

**APPLICATION FOR MODIFICATION OF STATION LICENSE**  
**QANTUM OF CAPE COD LICENSE COMPANY, LLC**  
**WCOD-FM RADIO STATION**  
**CH 291B - 106.1 MHZ - 50.0 KW**  
**HYANNIS, MASSACHUSETTS**  
**June 2008**

**TECHNICAL STATEMENT**

This Technical Statement was prepared on behalf of Qantum of Cape Cod License Company, LLC. ("Qantum"), licensee of radio station WCOD-FM, Channel 291B, Hyannis, Massachusetts. Qantum recently learned that the coordinates of the tower on which the WCOD-FM facility is located did not agree with the data contained in Antenna Structure Registration Number 1007750, nor with the coordinates specified in BMLH-19990830AAR. As such, the Federal Aviation Administration was notified and a revised Determination of No Hazard was issued. The ASR has been updated to reflect the corrected data. Therefore, Qantum herein proposes to modify the license of WCOD-FM to correct the coordinates of the facility to bring them into agreement with the ASR. This correction is in compliance with §73.1690 (c) (11) of the rules. A calculation of the transmitter power output of the WCOD-FM transmitter is attached as Exhibit A.<sup>1</sup>

The coordinates noted on the revised Antenna Structure Registration, when converted to NAD 27 and rounded to the nearest second, are North Latitude 41° 43' 44" and West Longitude 70° 10' 02". The coordinates listed on the WCOD-FM license are North Latitude 41° 43' 46" and West Longitude 70° 10' 01". This reflects a difference of 2" in Latitude and 1" in Longitude.

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1) The center of radiation of the WCOD-FM antenna is located 1.6 meters (5.0 feet) below the height specified in the present WCOD-FM license. This variance is in compliance with §73.1690 (c)(1) of the rules.

Therefore, pursuant to §73.1690(c)(11), the coordinates are being corrected in this instant license application. The correction will have no impact on any spacing issues, as noted in the attached Exhibit B. As such, it is believed that this correction is in compliance with the rules.

As this instant application is being submitted without an underlying permit, there are no specific conditions to address. However, Qantum herein states that it will reduce the power of WCOD-FM or cease operation, as needed, to insure that persons with access to the tower will not be exposed to radio frequency radiation levels in excess of the Commission's guidelines. Based on the foregoing, it is believed that WCOD-FM is operating in compliance with the Commission's rules.