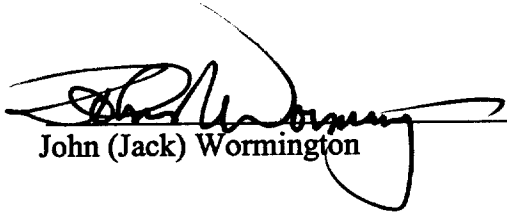


Technical Certification

I, John (Jack) Wormington, Senior Vice President, Engineering and Operations of XM Satellite Radio Inc. ("XM Radio"), hereby certify the following under penalty of perjury:

I have reviewed the foregoing Exhibits contained in XM Radio's request for Special Temporary Authority in the Experimental Radio Service. The information contained in these Exhibits is true and correct to the best of my belief.



John (Jack) Wormington

Dated: March 23, 1999

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