

ZERO BEAT

**South
Eastern
Massachusetts
Amateur
Radio
Association**

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

Larry Houbre, AA1FS, Editor
Phone: 508-991-6055, Packet: AA1FS @ AA1FS.#EMA.MA



Meeting Highlights

The meeting was called to order at 7:38, and role call revealed 9 members. The secretary's report was read from the latest edition of the Zerobeat. There was no treasurer's report.

Bob, KA1YDG, reported that the Fairhaven Road Race donated \$100 to the club.

There were no committee reports or old business.

For new business, it was reported that the Phil Temples, the ARRL Eastern Massachusetts Section Manager had expressed an interest in coming in to visit the club. It was decided to invite Phil to the February meeting.

There were no nominations made for the upcoming election.

After some discussion about towers, the meeting adjourned.

Elections!

Don't forget, the December meeting is the annual election. Come and have your say! Put in your two cents! Maybe even second a nomination!

News

MARS discontinues CW

The director of MARS operations says that it is time for the service to look for more modern communications.

Morse code is being phased out of the Military Affiliate Radio System, according to a letter released in early August by the U.S. Department of Defense's Emmitt Page, Jr. Page, the Assistant Secretary of Defense for

command, control, communications and intelligence, says that effective October 1, 1996 it is directed that the CW mode of communications will no longer be used on any Department of Defense MARS circuits, networks or frequencies.

WTC proposal on hold

The World Radiocommunication Conference has put abolishing mandatory Morse Code testing on hold for at least two years. This is a win for the proponents of keeping Morse code testing mandatory world wide.

DARA Scholarships

The Dayton Amateur Radio Association is now accepting applications for its 1996 college scholarships. Each year DARA offers eight scholarships. No specific field of study is required. Amateur Radio licensees graduating high school in 1996 are eligible for \$2,000 scholarships with winners announced around June 1, 1996.

CW practice from Alaska

A new code practice station is on the air in Alaska. Sponsored by the South Central Radio Club, of Anchorage, KL7CC is on daily on 80 and 2 meters. Running 100 watts on 80 and 2 meters, each session runs 40 minutes daily, at 7 AM, 10 AM, 4 PM, 7 PM, and 10 PM, Alaska time, on 3.575 and 145.35 MHz. Send reception reports to Jim Wiley, KL7CC, 8023 East 11th Court, Anchorage, Alaska 99504.

RF Lights

RF light bulbs are on their way! The Federal Communications Commission waived its rules to permit the General Electric Company to begin marketing a new RF powered light bulb.

GE proposes marketing to consumers an unlimited number of RF light bulbs. Commission rules already permit RF lighting devices used in commercial environments to place a signal level on the AC power lines.

The FCC says that there has been no record of significant interference problems from the use of these devices in commercial environments. It also says that radio operations in the range 2.2 to 2.8 MHz are not normally employed or intended for reception in residential environment GE was granted a waiver for one year, and the FCC reserved the right to revoke the permit if it determines that RF lighting devices operating under the conditions of the waiver create severe interference problems.

Airwave Auction

The Supreme Court has given the Federal Communications Commission approval to go ahead with its planned December 11th auction of 498 licenses for small businesses.

1996 Test Fee

Effective January 1st, the maximum allowable reimbursement fee for an amateur operator license examination will be \$6.07. The FCC set this amount based on the Consumer Price Index between Sept. 1994 and Sept. 1995. It is an increase from the current \$5.90 fee.

RF Dangers

A report prepared by the FCC's Office of Engineering and Technology is expected to serve as the basis for any commission action to revise its guidelines concerning the amount of human exposure permissible to RF fields. Copies can be purchased for a nominal fee from the National Technical Information Service of the Department of Commerce. Their phone number is 1-800-553-6847. Specify report number PB95-253829.

