TECHNICAL EXHIBIT
APPLICATION FOR DIGITAL AUXILIARY OPERATION
STATION WNOL-TV (FACILITY ID 54280)
NEW ORLEANS, LOUISIANA
CH 15 600 KW (MAX-DA) 286 M

Technical Narrative

The technical exhibit of which this narrative is part was prepared in support of an application for an auxiliary antenna for DTV station WNOL-TV at New Orleans, Louisiana. WNOL-TV is proposing an auxiliary (stand-by) transmission facility located at its licensed transmitter site with a maximum effective radiated power of 600 kilowatts.

WNOL-DT will share the antenna system with WDSU(TV)'s (BXLCDT-20100514ADY) and WGNO(TV)'s auxiliary facility. An RFS antenna, model number RD32A-HP, is employed. WNOL-TV/WDSU(TV)/WGNO(TV) also share a common main antenna system.

Auxiliary Coverage Operation Compliance

Figure 1, attached, is a map that demonstrates that the Noise-Limited (41 dBu) contour of the auxiliary facility is almost fully encompassed within the Noise-Limited (41 dBu) contour of the currently licensed main facility. However, there are two areas where the proposed auxiliary contour extends that of the main station, one area in Plaquemines Parish and the other along the Mississippi Gulf Coast. The population within these areas where the auxiliary contour exceeds that of the main contour is 451 persons (2010 Census) over a land area of 74 square kilometers. The

proposed auxiliary facility has a population of 1,448,685 persons within its noise-limited coverage contour over a land area of 15,320 square kilometers. This proposed extension is less than 1 percent of the WNOL-TV's auxiliary contour service area and population.

It is noted that the co-located WDSU(TV) auxiliary facility has been already authorized with similar degree of contour extension (see BXPCDT-20100211AAP) for this exact same scenario.

Radiofrequency Electromagnetic Field Considerations

The proposed WNOL-TV antenna is side-mounted on the existing structure. The proposed facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the proposed DTV antenna is located 251 meters (822 feet) above ground level. The maximum DTV ERP is 600 kW (horizontal polarization). A "worst-case" vertical plane relative field value of 0.25 is presumed for the antenna's downward radiation. The calculated power density at a point 2 meters above ground level is 0.02 mW/cm^2. This is 6% of the FCC's recommended limit of 0.32 mW/cm^2 for channel 15 for an "uncontrolled" environment.

Access to the transmitting site is restricted and appropriately marked with RFR warning signs. Furthermore, as this is a multi-user site, an agreement will be in effect with the other stations in the event that workers or other authorized personnel enter the restricted area or climb the tower to ensure that appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure.

Finally, it is noted that this technical exhibit only addresses the potential for radio frequency electromagnetic field exposure. All other aspects of the environmental processing will be or already has been completed by the tower owner.

Charles A. Cooper

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
(941) 329-6000
CHARLES@DLR.COM

