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Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

In the Matter of	)	
	)	
Amendment of Section 73.202(b)	)	MM Docket No. _____
Table of Allotments	)	RM No. _____
FM Broadcast Stations	)	
(Mishicot, Wisconsin; and	)	
Gulliver, Manistique, and	)	
Rogers City, Michigan)	)	

To: Chief, Allocations Branch

**SUPPLEMENT TO PETITION FOR RULE MAKING**

Bay-Lakes-Valley Broadcasters, Inc. ("Bay-Lakes-Valley"), the licensee of WGBM(FM), Channel 234A, Mishicot, Wisconsin, hereby submits the attached supplement to its Petition for Rule Making filed with the Commission on June 26, 1998 seeking the commencement of a rule making proceeding to amend the Table of Allotments for FM Broadcast Stations, 47 C.F.R. §73.202(b), to substitute Channel 234C3 for Channel 234A at Mishicot, Wisconsin and to modify the license of WGBM(FM) to specify operation on Channel 234C3, among other things.

The purpose of the attached supplement is to submit an engineering statement in support of the proposed allotments and modifications in Bay-Lakes-Valley's Petition for Rule Making.

WHEREFORE, it is respectfully requested that the Commission incorporate the attached engineering statement to the June 26, 1998 Petition for Rule Making filed by Bay-Lakes-Valley Broadcasting, Inc. and commence a rule making proceeding to substitute Channel 234C3 for Channel 234A at Mishicot, Wisconsin and modify the license of WGBM(FM) to specify operation on

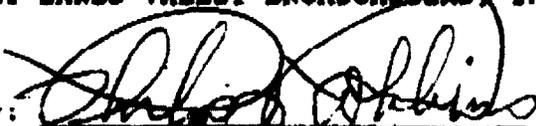
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Channel 234C3; substitute Channel 260C1 for Channel 234C1 at Gulliver, Michigan and modify the license of WCM(FM), Gulliver, Michigan to specify operation on Channel 260C1; substitute Channel 227A for Channel 260A at Manistique, Michigan and order an amendment of the applications filed by Philip J. Robbins (FCC File No. BPH-970925MY), Todd Stuart Noordyk (FCC File No. BPH-970922ME) and Indian River Broadcasting Company (FCC File No. BPH-970925MG), and modify the underlying Channel 260A allotment to each specify Channel 227A; and substitute Channel 292C2 for Channel 260C2 at Rogers City, Michigan and modify the license of WHAK-FM, Rogers City, Michigan to specify operation on Channel 292C2.

Respectfully submitted,

BAY-LAKES-VALLEY BROADCASTERS, INC.

By:

  
Philip J. Robbins  
President

2733 Manitowec Road  
Suite 8B  
Green Bay, Wisconsin 54311  
(920) 465-3947

July 7, 1998

BEFORE THE  
**FEDERAL COMMUNICATIONS COMMISSION**

WASHINGTON, D.C. 20054

**ENGINEERING STATEMENT**

IN THE MATTER OF: ) MM DOCKET NO:

AMENDMENT OF SECTION 73.202(B), ) RM  
TABLE OF ASSIGNMENTS, )  
F.M. BROADCAST STATIONS; )  
(MISHICOT, WISCONSIN; AND )  
GULLIVER, MANISTIQUE, AND )  
ROGERS CITY, MICHIGAN) )

TO: CHEIF, ALLOCATIONS BRANCH,  
POLICY AND RULES DIVISION,  
MASS MEDIA BUREAU.

PREPARED FOR:

**BAY-LAKES-VALLEY BROADCASTERS, INC.**

**JULY 03, 1998**

PREPARED BY:

**LYLE ROBERT EVANS  
TECHNICAL CONSULTANT  
PACER TECHNICAL SERVICE, INC.  
2450 CROOKS AVE.  
KAUKAUNA, WISCONSIN 54130**

**(920) 766-0200**

APPLICANT: Bay-Lakes-Valley Broadcasters, Inc.  
Petition For Rule Making  
Ch. 234C3, Mishicot, WI

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Prepared 07/03/98

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(PHILIP J. ROBBINS PROPOSED SITE)

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TABLE OF CONTENTS; CONCLUDED

**STATE OF WISCONSIN)**

**COUNTY OF BROWN)**

**VILLAGE OF ASHWAUBENON)**

**LYLE ROBERT EVANS, BEING FIRST DULY SWORN STATES:**

**THAT HE IS A ELECTRONIC COMMUNICATIONS TECHNICAL CONSULTANT WITH OFFICES AT 2450 CROOKS AVENUE, KAUKAUNA, WISCONSIN, 54130;**