Digital Rules

The FCC, responding to a request from the ARRL, has clarified its rules regarding amateur radio stations' use of digital codes. Some amateurs had expressed concern about the propriety of using the Clover, G-TOR, and PACTOR codes on bands below 30 mhz, because

NOQUOCHOKE ORCHARDS Growers of Finest Quality Fruit

Apples • Pears • Peaches
Sweet Apple Cider • Squash
Westport Macomber Turnips
Hay & Custom Work



508-636-2237
594 Drift Rd.
Westport, MA 02790

Dreamer's

Computer Communication and
Information Service
New Bedford, MA

508-991-6058 (modem)

- *Clean* online service •
- Downloadable files •
- National Conferences •
- Multinode chat •
- Amateur Radio •
- Health and Medical •
- More! •

20% discount
for Hams!

Online!

FCC rule 97.309, subpart A appeared to authorize only BAUDOT, AMTOR, and ASCII codes.

The FCC agreed that the use of the three modes does not conflict with its objective of preventing the use of codes or ciphers intended to obscure the meaning of the communication. As a result the rule has been amended to include these modes.

ATV vs. FM

On the 70 centimeter ham band, two groups, amateur television users and FM operators, are at odds.

Last spring the Mid America Coordination Council decided to phase out fast scan amateur television operations on the 440 MHz band, so that more spectrum can be made available for increased use by FM voice and other narrowband interests. FM users say they need the space so they can set up more voice repeaters to accommodate the flood of codeless technicians joining amateur radio every month.

ATV operators, including those who have operated on the 430 MHz band since before the first FM voice signal showed up, say they won't move. They say neither the FM community nor their repeater councils have the right to tell them to leave. FCC rules part 97.305, subpart C authorizes fast scan amateur television and other wideband modes on the 70 centimeter band and above. With or without the blessings of the Coordination council or any other FM repeater frequency coordinator, their personal home stations will be staying on the air, right where they are. Some ATV operators are even willing to take the issue to court if they must.

Net Directory

M-F	8am	14.262	General	Thu	8pm	147.180 + Trivia
Sat	8am	7.237	UFO	Sat	1800G	14.300 Cst Grd
Sun	8am	28.375	General	4thSun	9pm	449.575 EM-ARRL
Sun	3pm	28.470	UFO	Daily	8pm	145.23- EM-NTS
Daily	7pm	146.55	General	Please report any regularly scheduled nets to the editor!		
Thu	7pm	14.264	UFO			
Sat	7:30p	3.978	UFO			
M-F	8pm	145.490 +	Weather			
Tue	8pm	3.978	UFO			

Home and Business
Office Equipment
and Supplies

Copiers, Typewriters
Facsimile, Calculators
Dictating
Checkwriters
Laser Printers

Copytype Equipment Co., Inc.

Tel (508) 997-3195
Fax (508) 997-3197

1311 Purchase Street
New Bedford, MA 02740

SpaceNews STS-74/SAREX

The SAREX Astronauts were very active on STS-74, making numerous voice contacts with groundstations on 2-meter FM. It should be noted that Canadian Astronaut Chris Hadfield, KC5RNJ, received his Canadian Amateur License last week. His Canadian callsign is VA3OOG. He used this callsign on several passes over North America, particularly when the Shuttle traversed over Canada.

Last week, the Atlantis astronauts completed 5 scheduled ham radio contacts with US students as part of the Shuttle Amateur Radio Experiment or SAREX. These groups included students from Franklin Junior High School in Pocatello, Idaho, Norwalk County schools in Connecticut, Lake Street Elementary School in Crown Point, Indiana, Round Lake-area schools in Illinois, and Quimby Oak Junior High School in San Jose, California. The students were assisted by their local Amateur Radio clubs and many AMSAT SAREX volunteers.

SETI

The nonprofit Search for Extra Terrestrial Intelligence League has entered into an agreement with Down East Microwave Inc., owned by Steve Kostro, N2CEI, The company is located in New Jersey, and manufactures equipment for amateurs for 6 meters and above.

Under the agreement Down East Microwave will produce and market amplifiers, filters, down-converters, and other receive equipment designed by SETI League engineers, with profits to be donated to the SETI League's research fund.

