

EXHIBIT E-2
DESCRIPTION AND SPECIFICATIONS FOR THE
PROPOSED DAYTIME DIRECTIONAL OPERATION
WLUX, ISLIP, NEW YORK
DECEMBER 2001

Number of Elements

Two

Type of Elements

1-steel tower-vertical, triangular, uniform, cross-section, guyed and insulated at the base.
1-skirt fed-vertical, triangular, tapered, self-supported ground tower.

Height of Elements

FCC Antenna Registration	Tower 1: 1006778	Tower 2: 1219580
Electrical Height	62.3 degrees	96.2 degrees

Orientation and Spacing

With Tower No. 1 (NW) as Reference Tower; Tower No. 2 is spaced 90 degrees (138.79 meters) at a bearing of N 165° E, true.

Field Ratio and Phasing

<u>Tower Number</u>	<u>Field Ratio</u>	<u>Relative Phase</u>
1	1.000	0.0°
2	1.656	130°

Ground System

15.2 x 15.2 meter ground screen about the base of each tower plus 120 equally spaced; buried copper radials extending to property boundary (see attached property plat, Exhibit E-2 of BMP-20000712AH).

Time of Use

Daytime

Method of Computation (Standard Pattern)

The computations are based on the method prescribed in Section 73.150 of the Rules and on the assumption of perfectly conducting plane earth in the vicinity of the array and sinusoidal current distribution on the towers.