**THAT HIS QUALIFICATIONS AS AN EXPERT IN ELECTRONIC COMMUNICATIONS ENGINEERING ARE A MATTER OF RECORD WITH THE FEDERAL COMMUNICATIONS COMMISSION IN WASHINGTON, D.C.;**

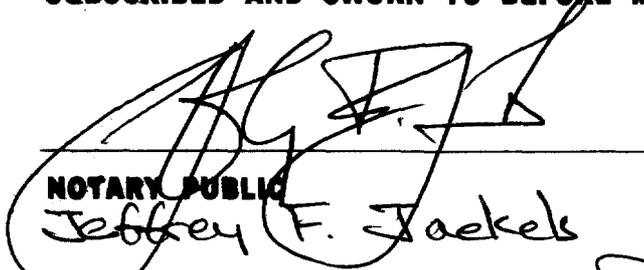
**THAT HE HAS PREPARED NUMEROUS AM, FM, MICROWAVE RADIO, TELEVISION AND TRANSLATOR APPLICATIONS WHICH HAVE BEEN PROCESSED TO GRANT BY THE FEDERAL COMMUNICATIONS COMMISSION;**

**THAT THE FOREGOING TECHNICAL REPORT WAS PREPARED BY HIM, AND ALL CALCULATIONS AND/OR MEASUREMENTS AND EXHIBITS IN THE ACCOMPANYING REPORT WERE MADE BY HIM PERSONALLY OR UNDER HIS DIRECTION, AND THAT ALL FACTS CONTAINED HEREIN ARE TRUE OF HIS PERSONAL KNOWLEDGE OR BELIEF, AND ON SUCH STATEMENTS MADE ON BELIEF, THEY ARE BELIEVED TO BE TRUE AND CORRECT.**



**LYLE ROBERT EVANS, AFFIANT**

**SUBSCRIBED AND SWORN TO BEFORE ME THIS 03'rd DAY OF JULY, 1998**



**NOTARY PUBLIC**

**Jeffrey F. Jaekels**

**DATE OF COMMISSION EXPIRATION: Permanent**

BEFORE THE  
**FEDERAL COMMUNICATIONS COMMISSION**

WASHINGTON, D.C. 20054

IN THE MATTER OF: )  
  
AMENDMENT OF SECTION 73.202(B), ) MM DOCKET No:  
TABLE OF ALLOTMENTS, ) RM No:  
F.M. BROADCAST STATIONS; )  
(MISHICOT, WISCONSIN; AND )  
GULLIVER, MANISTIQUE, AND )  
ROGERS CITY, MICHIGAN) )  
  
TO: THE COMMISSION

**ENGINEERING STATEMENT**

This Engineering Statement concerns the above captioned Petition For Rule Making, to which this Statement is Appendix I.

Bay-Lakes-Valley Broadcasters, Inc., Petitioner, retained the services of Lyle Robert Evans, Technical Consultant, to conduct engineering studies and prepare necessary Statements and Attachments to support the Petition For Rule Making of Bay-Lakes-Valley Broadcasters, Inc. to amend 47 Code of Federal Regulations §73.202(b), Table of FM Allotments, to allot FM Channel 234C3 (94.7 MHz.) to the Village of Mishicot, Wisconsin.

Bay-Lakes-Valley Broadcasters, Inc., Licensee

MISHICOT, WISCONSIN  
 PROPOSED RULE MAKING  
 AMENDMENT OF 47 C.F.R. §73.202(b); TABLE OF ALLOTMENTS  
 FM CHANNEL 234C3; 94.7 MHz.  
 PETITIONER: BAY-VALLEY-LAKES BROADCASTERS, INC.

of Station WGBM(FM), operating on channel 234A, at Mishicot, Wisconsin; FCC File Number: BLH-950103KB, requests amendment of Section §73.202(b), Table of Allotments FM Broadcast Stations, in the following manner:

<u>COMMUNITY:</u>	<u>EXISTING:</u>	<u>PROPOSED:</u>
Mishicot, WI	234A	234C3
Gulliver, MI	234C1	260C1
Rogers City, MI	244C2; 260C2	244C2; 292C2
Manistique, MI	260A	227A

The referenced Petition also requests modification of the FM Broadcast Station License of WGBM(FM) to specify operation on FM Channel 234C3 at Mishicot.

