

ZERO BEAT

**South
Eastern
Massachusetts
Amateur
Radio
Association**

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Meeting Highlights

Watch for the December meeting highlights in an upcoming issue of the ZeroBeat.

News Briefs

Army Event

Paul Whipperman, K1MTM, and a group of his friends in the North Atlantic Radio Club are currently operating a special events station near Boston to commemorate the work of the United States Army and the Signal Corps during World War II. Whipperman says that some of the gear being used makes the operation unique.

"Much of the equipment that is here was used during World War II to protect the Atlantic coast line here. It is somewhat of a unique station. We probably believe it is the only one of its type in North America. Paul Whipperman, K1MTM.

You can find K1MTM on all of the high frequency band with special emphasis for operating on 7255 KHz upper sideband on weekends. QSL this special commemorative operation with an SASE to K1MTM in care of the North Atlantic Radio Club at Post Office Box 81, Elmwood, Massachusetts, 02337.

WRC-95 Preparatory Comments

The ARRL has commented on an FCC Notice of Inquiry in preparation for the next International Telecommunication Union World Radio Conference, scheduled for November 1995. In its filing on Docket 94-31, the ARRL urges that any consideration of realignment of the 7 MHz band be held in abeyance until the World Radiocommunications Conference scheduled for 2001. This, to give fixed and mobile services time to relocate to higher frequencies. The ARRL had earlier suggested

that the issue be considered in 1999 but has now moved that back two years.

In the matter of the 2300 MHz band, the League notes that the 1994 Omnibus Budget Reconciliation Act carries a rider that protects amateurs. The league says this means that an international allocation for the Mobile Satellite Service at 2300 to 2310 or 2390 to 2420 MHz should not be considered.

Finally, the League again argues for a future agenda item in the form of an International Amateur Radio Permit. They say that such an automatic reciprocal permit is already available among the countries of the European Conference of Postal and Telecommunications Administrations and the International Amateur Radio Union has been promoting such an agreement among its members in ITU Region 2.

New ITU Radio Communications Director

The International Telecommunications Union, the ITU has elected Robert W. Jones, VE3CTM, to replace retiring Richard C. Kirby, W0LCT, as Director of its Radiocommunication Bureau. The announcement was made at the ITU Plenipotentiary Conference in Kyoto, Japan, on September 30th.

Jones is from Ottawa and is currently the Director General of Canada's Radio Regulatory Branch which regulates amateur and other radio services. His work with the ITU began in 1975 in preparation for the 1977 and 1979 World Administrative Radio Conferences. From 1981 to 1983 he was director of a project to automate ITU frequency records. He has since served and headed Canadian delegations to numerous ITU conferences and working groups.

Disabled HAMS Fund

The ARRL Foundation has established The Program for the Disabled Fund. This, to raise funds for the development of educational and informational materials for disabled licensed or prospective hams. Your contribution

can help make popular ARRL publications available in forms most useful to disabled hams and their instructors. For more information please contact The ARRL Program for the Disabled Fund, 225 Main Street, Newington, Connecticut 06111.

Elderly Rule Change Refused

The FCC says no to a petition that proposed exemptions from Morse code exams for people over age 64.

The petition to change the rules was filed by Guy A. Matzinger, KB7PNQ. Matzinger is a 67-year-old Technician class licensee from Cheney, Washington. In his petition Matzinger argued that old age results in diminished faculties. He even equated people 65 and older with the severely disabled in terms of passing a CW exam.

To back up his claim, Matzinger introduced the results of a survey he conducted that said 63 percent of those he contacted supported an exemption for speeds above 5 WPM for anyone over age 65.

But in turning away Matzingers' request the FCC says that the survey was flawed. It notes that the study provided only a statistical age profile of those contacted but did not say how many people were actually surveyed.

FCC licensing changes

The FCC released a 7-page Order amending its amateur rules, to reflect what the Commission calls "nonsubstantive procedural changes":

1. To permit electronically filed data from VECs (paper applications also will still be accepted);
2. To authorize operation as soon as the new license data appears in the amateur service licensee data base, rather than (as now) when the license document has been delivered (details of how the new licensee can determine his call sign will be announced later);
3. To add a new rules section, "Examinee Conduct," to emphasize that an examinee must comply with the instructions given by the administering VEs;
4. To treat "Technician Plus" as a license class;
5. And to provide for a "renewal short form" which the FCC says will be mailed to licensees in advance of their expiration date beginning sometime in 1995. The FCC added that renewal applications would be accepted no more than 90 days before the expiration date.

