



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

FAIRLEIGH DICKINSON UNIVERSITY
1000 RIVER ROAD
TEANECK NJ 07666

Rodolfo F. Bonacci
Assistant Chief
Audio Division
Media Bureau

Facility Id: 20458

Call Sign: WFDU

License File Number: BLED-20151103AYC

Grant Date: November 10, 2015

This license expires 3:00 a.m.
local time, June 01, 2022.

This license covers permit no.: BPED-20141125APF,
as modified by permit no.: BMPED-20150901AAZ

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: FAIRLEIGH DICKINSON UNIVERSITY

Station Location: NJ-TEANECK

Frequency (MHz): 89.1

Channel: 206

Class: B1

Hours of Operation: Unlimited

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

Transmitter output power: 1.70 kW

Antenna type: Directional

Description: PSI FML-2C-50WS-H-DA, 2 bays, .5 wavelength spaced

Antenna Coordinates: North Latitude: 40 deg 57 min 39 sec

West Longitude: 73 deg 55 min 23 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	3.00	3.00
Height of radiation center above ground (Meters):	77	77
Height of radiation center above mean sea level (Meters):	236	236
Height of radiation center above average terrain (Meters):	195	195

Antenna structure registration number: 1048672

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 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 BMPED-20150901AAZ.

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

. 3.0 kilowatts (H&V) .

Principal minima and their associated field strength limits:

30 degrees True: 0.3 kilowatts

Special operating conditions or restrictions:

- 2 The grant of this application is conditioned on the applicant's agreement to accept any interference caused by any use by the United Nations of its allocation on Channel 206 in New York, New York with maximum facilities of 20 kilowatts and 150 meters antenna height above average terrain or equivalent, and to take whatever steps are necessary to eliminate any interference caused by the permittee/licensee to such use of the United Nations Channel 206 allocation, including termination of operation, if necessary.
- 3 Grant of this license application is conditioned on the continuous operation of the licensed facility for the twelve-month period following grant. The failure of the facility to so operate will result in the rescission of this grant, dismissal of the license application and the forfeiture of the associated construction permit pursuant to 47 C.F.R. § 73.3598(c) unless the licensee rebuts the presumption that the authorized facilities were temporarily constructed.
- 4 The permittee/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 ***