



Approved by OMB (Office of Management and Budget) 3060-0386  
July 2002

(REFERENCE COPY - Not for submission)  
FM Translator Engineering STA Application

File Number: 0000213363 | Submit Date: 04/03/2023 | Lead Call Sign: K224DL | Facility ID: 60136 |

FRN: 0004121000

Service: FM Translator | Purpose: Engineering STA | Status: Granted | Status Date: 04/04/2023 | 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
Fees	Is the applicant exempt from FCC application Fees?	Yes
	Indicate reason for fee exemption:	Non Commercial License
	Is the applicant exempt from FCC regulatory Fees?	Yes
Waivers	Does this filing request a waiver of the Commission's rule (s)?	No
	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 Doing Business As: EDUCATIONAL MEDIA FOUNDATION	5700 WEST OAKS BLVD ROCKLIN, CA 95765 United States	+1 (916) 251-1600	EFILE@EMFBROADCASTING.COM	NFP

Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
Mary N O'Connor WILKINSON BARKER KNAUER, LLP	Mary O'Connor 1800 M. STREET, N.W. SUITE 800N Washington, DC 20036 United States	+1 (202) 383-3351	MOCONNOR@WBKLAW.COM	Legal Representative
James L Travis FCC COMPLIANCE ENGINEER Educational Media Foundation	James Travis 5700 WEST OAKS BLVD. Rocklin, CA 95765 United States	+1 (916) 251-1600	EFILE@EMFBROADCASTING.COM	Technical Representative

STA Purpose

Section	Question	Response
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Channel and Facility Information

STA Purpose	This Special Temporary Authority is requested for use of:	Other antenna system
Section	Question	Response
Proposed Community of License	State	Oregon
	City	PORTLAND
	Channel	224
	Frequency	92.7
Facility Type	Facility Type	Noncommercial Educational

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1207367
Coordinates (NAD83)	Latitude	45° 30' 57.8" N+
	Longitude	122° 44' 03.1" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	301.7 meters
	Support Structure Height	280.7 meters
	Ground Elevation (AMSL)	322.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	Horizontal:0 meters Vertical:30 meters
	Height of Radiation Center Above Mean Sea Level	Horizontal:0 meters Vertical:352.8 meters
	Effective Radiated Power	Horizontal:0 kW Vertical: 0.099 kW

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional
Primary Station	Call Sign	KLVP
	Facility ID	12501
	Frequency	97.9
	Channel	250
	Service Code	FM
	City	ALOHA
	State	OR
Delivery Method	Delivery Method	Direct-off-air
	If Other, Please specify:	

Directional Antenna Relative Field Value

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.03	90	0.716	180	0.513	270	0.03
10	0.03	100	0.84	190	0.354	280	0.03
20	0.03	110	0.931	200	0.158	290	0.03
30	0.03	120	0.99	210	0.042	300	0.03
40	0.03	130	0.997	220	0.03	310	0.03
50	0.074	140	0.969	230	0.03	320	0.03
60	0.234	150	0.899	240	0.03	330	0.03
70	0.421	160	0.793	250	0.03	340	0.03
80	0.573	170	0.661	260	0.03	350	0.03

Additional Azimuths

Degree	Value
128	1.0

STA  
Certifications

Section	Question	Response
Environmental Effect	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)	No

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	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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.	<b>Todd Woods</b> <i>CEO</i>  04/03/2023

Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
<u>Justification Eng STA K224DL.pdf</u>	Applicant	STA Purpose	K224DL Justification for Eng STA	Done with Virus Scan and/or Conversion
<u>K224DL Licensed and STA 60dbu Contours.pdf</u>	Applicant	STA Purpose	K224DL Licensed and Proposed Service Contours	Done with Virus Scan and/or Conversion