

APPLICATION FOR MODIFICATION OF STATION LICENSE
APEX BROADCASTING, INC.
WXST RADIO STATION
CH 259C1 - 99.7 MHZ - 70.0 KW
HOLLYWOOD, SOUTH CAROLINA
September 2008

TECHNICAL STATEMENT

This Technical Statement was prepared on behalf of Apex Broadcasting, Inc. ("Apex"), licensee of radio station WXST, Channel 259C1, Hollywood, South Carolina. The WXST antenna system is shared by two other stations; WIHB, Channel 223C1, Moncks Corner, South Carolina and WAVF, Channel 269C1, Hanahan, South Carolina.¹ The antenna combiner for the three stations was recently replaced to accommodate the addition of WAVF to the system. As such, the insertion loss and gain for the system was changed. Therefore, Apex herein modifies its present license to update the technical parameters of the antenna system. There is no change in location, height above ground, mean sea level or height above average terrain. A calculation of the transmitter power output of the WXST transmitter is attached as Exhibit A.

As this is a license modification application, there are no specific conditions or restrictions to address. However, Apex herein notes that it will reduce the power of WXST or cease operation in coordination with other users of the tower to protect persons having access to the site from radiofrequency electromagnetic fields in excess of FCC guidelines. Further, as WXST shares an antenna system with two other stations, sufficient measurements have been

1) WAVF changed from Myrtle Beach, South Carolina to Hanahan, South Carolina and WAVF changed from Hanahan, South Carolina to Forestbrook, South Carolina. It is expected that the calls signs will be exchanged.

taken to show that no spurious emissions result due to the sharing of the antenna. Attached as Exhibit B is a report from Electronics Research, Inc. ("ERI") which shows that, with all stations operating into the shared antenna, WXST has no spurious emissions. Therefore, based on the foregoing, WXST is in compliance with §73.317 of the Commission's rules.