Packet Directory

144.990 NS1N	145.050 WA1ZUF	145.090 KC1CE
145.010 Fare Digi	145.070 WQ1O	145.090 KD1NU
145.010 N1GSI	145.090 AA1FS	145.710 KC1KM
145.030 N1JFU	145.090 K1UGM	145.710 N1LDY

'95 SEMARA OFFICERS

President: Robert Peckham, KA1YDG, 995-9137
Vice-President: Ray Martin, KC1XW, 995-0334
Secretary: -open-
Treasurer: Pete Carreiro, KA1WOJ, 993-6262

Board Members: Bill Field, WA1FYF
 Linda Medeiros, KA1QCO
 Morris Forgaren, WB1GJO

Trustees: Morris Fogaren, WB1GJO
 Joe Midurski, W1EKW
 Edward Blouin, KA1AW
 Andrew Reuter, WA1FNM
 William M. Miller, Jr. K1IBR

Buildings/Grounds: Bill Field, WA1FYF, Chairman
Technical: William M. Miller, Jr., K1IBR, Chairman
Ways & Means: Pat Carreiro, KA1YUH, Chairman

ARRL Section Staff

Section Manager: Phil Temples, K9HI, 617-926-5986
 EMail: phil@temples.com
 Packet: k9hi@wa1phy

First ASM: Bob Salow, WA1DA
 Packet: wa1da@wa1phy

Affiliated Clubs: Larry Ober, KC1VS
 EMail: leo@banzai.ultranet.com

Bulletin Manager: Mike Ar dai, N1IST
 EMail: n1ist@netcom.com
 Packet: n1ist@k1ugm

OO/Amateur Aux.: Tony Penta, WA1MWN
 EMail: tony@shore.net
 Packet: wa1mwn@k1ugm

Public Information: Ed Hennessy, N1PBA
 EMail: ehenness@natick-emh2.army.mil
 Packet: n1pba@ka1tuz

State Government: Shawn O'Donnell, K3HI
 EMail: sro@media-lab.mit.edu

Emergencies: Brad Cole, K3XL
 EMail: brad_cole@ccmail.eo.rd.ray.com

Traffic Manager: Jim Hatherly, WA1TBY
 EMail: jim.hatherly@bcsinfo.bcs.org
 Packet: wa1tby@k1ugm

Technical Coordinator: Steve Schwarm, W3EVE
 EMail: schwarm@mitre.org
 Packet: w3eve@kd1ca.ri

Internetworking: Scott Ehrlich, WY1Z
 EMail: wy1z@neu.edu

Operating Activities: (open)
Youth Activities: Adam Shapiro, KE1BG
 EMail: cgreen@tiac.net

ASM: Elaine Chase, N1GTB
 EMail: erc@world.std.com

S.E.Ma./Cape Cod: Larry Houbre, AA1FS, 508-991-6055
 EMail: lhoubre@dreamers.groupnet.org
 Packet: aa1fs@aa1fs

N.E. Ma./Cape Ann: Jane Dionne, N1UGA, 508-532-4306

Repeater Directory

145.150 - WA1DGW, Fall River	442.200+ NY1D, Fall River
145.490 - KA1WBF, Fairhaven	442.350+ N1QWW, New Bedford
146.700 - WA1RBT, Cranston	443.450+ K1MYL, Westport
146.655 - WA1GPO, Falmouth	443.600+ NS1N, Norwell
146.685 - N1OEG, Plymouth	443.800+ N1RFH, New Bedford
147.000+ W1AEC, S. Dartmouth	444.250+ WA1GPO, Falmouth
147.045+ WA1AIC, Yarmouth	444.350+ W1ACT, Fall River
147.135+ ND1N, Taunton	444.550+ WA1ZUF, Bridgewater
147.180+ N1FDX, Bridgewater	446.325 - KA1CLX, Plymouth
147.315+ N1BBT, Wareham	446.625 - NG1K, Plymouth
	447.075 - N1DZD, Kingston
224.340 - N1SGK, Dennis	448.675 - N1FPH, W. Greenwich
441.400+ WG1U, Assonet	

Know of any local repeater frequencies not listed here? Send them in to the editor!

