

BEFORE THE  
FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

FCC MAIL SECTION

AUG 5 9 23 AM '91

REC'D

In the Matter of )  
 )  
Amendment of Section 73.202(b) )  
FM Table of Allotments )  
FM Broadcast Stations )  
(Houghton, Michigan) )

MM Docket No. 91-\_\_\_\_\_  
RM-\_\_\_\_\_

RECEIVED

AUG - 5 1991

To: Chief, Allocations Branch  
Policy and Rules Division  
Mass Media Bureau

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

**PETITION FOR RULEMAKING**

Now comes Houghton Radio Group of North Carolina, Inc, licensee of Radio Station WAAH(FM), Houghton, Michigan, requesting that the Commission initiate a rulemaking proceeding seeking to amend the FM Table of Allotments to assign FM Channel 272C2 to the community of Houghton, Michigan, as that community's first wide coverage area local service, and to amend the authorization presently held by Radio Station WAAG(FM) to specify operation on FM Channel 272C2. No other modifications of the FM Table of Allotments are required to effect the assignment of the upgraded channel to Houghton, Michigan.

As is indicated in the attached engineering statement, the requested assignments can be made in full compliance with all of the Commission's Rules, including the minimum mileage separation and city grade illumination requirements.

In the event the Commission adopts the change in the Table of Allotments as is proposed herein, the petitioner will promptly take action to implement the changes. Specifically, this petitioner represents that if the proposed changes in the FM Table of Allotments is implemented, this petitioner will promptly submit an Application For FM Construction Permit, (FCC Form 301), and when the Permit is granted, will promptly construct the requested facilities.

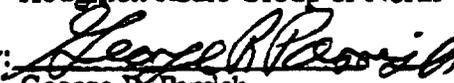
WHEREFORE, it respectfully requested that the FM Table of Allotments be amended as follows:

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City	Present	Proposed
Houghton, Michigan	249A, 272A	249A, 272C2

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Respectfully Submitted  
Houghton Radio Group of North Carolina, Inc.

by:   
George R. Parrish  
Its President

Houghton Radio Group of North Carolina, Inc.  
817 Lassiter Place  
Raleigh, N.C. 27609  
(919) 782-8433  
Fax (919) 782-8476

July 22, 1991.

Houghton Radio Group of North Carolina, Inc.  
817 Lassiter Place  
Raleigh, North Carolina 27609

**PETITION TO  
AMEND THE FM TABLE OF ALLOTMENTS**  
FM Channel 272C2  
Houghton, Michigan  
July 1991

STATE OF ILLINOIS            )  
  )  
COUNTY OF PEORIA         )    SS:

F. W. Hannel, after being duly sworn upon oath, deposes and states:

He is a registered Professional Engineer, by examination, in the State of Illinois;

He is a graduate Electrical Engineer, holding Bachelor of Science and Master of Science degrees, both in Electrical Engineering;

His qualifications are a matter of public record and have been accepted in prior filings and appearances requiring scrutiny of his professional qualifications;

The attached Engineering Report was prepared by him personally or under his supervision and direction and;

The facts stated herein are true, correct, and complete to the best of his knowledge and belief.

  
\_\_\_\_\_  
F. W. Hannel, P.E.

F. W. Hannel, PE  
911 Edward Street  
Henry, Illinois 61537  
(309) 364-3903  
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July 22, 1991.

Houghton Radio Group of North Carolina, Inc.  
817 Lassiter Place  
Raleigh, North Carolina 27609

**PETITION TO  
AMEND THE FM TABLE OF ALLOTMENTS**  
FM Channel 272C2  
Houghton, Michigan  
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**ENGINEERING STATEMENT**

This firm has been retained by Houghton Radio Group of North Carolina, Inc., licensee of Radio Station WAAH(FM), Houghton, Michigan, to prepare this Engineering Statement in support of its Petition To Amend the FM Table of Allotments, which seeks to have FM Channel 272C2 assigned to Houghton, Michigan, as that community's first wide coverage area local service. The proposed assignment of the channel at Houghton, Michigan, can be made without any further disturbance to the FM Table of Allotments.

The community of Houghton, Michigan, has a 1980 U.S. Census population of 7,512 persons, and is located in Houghton County, which has a 1980 U.S. Census population of 37,862 persons. The requested assignment of FM Channel 272C2 would provide the community with its first wide coverage area local aural service. The requested changes can be accomplished with a minimum of disturbance to the present FM Table of Allotments, for the new service can be implemented by simply amending the FM Table of Allotments to assign FM Channel 272C2 instead of the presently assigned FM Channel 272A.

The community of Houghton, Michigan, is located at U.S. Atlas coordinates N47-07-06, W88-35-27. A sample transmitter site located at N47-09-43, W88-35-27, 3 miles northwest of the community, will satisfy the mileage separation and city grade illumination requirements of the Rules.

Attached as Exhibit E-1 is an FM Channel study conducted at the reference transmitter site which shows that the sample site conforms to the mileage separation requirements of the Rules at the sample transmitter transmitter site.

In view of the foregoing, it is respectfully requested that the Commission amend the FM Table of Allotments as follows:

Community	present	proposed
Houghton, Michigan	249A,272A	249A,272C2

Adoption of the changes as proposed above will provide Houghton, Michigan, with its first wide coverage area facility, as well as provide the entire county with an additional aural service. The requested changes clearly serve the public interest, for providing a wide coverage area local service is given a high priority in situations such as this. There is no penalty for any community under the terms of this proposal.

Houghton Radio Group of North Carolina, Inc.  
817 Lassiter Place  
Raleigh, North Carolina 27609

**PETITION TO  
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FM Channel 272C2  
Houghton, Michigan  
July 1991

FM Channel 272C2  
N47-09-43 W88-35-27  
Houghton, Michigan  
Exhibit E-1

CALL	CITY	ST	CHN	CL	S	DIST	SEPN	BRNG	CLEARANCE
ALC	Stephenson	MI	272	C2	A	118.3	118.1	156.5°	0.2
ALC	Houghton	MI	272	A	U	3.2	103.1	160.6°	-100.0
WAAH	Houghton	MI	272	A	C	4.2	103.1	164.9°	-99.0

All Distances in miles