



# The Minuteman



Volume 15 Number 1

THE OFFICIAL NEWSLETTER OF THE  
MINUTEMAN REPEATER ASSOCIATION

March 1987

## NEXT MEETING

17 Mar, 1987 FIRST CONGREGATIONAL  
CHURCH, 25 WOBURN ST.,  
READING, MA  
Doors open 7:00 PM  
Meeting 7:30 PM

AGENDA--Joe Reisert W1JR, who  
writes the monthly column  
"UHF/VHF WORLD" in HAM RADIO,  
will give a presentation on  
UHF/VHF Propagation.

## FUTURE MEETINGS

13 MAY, 1987 CAMPION CENTER  
WESTON

## AUTO PATCH INSTRUCTIONS

### HOW TO USE THE AUTOPATCH

1. Check to be certain that the frequency is clear. Autopatches, except for emergencies, DO NOT take precedence over normal traffic.
2. Announce your intentions to use the patch, such as "This is WIABC on the Autopatch." Drop the mike button and allow the repeater to recycle or 'beep'.
3. Press your mike button and evenly and rapidly enter the access code. There is a short window of four seconds during which the entire access code must be entered.
4. Release the mike button and listen for the dial tone. If none is heard, repeat steps 2 and 3.
5. If your location is good and you still cannot access the patch, ask someone to assist you.

6. Once the dial tone is heard, press your mike button and dial your number.

7. Release your mike button and listen for the 'clunk' that indicates that the number has been accepted.

8. Carry on your conversation, remembering to announce that the called party is on the air and conversation is one-way.

9. When you are done, terminate the patch by depressing the asterisk (\*) for three full seconds on the Marlboro and Weston repeaters. On the Stoneham repeater use the number sign (#) to terminate. On the Quincy machine punch in the code " #97 " to clear.

10. Immediately after clearing the patch, press your mike button and indicate that you are clear i.e. "WIABC clear the patch".

## A DAY AT THE CHARLES RIVER

MMRA members and other radio amateurs recently worked a sizable public service project, the 22nd annual Head of the Charles Regatta (HOCR). The ham effort was planned, coordinated, and directed by N1BHI, Andy Morrison.

For this October 19, 1986, event, a ham operator was assigned to each of 15 race umpires along the three-mile long course starting at the Boston University Boat House, and ending upstream at the Eliot Bridge. As each of the 14 race events was completed net control, either N1BHI or KA1IG, Bruce, canvassed each umpire station

for reports of infractions or other circumstances affecting the scoring of the race. As 38-40 entrants competed in each race, there were many possibilities for infractions. Usually, there were few infractions to report, but even negative reports were required to validate the results and defend against protests. The head umpire, at the net control station, was able to query the course umpires directly, resolving discrepancies on the spot rather than have to wait until the umpires' notebooks were turned in at day's end. For the competitors, the real-time transmission of the reports meant that the winners were known within a few minutes of the end of the race. Prior to the ham participation, results often were not determined until two or three days after the regatta.

MMRA operators, in addition to N1BHI, were KB1EB, KB1FZ, KZ1W, N1BRM, N1CRC, N1DDW, N1DLN, W1UVE, WB1DQB, and WB2DCL. Other ops were KA1IG, KA1MIU, KB1PE, N1DUC, N1EB, N1EDU, and WA1QDY.

One interesting note about N1EDU, Dave. He is from New Hampshire, and came to the race as a spectator. He happened to see one of the hams on station, volunteered to help if needed, and was immediately put into service along the race course. The message for all of us, to paraphrase a well-known commercial, might be, "The handy talkie -- don't leave home without it."

"30" John Antes, KB1EB

### PACKET RADIO

Packet radio is being increasingly used as a method of communication on the ham bands. If you are unaware of this just listen on 145.01, it's just a continual roar in the evening.

To indicate the magnitude of frequency occupation that packet associations are looking at, the following was contained in the Dec 19, 1986 issue of The AARL Packet-Radio Newsletter "Gateway":

### NEW YORK FREQUENCY PLAN

These frequencies have been recommended by the New York State Packet Federation (NYSPF) for use for packet radio operation. All frequencies are in MHz. [Publication of this recommendation does not imply approval by the ARRL or Gateway.]

