



# The Minuteman



Volume 14 Number 2

The OFFICIAL NEWSLETTER of the  
MINUTEMAN REPEATER ASSOCIATION

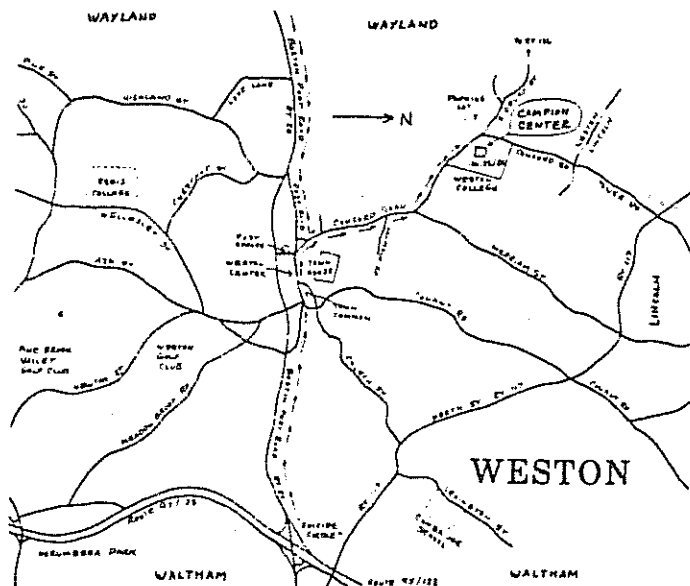
November 1985

## MEMBERSHIP MEETING

DATE Tuesday, November 19, 1985  
PLACE Campion Center, Weston, MA  
TIME 7:30 pm. Doors open at 7:00 for socializing.  
SPEAKER George Preston, K1YJD.  
"Major Fires North of Boston"

In addition to being the official arson photographer for the Beverly Fire Department, George has spectacular pictures of most of the big fires of the past 25 years. This will be a very interesting presentation, and is accompanied by some fascinating facts and stories.

RAFFLE Several useful and interesting prizes. Try your luck!  
REFRESHMENTS Free coffee and doughnuts.



## PRESIDENT'S CORNER

### DUES DUES DUES DUES DUES

Now that we are all in step and our membership (except last year's new members) expires on September 30 we are planning to issue a complete membership roster to each paid up member. You have until December 1, 1985 (a 60 day grace period) to pay up and have your information included.

### VOLUNTEERS NEEDED

Nominating Committee - In spite of our request in last month's letter, there has been no volunteers. Would you be willing to devote a few hours of your time to this important function? Please call W1HXF at 944-1020.

### SOCIAL ACTIVITIES

Seven MMRA members and three XYLs showed up for the supper social at the Chateau in Waltham on Monday, (October 21, 1985) at 6:00 PM. A nice meal and eyeball was had by all.

The next event will be our first holiday get-together at the Campion Center on Friday, December 6, 1985 from 7 to 10 in the evening. The program will consist of a wine and cheese tasting, a yankee swap, and a raffle. The raffle tickets, \$1.00 each, will be available at the door. The prize will be a bottle of exquisite wine. Tickets for the yankee swap will be available at the door with one ticket for each item you present for the swap. A limit of \$5.00 is suggested for any item.

Please advise your control op on how many will be attending with you. We need an approximate count for planning purposes.

73's

W1HXF, President

## REPORT OF TECHNICAL DIRECTOR

The work party scheduled for the troubleshooting of the 146.82/22 repeater and link was postponed because of the hurricane. It took place on November 2 at the Laboratory of K1IJZ, Bill Wade. Present were KA1AL, N1BHT, K1GOI, K1IJZ, and WA1QMI. The receiver yielded an etch failure, a bad IF can, some poor solder connections, and a bad power transistor which is on order.

The finals were replaced on 22/82 with K1IJZ at the helm. His helpers were KA1AL, W1HXF, WA1QMI, and W1HWF.

The 220 MHZ repeater at Quincy is being aligned and repaired by Gary, WA1QMI. The receiver proved to be very sensitive and only needed minor alignment. A replacement final for the transmitter is now on order.

Gary, N1BHI, has the new Magiore receiver for the Arlington link. He will prepare it for proper operation.

The 450 MHZ transmitter at Marlboro is not adequate for the environment and should be replaced. This unit is only two years old and would be perfect for a link transmitter.

