



(REFERENCE COPY - Not for submission)  
 Minor Modification of Full Power AM Construction Permit (301-AM)

File Number: **BMP-20130219AAQ** | Submit Date: **02/19/2013** | Lead Call Sign: **KKCL** | FRN: **0022057137**

Service: **Full Power AM** | Purpose: **Minor Modification** | Status: **Superseded** | Status Date: **04/25/2013** | Filing Status: **Inactive**

### General Information

Section	Question	Response
<b>Attachments</b>	Are attachments (other than associated schedules) being filed with this application?	

### Fees, Waivers, and Exemptions

Section	Question	Response
<b>Fees</b>	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
	Is the applicant exempt from FCC regulatory Fees?	
<b>Waivers</b>	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
<b>ADVANCED MODULATION BROADCASTING, LLC</b> Applicant Doing Business As: ADVANCED MODULATION BROADCASTING, LLC	87 JASPER LAKE ROAD LOVELAND, CO 80537 United States	+1 (970) 669-9200	VICMICHAEL@AOL.COM	Company

### Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
<b>VICTOR A MICHAEL, JR.</b> TECHNICAL CONSULTANT	87 JASPER LAKE ROAD LOVELAND, CO 80537 United States	+1 (970) 669-9200	VICMICHAEL@AOL.COM	Technical Representative
<b>A. WRAY FITCH III</b> GAMMON & GRANGE, P.C.	8280 GREENSBORO DRIVE, 7TH FLOOR MCLEAN, VA 22102-3807 United States	+1 (703) 761-5013	AWF@GG-LAW.COM	Legal Representative

### Attributable Interest

Section	Question	Response
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<b>Multiple Ownership</b>	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.	
	Applicant certifies that the proposed facility: <ul style="list-style-type: none"> <li>(a) does not present an issue under the Commission's policies relating to media interests of immediate family members;</li> <li>(b) complies with the Commission's policies relating to future ownership interests;</li> <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 style="list-style-type: none"> <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> <li>(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</li> <li>(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)?</li> </ul>	

**Legal  
Certifications**

Section	Question	Response
<b>Character Issues</b>	Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with: <ul style="list-style-type: none"> <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>	
<b>Adverse Findings</b>	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
<b>Local Public Notice</b>	Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.	Yes

## Frequency and Facility Information

Section	Question	Response
Proposed Community of License	State	Colorado
	City	Golden
Facility Information	Frequency	1550
	Service Type	Main
	Facility Type	Commercial
	Class	B
Modes/Hour of Operation	Modes/Hour of Operation	Daytime, NightTime

## Antenna Summary Data

### Non-Directional Antenna Data - Daytime

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	
	ASR Number	
	Nominal Power	0.990
Coordinates (NAD83)	Latitude	39° 53' 30.9N
	Longitude	105° 14' 22.0W
Parameters	Theoretical RMS	302.5
	Overall height above ground (including obstruction lighting)	46
	Height of radiator above base insulator, or above base, if grounded	45.7
	Electrical height of radiator	85.0
	Is the tower top loaded, sectionalized, or neither?	Neither
	Tower Parameters	

### Directional Antenna Data - Nighttime

Section	Question	Response
Parameters	Power	0.480
	Latitude	39° 53' 30.9N
	Longitude	105° 14' 22.0 W
	Theoretical RMS	197.6
	Standard RMS	207.7
	Specified Q	
Augmentation RMS	<b>Augmentation</b>	Augmentation N
	Augmentation Table	<b>Central Azimuth (degrees) Span (degrees) Radiation at Central Azimuth (mV/m)</b>

<b>Site Plat and Tower Sketch</b>	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, radiator height above base insulator, tower height above ground level, overall tower height above ground without obstruction lighting, and overall height above ground with obstruction lighting.	
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**Directional Antenna : Tower - 1**

Section	Question	Response
<b>ASR Number</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	
	ASR Number	
<b>Parameters</b>	Overall height above ground (including obstruction lighting)	46
	Height of radiator above base insulator, or above base, if grounded	45.7
	Electrical height of radiator	85.0
	Field Ratio	1
	Phase	0
	Spacing	0
	Tower Orientation	0
	Tower Reference Switch	0
<b>Tower Parameters</b>	Is the tower toploaded, sectionalized, or neither?	Neither
	A	
	B	
	C	

**Directional Antenna : Tower - 2**

Section	Question	Response
<b>ASR Number</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	
	ASR Number	
<b>Parameters</b>	Overall height above ground (including obstruction lighting)	46
	Height of radiator above base insulator, or above base, if grounded	45.7
	Electrical height of radiator	85.0
	Field Ratio	0.78
	Phase	-335.4
	Spacing	200
	Tower Orientation	101.9
	Tower Reference Switch	1

