

ENGINEERING STATEMENT
IN SUPPORT OF A MINOR CHANGE APPLICATION
TO INCREASE DAYTIME POWER
WDEL, WILMINGTON, DELAWARE
1150 kHz 10 D/5 N KW DA-2
SEPTEMBER 2007

This engineering statement and associated exhibits have been prepared on behalf of Delmarva Broadcasting Company, (“DBC”) licensee of AM radio station WDEL, Wilmington, Delaware and is in support of a minor change application to increase the daytime power to 10 kW.

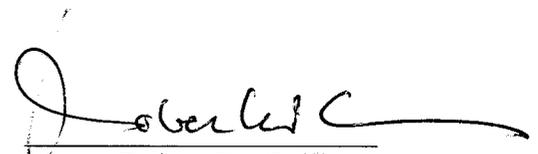
At present WDEL operates on 1150 kHz unlimited time with 5 kW power during day and night. WDEL utilizes a four tower directional antenna for the unlimited operation with different constants for the day and night operations.

WDEL is now proposing to increase its daytime power at the current licensed daytime site for operation on 1150 kHz with 10 kW using a three-tower directional antenna system. No change in the nighttime operation is proposed.

The proposed WDEL facility fully complies with the Commission’s rules by protecting existing stations and earlier filed applications. WDEL also complies with principal city coverage requirements during daytime. The attached Exhibits 2-6 and 18 and 20 demonstrate full compliance of the Commission’s rules.

Under penalty of perjury the undersigned states that the foregoing statement has been prepared by him and that the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts, he believes them to be true.

28 September 2007



Robert W. Guill
Technical Consultant

EXHIBIT 11
BROADCAST FACILITY
WDEL, WILMINGTON, DELAWARE
1150 kHz, 10 D/5 N kW DA-2
SEPTEMBER 2007

Section 73.24(e)

The proposed technical equipment, location of the transmitter and technical phases of operation will be according to the Commission's rules and requirements of good engineering practice.

Section 73.24(g)

The attached Figure 1 shows the present and proposed daytime WDEL 1 V/m contours. The estimated population within the computed proposed 1 V/m contour is 3,435 people based on the 2000 US Census Data. This represents 1.4% of the population within the proposed 25 mV/m contour (239,675 people). Based on the daytime and previous nighttime operations, it is believed that the proposed 10 kW operation would not result in any significant interference problems within the proposed blanketing area. However, should a problem occur, WDEL takes full responsibility to satisfy all reasonable complaints of blanketing interference within the proposed daytime 1 V/m contour.

WDEL will comply with the blanketing requirements in accordance with Section 73.88 and 73.318 (b) and (d) of the Commission's Rules. The remedial steps may include installation of filters, traps or receiver replacement in accordance with Section 73.88. The proposed 10 kW daytime operation of WDEL will better serve the Wilmington area and reduce daytime interference to other stations. Accordingly, it is believed that the requested 1.4% population figure within the blanketing contour is in the public interest.

Section 73.33

The proposed WDEL operation on 1150 kHz would be from its licensed daytime site. The details of the directional daytime antenna system are provided in Exhibit 19.

Station WDEL will provide a complete directional antenna proof-of-performance with its application for license.

Section 73.45

The efficiency of the proposed daytime directional antenna system is greater than 282 mV/m at one kilometer for 1 kW. The proposed station will utilize the present licensed site which was built according to the good engineering practices and achieved the antenna efficiency.

Section 73.150

The details of the proposed 10 kW directional daytime antenna system are provided in Exhibit 19.

Section 73.152

Not applicable

Section 73.160

Not applicable

Section 73.182(a)-(i)

