

ZERO BEAT

Published Monthly by
SEMARA, W1AEC
P.O. BOX 0007, 54 Donald St.
South Dartmouth, MA 02748

Editor
Larry Houbre, AA1FS

Whaling City Festival

We're expecting over 10000 visitors to our booth! If you are reading this, you're mostly like one of the people we were expecting!

At the SEMARA booth, you'll find information about Amateur Radio, and the Southeastern Massachusetts Amateur Radio Association (otherwise known as "the club"). You'll also find information about the ARRL, a national amateur radio organization.

An amateur radio operator (Ham) is a individual who has earned a license by passing a test, and has thereby gained the priviledge of using certain radio frequencies reserved just for them.

Along with those frequency priviledges come mode priviledges, such as CW (Morse Code), SSB, FM, RTTY, Packet. We can even communicate through satellites, and bounce radio waves off of the moon!

Would you like a demonstration? We have some of our radios at the festival. Just ask! (Or, if you are shy, stand next to someone who isn't.) A "Ham" (short for Amateur Radio Operator) will be glad to show you some of our toys.

We can even send a short message anywhere in the country via HAM radio and the National Traffic System (NTS). The message will arrive within a few days. Just fill out the form you can get at the booth.

Hope you have fun visiting the festival!

⇒ Thursday Meetings

SEMARA meets every Thursday at 7:30 pm at the club house, with business meetings on the first Thursday of the month. Why don't you drop by?

C.B. and HAM

Why does C.B. appeal to you? Is it a necessity or a hobby? If it is a necessity, you are probably satisfied with what it has to offer. It probably saves you time and money and is a lifesaver in an emergency, or maybe it just helps you to stop feeding the "bears". If you bought your rig to talk with friends or to chase skip, then maybe Amateur Radio has more to offer you.

Let's compare C.B. and Amateur Radio. For C.B., the only modes are A.M. and sideband. Hams (amateur radio operators) are allowed to use CW (Morse Code), A.M., Single Sideband (SSB), FM, teletype, television, fascimile, packet and some experimental modes.

Power for C.B. rigs can't legally exceed 5 watts input on AM or 25 watts on sideband, while the Ham's limit is 2000 watts P.E.P. on sideband and 1000 watts on other modes.

How about maximum legal distance? For C.B. it is 150 miles, but the Ham has no limitation. He can talk all the way around the world, on a variety of frequencies. The CBer has only 40 channels from which to choose. The Ham has over a dozen "bands" of continuous frequency ranges, over 1000 more choices!

Becoming a Ham is not that hard. Tests are given regularly at many different locations (see the schedule on the back page). There are several classes of licenses, including Novice, Technician and "Tech Plus". The Technician class doesn't have a "morse code" requirement, so you CAN get in by answering a few questions about rules and radio.

Fairhaven Road Race

Several Hams helped out with communications for the annual Fairhaven Road Race on Father's Day. Starting Sunday morning at 8:30 am, the event (from a communications stand point) was over by 10:30 am. The Hams reported on lead runners passing checkpoints, and other tactical information.

SEMARA can assist with communications for public events and emergencies. If your club or organization sponsors an event that requires communications, please contact the club.

Weather Net

Check in on Monday nights at 8pm on 145.490- for the adverse weather net.

Ham Fest

SEMARA will be holding the world's largest, well, the New Bedford area' largest Radio and Electronics Flea Market on September 12, 1993 next to the club house on Donald Street.

CALENDAR

- July**
 18: MIT Flea Market
 24-25: ARRL NE Div. Convention, NH
- August**
 5: 7:30p, SEMARA Business Meeting
 8: Ham Fest, Wellsley
 14-15: ARRL National Convention
 15: MIT Flea Market
 28: Ham Fest, Gardner
 29: Ham Fest, Fall River
- September**
 2: 7:30p, SEMARA Business Meeting
 12: Ham Fest, South Dartmouth
 18: BBS Chat Meet Show
 19: MIT Flea Market
 26: Ham Fest/Exams, Framingham
- October**
 7: 7:30p, SEMARA Business Meeting
 15-16: Hoss Traders, Rochester, NH
 17: MIT Flea Market
 30: National Exam Day
- November**
 4: 7:30p, SEMARA Business Meeting
 13: Ham Fest, Plymouth
- December**
 2: 7:30p, SEMARA Business Meeting
- January 1994**
 6: 7:30p, SEMARA Business Meeting
- February**
 3: 7:30p, SEMARA Business Meeting

Repeater Directory

- | | |
|-----------|------------------------|
| 145.150 - | WA1DGW, Fall River |
| 145.490 - | KA1WBF, Fairhaven |
| 146.700 - | WA1RBT, Cranston |
| 146.655 - | WA1GPO, Falmouth |
| 147.000 + | W1AEC, South Dartmouth |
| 147.135 + | Taunton |
| 147.180 + | WB1FLD, Bridgewater |
| 147.315 + | Wareham |
| 442.200 + | Fall River |
| 443.450 + | Westport |
| 444.350 + | W1ACT, Fall River |

SEMARA OFFICERS

- President**
 Pete Carreiro, KA1WOJ, 993-6262
- Vice-President**
 Mike Ponte, WA1BZJ, 996-0159
- Secretary**
 Mark Mahoney, N1IEP, 993-5942
- Treasurer**
 Pat Carreiro, KA1YUH, 993-6262
- Board Members**
 Dr. Norm Riley, W1ATI
 Marc Jodoin, KA1WBF
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- Technical Committee**
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- Ways & Means Committee**
 Pat Carreiro, KA1YUH, Chairman
- Education Committee**
 Mike Enos, WM1S, Chairman

Packet Directory

- | | |
|-------------------|----------------|
| 144.990 N1KBT | 145.090 KC1CE |
| 144.990 NS1N | 145.090 KD1NU |
| 145.010 Fara Digi | 145.570 WA1OAJ |
| 145.010 KA1THM | 145.530 QK1K |
| 145.010 N1CSI | 145.710 KA1THM |
| 145.050 WA1ZUF | 145.710 KC1KM |
| 145.070 WQ1O | 145.710 N1LDY |
| 145.090 AA1FS | 145.730 KC1UA |
| 145.090 K1UGM | 145.770 W1NPR |

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VE EXAMS

- July**
 17: Melrose, MA Scott, 617-322-7654
 21: Cambridge, MA Nick, 617-253-3776
 23: Holyoke, MA Jim, 413-245-3228
 24: Manchester, NH Glenn, 603-434-4490
 25: Fort Devens, MA Tom, 508-425-6672
- August**
 2: Cambridge, MA Bob, 617-593-1955
 7: Marshfield, MA Jeff, 508-746-6184
 12: Providence, RI Judy, 401-231-9156
 14: Braintree, MA Philip, 617-329-6446
 14: Falmouth, MA Geoffrey, 508-548-0969
 21: Melrose, MA Scott, 617-322-7654
 27: Holyoke, MA Jim, 413-245-3228
 28: New Bedford, MA Dave, 508-991-4291
 29: Fall River, MA Jesse, 508-678-3623
- September**
 5: Fort Devens, MA Tom, 508-425-6672
 6: Cambridge, MA Bob, 617-593-1955
 9: Providence, RI Judy, 401-231-9156
 10: Holyoke, MA Jim, 413-245-3228
 11: Falmouth, MA Geoffrey, 508-548-0969

Please check with the contact listed for each session to verify the exam date, time, and location. Some sessions require preregistration and do not allow walk-ins.

SEMARA, Inc.
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 January 2011

