
Summary of LMS Schedule 301-FM Construction Permit Application Filing (Correction of Coordinates)

Call letters: WRNP (FM)
City of License: Roanoke, IN
Channel: CH231A (94.1 MHz)
File No: BLED-20090825BUV
Facility ID: 46434
Applicant: Taylor University Broadcasting, Inc.

Explanation of Correction of Coordinate LMS Schedule 301 Filing

This LMS Schedule 301-FM filing is being submitted to correct an error of coordinates and supply a new antenna HAAT value. These issues were discovered during a recent self-inspection.

Concerning the noted coordinate correction, errors of 3.5 seconds latitude and 7.2 seconds longitude were discovered during the self-inspection. As the sum error is more than three (3) seconds in nature, the provisions of 47 C.F.R. Section 73.1690(b) necessitate this LMS-301 corrective filing.

Concerning the noted antenna COR corrections, the previously notified ground elevation of 250 meters AMSL does not require correction. The previously notified antenna AGL height of 92 meters AGL does not require correction. The previously notified antenna AMSL height of 342 meters AMSL does not require correction. However, the physical correction in site coordinates will result in a calculated HAAT value change from 100 meters HAAT to 96.6 meters HAAT. This value remains within the provisions of 47 C.F.R. Section 73.1690(c)(1) regarding antenna heights no more than two (2) meters above or four (4) meters below the authorized values. The applicant would like to note use of the NED 03 Terrain Database for the HAAT calculation. A copy of the HAAT calculation has been included herein.

Antenna Structure Registration Number #1030882 does not require correction. A copy of the ASRN has been included herein.

The correction of coordinates and correction of the antenna COR HAAT value will not necessitate any physical change to the operating plant or operating power; and will not result in any significant change to the WRNP(FM) service area. As no physical changes to the existing plant are proposed, no further documentation is believed required other than the supporting correction of coordinate exhibits as supplied herein.

The facility is, and will remain, authorized as a Short-Spaced Station, pursuant to 47 C.F.R. Section 73.215. No other corrections are requested at this time.

Concerning RF Compliance, the applicant certifies RF Compliance with the attached study. Regarding compliance with the NEPA, Nationwide Programmatic Agreement and NHPA Section 106 for tower co-location, compliance with the agreement is not required where no new tower construction is being proposed and the tower is not being substantially altered. Specifically, compliance is not necessary where only an antenna and feed-line are being reused on an existing structure, as here. However, should the Commission determine compliance is necessary, upon notification the applicant will file FCC Form 621.

CERTIFICATION OF TECHNICAL CONSULTANT: *I declare, under penalty of perjury, that the contents of this report are true and accurate to the best of my knowledge and belief. I further certify I have over twenty-four years of experience as a broadcast technical consultant before the Federal Communications Commission ("the FCC"); and am familiar with the Code of Federal Regulations Title 47 ("the Rules") as pertaining to this report and its contents herein. The underlying data utilized in this report was taken directly from FCC databases or indirectly through third party software vendors securing data directly from FCC databases. This firm cannot be held liable for errors or omissions resulting from the underlying data. The information contained herein is believed accurate to the date reported below.*


Justin W. Asher
Technical Consultant
May 08, 2023