.8-14
CW | NS Weekly Sprint
www.nccsprint.com
Jul 11, 0230Z - 0300Z | 1.8-28
CW | Run For the Bacon
www.fpqrp.org
Jul 21, 0100Z - 0300Z |
| 3.5-28
CW | FISTS Summer Sprint
www.fists.org/operating.html#sprints
Jul 11, 2000 EDT - 2400 EDT | 3.5-28
SSB-CW | RSGB IOTA Contest
www.rsgbcc.org
Jul 26, 1200Z - Jul 27, 1200Z |
| | | 7-28 | Flight of the Bumblebees CW
arsqrp.blogspot.com Jul 27, 1700Z - 2100Z |