#### 6 Meters:

- 51.910 - National packet calling, linking, and DX frequency
- 51.930 - Packet LAN/linking
- 51.950 - Packet LAN/linking
- 51.970 - Packet LAN/linking
- 51.990 - Packet LAN/linking

#### 2 Meters:

- 144.970 - Station-to-station file transfers and digital experiments (no digipeaters or BBS's)
- 144.990 - Station-to-station file transfers and digital experiments (no digipeaters or BBS's)
- 145.010 - National packet calling and DX frequency. In the future, use of this frequency for local BBS access, file transfers and QSOs will be discouraged in high-traffic areas where alternate (LAN) paths are available.
- 145.030 - Local area networks
- 145.050 - Local area networks
- 145.070 - Local area networks
- 145.090 - Local area networks
- 145.510 to 145.590 (20 KHz channels)\* - Alternate LAN frequencies for high traffic areas or dual-frequency systems

#### 1-1/4 Meters:

- No formal recommendation is being made at this time, but the following frequencies are in use in some areas
- 220.550 - Experimental point-to-point linking
- 221.010 - Backbone digipeater linking (9600 bauds)
- 221.110 - Backbone digipeater linking (9600 bauds)

3/4 Meters and above\*:

446.800 - LANs and linking(all uses)  
 446.825 - " " " " "  
 446.850 - " " " " "  
 446.875 - " " " " "  
 446.900 - National packet calling  
 and DX frequency

\* Tentative recommendation

Your comments and suggestions are  
 welcome. Address them to Phil Bradley  
 chairman NYSPF, KB2HQ @ N2AYY

From Dan Whelan, WB2WHD

## CONTROL OPERATORS

MARLBORO 01/61 Trustee Andy Morrison  
 N1BHI

N1DEA Jim Henderson  
 KA1MDG John Corini  
 KA1CLX Scott Bullock

MARLBORO 440 Trustee Scott Bullock  
 KA1CLX

QUINCY 07/67 Trustee Joe Devin  
 W1MWF

WA1UVR John Morrison  
 K1CG George Manning  
 K1LWI Wen Boyden  
 W1DWI Francis Molloy

QUINCY 220 Trustee Tom Holmes  
 WA1ZID

W1ZOC Arther Toneatti  
 W1MWF Joe Devin

STONEHAM 115/715 Trustee  
 Peter Bongiorno NC1U

KA1JMF John Morley  
 N1AOJ Pat Tauro

WESTON 22/82 Trustee Al Kunian  
 KA1AL

K1GOI Gerry Horne  
 W1JDO Frank Hillbrunner  
 N1CRC Rich Mullen  
 W1IBF Bob Ling  
 N1CKA Paul Desorcy  
 WA1DXI Paul Planchet

NEW HAMPSHIRE'S LARGEST INDOOR

# FLEA MARKET

sponsored

BY THE (6.85)

INTERSTATE REPEATER SOCIETY

MARCH 14th, 1987 8:00 a.m. to 4:00 p.m.

at the

LION'S CLUB - Lion's Avenue

NO SALES TAX

HUDSON, NH

(MAP)  
OTHER SIDE

ADMISSION: \$1.00 Door Prize AEA PK-232 Terminal

RAFFLES:

Popular VCR-

CUSHCRAFT  
Multi-Band Vertical-

ICOM 3AT-

Tables: \$8.00

Contact: Bill-WBIANG at (603) 883-9441  
Bernie-KIWPT at (603) 623-0628

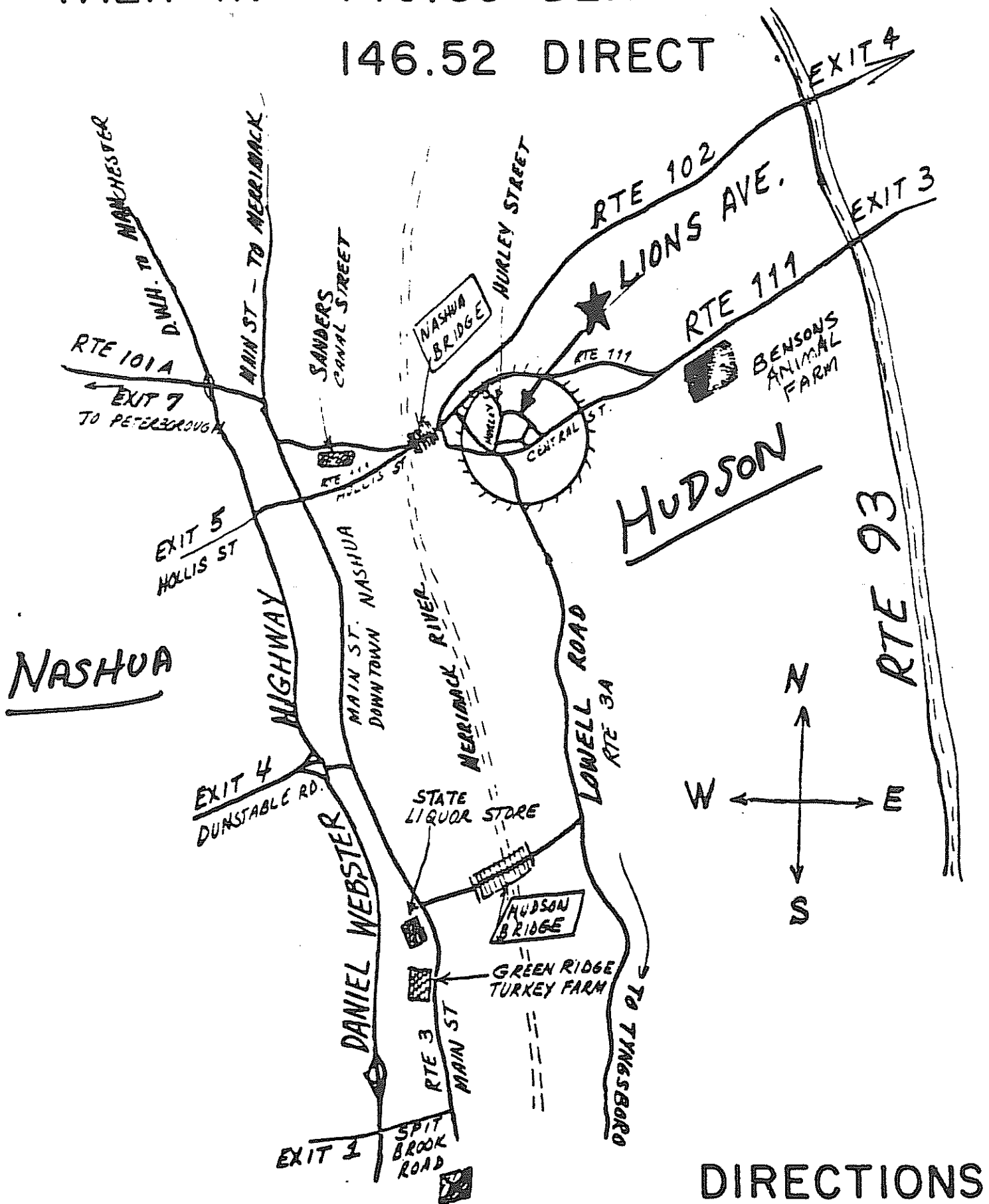
or write to  
I.R.S.  
P.O. Box 693  
Derry, N.H. 03038

Exams same day by NASHUA R.C.

Contact: Judy Gauthier-KA1GOW  
9 Chiswick Rd.  
Hudson N.H. 03051  
(603) 882-9065

OVER FOR DIRECTIONS

TALK - IN 146.85 DERRY  
146.52 DIRECT



DIRECTIONS

### FLEA MARKET

The South Shore Amateur Radio Club of Braintree, MA will again hold its annual indoor flea market on Sunday, April 12, 1987 at the Viking Club, 410 Quincy Avenue, Braintree, MA from 11am to 4pm. There will be eight-foot (8'), tables available for \$10.00 each (which includes 1 free admission per table), only if paid for in advance before April 9 by sending the appropriate amount to Ed Doherty W1MPT, 236 Wildwood Avenue, Braintree, MA 02184. Tables will cost \$12.00 on the day of the sale. (No guarantee of table space unless paid for in advance). Checks should be made payable to the South Shore Amateur Radio Club. Confirmation of check receipt will be sent. No cancellation refund after April 9. The Viking Club will open to vendors at 9:00am. Doors open to the public at 11am with an entrance fee of \$1.00 which includes 1 chance toward the door prize. Additional chances may be purchased 3 for \$1.00. Winners do not have to present to win. Plenty of free parking. We'll run, rain or shine! Don't be disappointed; first come, first served. Questions? Call (617) 843-4431 (Ed, W1MPT), evenings.

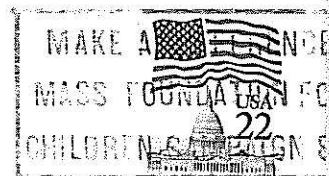
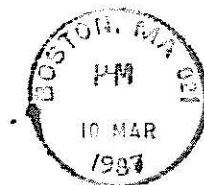
Kris Johnson K1WQ

Secretary S.S.A.R.C.



# MMRA

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**FIRST CLASS MAIL**