# (REFERENCE COPY - Not for submission) Minor Modification of Licensed AM Station Application (301-AM)

File Number: BP-20041104	4ALD	Submit Date: 11/04/2004	Lead Call Sign: W	PON	FRN: 000376684	7
Service: Full Power AM	Purpose	E Minor Modification	Status: Cancelled	Statu	s Date: 03/08/2005	Filing Status:
Inactive	1	'				

General Information	Section	Question	Response
	Attachments	Are attachments (other than associated schedules) being filed with this application?	

# Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
	Is the applicant exempt from FCC regulatory Fees?	
Waivers	Does this filing request a waiver of the Commission's rule (s)?	
	Total number of rule sections involved in this waiver request:	

#### Applicant Information

#### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
BIRACH BROADCASTING CORPORATION Applicant	21700 NORTHWESTERN HWY STE 1190	+1 (248) 557-3500		Company
Doing Business As: BIRACH	TOWER 14			
BROADCASTING CORPORATION	SOUTHFIELD, MI 48075			
	United States			

## Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
WAYNE S. REESE CONSULTING ENGINEER	PO BOX 220 385 AIRPORT DRIVE COLDWATER, MI 49036-0220 United States	+1 (517) 278- 7339	WAYNE@MUNN- REESE.COM	Technical Representative
LAUREN A. COLBY LAW OFFICE OF LAUREN A. COLBY	10 E. FOURTH STREET P.O. BOX 113 FREDERICK, MD 21705-0113 United States	+1 (301) 663- 1086	LAC@LCOLBY.COM	Legal Representative

Attributable Interest	Section	Question	Response
	Multiple Ownership	Is the applicant or any party to the application the holder of an attributable radio joint sales agreement or an attributable radio time brokerage agreement in the same market as the station subject to this application?	
		Applicant certifies that the proposed facility complies with the Commission's multiple ownership rules.	
		<ul> <li>Applicant certifies that the proposed facility:</li> <li>(a) does not present an issue under the Commission's policies relating to media interests of immediate family members;</li> </ul>	
		<ul> <li>(b) complies with the Commission's policies relating to future ownership interests;</li> </ul>	
		<ul> <li>(c) complies with the Commission's restrictions relating to the insulation and non-participation of non-party investors and creditors</li> </ul>	
		Does the Applicant claim status as an "eligible entity," that is, an entity that qualifies as a small business under the Small Business Administration's size standards for its industry grouping (as set forth in 13 C.F.R. § 121-201), and holds:	
		<ul> <li>(a) 30 percent or more of the stock or partnership interests and more than 50 percent of the voting power of the corporation or partnership that will own the media outlet; or</li> </ul>	
		(b) 15 percent or more of the stock or partnership interests and more than 50 percent of the voting power of the corporation or partnership that will own the media outlet, provided that no other person or entity owns or controls more than 25 percent of the outstanding stock or partnership interests; or	
		(c) more than 50 percent of the voting power of the corporation that will own the media outlet (if such corporation is a publicly traded company)?	

Legal Certifications	Section	Question	Response
Certifications	Character Issues	<ul> <li>Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with:</li> <li>(a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or</li> <li>(b) any pending broadcast application in which character issues have been raised.</li> </ul>	Yes
	Adverse Findings	Applicant certifies that, with respect to the applicant and any party to the application, and any non-party equity owner in the applicant, no adverse finding has been made, nor has an adverse final action been taken by any court or administrative body in a civil or criminal proceeding brought under the provisions of any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.	Yes

# Frequency and Facility Information

Section	Question	Response
Proposed Community of License	State	Michigan
	City	Walled Lake
Facility Information	Frequency	1460
	Service Type	Main
	Facility Type	Commercial
	Class	D
Modes/Hour of Operation	Modes/Hour of Operation	Daytime, NightTime

#### Antenna Summary Data

#### **Directional Antenna Data - Daytime**

Section	Question		Response
Parameters	Power		0.670
	Latitude		42° 32` 39.1N
	Longitude		83° 33` 35.8W
	Theoretical RMS		235.72
	Standard RMS		274.73
	Specified Q		
	Augmentation	Augmentation	
Augmentation RMS			
Augmentation Table	Central Azimuth (degrees) Span (degrees)	Radiation at Central	Azimuth (mV/m)
Site Plat and Tower Sketch	Attach an antenna site plat and a tower sketch. The antenna site plat should clearly show the following items: Boundary lines, roads, railroads, other obstructions, and the ground system or counterpoise. Number and dimensions of ground radials or height and dimensions of counterpoise. Spacing and orientation of each element in the array with respect to true north. A scale in meters.		
	The tower sketch should include site elevation, above base insulator, tower height above groun height above ground without obstruction lighting above ground with obstruction lighting.	d level, overall tower	

