



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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TUFTS UNIVERSITY  
BALLOU HALL - 3RD FLOOR  
ATTN: OFFICE OF UNIVERSITY COUNSEL  
MEDFORD MA 02155

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George H. Gwinn  
Supervisory Engineer  
Audio Division  
Media Bureau

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Facility Id: 68320

Call Sign: WMFO

License File Number: BMLED-20050809ACP

Grant Date: August 19, 2005

This license expires 3:00 a.m.  
local time, April 01, 2006.

This license modifies license no.: BLED-19820928AO

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Name of Licensee: TUFTS UNIVERSITY

Station Location: MA-MEDFORD

Frequency (MHz): 91.5

Channel: 218

Class: A

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: .053 kW

Antenna type: Directional

Description: KAT K53 32 18768

Antenna Coordinates: North Latitude: 42 deg 24 min 27 sec  
West Longitude: 71 deg 07 min 15 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	.125	.125
Height of radiation center above ground (Meters):	26	26
Height of radiation center above mean sea level (Meters):	70	70
Height of radiation center above average terrain (Meters):	41	41
Antenna structure registration number:	Not Required	

Special operating conditions or restrictions:

- The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by construction permit BPED-19791228AZ.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power (ERP):

0.125 kilowatt.

Principal minima and their associated ERP limits:

- 010 degrees True: 8.45 watts
- 170 degrees True: 8.45 watts
- 270 degrees True: 1.51 watts.

Special operating conditions or restrictions:

- 2 The licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

\*\*\* END OF AUTHORIZATION \*\*\*