

Call letters: WHAI(FM) (Auxiliary License Modification)
City of License: Greenfield, MA
Channel: CH252A (98.3 MHz)
File No: BXLH-20041202ACY
Facility ID: 25833
Applicant: Saga Communications of New England, LLC

Explanation of Auxiliary License Modification Filing

This WHAI(FM) - Greenfield, MA (Facility ID: 25833) Auxiliary License Modification for BXLH-20041202ACY is being filed pursuant to 47 C.F.R. Section 73.1690(b)(2) for a correction of coordinates of less than three seconds; pursuant to 47 C.F.R. Section 73.1690(c)(1) to notify the replacement of the present Gates model FMC-3A (3-bay; fully spaced) antenna with a different Nicom model BKG77/3M(0.85WL) (3-bay; 0.85 (λ) spaced) and correct antenna heights to the nearest tenth of a meter; and pursuant to 47 C.F.R. Section 73.1690(c)(10) to supply a the new calculated Transmitter Power Output (TPO) value of 1.45 kW (TPO).

****47 C.F.R. Section 73.1690(b)(2) - Correction in Coordinates****

Concerning the noted coordinate error, a correction of less than one (1) second latitude and longitude correction is being requested to adhere to the Commission's current policy (DA 19-891) for use of the NAD 1983 Coordinate Datum, with coordinates listed to the tenth of a second. Per prior Commission policy, the former license was granted with coordinates rounded to the nearest whole second.

****47 C.F.R. Section 73.1690(c)(1) - Antenna Replacement****

Concerning the antenna replacement, no change in the licensed antenna AGL, AMSL or HAAT values are being requested at this time. The new antenna has been installed within two (2) meters above or four (4) meters below the authorized values as permitted under §73.1690(c)(1).

****47 C.F.R. Section 73.1690(c)(10) - Change in Transmitter Power Output****

Concerning the noted change in Transmitter Power Output (TPO), a revised Transmitter Power Output worksheet has been included herein. The revised TPO calculation reflects the facility as constructed. The new TPO value has been properly noted on this Schedule 302 License Modification Application as well.

Concerning RF Compliance for the new antenna, 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.

The applicant acknowledges this construction involves the replacement of an auxiliary antenna on the non-directional tower of AM Station WHMQ(AM) - Greenfield, MA (1240 kHz). Following installation of the antenna, the permittee has made a tower impedance measurement and compared this against the license value. As the resistance of the AM antenna has changed by more than two (2) percent from the licensed value (see Section 73.45(c)(1) of the Commission's Rules), an application for the AM station to return to direct power measurement is required. Therefore this application, including a tower sketch of the installation, has been filed with the Commission by the AM station licensee using form FCC 302-AM. (See Section 1.30003 of the Commission's Rules.) The permittee submits confirmation of completion of the requirements of this condition in this application for license to cover this construction permit. (See attached Engineering Section of WHMQ(AM) Form 302-AM Direct Measurement of Power

No other License Modifications are requested at this time.