#### **Directional Antenna : Tower - 1**

Section	Question	Response
ASR Number	Do you have an FCC Antenna Structure Registration (ASR) Number?	
	ASR Number	
Parameters	Overall height above ground (including obstruction lighting)	60.5
	Height of radiator above base insulator, or above base, if grounded	59.3

	Electrical height of radiator	104.0
	Field Ratio	1
	Phase	0
	Spacing	0
	Tower Orientation	0
	Tower Reference Switch	0
	Is the tower toploaded, sectionalized, or neither?	Neither
Tower Parameters	A	0.0
	В	0.0
	С	0.0
	D	0.0

Directional Antenna : Tower -	2
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Section	Question	Response
ASR Number	Do you have an FCC Antenna Structure Registration (ASR) Number?	
	ASR Number	
Parameters	Overall height above ground (including obstruction lighting)	60.5
	Height of radiator above base insulator, or above base, if grounded	59.3
	Electrical height of radiator	104.0
	Field Ratio	0.63
	Phase	-71
	Spacing	113.2
	Tower Orientation	63.5
	Tower Reference Switch	0
	Is the tower toploaded, sectionalized, or neither?	Neither
Tower Parameters	A	0.0
	В	0.0
	С	0.0
	D	0.0

#### **Directional Antenna : Tower - 3**

Section	Question	Response
ASR Number	Do you have an FCC Antenna Structure Registration (ASR) Number?	
	ASR Number	
Parameters	Overall height above ground (including obstruction lighting)	60.5
	Height of radiator above base insulator, or above base, if grounded	59.3
		1

	Electrical height of radiator	104.0
	Field Ratio	0.53
	Phase	-6
	Spacing	186
	Tower Orientation	173
	Tower Reference Switch	0
	Is the tower toploaded, sectionalized, or neither?	Neither
Tower Parameters	A	0.0
	В	0.0
	С	0.0
	D	0.0

<b>Directional Antenna</b>	:	Tower	- 4	•
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Section	Question	Response
ASR Number	Do you have an FCC Antenna Structure Registration (ASR) Number?	
	ASR Number	
Parameters	Overall height above ground (including obstruction lighting)	60.5
	Height of radiator above base insulator, or above base, if grounded	59.3
	Electrical height of radiator	104.0
	Field Ratio	0.334
	Phase	-77
	Spacing	113.2
	Tower Orientation	63.5
	Tower Reference Switch	1
	Is the tower toploaded, sectionalized, or neither?	Neither
Tower Parameters	A	0.0
	В	0.0
	С	0.0
	D	0.0

# **Directional Antenna Data - Nighttime**

Section	Question	Response
Parameters	Power	0.175
	Latitude	42° 32` 39.1N
	Longitude	83° 33` 35.8W
	Theoretical RMS	140.88
	Standard RMS	148.3
	Specified Q	

Augmentation PMS	Augmentation		Augmentation
Augmentation RMS			
Augmentation Table	Central Azimuth (degrees) Span (degrees)	Radiation at Central	Azimuth (mV/m)
Site Plat and Tower Sketch	Attach an antenna site plat and a tower sketch. plat should clearly show the following items: Bour railroads, other obstructions, and the ground syst counterpoise. Number and dimensions of groun and dimensions of counterpoise. Spacing and o element in the array with respect to true north. A The tower sketch should include site elevation, above base insulator, tower height above groun height above ground without obstruction lighting above ground with obstruction lighting.	undary lines, roads, stem or d radials or height rientation of each A scale in meters. radiator height d level, overall tower	

#### Directional Antenna : Tower - 1

Section	Question	Response
ASR Number	Do you have an FCC Antenna Structure Registration (ASR) Number?	
	ASR Number	
Parameters	Overall height above ground (including obstruction lighting)	60.5
	Height of radiator above base insulator, or above base, if grounded	59.3
	Electrical height of radiator	104.0
	Field Ratio	0.622
	Phase	-117.7
	Spacing	0
	Tower Orientation	0
	Tower Reference Switch	0
	Is the tower toploaded, sectionalized, or neither?	Neither
Tower Parameters	Α	0.0
	В	0.0
	С	0.0
	D	0.0

## Directional Antenna : Tower - 2

Section	Question	Response
ASR Number	Do you have an FCC Antenna Structure Registration (ASR) Number?	
	ASR Number	
Parameters	Overall height above ground (including obstruction lighting)	60.5
	Height of radiator above base insulator, or above base, if grounded	59.3
	Electrical height of radiator	104.0
	Field Ratio	1
		,