#### DISCUSSION

The Village of Mishicot, Wisconsin, Reference Geographic Coordinates specified in the National Atlas of the United States of America, published by the U.S. Department of the Interior Geological Survey are: 44°-20'-48" North Latitude, 87°-49'-42" West Longitude.

Attachment E-C to this Engineering Statement, an FM Channel 234C3 Distance Separation study, with the Mishicot

MISHICOT, WISCONSIN  
PROPOSED RULE MAKING  
AMENDMENT OF 47 C.F.R. §73.202(b); TABLE OF ALLOTMENTS  
FM CHANNEL 234C3; 94.7 MHz.  
PETITIONER: BAY-VALLEY-LAKES BROADCASTERS, INC.

reference coordinates as base, sets forth all FM Broadcast Station assignments, applications and allotments relating to an allotment of FM Channel 234C3 at Mishicot, with distance in kilometers and bearing in degrees True from the village reference coordinates.

This Attachment E-A displays allotment of FM Channel 234C3 at the Mishicot reference coordinates, not in compliance with applicable minimum distance separation requirements set forth in 47 Code of Federal Regulations §73.207, relative to lower first-adjacent (-200 kilohertz) FM Broadcast Station WKTI(FM), Milwaukee, Wisconsin; FCC File Number: BLH-7640.

To allot channel 234C3 to Mishicot and comply with requirements of 47 C.F.R. §73.207, as related to FM Broadcast Station WKTI, it is necessary to restrict the antenna/tower location (transmitter site) of a Channel 234C3 operation, 17.31 kilometers (10.76 miles) distant at a bearing of 257.6 degrees True from the Village of Mishicot reference coordinates.

Attachment E-B to this Engineering Statement, an FM Channel 234C3 Distance Separation study, with illustrative "restricted" site coordinates: 44°-22'-48" North Latitude, 87°-36'-58" West Longitude, as base, sets forth all FM Broadcast Station assignments, applications and allotments

MISHICOT, WISCONSIN  
PROPOSED RULE MAKING  
AMENDMENT OF 47 C.F.R. §73.202(b); TABLE OF ALLOTMENTS  
FM CHANNEL 234C3; 94.7 MHz.  
PETITIONER: BAY-LAKES-VALLEY BROADCASTERS, INC.

relating to a restricted allotment of FM Channel 234C3 at  
Mishicot, with distance in kilometers and bearing in degrees  
True from the village reference coordinates.

This Attachment E-B displays a restricted allotment  
of FM Channel 234C3 to Mishicot, Wisconsin, in compliance with  
applicable minimum distance separation requirements set forth  
in 47 Code of Federal Regulations §73.207, regarding Station  
WWTI(FM), Milwaukee, Wisconsin, but creates a "short-spacing"  
to Station WCMM(FM), Gulliver, Michigan, FCC File Number:  
BLH-920228KC.

To allot Channel 234C3 to Mishicot it is necessary  
to make channel substitutions in 47 C.F.R §73.202(b), FM  
Table of Allotments as follows:

- (1) It is necessary to substitute Channel 260C1 for  
Channel 234C1, at Gulliver, Michigan, and  
modify the License of WCMM(FM), Gulliver, to  
specify operation on Channel 260C1.

Attachment E-C to this Engineering Statement  
displays Channel 260C1 at Gulliver, Michigan, "short-spaced"  
to Co-channel WHAK-FM, Rogers City, Michigan, to a Vacant  
Channel 260A Allotment at Manistique, and Manistique,

MISHICOT, WISCONSIN  
PROPOSED RULE MAKING  
AMENDMENT OF 47 C.F.R. §73.202(b); TABLE OF ALLOTMENTS  
FM CHANNEL 234C3; 94.7 MHz.  
PETITIONER: BAY-VALLEY-LAKES BROADCASTERS, INC.

Michigan, Channel 260A Pending Applications of Todd Stuart  
Noordyk, FCC File Number: BPH-970922ME; Indian River  
Broadcasting Company, FCC File Number: BPH-970925MG; and  
Philip J. Robbins, FCC File Number: BPH-970925MY.

To allot Channel 260C1 to Gulliver it is necessary  
to make channel substitutions in 47 C.F.R §73.202(b), FM  
Table of Allotments as follows:

- (1) To substitute Channel 292C2 for Channel 260C2  
at Rogers City, Michigan, and modify the  
License of WHAK-FM, to specify operation on  
Channel 260C1 at Rogers City.