Dreamer's

Computer Communication and
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Online!

Because of the nature of these rule amendments, there is no notice or comment period required by federal law.

Telephones and Radio Interference

The FCC says it receives 25,000 telephone interference complaints per year and ham radio is one of the primary culprits. According to a news release from the Field Operations Bureau this is the results found as a result of testing 241 residential telephones, selected from field office complaint files.

The study showed that 68% of the transmitting stations most likely involved in the interference complaints were citizens band, broadcast, and amateurs. Citizens band stations accounted for half the interference and broadcast and amateur stations accounted for the other half.

During the study, FCC investigators tested two telephone models claimed by their manufactures to be interference proof. In virtually all cases, replacement of the telephones receiving interference with the one of these two interference free models solved the problem. The addition of external filters provided satisfactory results in only one third of the cases.

Space Briefs

Keplerian Data via E-Mail

As a service to the AMSAT satellite community, The Dallas Remote Imaging Group is providing an automated email response service to request satellite keplerian elements via email request.

Net Directory

Sun	8am	14.262	General	M-F	8pm	145.490+	Weather
Sat	8am	7.237	UFO	Tue	8pm	3.978	UFO
M-F	8am	28.375	General	Thu	8pm	147.180+	Trivia
Sun	3pm	28.470	UFO	Sat	1800G	14.300	Cst Grd
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				

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1311 Purchase Street
New Bedford, MA 02740

To obtain the latest satellite keplerian elements, simply send an email note to the following addresses for the specific set of satellites that you would like. New e-mail address services include:

amsatkep@drig.com
weathkep@drig.com
info@drig.com

intelsat@drig.com
shuttle@drig.com

An email message to elements@drig.com generates a response with NASA 2-line elements for the week, email to amsatkep@drig.com generates a response with AMSAT style explicit keplerian elements, email to intelsat@drig.com generates the Ted Molczan Intelligence sat keplerian elements, email to weathkep@drig.com generates the listing of weather/imaging satellite keplerians, and email to shuttle@drig.com generates the latest STS-XX shuttle mission keps during active STS missions only.

To use this service, simply address your email to the above addresses, and the latest of the keplerians will be forwarded to your email address. The body of the letter can have anything in it.

Packet News

PAL-HAM

PAL-HAM is an amateur radio program that brings Cops and Kids together, under the direction of detective Paul Bowman, N6WZR, of the Long Beach Police Department. PAL-HAM is an alternative for our inner city youth. The Police Athletic League (PAL) was originally designed for athletic activities for kids, but has grown to include ham radio.

Packet Directory

144.990 N1KBT	145.090 AA1FS	145.710 KA1THM
144.990 NS1N	145.090 K1UGM	145.710 KC1KM
145.010 Fara Digi	145.090 KC1CE	145.710 N1LDY
145.010 N1CSI	145.090 KD1NU	145.730 KC1UA
145.050 WA1ZUF	145.570 N1QWW	
145.070 WQ1O	145.530 KQ1K	

'94 SEMARA OFFICERS

President: Pete Carreiro, KA1WOJ, 993-6262
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Edward Blouin, KA1AW
Andrew Reuter, WA1FNM

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

We currently have 20 licensed kids. We have held four classes plus summer instructions, and have just begun our 6th class. Our classes are free, and we teach code/no-code based on the ARRL lesson plans using the latest edition of the "Now You're Talking" textbook. All of our equipment has been donated and our instructors are volunteers. Parents interested in becoming a ham may sit in on our classes, but must buy their own books and are asked to bring cookies or other snacks.

Our ham station is located at 1401 W. 9th St., in Long Beach, in the police athletic league building. We have a complete ham station, including HF, UHF, VHF, Packet, and various computer learning programs. It's a tight squeeze but our enthusiasm is high! Once our kids have their licenses we do not stop there! The kids participate in the Long Beach Marathon, the cancer walk, the special olympics, and other community service events, by assisting in providing communications with equipment that has been donated by members of the local amateur radio community.

