Approved by OMB (Office of Management and Budget) 3060-0837
September 2014

Federal Communications Commission

(REFERENCE COPY - Not for submission)
Modification of a License for an FM Auxiliary Station Application

File Number: **BXMLED-20160815ABG** | Submit Date: **08/15/2016** | Lead Call Sign: **KLSW** | Facility ID: **41861**

FRN: **0004121000**

Service: **FM Auxiliary** | Purpose: **Modification of License** | Status: **Granted** | Status Date: **09/19/2016** | Filing Status: **Active**

General Information

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

Fees, Waivers, and Exemptions

Section	Question	Response
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
EDUCATIONAL MEDIA FOUNDATION **Applicant** Doing Business As: EDUCATIONAL MEDIA FOUNDATION	5700 WEST OAKS BLVD ROCKLIN, CA 95765 United States	+1 (916) 251-1600	EFILE@EMFBROADCASTING.COM	OTH

Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
STEPHEN WILDE *RF DESIGN ENGINEER*	5700 WEST OAKS BLVD. ROCKLIN, CA 95765 United States	+1 (916) 251-1600	EFILE@EMFBROADCASTING.COM	Technical Representative
MARY O'CONNOR WILKINSON BARKER KNAUER, LLP	United States	+1 (202) 783-4141	MOCONNOR@WBKLAW.COM	Legal Representative

Legal Certifications

Section	Question	Response

Character Issues	Applicant certifies that neither the applicant nor any party to the application has or had any interest in, or connection with: (a) any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or (b) any pending broadcast application in which character issues have been raised.	No
Adverse Findings	Applicant certifies that, with respect to the applicant and any party to the application, 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 laws related to any of the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.	Yes
Program Service Certification	Applicant certifies that it is cognizant of and will comply with its obligations as a Commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.	
Local Public Notice	Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.	
Operational Compliance	Applicant certifies that it is not the licensee or permittee of the commercial primary station being rebroadcast and that neither it nor any parties to the application have any interest in or connection with the commercial primary station being rebroadcast? See 47 C.F.R. Section 74.1232(d).	
	Applicant certifies that the FM translator's (a) 1mV/m coverage contour does not extend beyond the protected contour of the commercial FM primary station to be rebroadcast, or (b) entire 1mV/m coverage contour is contained within the greater of either: (i) the 2 mV/m daytime contour of the commercial AM primary station to be rebroadcast, or (ii) a 25-mile radius centered at the commercial AM primary station's transmitter site.	
Support Compliance	The applicant, if for a commercial FM translator station with a coverage contour extending beyond the protected contour of the commercial primary station being rebroadcast, certifies that it has not received any support, before or after constructing, directly or indirectly, from the licensee /permittee of the primary station or any person with an interest in or connection with the licensee or permittee of the primary station, except for technical assistance as provided for under 47 C.F.R. Section 74.1232(e).	
Rebroadcast Certification	For applicants proposing translator rebroadcasts that are not the licensee of the primary station, the applicant certifies that written authority has been obtained from the licensee of the station whose programs are to be retransmitted.	
Financial	The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.	
Fair Distribution of Service Pursuant to 47 U.S.C. Section 307(b)	Applicant certifies that the proposed station will provide a first rural (reception) service.	

	Applicant certifies that: (a) it is a Tribal Applicant, as defined in 47 C.F.R. Section 73.7000; (b) the facilities proposed in this Application will provide Tribal Coverage, as defined in 47 C.F.R. Section 73.7000, of Tribal Lands occupied by the applicant Tribe(s); (c) the proposed community of license is located on Tribal Lands, as defined in 47 C.F.R. Section 73.7000; and (d) the proposed facility would be the first local Tribal-owned noncommercial educational transmission service at the proposed community of license	
	Applicant certifies that the proposed station will provide a first noncommercial educational aural service to (a) at least 10 percent of the people residing within the station's 60 dBu (1mV/m) service contour and (b) to a minimum of 2,000 people.	
	Applicant certifies that the proposed station will provide a second noncommercial educational aural service, or an aggregated first and second noncommercial educational aural service, to (a) at least 10 percent of the people residing within the station's 60 dBu (1 mV/m) service contour and (b) to a minimum of 2,000 people.	
Auction Authorization	If the application is being submitted to obtain a construction permit for which the applicant was the winning bidder in an auction, then the applicant certifies, pursuant to 47 C.F.R. Section 73.5005(a), that it has attached an exhibit containing the information required by 47 C.F.R. Sections 1.2107(d), 1.2110(i), 1.2112(a) and 1.2112(b), if applicable.	
Tribal Priority – Threshold Qualifications	Is the Applicant applying for an FM allotment set forth in a Public Notice announcing a Tribal Threshold Qualifications window?	
Petition for Rulemaking /Counterproposal to Add New FM Channel to FM Table of Allotments	This application is being submitted concurrently with a Petition for Rulemaking or Counterproposal to Amend the FM Table of Allotments (47 C.F.R. Section 73.202) to add a new FM channel allotment. The petitioner/counter-proponent certifies that, if the FM channel allotment requested is allotted, petitioner/counter- proponent will apply to participate in the auction of the channel allotment requested and specified in this application.	

