

# (REFERENCE COPY - Not for submission) Direct Measurement of Power Application (302-AM)

File Number:BZ-19980218KDSubmit Date:02/18/1998Lead Call Sign:WQCDFRN:0024187643Service:Full Power AMPurpose:Direct Measurement of PowerStatus:GrantedStatus Date:04/03/1998Filing Status:Inactive

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 Name, Type, and Contact Information				
Applicant	Address	Phone	Email	Applicant Type
Contact Name	Address	Phone	Email	Contact Type
	Applicant	Applicant Address	Applicant Address Phone	Applicant Address Phone Email

Legal Certifications	Section	Question	Response
	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>	

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.	
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### Frequency and Facility Information

Section	Question	Response
Filing Type of License	filing type	Direct Measurement Of Power
Proposed Community of License	State	Ohio
	City	Delaware
Facility Information	Frequency	1550
	Service Type	Main
	Facility Type	Commercial
	Class	D
Modes/Hour of Operation	Modes/Hour of Operation	

#### Antenna Summary Data

## Directional Antenna Data - Daytime

Section	Question	Response		
Parameters	Nominal Power	0.500		
	Antenna Input Power	0.540		
	RF common point or antenna current without modulation	3.110		
	Measured antenna or common point resistance at operating frequency	0.75		
	Latitude	40° 17` 56.2N		
	Longitude	83° 2` 45.7W		
	Excitation			
	Antenna Monitor Manufacturer	POTOMAC INSTRUMENTS AM-19D (210)		
	Antenna Monitor Type			
Towers	Tower Field Ratio Phase (de	g.) ASRN Overall Ht. (m) AGL w/o light(m)	AGL w light(m)	Tower Typ
	1 1.0000000	0000000	37.5	Neither
	2 1.0000000	0000000	37.5	Neither
Tower Description		on of the towers (uniform cross section, guyed, top-lo arding any other antennas mounted on the tower.	baded, or such) w	vith details,
Ground System Description	Attach as an exhibit, a complete	e description of the ground system.		

Antenna or Common Point Resistance	Attach as an exhibit, reasons fo	r any change in antenna or common point resistance, if applicable.
Antenna Performance	Proof of Performance	
	Ground System Description	Attach as an exhibit, an engineering statement describing the techniques and software used in the moment method model. Include a complete description of the sampling system and related measurements. If base sampling is specified, an exhibit of the circuit model must be provided. A tower survey certification must also be included unless the station is exempt per Section $73.151(c)(1)(ix)$ . The station must meet all the requirements specified in Section $73.151$ .
	Description of Sampling System	
	Sampling System Certification	Yes

#### **Directional Antenna Data - Nighttime**

Section	Question	Respor	se			
Parameters	Nominal Power	0.029				
	Antenna Input Power	0.031				
	RF common point or antenna current without modulation	56.000				
	Measured antenna or common point resistance at operating frequency	56				
	Latitude	null° nu	l` nullnull			
	Longitude	null° nu	l` nullnull			
	Excitation					
	Antenna Monitor Manufacturer	POTON	AC INSTRUMENTS AM	I-19D (210)		
	Antenna Monitor Type					
Towers	Tower Field Ratio Phase (de	eg.)	ASRN Overall Ht. (m)	AGL w/o light(m)	AGL w light(m)	Tower Typ
	1 1.000000	000000000			37.5	Neither
	2 1.000000	000000000000000000000000000000000000000			37.5	Neither
Tower Description	Attach as an exhibit, a descript dimensions and information reg				oaded, or such) v	vith details,
Ground System Description	Attach as an exhibit, a complet	te descript	on of the ground system			
Antenna or Common Point Resistance	Attach as an exhibit, reasons fo	or any cha	nge in antenna or comm	on point resistance	e, if applicable.	
Antenna	Proof of Performance					
Performance	Ground System Description	softwar the sam an exhi must al	as an exhibit, an enginee e used in the moment me pling system and related bit of the circuit model me so be included unless the ion must meet all the red	ethod model. Includ d measurements. It ust be provided. A e station is exempt	de a complete de f base sampling is tower survey cer per Section 73.1	scription of s specified, tification 51(c)(1)(ix).

Description of Sampling System	
Sampling System Certification	Yes

License Certifications	Section	Question	Response
	Correcting Coordinates	Is this application being filed to correct coordinates as authorized by 47 CFR Section 73.1690(c)(11)?	
	Change in License Status	Is this application being filed to authorize a change in license status from commercial to non-commercial or from non-commercial to commercial, pursuant to 47 CFR Section 73.1690(c)(9)?	

## 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	<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.	