VE EXAMS

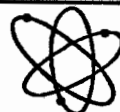
November
 24: Holyoke, MA Ann, 413.245.3228
 25: Lynn, MA Herb, 508.468.2780
 25: Slatersville, RI Bob, 401.333.2129
 27: Greenfield, MA Richard, 413.665.6611
 28: Stoughton, MA Bob, 508.583.3639

December
 02: Sturbridge, MA Michael, 413.967.3851
 02: Middletown, RI Jack, 401.683.2250
 03: Shirley, MA Tom, 508.425.6672*
 06: Acton, MA Charles, 508.562.5622
 09: Brewster, MA Henry, 508.255.2818
 09: Braintree, MA William, 617.843.4400
 09: Falmouth, MA Ron, 508.540.0977
 09: Marlborough, MA Bill, 617.891.9079
 10: Gloucester, MA Rick, 508.283.2278
 11: Boston, MA Bob, 617.593.1955
 13: Billerica, MA Bruce, 508.851.2886
 16: Melrose, MA Scott, 617.322.7654
 17: Athol, MA John, 508.249.5905*
 17: Shirley, MA Tom, 508.425.6672*
 20: Cambridge, MA Nick, 617.253.3776
 20: Lunenburg, MA Tom, 508.534.9377*
 22: Holyoke, MA Ann, 413.245.3228
 23: Lynn, MA Herb, 508.468.2780
 30: Slatersville, RI Bob, 401.333.2129

January
 03: Acton, MA Charles, 508.562.5622
 07: Shirley, MA Tom, 508.425.6672*
 07: E. Providence, RI Paul, 508.761.5296
 08: Boston, MA Bob, 617.593.1955
 10: Billerica, MA Bruce, 508.851.2886
 11: Providence, RI Judy, 401.231.9156
 13: Marlborough, MA Bill, 617.891.9079

ZERO BEAT

is published monthly by
SEMARA, W1AEC
 P.O.Box 0007, 54 Donald Street
 South Dartmouth, MA 02748



Subscriptions: Published 12 times a year, subscription rates are \$6/yr for SEMARA members, \$10/yr for non-members. The single issue price is \$1. Send changes of address and subscription requests to ZEROBEAT at the above address.

Advertising: Commercial ads the size of a business card will be accepted. Rates are \$5 for one insertion, \$20 for six insertions, \$35 for twelve insertions. Non-commercial ads up to forty words will be accepted. Rate is \$3 for one insertion, \$12 for six insertions. Members have one free non-commercial ad per month.

Copyright: Contents are copyrighted by ZEROBEAT/SEMARA/W1AEC and the individual authors unless noted as a reprinted article from another publication. Reprint permission is granted to non-profit Amateur Radio oriented publications provided credit is given to ZEROBEAT and the author as shown.

VE EXAMS (Continued)

14: Gloucester, MA	Rick, 508.283.2278	
17: Lunenburg, MA	Tom, 508.534.9377*	
20: Melrose, MA	Scott, 617.322.7654	
21: Shirley, MA	Tom, 508.425.6672*	
24: Cambridge, MA	Nick, 617.253.3776	

CALENDAR

<p style="text-align: center;">November</p> <p>25: Comp. Show, Taunton, MA</p> <p style="text-align: center;">December</p> <p>7: 7:30p, SEMARA Meeting</p> <p>30: Comp. Show, Taunton, MA</p> <p style="text-align: center;">February</p> <p>17: Flea, Marlborough</p> <p style="text-align: center;">April</p> <p>15: Boston Marathon</p> <p>21: MIT Flea, Cambridge</p>	<p style="text-align: center;">May</p> <p>18: Flea, Forestdale, RI</p> <p style="text-align: center;">June</p> <p>19: MIT Flea, Cambridge</p> <p style="text-align: center;">July</p> <p>16: MIT Flea, Cambridge</p> <p style="text-align: center;">August</p> <p>21: MIT Flea, Cambridge</p> <p style="text-align: center;">August</p> <p>18: MIT Flea, Cambridge</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SEMARA, Inc.
 54 Donald Street
 South Dartmouth, MA 02748



Scanned by N1TI
 January 2011