Channel and Facility Information

Section	Question	Response
Program Test Authority	The application is operating pursuant to automatic program test authority	
	The applicant is requesting program test authority	
Proposed Community of License	State	Washington
	City	COVINGTON
	Channel	283
	Frequency	104.5
Facility Type	Facility Type	Noncommercial Educational
Station Class	Station Class	C2

Antenna Location Data

Section	Question	Response

Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1056824
Coordinates (NAD83)	Latitude	47° 32' 34.4" N+
	Longitude	122° 06' 29.4" W-
	Structure Type	
	Overall Structure Height	93 meters
	Support Structure Height	
	Ground Elevation (AMSL)	
Antenna Data	Height of Radiation Center Above Ground Level	Horizontal:80 meters Vertical:80 meters
	Height of Radiation Center Above Average Terrain	Horizontal:388 meters Vertical:388 meters
	Height of Radiation Center Above Mean Sea Level	Horizontal:514 meters Vertical:514 meters
	Effective Radiated Power	Horizontal:7.1 kW Vertical: 7.1 kW
	Transmitter Power Output	1.706 kW

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional
Transmitting Antenna	Manufacturer:	SHI
	Model	6014-6/2-DA, six sections 1.06 wavelength spaced
	Antenna Number of Sections:	6
	Antenna Spacing Between Sections:	1.1

Directional Antenna Relative Field Value

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.0	**90**	0.25	**180**	1.0	**270**	0.95
10	1.0	**100**	0.25	**190**	1.0	**280**	0.95
20	0.85	**110**	0.25	**200**	1.0	**290**	0.95
30	0.68	**120**	0.3	**210**	1.0	**300**	0.95
40	0.55	**130**	0.37	**220**	1.0	**310**	1.0
50	0.45	**140**	0.45	**230**	1.0	**320**	1.0
60	0.37	**150**	0.55	**240**	1.0	**330**	1.0
70	0.3	**160**	0.68	**250**	1.0	**340**	1.0
80	0.25	**170**	0.85	**260**	0.95	**350**	1.0

Additional Azimuths

Degree	Value

Technical Certifications

Section	Question	Response
Constructed Facility	The facility was constructed as authorized in the underlying construction permit or complies with 47 C.F.R. Section 73.1690?	
Special Operating Conditions	Was the facility constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit?	
Environmental	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	

Modification of License Certifications

Section	Question	Response
Change in effective radiated power, transmitter output power, replacing a directional or non-directional antenna, deleting contour protection status, or correcting coordinates	Is this application being filed to authorize a change in Effective Radiated Power and/or a change in transmitter output power, and/or replacing a directional or non-directional antenna and/or deleting contour protection status and/or correcting coordinates, as authorized by 47 CFR Sections 73.1690(c)(1) through (c)(11)?	
Using a formerly licensed main facility as an auxiliary facility.	Is this application being filed pursuant to 47 CFR Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility?	
Change the license status	Is this application being filed to authorize a change in license status from commercial to non-commercial or from noncommercial to commercial, pursuant to 47 CFR Section 73.1690(c)(9)?	
Change in hours of operation	Is this application being filed to authorize a change in hours of operation?	
Replacement of Antenna	Is this application being filed to authorize the replacement of the licensed nondirectional antenna with another nondirectional antenna within 2 meters above or 4 meters below the licensed antenna center of radiation? See 47 CFR Section 73.875(c)(1)?	
Replacement of transmission line	Is this application being filed to authorize a replacement of the transmission line that resulted in a change in licensed transmitter power output, but not the effective radiated power? See 47 CFR Section 73.875(c)(2)?	

Certification

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	**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID** 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. 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).	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**MIKE NOVAK**

Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
1734607_24516550.pdf	Applicant	All Purpose	Character Issues	Done with Virus Scan and/or Conversion
1734923_1413910.txt	Applicant	All Purpose	WAIVER OF 47 C.F.R. SECTION 73.1125	Done with Virus Scan and/or Conversion
1734923_1413911.txt	Applicant	All Purpose	TRANSMITTER POWER OUTPUT	Done with Virus Scan and/or Conversion
1734923_24683354.pdf	Applicant	All Purpose	Exhibit 29 - Compliance with 47 C.F.R. Section 73.1675(a)	Done with Virus Scan and/or Conversion