



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

Authorizing Official:

Official Mailing Address:

RELEVANT RADIO, INC.
1496 BELLEVUE STREET
SUITE 202
GREEN BAY WI 54307

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 8681

Call Sign: WQOF

Permit File Number: BP-20110223ACB

Grant Date: December 07, 2011

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Construction permit to increase daytime power with a new directional
antenna system.

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

Callsign: WQOF

Permit No.: BP-20110223ACB

Name of Permittee: RELEVANT RADIO, INC.

Station Location: WASHINGTON, DC

Frequency (kHz): 1260

Station Class: B

Antenna Coordinates:

Day

Latitude: N 38 Deg 59 Min 59 Sec

Longitude: W 77 Deg 03 Min 27 Sec

Night

Latitude: N 38 Deg 59 Min 59 Sec

Longitude: W 77 Deg 03 Min 27 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: 5.0

Antenna Mode: Day: DA Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1042695	
2	1042696	

Night:

Tower No.	ASRN	Overall Height (m)
1	1042694	
2	1042695	
3	1042696	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1639.1 Night: 741.1

Standard RMS (mV/m/km): Day: 1721.4

Augmented RMS (mV/m/km): Night: 779.7

Q Factor: Day: Night: 35.1

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	90.0
2	0.6050	-185.000	160.0000	145.000	0	90.0

* 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	1.0000	4.000	10.0000	165.500	0	90.0
2	0.5550	151.300	80.0000	325.000	0	90.0
3	0.5550	-151.300	80.0000	145.000	0	90.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	15.0	62.0	118.00
2	15.0	25.0	195.00
3	52.0	12.0	60.00
4	280.0	10.0	61.20

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:
57	542.5 mV/m
233	542.5 mV/m

Night:

Azimuth:	Radiation:
52	60 mV/m
198	876.7 mV/m
280	61.2 mV/m
325	368.1 mV/m

Special operating conditions or restrictions:

- 1 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.
- 2 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 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).
- 3 Existing ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 59.7 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.
- 4 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:

- 5 A partial proof of performance on the night directional antenna system made in accordance with section 73.154(a) of the Rules shall be submitted before program tests are authorized.
- 6 Antenna System Description: The existing antenna system consists of three towers. The existing center tower is a skirted, guyed tower with the top portion detuned to achieve a 90 degree tall tower. The north and south towers are tapered self-supporting towers, 90 degrees in height.
- 7 The tall center tower supports the main and auxiliary antennas for WWDC(FM) .
- 8 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.
- 9 Prior to program test authority, the license of WNWK(AM), Newark, Delaware (Facility ID Number: 2646) must be cancelled, and WKDL(AM), Warrenton, Virginia, (Facility ID Number: 53368) must operate under program test authority with the facility authorized by Construction Permit BP-20110223ABY.

*** END OF AUTHORIZATION ***