The game plan is to keep our repeaters in top shape and perform rotational replacement as required. Our technical people are implementing this plan and, as you can see, they are not dedicated to any one repeater. At long last we have an MMRA technical group which is interested in the overall operation of our seven repeaters, in addition to the excellent technical persons and trustees for each repeater.

Finally, let me know if you are interested in completing a technical project headed by George Downs, W1CT. This project will give each repeater a small signal generator, attenuator, and meters. George no longer chairs this group, but a few people who enjoy soldering and assembly can easily complete it. Please contact me if you are interested.

KA1AL.  
Technical Director

## ORGANIZATION 1985-1986

### Board of Directors

#### President

Earle Benson W1HXF, 237 West Street, Reading, MA 01867 (H) 944-1020

#### Vice President

Dave Thornburg N1HR, 20 Hillcrest Drive, Hopkinton, MA 01748 (H) 435-6424

#### Secretary

Evelyn Benson KAIBBN, 237 West Street, Reading, MA 01867 (H) 944-1020

#### Treasurer

William Shaughnessy KB1DY, 76 Oak Hill Road, Westford, MA 01886 (W) 861-6600 x2364

#### Clerk

Robert Taylor W1RNJ, Box 886, Boxboro, MA 01719 (H) 263-7528

### Board Members

Gerald Horne K1GOI	Stow	(H) 897-7146
Alan Kunian KA1AL	Holliston	(H) 429-2906
Andy Morrison N1BHI	Marlboro	(H) 481-3878
Kati Morris K1ILQZ	Wakefield	(H) 245-3572

# SECRETARY'S REPORT

The MMRA is pleased to welcome the following new members:

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The MMRA is pleased to welcome the following new members

KALBCP	Larry	Acton	KALNIF	Kenneth	Woburn
KALBYF	Stephanie	Everett	KLNUN	Eric	Framingham
KALCEW	Rich	Lincoln	WALPDY	George	Milton
NIDCV	Harry	Sudbury	AEIQ	Don	Braintree
NIDOF	Joe	Winchester	WALRQP	Bob	Northboro
WIEGV	Jim	Franklin	NISE	Skip	Northboro
KBIGP	Joe	Billerica	KBITQ	Debby	Wakefield
WLJPK	Roger	Natick	WALTW	Craig	Marlboro
KALMKE	Bill	Needham	KLUKM	Dave	Franklin
KALMTC	Kathy	Templeton	ABIW	Bud	Needham
KALMTD	Stephen	Templeton	KZIW	Grant	Sudbury
WALMTL	Bill	Winchester	KBIS	Robert	Westwood
KALMWF	Charlie	Woburn	W9OFV	Bill	Norfolk



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KAIBBN, Secretary

## TREASURER'S REPORT

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PERIOD: 9/26/85 TO 10/25/85

EXPENSE		INCOME	
01-61	\$ 24.40	DUES	\$ 3590.00
115-715	53.93		
22-82	50.90		
450 Marlboro	25.39		
Meetings	250.00		
Total	404.62		

PERIOD: Year to date 5/22/85 TO 10/25/85

01-61	146.66	ADVERTISING	20.00
07-67	302.64	DUES	5496.66
115-715	283.90	RAFFLE	93.00
22-82	951.84		
450 Marlboro	102.16		
Secretary	229.85		
Treasurer	8.80		
Newsletter	65.11		
Meetings	274.90		
Totals	\$2365.86		\$5609.66

BALANCE AS OF 5/21/85	\$ 4828.21
TOTAL INCOME	5609.66
BALANCE	10437.87
EXPENSE	2365.86
BALANCE AS OF 10/28/85	\$ 8072.01

KBIDY, Treasurer

### AUTOPATCH INFORMATION

#### HOW TO USE THE AUTOPATCH

1. Check to be certain that the frequency is clear. Autopatches, except for emergencies, DO NOT take precedence over any normal traffic.
2. Announce your intention 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.
10. Immediately after clearing the patch, press your mike button and indicate that you are clear, "WIABC clear of the patch."

THE MINUTEMAN REPEATER ASSOCIATION  
11/11/85

MINUTEMAN REPEATER ASS'N  
P.O. Box 2252  
Lexington, Mass. 02173