Attachment E-D of this Engineering Statement  
displays the allotment of Channel 260C2 to Rogers City  
Michigan at the Station WHAK-FM Licensed antenna/tower  
coordinates in complete compliance with applicable minimum  
distance separation requirements.

- (2) To substitute Channel 227A for  
Channel 260A, at Manistique, Michigan, and  
modify the Pending Applications of Todd Stuart  
Noordyk, Indian River Broadcasting Company,

MISHICOT, WISCONSIN  
PROPOSED RULE MAKING  
AMENDMENT OF 47 C.F.R. §73.202(b); TABLE OF ALLOTMENTS  
FM CHANNEL 234C3; 94.7 MHz.  
PETITIONER: BAY-VALLEY-LAKES BROADCASTERS, INC.

and Philip J. Robbins, to request operation on  
Channel 227A.

Attachment E-E of this Engineering Statement  
displays allotment of Channel 227A at the Manistique,  
Michigan, allotment coordinates in complete compliance with  
applicable minimum distance separation requirements.

Attachment E-F through E-H of this Engineering  
Statement display the substitution of Channel 227A for all  
Pending Applications of Channel 260A at Manistique, Michigan,  
FCC File Numbers: BPH-970922ME; BPH-970925MG; and  
BPH-970925MY, at their current proposed site coordinates, in  
complete compliance with applicable minimum distance  
separation requirements.

#### CONCLUSION

The allotment of FM Channel 234C3 to Mishicot,  
Wisconsin, and modification of the License of Station  
WGBM(FM), FCC File Number: BLH-950103KB, can be accomplished  
by the requested channel substitutions, and Station WGBM(FM)  
antenna/tower (transmitter site) location restriction.

Several ideal transmitter sites are available, from  
which requisite "Principal Community"

MISHICOT, WISCONSIN  
PROPOSED RULE MAKING  
AMENDMENT OF 47 C.F.R. §73.202(b); TABLE OF ALLOTMENTS  
FM CHANNEL 234C3; 94.7 MHz.  
PETITIONER: BAY-LAKES-VALLEY BROADCASTERS, INC.

(70.0 dBu or 3.16 mV/m Contour) coverage can be provided to  
the entire Village of Mishicot, Wisconsin.

The most recent applicable FCC Rules and Regulations  
have been used in the preparation of this Engineering  
Statement.

It is believed to conform to the Commission's  
Technical Standards.

Respectfully submitted,



Lyle R. Evans,  
Technical Consultant to:  
Bay-Lakes-Valley Broadcasters, Inc.

June 23, 1998

Lyle Robert Evans  
Technical Consultant  
2450 Crooks Ave.  
Kaukauna, Wisconsin 54130  
(920) 766-0200

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ENGINEERING STATEMENT; CONCLUDED

FM CHANNEL 234C3 DISTANCE SEPERATION STUDY

LOCATION: MISHICOT, WISCONSIN  
 SERVICE: COMMERCIAL FM  
 CHANNEL: 234C3  
 FREQUENCY: 94.7 MHz.  
 ZONE: II  
 CLASS: C3  
 COORDINATES: 44°-20'-48" N.L., 87°-49'-42" W.L. (MISHICOT REFERENCE COORDINATES)  
 APPLICANT: BAY-LAKES-VALLEY BROADCASTERS, INC.  
 CALL SIGN: WGBM  
 FCC FILE NO: BLH-950103KB  
 DATE: JUNE 22, 1998

CALL STATUS	CITY STATE	FCC FILE	CHAN ZONE	ERP (KW) HAAT (M)	LATITUDE LONGITUDE	BEAR. (DEG.)	DIST. (KM.)	REQ. (KM.)
WROE (FM) LIC	NEENAH-MENASHA WI	BLH-950920KB	232C3 94.3	13.00 140.00	44-09-30 88-17-03	260.6	52.23 9.23	43.0 CLEAR
WROE (FM) CP	NEENAH-MENASHA WI	BLH-970529KB	232C3 94.3	2.40 67.00	44-11-50 88-30-30	266.7	69.53 26.53	43.0 CLEAR
WKTJ (FM) LIC	MILWAUKEE WI	BLH-7640	233B 94.5	15.50 277.00	43-05-29 87-54-07	189.5	128.99 -16.01	145.0 SHORT#
WGBM (FM) LIC	MISHICOT WI	BLH-950103KB	234A 94.7	6.00 100.00	44-20-30 87-47-10	315.2	16.50 -125.50	142.0 SHORT*
WCMM (FM) LIC	GULLIVER MI	BLH-920228KC	234C1 94.7	100.00 248.00	45-58-01 86-29-18	24.8	212.59 1.59	211.0 CLEAR
WKZC (FM) LIC	SCOTTVILLE MI	BLH-931022KC	235C3 94.9	17.00 122.00	44-03-27 86-24-58	101.1	99.93 0.93	99.0 CLEAR
WLST (FM) LIC	MARINETTE WI	BLH-931206KB	236C1 95.1	100.00 133.00	45-03-48 87-39-26	359.2	91.87 15.87	76.0 CLEAR

