

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

MAINE PUBLIC BROADCASTING CORPORATION
1450 Lisbon Street
Lewiston, ME, 04240

Call Sign	File Number
WMEA-TV	0000239118

Facility ID: 39656

NTSC TSID: 1436

Digital TSID: 1437

This License Modifies License No. 0000108722

ATSC 3.0

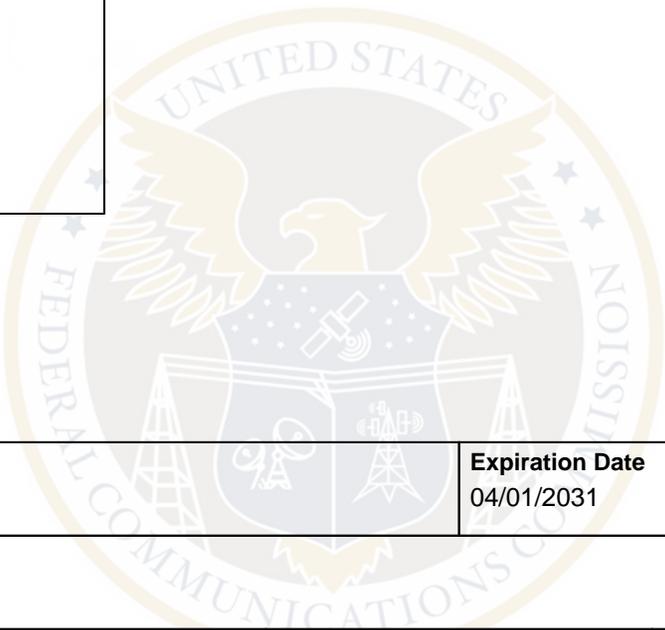
Grant Date 08/15/2019		Expiration Date 04/01/2031	
Hours of Operation Unlimited			
Station Location City WATERVILLE State ME		Frequency (MHz) 488.0 - 494.0	Station Channel 17
Facility Type Commercial			

Antenna Structure Registration Number 1024383	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 43-55-29.0 N Longitude 70-29-27.0 W	Antenna Type Directional
Description of Antenna Make DIELECTRIC Model TFU-26DSC/VP-R C130	

Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 30.0	Maximum Effective Radiated Power (Average) 1000 kW 30.00 DBK
Height of Radiated Center Above Ground (Meters) 465.5	Height of Radiated Center Above Mean Sea Level (Meters) 595.0
Height of Radiated Center Above Average Terrain (Meters) 479	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

ATSC 1.0



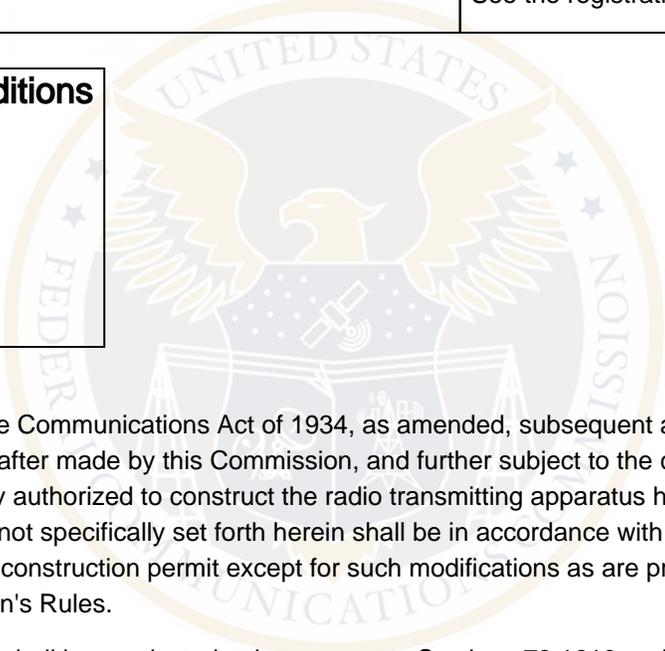
Call Sign	Facility ID
WMEA-TV	39656

Grant Date 04/24/2024	Expiration Date 04/01/2031	
Hours of Operation Unlimited		
Station Location City BIDDEFORD State ME	Frequency (MHz) 602.0 - 608.0	Station Channel 36
Facility Type Noncommercial Educational		

Antenna Structure Registration Number 1037792	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 43-25-0.3 N Longitude 70-48-15.2 W	Antenna Type Directional

Description of Antenna Make Dielectric Model TFU-18ETT-R S240	
Antenna Beam Tilt (Degrees Electrical) 0.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 90.0	Maximum Effective Radiated Power (Average) 149 kW 21.73 DBK
Height of Radiated Center Above Ground (Meters) 157.4	Height of Radiated Center Above Mean Sea Level (Meters) 349.4
Height of Radiated Center Above Average Terrain (Meters) 231	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions



Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.