

AMEND BMPH-20010213AAZ
EAST CAROLINA RADIO OF
ELIZABETH CITY, INC.
WOBX-FM RADIO STATION
CH 251C2 - 98.1 MHZ - 40.0 KW
MANTEO, NORTH CAROLINA
April 2001

TECHNICAL STATEMENT

This technical statement and the attached exhibit were prepared on behalf of East Carolina Radio of Elizabeth City, Inc. ("ECREC"), permittee of WOBX-FM, Channel 251C2, Manteo, North Carolina. ECREC has a pending application (BMPH-20010213AAZ) to modify its outstanding construction permit for WOBX-FM. ECREC herein proposes to amend that application by changing the proposed FM antenna manufacturer from Shively Laboratories to Jampro Antennas. There are no other changes proposed.

Exhibit A is an updated study demonstrating this proposal complies with the Commission's radio frequency radiation provisions. Because of the change in antenna manufacturer, the overall contribution of radio frequency radiation for uncontrolled areas will rise. However, the radio frequency radiation levels at the site are still below the level required by the Commission.

It is noted that the proposed WOBX-FM antenna system will be co-located with AM station WOBX. WOBX is a two tower directional AM station on 1530 kHz at Wanchese, North Carolina.¹ The tower on which the antenna is to be mounted is the taller of the two AM

1) The principals of ECREC are the licensee of WOBX.

structures. This tower is a shunt-fed tower utilizing a folded unipole. The installation of the FM antenna and line is not expected to impact the WOBX array, due to the use of the folded unipole. The WOBR-FM antenna, which was installed in the early 1980's, did not affect the AM array. Therefore, it is requested that the herein sought construction permit not be conditioned on pre- or post-construction measurement requirements with respect to WOBX.