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FM CHANNEL 234C3 DISTANCE SEPERATION STUDY

LOCATION: MISHICOT, WISCONSIN  
SERVICE: COMMERCIAL FM  
CHANNEL: 234C3  
FREQUENCY: 94.7 MHz.  
ZONE: II  
CLASS: C3  
COORDINATES: 44°-20'-48" N.L., 87°-49'-42" W.L. (MISHICOT REFERENCE COORDINATES)  
APPLICANT: BAY-LAKES-VALLEY BROADCASTERS, INC.  
CALL SIGN: WGBM  
FCC FILE NO: BLH-950103KB  
DATE: JUNE 22, 1998

-----END FM CHANNEL 285C3 DISTANCE SEPERATION STUDY-----

NOTES (\*) The assignment whose indicated distance separation status is followed by a asterisk(\*) is the Licensed FM Broadcast Station WGBM(FM), at Mishicot, Wisconsin, which is mutually exclusive with the petition proposal.

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ENGINEERING STATEMENT, ATTACHMENT E-A; CONCLUDED.

ATTACHMENT E-B

FM CHANNEL 234C3 DISTANCE SEPERATION STUDY

LOCATION: MISHICOT, WISCONSIN  
 SERVICE: COMMERCIAL FM  
 CHANNEL: 234C3  
 FREQUENCY: 94.7 MHz.  
 ZONE: II  
 CLASS: C3  
 COORDINATES: 44°-22'-48" N.L., 87°-36'-58" W.L. (ILLUSTRATIVE SITE COORDINATES)  
 PETITIONER: BAY-LAKES-VALLEY BROADCASTERS, INC.  
 CALL SIGN: WGBM  
 FCC FILE NO: BLH-950103KB  
 DATE: JUNE 22, 1998

CALL STATUS	CITY STATE	FCC FILE	CHAN. FREQ.	ERP (KW) HAAT (M)	LATITUDE LONGITUDE	BEAR. (DEG.)	DIST. (KM.)	REQ. (KM.)
WROE (FM) LIC	NEENAH-MENASHA WI	BLH-950920KB	232C3 94.3	13.00 140.00	44-09-30 88-17-03	245.4	58.75 15.75	43.0 CLEAR
WROE (FM) CP	NEENAH-MENASHA WI	BLH-970529KB	232C3 94.3	2.40 67.00	44-11-50 88-30-30	245.4	74.06 31.06	43.0 CLEAR
WKTI (FM) LIC	MILWAUKEE WI	BLH-7640	233B 94.5	15.50 277.00	43-05-29 87-54-07	189.2	145.01 0.01	145.0 CLEAR
WGBM (FM) LIC	MISHICOT WI	BLH-950103KB	234A 94.7	6.00 100.00	44-20-30 87-47-10	252.6	14.21 -127.79	142.0 SHORT*
WCMM (FM) LIC	GULLIVER MI	BLH-920228KC	234C1 94.7	100.00 248.00	45-58-01 86-29-18	26.2	197.39 -13.61	211.0 SHORT#
WKZC (FM) LIC	SCOTTVILLE MI	BLH-931022KC	235C3 94.9	17.00 122.00	44-03-27 86-24-58	99.0	102.37 3.37	99.0 CLEAR
WLST (FM) LIC	MARINETTE WI	BLH-931206KB	236C1 95.1	100.00 133.00	45-03-48 87-39-26	357.6	76.01 0.01	76.0 CLEAR

ENGINEERING STATEMENT, ATTACHMENT E-B; CONCLUDED.