Most of the equipment has been donated by members of the Associated Radio Amateurs of Long Beach (ARALB - W6RO) and the Long Beach Repeaters associates (K6CHE-HAM1). Some of the equipment is loaned to the kids to take home and use so they become familiar with the fellowship of other amateurs.

Repeater Directory

145.150 - WA1DGW, Fall River	442.350 + N1QWW, New Bedford
145.490 - KA1WBF, Fairhaven	443.450 + K1MYL, Westport
146.700 - WA1RBT, Cranston	443.600 + NS1N, Norwell
146.655 - WA1GPO, Falmouth	443.800 + N1RFH, New Bedford
146.685 - N1OEG, Plymouth	444.250 + WA1GPO, Falmouth
147.000 + W1AEC, S. Dartmouth	444.350 + W1ACT, Fall River
147.045 + WA1AIC, Yarmouth	444.550 + WA1ZUF, Bridgewater
147.135 + ND1N, Taunton	446.325 - KA1CLX, Plymouth
147.180 + WB1FLD, Bridgewater	446.625 - NC1K, Plymouth
147.315 + N1BBT, Wareham	447.075 - N1DZD, Kingston
	448.675 - N1FPH, W Greenwich
441.400 + WG1U, Assonet	
442.200 + NY1D, Fall River	

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

VE EXAMS

December

23: Holyoke, MA Jim, 413-245-3228
 31: Slatersville, RI Bob, 401-333-2129

January

1: Shirley, MA Tom, 508-425-6672*
 2: Cambridge, MA Bob, 617-593-1955
 4: Acton, MA Robert, 508-264-0322
 7: S. Dartmouth, MA Ray, 508-995-0334
 7: Slatersville, RI Bob, 401-333-2129
 8: Gloucester, MA Rick, 508-283-2278
 11: Billerica, MA Bruce, 508-851-2886
 12: Providence, RI Judy, 401-231-9156
 14: Falmouth, MA Geoffrey, 508-548-0969
 14: Chicopee, MA Jim, 413-245-3228
 14: Marlborough, MA Bill, 617-891-9079
 15: Shirley, MA Tom, 508-425-6672*
 18: Cambridge, MA Nick, 617-253-3776
 18: Lunenburg, MA Tom, 508-534-9377*
 21: Melrose, MA Scott, 617-322-7654
 27: Holyoke, MA Jim, 413-245-3228
 28: Slatersville, RI Bob, 401-333-2129

February

1: Acton, MA Robert, 508-264-0322
 4: Middletown, RI Jack, 401-683-2250
 5: Shirley, MA Tom, 508-425-6672*
 6: Cambridge, MA Bob, 617-593-1955
 8: Billerica, MA Bruce, 508-851-2886
 9: Providence, RI Judy, 401-231-9156
 11: Brewster, MA Henry, 508-255-2818
 11: Falmouth, MA Geoffrey, 508-548-0969
 11: Marlborough, MA Bill, 617-891-9079
 11: Chicopee, MA Jim, 413-245-3228
 12: Shirley, MA Tom, 508-425-6672*
 12: Athol, MA John, 508-249-5905

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VE EXAMS (Continued)

12: Gloucester, MA	Rick, 508-283-2278
15: Cambridge, MA	Nick, 617-253-3776
15: Lunenburg, MA	Tom, 508-534-9377*
18: Melrose, MA	Scott, 617-322-7654

CALENDAR

January	9: Ham Fest, Framingham
5: 7:30p, SEMARA Meeting	16: MIT Flea, Cambridge
February	28-30: Dayton, OH
2: 7:30p, SEMARA Meeting	May
March	4: 7:30p, SEMARA Meeting
2: 7:30p, SEMARA Meeting	12-13: Hoss Traders, NH
3-5: TAPR Annual Meeting	20: Flea, Forestdale RI
April	21: MIT Flea, Cambridge
6: 7:30p, SEMARA Meeting	June
	1: 7:30p, SEMARA Meeting
	18: MIT Flea, Cambridge

SEMARA, Inc.
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 South Dartmouth, MA 02748



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