Not applicable

Section 73.186

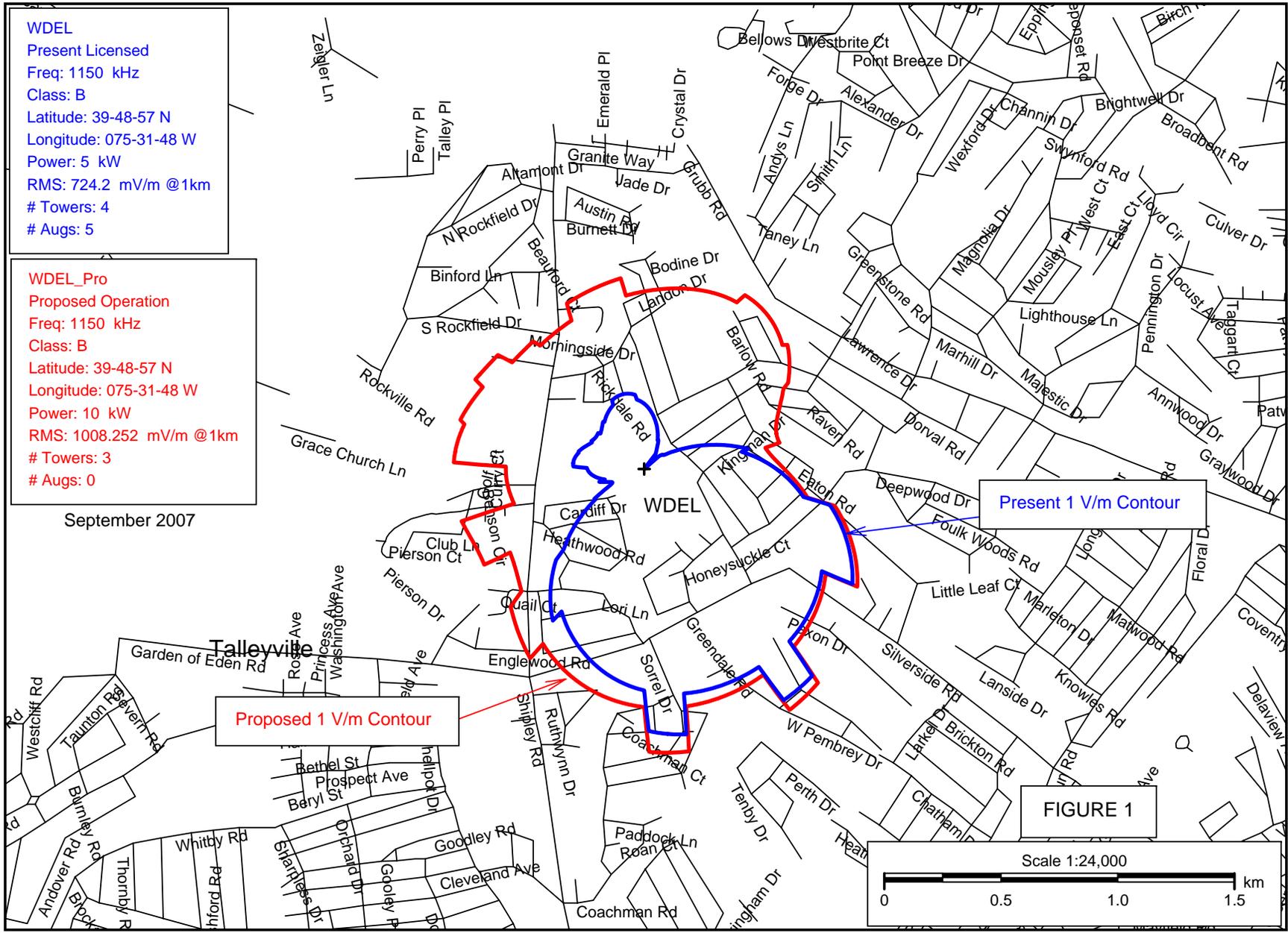
Not applicable

Section 73.189

The proposed daytime directional antenna system complies with the minimum efficiency requirement for 10 kW power.

Section 73.1650

The proposed WDEL operation on 1150 kHz would be in compliance of all International agreements.



WDEL
 Present Licensed
 Freq: 1150 kHz
 Class: B
 Latitude: 39-48-57 N
 Longitude: 075-31-48 W
 Power: 5 kW
 RMS: 724.2 mV/m @1km
 # Towers: 4
 # Augs: 5

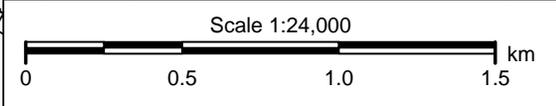
WDEL_Pro
 Proposed Operation
 Freq: 1150 kHz
 Class: B
 Latitude: 39-48-57 N
 Longitude: 075-31-48 W
 Power: 10 kW
 RMS: 1008.252 mV/m @1km
 # Towers: 3
 # Augs: 0

September 2007

Present 1 V/m Contour

Proposed 1 V/m Contour

FIGURE 1



COMPUTED 1 V/m CONTOURS FOR THE PRESENT 5 kW AND PROPOSED 10 kW DAYTIME OPERATIONS OF WDEL, WILMINGTON, DE