	Is the tower toploaded, sectionalized, or neither?	Neither
<b>Tower Parameters</b>	A	
	B	
	C	
	D	

## Technical Certifications

Section	Question	Response
<b>Environmental Effect</b>	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 ( <a href="https://www.fcc.gov/sites/default/files/lms-radiofrequency-exposure-compliance-worksheets-radio-broadcast-stations.pdf">https://www.fcc.gov/sites/default/files/lms-radiofrequency-exposure-compliance-worksheets-radio-broadcast-stations.pdf</a> ), an Exhibit is required.	Yes
<b>Broadcast Facility</b>	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?	
<b>Community of License Change - Section 307(b)</b>	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))?	

## Certification

Section	Question	Response
<b>General Certification Statements</b>	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.	

<b>Authorized Party to Sign</b>	<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b></p> <p>Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application.</p> <p>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND /OR FORFEITURE (U.S. Code, Title 47, §503).</p>	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<b>VICTOR A MICHAEL, JR.</b>

## Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
<a href="#"><u>1541837_1088166.txt</u></a>	Applicant	All Purpose	OTHER OWNERSHIP INTERESTS	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_1088167.txt</u></a>	Applicant	All Purpose	MULTIPLE OWNERSHIP COMPLIANCE	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_1088168.txt</u></a>	Applicant	All Purpose	BROADCAST FACILITY REQUIREMENTS	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_1088169.txt</u></a>	Applicant	All Purpose	COMMUNITY COVERAGE COMPLIANCE	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_1088170.txt</u></a>	Applicant	All Purpose	MAIN STUDIO COMPLIANCE	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_1088171.txt</u></a>	Applicant	All Purpose	INTERFERENCE COMPLIANCE	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_1088172.txt</u></a>	Applicant	All Purpose	GROUNDWAVE INTERFERENCE COMPLIANCE	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_1088173.txt</u></a>	Applicant	All Purpose	SKYWAVE INTERFERENCE COMPLIANCE	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_1088174.txt</u></a>	Applicant	All Purpose	CRITICAL HOURS INTERFERENCE COMPLIANCE	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_1088175.txt</u></a>	Applicant	All Purpose	ENVIRONMENTAL COMPLIANCE	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_1088176.txt</u></a>	Applicant	All Purpose	307(B) COMPLIANCE	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11249969.pdf</u></a>	Applicant	All Purpose	Multiple Ownership Study	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250060.pdf</u></a>	Applicant	All Purpose	TECHNICAL STATEMENT	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250067.pdf</u></a>	Applicant	All Purpose	DAYTIME ALLOCATION MAP	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250071.pdf</u></a>	Applicant	All Purpose	DAYTIME ALLOCATION REPORT	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250075.pdf</u></a>	Applicant	All Purpose	DAYTIME CONTOUR MAP	Done with Virus Scan and/or Conversion

<a href="#"><u>1541837_11250079.pdf</u></a>	Applicant	All Purpose	DAYTIME 1000 MV/M MAP	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250086.pdf</u></a>	Applicant	All Purpose	CRITICAL HOURS COMPLIANCE REPORT	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250089.pdf</u></a>	Applicant	All Purpose	NIGHT ALLOCATION PROTECTION REPORT	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250091.pdf</u></a>	Applicant	All Purpose	NIGHT RADIATION REPORT	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250092.pdf</u></a>	Applicant	All Purpose	NIGHT RADIATION LIMIT REPORT	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250093.pdf</u></a>	Applicant	All Purpose	NIGHT PATTERN PLOT	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250094.pdf</u></a>	Applicant	All Purpose	NIGHT INTERFERENCE FREE CALCULATION REPORT	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250101.pdf</u></a>	Applicant	All Purpose	NIGHT N.I.F. CONTOUR COVERAGE	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250110.pdf</u></a>	Applicant	All Purpose	NIGHT 1000 MV/M CONTOUR	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250140.pdf</u></a>	Applicant	All Purpose	KDCO TRANSMITTER SITE PLAN	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250148.pdf</u></a>	Applicant	All Purpose	KDCO TRANSMITTER SITE SATELLITE MAP	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250149.pdf</u></a>	Applicant	All Purpose	KDCO TRANSMITTER SITE VERTICAL SKETCH PLAN	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250158.pdf</u></a>	Applicant	All Purpose	NIGHT SKYWAVE INTERFERENCE CONTOUR MAP (CBE Detail)	Done with Virus Scan and/or Conversion
<a href="#"><u>1541837_11250188.pdf</u></a>	Applicant	All Purpose	NEPA Letter status	Done with Virus Scan and/or Conversion