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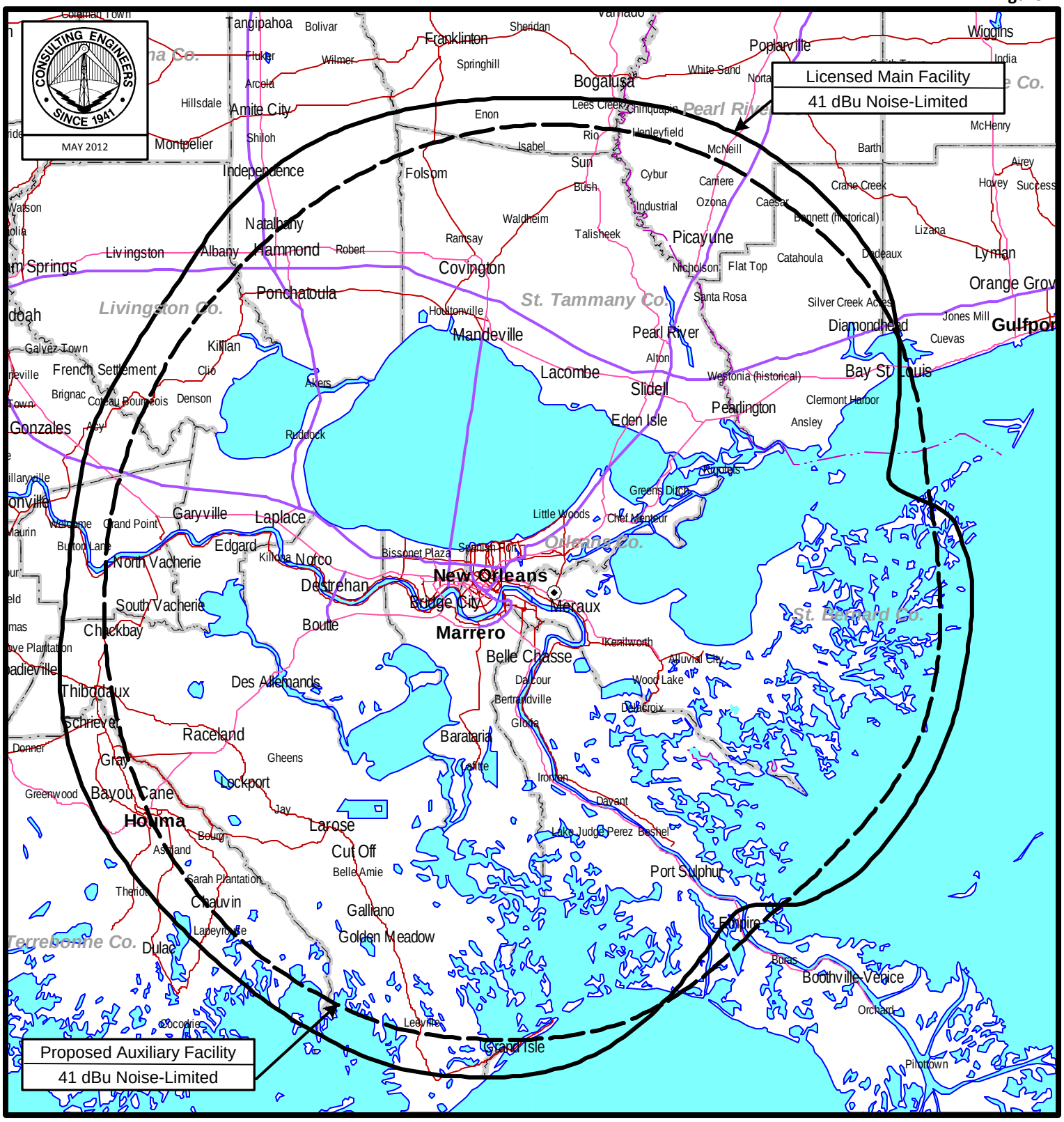
Figure 1