FM CHANNEL 260C1 DISTANCE SEPERATION STUDY

LOCATION: GULLIVER, MICHIGAN  
 SERVICE: COMMERCIAL FM  
 CHANNEL: 260  
 FREQUENCY: 99.9 MHz.  
 ZONE: II  
 CLASS: C1  
 COORDINATES: 45°-58'-01" N.L., 86°-29'-18" W.L. (CURRENT SITE COORDINATES)  
 APPLICANT: WSHN, INC.  
 CALL SIGN: WCMM  
 FCC FILE NO: BLH-920228KC  
 DATE: JUNE 22, 1998

CALL STATUS	CITY STATE	FCC FILE	CHAN. FREQ.	ERP (KW) HAAT (M)	LATITUDE LONGITUDE	BEAR. (DEG.)	DIST. (KM.)	REQ. (KM.)
NEW APP	NEGAUNEE MI	951011MC	258A 99.5	1.85 182.00	46-30-51 87-28-54	308.9	97.83	75.0 22.83 CLEAR
WLTM (FM) LIC	STURGEON BAY WI	BLH-910211KD	259C 99.7	46.00 156.00	44-38-08 87-37-37	211.4	172.83	158.0 14.83 CLEAR
NEW APP	MANISTIQUE MI	BPH-970922ME	260A 99.9	6.00 52.00	45-57-51 86-16-37	91.0	16.39	200.0 -183.61 SHORT#
NEW APP	MANISTIQUE MI	BPH-970925MG	260A 99.9	6.00 100.00	45-58-05 86-16-24	89.5	16.67	200.0 -183.33 SHORT#
NEW ALLOT	MANISTIQUE MI	RM-97-89	260A 99.9	0.00 0.00	45-57-24 86-14-48	93.4	18.77	200.0 -181.23 SHORT#
NEW APP	MANISTIQUE MI	BPH-970925MY	260A 99.9	6.00 63.00	45-58-09 86-11-10	89.3	23.43	200.0 -176.57 SHORT#
WHAK (FM) LIC	ROGERS CITY MI	BLH-940509KD	260C2 99.9	50.00 145.00	45-23-53 83-55-19	106.7	209.70	224.0 -14.30 SHORT&

ENGINEERING STATEMENT, ATTACHMENT E-C; CONCLUDED.

ATTACHMENT E-D

FM CHANNEL 292C2 DISTANCE SEPERATION STUDY

LOCATION: ROGERS CITY, MICHIGAN  
SERVICE: COMMERCIAL FM  
CHANNEL: 292C2  
FREQUENCY: 106.3 MHz.  
ZONE: II  
CLASS: C2  
COORDINATES: 45°-23'-53" N.L., 83°-55'-19" W.L. (CURRENT SITE COORDINATES)  
APPLICANT: IVE'S BROADCASTING, INC.  
CALL SIGN: WHAK-FM  
FCC FILE NO: BLH-940509KD  
DATE: JUNE 22, 1998

CALL STATUS	CITY STATE	FCC FILE	CHAN. FREQ.	ERP (KW) HAAT (M)	LATITUDE LONGITUDE	BEAR. (DEG.)	DIST. (KM.)	REQ. (KM.)
WKHQ (FM) LIC	CHARLEVOIX MI	BLH-781221AB	290C1 105.9	100.00 272.00	45-10-49 85-05-50	255.7	95.33 16.33	79.0 CLEAR
WKPK (FM) LIC	GAYLORD WI	BLH-970529KB	294C1 106.7	100.00 177.00	45-02-42 84-50-44	241.8	82.48 3.48	79.0 CLEAR

ENGINEERING STATEMENT, ATTACHMENT E-D; CONCLUDED.

FM CHANNEL 227A DISTANCE SEPERATION STUDY

LOCATION: MANISTIQUE, MICHIGAN  
 SERVICE: COMMERCIAL FM  
 CHANNEL: 227  
 FREQUENCY: 93.3 MHz.  
 ZONE: II  
 CLASS: A  
 COORDINATES: 45°-57'-24" N.L., 86°-14'-48" W.L. (ALLOTMENT COORDINATES)  
 PETITIONER: BAY-LAKES-VALLEY BROADCASTERS, INC.  
 CALL SIGN: NONE  
 FCC FILE NO: NONE  
 DATE: JUNE 22, 1998