	Phase	0
	Spacing	93
	Tower Orientation	173
	Tower Reference Switch	0
	Is the tower toploaded, sectionalized, or neither?	Neither
Tower Parameters	A	0.0
	В	0.0
	С	0.0
	D	0.0

#### **Directional Antenna : Tower - 3**

Section	Question	Response
ASR Number	Do you have an FCC Antenna Structure Registration (ASR) Number?	
	ASR Number	
Parameters	Overall height above ground (including obstruction lighting)	60.5
	Height of radiator above base insulator, or above base, if grounded	59.3
	Electrical height of radiator	104.0
	Field Ratio	0.555
	Phase	157.3
	Spacing	186
	Tower Orientation	173
	Tower Reference Switch	0
	Is the tower toploaded, sectionalized, or neither?	Neither
Tower Parameters	A	0.0
	В	0.0
	С	0.0
	D	0.0

Technical Certifications

Section	Question	Response
Environmental Effect	By checking "Yes", the applicant certifies that the facility will not have a significant environmental impact and complies with the maximum permissible electromagnetic exposure limits for controlled and uncontrolled environments (see 47 C.F.R. Section 1.1306). Unless the applicant can determine compliance through the use of the RF worksheets found on the FCC website (https://www.fcc.gov/sites/default/files/lms- radiofrequency-exposure-compliance-worksheets-radio- broadcast-stations.pdf), an Exhibit is required.	Yes

Broadcast Facility	<ul> <li>Does the proposed facility comply with the applicable engineering standards and assignment requirements of 47 C.F.R. Sections 73.23, 73.24, 73.33, 73.37, 73.45, 73.150, 73.152, 73.160, 73.182, 73.186, 73.187, 73.189, and 73.1650?</li> <li>Is the application being submitted to change the facility's community of license? If 'Yes', an exhibit is required containing information demonstrating that the proposed community of license change constitutes a preferential arrangement of assignments under Section 307(b) of the Communications Act of 1934, as amended (47 U.S.C. Section 307(b))?</li> </ul>		
Community of License Change - Section 307(b)			

Certification

Attachments

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1. 2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification § 1.2002(c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	<ul> <li>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</li> <li>Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements.</li> <li>Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization.</li> <li>Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application.</li> <li>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, §1001)</li> <li>AND/OR REVOCATION OF ANY STATION</li> <li>AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND /OR FORFEITURE (U.S. Code, Title 47, §503).</li> </ul>	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	SIMA BIRACH

File Name	Uploaded By	Attachment Type	Description	Upload Status
<u>1023741 1372248.</u> pdf	Applicant	All Purpose	Discussion of Engineering Exhibit(s)	Done with Virus Scan and/or Conversion
<u>1023741 1372267.</u> pdf	Applicant	All Purpose	Exhibit(s) 11.1 to 11.8b	Done with Virus Scan and/or Conversion

<u>1023741_1372280.</u> pdf	Applicant	All Purpose	Exhibit(s) 15.1 to 15.6	Done with Virus Scan and/ Conversion
<u>1023741_1372296.</u> pdf	Applicant	All Purpose	Exhibit(s) 16.1 to 16.4	Done with Virus Scan and/ Conversion
<u>1023741_1372338.</u> pdf	Applicant	All Purpose	Exhibit 18.1	Done with Virus Scan and/ Conversion
<u>1023741_1376211.</u> pdf	Applicant	All Purpose	OTHER BROADCAST INTERESTS	Done with Virus Scan and/ Conversion
<u>1023741_256999.</u> <u>txt</u>	Applicant	All Purpose	COMPLIANCE WITH SECTION 73.3555(A)	Done with Virus Scan and/ Conversion
<u>1023741_6153907.</u> pdf	Applicant	All Purpose	Discussion of Engineering Exhibit(s)	Done with Virus Scan and/ Conversion
<u>1023741_6153908.</u> pdf	Applicant	All Purpose	Exhibit(s) 11.1 to 11.8b	Done with Virus Scan and/ Conversion
<u>1023741_6153909.</u> pdf	Applicant	All Purpose	Exhibit(s) 15.1 to 15.6	Done with Virus Scan and/ Conversion
<u>1023741_6153910.</u> pdf	Applicant	All Purpose	Exhibit(s) 16.1 to 16.4	Done with Virus Scan and/ Conversion
<u>1023741_6153911.</u> pdf	Applicant	All Purpose	Exhibit 18.1	Done with Virus Scan and/ Conversion