PREDICTED COVERAGE CONTOURS

AUXILIARY FACILITY WNOL-TV

NEW ORLEANS, LOUISIANA

CH 15 600 KW (MAX-DA) 286 M

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APPENDIX

TRANSMITTING ANTENNA SPECIFICATIONS

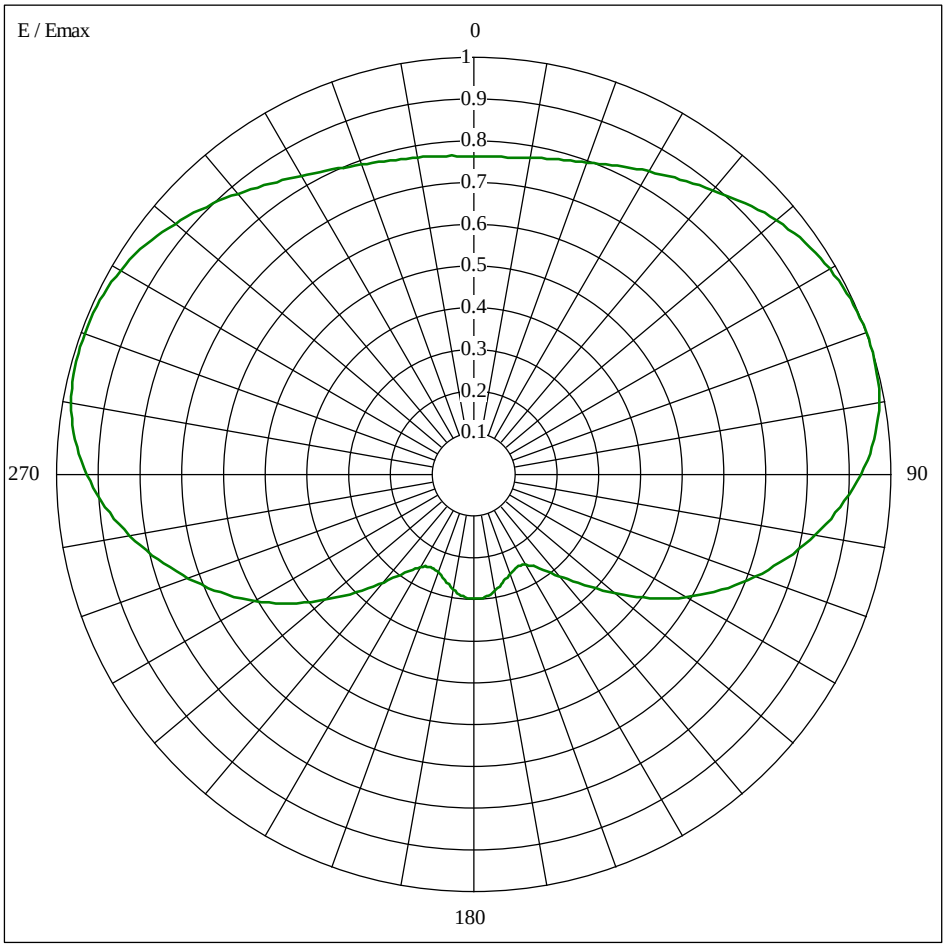

Figure B-1 Antenna RD32A, Azimuth Pattern for Ch 15 (476 to 482 MHz)

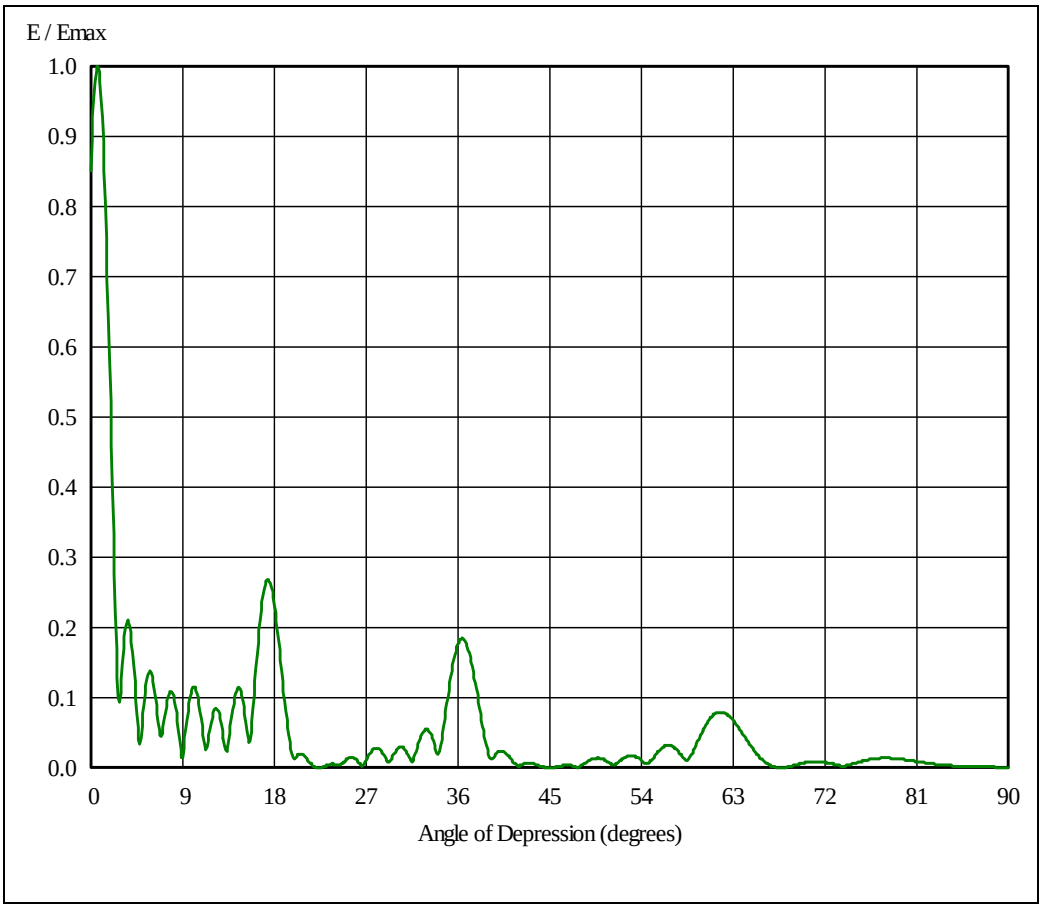

Figure B-5 Antenna RD32A, Vertical Pattern for Ch 15 (476 to 482 MHz)