CALL STATUS	CITY STATE	FCC FILE	CHAN. FREQ.	ERP (KW) HAAT (M)	LATITUDE LONGITUDE	BEAR. (DEG.)	DIST. (KM.)	REQ. (KM.)
WIMK (FM) LIC	IRON MOUNTAIN MI	BLH-820111AE	226C1 93.1	100.00 180.00	45-49-16 88-02-28	264.5	140.10 7.10	133.0 CLEAR
NEW APP	GLEN ARBOR MI	BPH-970724M4	227A 93.3	5.00 109.00	44-51-00 86-03-04	172.9	123.94 8.94	115.0 CLEAR
NEW ALLOT	GLEN ARBOR MI	RM 97-41	227A 93.3	0.00 0.00	44-50-05 86-01-55	172.3	125.82 10.82	115.0 CLEAR
NEW APP	GLEN ARBOR MI	BPH-970724MG	227A 93.3	6.00 100.00	44-49-01 86-02-36	172.8	127.66 12.66	115.0 CLEAR
WBCM (FM) LIC	BOYNE CITY MI	BLH-931014KE	228C2 99.5	14.00 283.00	45-19-27 84-52-44	123.0	127.73 21.73	106.0 CLEAR
WNBY (FM) LIC	NEWBERRY MI	BLH-911101KF	229A 99.7	3.50 80.00	46-18-48 85-30-38	54.8	69.34 38.34	31.0 CLEAR

ENGINEERING STATEMENT, ATTACHMENT E-E; CONCLUDED.

FM CHANNEL 227A DISTANCE SEPERATION STUDY

LOCATION: MANISTIQUE, MICHIGAN  
 SERVICE: COMMERCIAL FM  
 CHANNEL: 227  
 FREQUENCY: 93.3 MHz.  
 ZONE: II  
 CLASS: A  
 COORDINATES: 45°-57'-51" N.L., 86°-16'-37" W.L. (PROPOSED SITE COORDINATES)  
 APPLICANT: TODD STUART NOORDYK  
 CALL SIGN: NONE  
 FCC FILE NO: BPH-970922ME  
 DATE: JUNE 22, 1998

CALL STATUS	CITY STATE	FCC FILE	CHAN. FREQ.	ERP (KW) HAAT (M)	LATITUDE LONGITUDE	BEAR. (DEG.)	DIST. (KM.)	REQ. (KM.)
WIMK (FM) LIC	IRON MOUNTAIN MI	BLH-820111AE	226C1 93.1	100.00 180.00	45-49-16 88-02-28	264.0	137.85	133.0 4.85 CLEAR
NEW APP	GLEN ARBOR MI	BPH-970724M4	227A 93.3	5.00 109.00	44-51-00 86-03-04	171.8	125.08	115.0 10.08 CLEAR
NEW ALLOT	GLEN ARBOR MI	RM 97-41	227A 93.3	0.00 0.00	44-50-05 86-01-55	171.3	126.98	115.0 11.98 CLEAR
NEW APP	GLEN ARBOR MI	BPH-970724MG	227A 93.3	6.00 100.00	44-49-01 86-02-36	171.8	128.81	115.0 13.81 CLEAR
WBCM (FM) LIC	BOYNE CITY MI	BLH-931014KE	228C2 99.5	14.00 283.00	45-19-27 84-52-44	122.7	130.15	106.0 24.15 CLEAR
WNBY (FM) LIC	NEWBERRY MI	BLH-911101KF	229A 99.7	3.50 80.00	46-18-48 85-30-38	56.4	70.80	31.0 39.80 CLEAR

ENGINEERING STATEMENT, ATTACHMENT E-F; CONCLUDED.

FM CHANNEL 227A DISTANCE SEPERATION STUDY

LOCATION: MANISTIQUE, MICHIGAN  
 SERVICE: COMMERCIAL FM  
 CHANNEL: 227  
 FREQUENCY: 93.3 MHz.  
 ZONE: II  
 CLASS: A  
 COORDINATES: 45°-58'-05" N.L., 86°-16'-24" W.L. (PROPOSED SITE COORDINATES)  
 APPLICANT: INDIAN RIVER BROADCASTING COMPANY  
 CALL SIGN: NONE  
 FCC FILE NO: BPH-970925MG  
 DATE: JUNE 22, 1998

