



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

BEASLEY MEDIA GROUP LICENSES, LLC
 3033 RIVIERA DRIVE
 SUITE 200
 NAPLES FL 34103

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 60695

Call Sign: WRCA

Permit File Number: BMP-20020926ACN

Grant Date: December 26, 2002

The authority granted herein has no effect on the expiration date of the underlying construction permit.

Permit to modify BMJP-20001023AEH by adding 5 towers, increasing daytime power, and changing antenna patterns.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
 Local Standard Time (Non-Advanced)

Jan.	7:15 AM	4:30 PM	Jul.	4:15 AM	7:15 PM
Feb.	6:45 AM	5:15 PM	Aug.	4:45 AM	6:45 PM
Mar.	6:00 AM	5:45 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:00 AM	6:30 PM	Oct.	6:00 AM	5:00 PM
May	4:30 AM	7:00 PM	Nov.	6:30 AM	4:30 PM
Jun	4:00 AM	7:30 PM	Dec	7:00 AM	4:15 PM

Name of Permittee: BEASLEY MEDIA GROUP LICENSES, LLC

Station Location: WATERTOWN, MA

Frequency (kHz): 1330

Station Class: B

Antenna Coordinates:

Day

Latitude: N 42 Deg 17 Min 20 Sec
Longitude: W 71 Deg 11 Min 21 Sec

Night

Latitude: N 42 Deg 17 Min 20 Sec
Longitude: W 71 Deg 11 Min 21 Sec

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

Nominal Power (kW): Day: 25.0 Night: 17.0

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Antenna Registration Number(s):

Day:

Table with 3 columns: Tower No., ASRN, and a numerical value (60.3). Rows 1-5 show Tower No. 1-5, ASRN None, and value 60.3.

Night:

Table with 3 columns: Tower No., ASRN, and a numerical value (60.3). Rows 1-4 show Tower No. 1-4, ASRN None, and value 60.3.

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1502.1 Night: 1343.6

Standard RMS (mV/m/km): Day: 1578.1 Night: 1411.5

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.4260	93.900	0.0000	0.000	0	94.9
2	1.0000	0.000	87.3000	70.000	0	94.9
3	0.4510	-97.900	167.3000	73.000	0	94.9
4	0.7130	73.800	154.5000	156.300	0	94.9
5	0.7760	-31.700	198.6000	128.100	0	94.9

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.4670	123.600	0.0000	0.000	0	94.9
2	1.0000	0.000	87.3000	70.000	0	94.9
3	0.6010	-117.200	167.3000	73.000	0	94.9
4	0.1150	-25.600	154.5000	156.300	0	94.9

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Inverse Distance Field Strength:

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Day:

Azimuth:	Radiation:	
156	68.53	mV/m
200	105.9	mV/m
284.5	102.82	mV/m

Night:

Azimuth:	Radiation:	
184	202.29	mV/m
234	51.14	mV/m
276	176.5	mV/m
326	174.72	mV/m

Special operating conditions or restrictions:

- 1 The permittee must submit a proof of performance as set forth in either Section 73.151(a) or 73.151(c) of the rules before program tests are authorized.
A proof of performance based on field strength measurements, per Section 73.151(a), shall include a complete nondirectional proof of performance, in addition to a complete proof on the (day) and (night) directional antenna system. The nondirectional and directional field strength measurements must be made under similar environmental conditions. The proof(s) of performance submitted to the Commission must contain all of the data specified in Section 73.186 of the rules.
Permittees who elect to submit a moment method proof of performance, as set forth in Section 73.151(c), must use series-fed radiators. In addition, the sampling system must be constructed as described in Section 73.151(c) (2) (i).
- 2 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.

Special operating conditions or restrictions:

- 3 Prior to construction of the tower authorized herein, permittee shall notify AM stations WKOX (1200 kHz, Newton MA DA2) and WUNR (1600 kHz, Brookline, MA) so that, if necessary that AM station: may determine operating power by a method described in Section 73.51(a)(1) or (d), and/or request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station. Both prior to construction of the tower and subsequent to the installation of all appurtenances thereon, a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM arrays of both stations have not been adversely affected and prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission.
- 4 Before program tests are authorized, sufficient data shall be submitted to show that adequate filters, traps and other equipment has been installed and adjusted to prevent interaction, intermodulation and/or generation of spurious radiation products which may be caused by common usage of the same antenna system by Stations WRCA, WKOX, and WUNR and there shall be filed with the license application copies of a firm agreement entered into by the three stations involved clearly fixing the responsibility of each with regard to the installation and maintenance of such equipment. In addition, field observations shall be made to determine whether spurious emissions exist and any objectionable problems resulting therefrom shall be eliminated. Following construction, and prior to authorization of program test under this grant, WKOX and WUNR shall each measure antenna or common point resistance and submit FCC Form 302 as application notifying the return to direct measurement of power (along with the required partial proofs mentioned in the previous condition).
- 5 Before program tests are authorized, permittee shall dismantle the two existing 350 foot WRCA towers, as stated in the application, or all marking and lighting specifications must be maintained.
- 6 The licensee will be responsible for resolving all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.

*** END OF AUTHORIZATION ***