



FEDERAL COMMUNICATIONS COMMISSION

FM BROADCAST STATION LICENSE

Official Mailing Address:

EMERSON COLLEGE
100 BEACON STREET
BOSTON, MA 02116

Authorizing Official:

Dale E. Bickel
Supervisory Engineer, FM Branch
Audio Services Division
Mass Media Bureau

Grant Date: 15 OCT 1991

This license expires 3:00 am.
local time: April 01, 1998

Call sign: WERS

License File No.: BLED-900706KB

This license covers Permit No.: 890609IA

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:

EMERSON COLLEGE

Station Location:

MA-BOSTON

Frequency (MHz): 88.9

Channel: 205

Class: B1

Hours of Operation: Unlimited

Main Studio Address:

MA-126 BEACON STREET, BOSTON, MA

Transmitter location (address or description):

ONE FINANCIAL CENTER, BOSTON, SUFFOLK COUNTY, MASSACHUSETTS

Remote control point address:

MA-126 BEACON STREET, BOSTON, MA

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

Transmitter output power (kW): 3.3

Antenna type: (directional or non-directional): Non-directional

Desc: SHIVELY LABS 6813-4R-SS, 4 BAYS, CIRCULARLY POLARIZED, SHORT
SPACED ANTENNA SIDE-MOUNTED ON GUYED MAST ATOP OFFICE BLDG.Antenna coordinates: North Latitude: 42 21 8.0
West Longitude: 71 03 25.0

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the horizontal plane (kW) :	4.0	4.0
Height of radiation center above ground (meters) :	198.0	198.0
Height of radiation center above mean sea level (meters) :	203.0	203.0
Height of radiation center above average terrain (meters) :	186.0	186.0

Overall height of antenna structure above ground (including obstruction lighting, if any) : 208.0 meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

Paragraph 3.0, FCC Form 715 (March 1978):

There shall be installed at the top of the structure one 300 m/m electric code beacon equipped with two 620- or 700-watt lamps (PS-40, Code Beacon type), both lamps to burn simultaneously, and equipped with aviation red color filters. Where a rod or other construction of not more than 20 feet in height and incapable of supporting this beacon is mounted on top of the structure and it is determined that this additional construction does not permit unobstructed visibility of the code beacon from aircraft at any normal angle of approach, there shall be installed two such beacons positioned so as to insure unobstructed visibility of at least one of the beacons from aircraft at any normal angle of approach. The beacons shall be equipped with a flashing mechanism producing not more than 40 flashes per minute nor less than 12 flashes per minute with a period of darkness equal to approximately one-half of the luminous period.

Paragraph 21.0, FCC Form 715 (March 1978):

All lighting shall burn continuously or shall be controlled by a light sensitive device adjusted so that the lights will be turned on at a north sky light intensity level of about 35 foot candles and turned off at a north sky light intensity level of about 58 foot candles.

Paragraph A, FCC Form 715-A (Nov. 1983):

There shall be installed at the top of the antenna structure a white capacitor discharge omnidirectional light which conforms to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. This light shall be mounted on the highest point of the structure. If the antenna or other appurtenance at its highest point is incapable of supporting the omnidirectional light, one or more such lights shall be installed on a suitable adjacent support with the lights mounted not more than 20 feet below the tip of the appurtenance. The lights shall be positioned so as to permit unobstructed viewing of at least one light from aircraft at any normal angle of approach. The light unit(s) shall emit a beam with a peak intensity around its periphery of approximately 20,000 candelas during daytime and twilight, and approximately 4,000 candelas at night.

Paragraph H, FCC Form 715-A (Nov. 1983):

All lights shall be synchronized to flash simultaneously at 40 pulses per minute. The light system shall be equipped with a light sensitive control device which shall face the north sky and cause the intensity steps to change automatically when the north sky illumination on a vertical surface is as follows:

1. Day to Twilight: Shall not occur before the illumination drops to 60 footcandles, but shall occur before it drops to 30 footcandles.
2. Twilight to Night: Shall not occur before the illumination drops to 5 footcandles, but shall occur before it drops to 2 footcandles.
3. Night to Day: The intensity changes listed in 1. and 2. above shall be reversed in transitioning from the night to day modes.

OBSTRUCTION MARKING AND LIGHTING REQUIRED:

PARAGRAPHS 3,21 OF FCC FORM 715 (NIGHT) AND

PARAGRAPHS A*,H OF FCC FORM 715A (DAY) -- DUAL LIGHTING.

* MODIFIED TO REQUIRE USE OF FAA SPECIFICATION L-865 --
MEDIUM INTENSITY LIGHTS POSITIONED AT THE TOP AND MID-
LEVELS OF THE STRUCTURE -- IN LIEU OF L-856.