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FEDERAL COMMUNICATIONS COMMISSION

FM BROADCAST STATION LICENSE

Official Mailing Address:

CARNEGIE-MELLON STUDENT GOVT. CORP.  
5020 FORBES AVENUE  
PITTSBURGH, PA 15213

Authorizing Official:

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

Grant Date: 21 MAR 1994

Call sign: WRCT

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

License File No.: BLED-931202KB

This license covers Permit No.: 891108MA

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:

CARNEGIE-MELLON STUDENT GOVERNMENT CORPORATION

Station Location:

PA-PITTSBURGH

Call sign: WRCT

License No.: BLED-931202KB

Frequency (MHz): 88.3

Channel: 202

Class: A

Hours of Operation: Unlimited

Main Studio Address:

PA-5020 FORBES AVENUE, PITTSBURGH

Transmitter location (address or description):

ON THE ROOF OF 5000 FORBES AVENUE, PITTSBURGH, ALLEGHENY COUNTY, PENNSYLVANIA.

Remote control point address:

PA-5020 FORBES AVENUE, PITTSBURGH

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

Transmitter output power (kW): .800

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

Desc: Jampro JMPC-3R-RFR(DA), 3 sections, circularly polarized

Antenna coordinates: North Latitude: 40 26 39.0  
West Longitude: 79 56 37.0

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the horizontal plane (kW) . . . . . :	1.75	1.75
Height of radiation center above ground (meters) . . . . . :	36.0	36.0
Height of radiation center above mean sea level (meters) . . . . . :	324.0	324.0
Height of radiation center above average terrain (meters) . . . . . :	22.0	22.0

Overall height of antenna structure above ground (including obstruction lighting, if any) . . . . . : 41.0 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.

None Required

Special operating conditions or restrictions:

1. The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency radiation in excess of FCC guidelines.

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-891108MA.

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A relative field strength of 1.0 on the composite radiation pattern authorized in BPED-891108MA corresponds to the following effective radiated power:

1.75 kilowatts

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Principal minima and their associated field strength limits:

- 50-70 degrees True: 0.74 kilowatts
- 85-100 degrees True: 0.67 kilowatts