CALL STATUS	CITY STATE	FCC FILE	CHAN. FREQ.	ERP (KW) HAAT (M)	LATITUDE LONGITUDE	BEAR. (DEG.)	DIST. (KM.)	REQ. (KM.)
WIMK (FM) LIC	IRON MOUNTAIN MI	BLH-820111AE	226C1 93.1	100.00 180.00	45-49-16 88-02-28	263.8	138.17 5.17	133.0 CLEAR
NEW APP	GLEN ARBOR MI	BPH-970724M4	227A 93.3	5.00 109.00	44-51-00 86-03-04	172.0	125.47 10.47	115.0 CLEAR
NEW ALLOT	GLEN ARBOR MI	RM 97-41	227A 93.3	0.00 0.00	44-50-05 86-01-55	171.4	127.37 12.37	115.0 CLEAR
NEW APP	GLEN ARBOR MI	BPH-970724MG	227A 93.3	6.00 100.00	44-49-01 86-02-36	171.9	129.19 14.19	115.0 CLEAR
WBCM (FM) LIC	BOYNE CITY MI	BLH-931014KE	228C2 99.5	14.00 283.00	45-19-27 84-52-44	122.9	130.15 24.15	106.0 CLEAR
WNBY (FM) LIC	NEWBERRY MI	BLH-911101KF	229A 99.7	3.50 80.00	46-18-48 85-30-38	56.6	70.33 39.33	31.0 CLEAR

ENGINEERING STATEMENT, ATTACHMENT E-G; CONCLUDED.

FM CHANNEL 227A DISTANCE SEPERATION STUDY

LOCATION: MANISTIQUE, MICHIGAN  
 SERVICE: COMMERCIAL FM  
 CHANNEL: 227  
 FREQUENCY: 93.3 MHZ.  
 ZONE: II  
 CLASS: A  
 COORDINATES: 45°-58'-09" N.L., 86°-11'-10" W.L. (PROPOSED SITE COORDINATES)  
 APPLICANT: PHILIP J. ROBBINS  
 CALL SIGN: NONE  
 FCC FILE NO: BPH-970925MY  
 DATE: JUNE 22, 1998

CALL STATUS	CITY STATE	FCC FILE	CHAN. FREQ.	ERP (KW) HAAT (M)	LATITUDE LONGITUDE	BEAR. (DEG.)	DIST. (KM.)	REQ. (KM.)
NEW APP	GLEN ARBOR MI	BPH-970724M4	227A 93.3	5.00 109.00	44-51-00 86-03-04	175.1	124.83 9.83	115.0 CLEAR
NEW ALLOT	GLEN ARBOR MI	RM 97-41	227A 93.3	0.00 0.00	44-50-05 86-01-55	174.5	126.66 11.66	115.0 CLEAR
WIMK(FM) LIC	IRON MOUNTAIN MI	BLH-820111AE	226C1 93.1	100.00 180.00	45-49-16 88-02-28	264.1	144.91 11.91	133.0 CLEAR
NEW APP	GLEN ARBOR MI	BPH-970724MG	227A 93.3	6.00 100.00	44-49-01 86-02-36	175.0	128.54 13.54	115.0 CLEAR
WBCM(FM) LIC	BOYNE CITY MI	BLH-931014KE	228C2 99.5	14.00 283.00	45-19-27 84-52-44	124.7	124.60 24.15	106.0 CLEAR
WNBY(FM) LIC	NEWBERRY MI	BLH-911101KF	229A 99.7	3.50 80.00	46-18-48 85-30-38	53.4	64.72 33.72	31.0 CLEAR

ENGINEERING STATEMENT, ATTACHMENT E-H; CONCLUDED.

CERTIFICATE OF SERVICE

I, Lisa Skoritoski, do hereby certify that on this 8th day of July, 1998, copies of the foregoing Supplement to Petition for Rule Making were mailed, postage prepaid, to the following:

Great Lakes Radio Incorporated  
101 Huron Court  
Negaunee, MI 49866  
(Licensee of WCMM(FM), Gulliver, Michigan)

Philip J. Robbins  
2733 Manitowoc Road  
Suite 8B  
Green Bay, WI 54311  
(Applicant for Channel 260A at Manistique, Michigan)

Todd Stuart Noordyk  
101 Huron Court  
Negaunee, MI 49866  
(Applicant for Channel 260A at Manistique, Michigan)

Roy E. Henderson d/b/a Indian River Broadcasting Company  
P.O. Box 948  
Houston, TX 77001-0948  
(Applicant for Channel 260A at Manistique, Michigan)

Ives Broadcasting, Inc.  
1491 M-32 West  
Alpena, MI 49707  
(Licensee of WHAK-FM, Rogers City, Michigan)

  
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Lisa Skoritoski