

MULLANEY ENGINEERING, INC.

9049 SHADY GROVE COURT
GAITHERSBURG, MD 20877

ENGINEERING EXHIBIT EE-LIC:

**LPTV STATION WARZ-LP(CA)
WATERS & BROCK COMMUNICATIONS, INC.
SMITHFIELD-SELMA, NORTH CAROLINA**

Ch. 34- CLASS A LPTV 12 KW-DA

NOVEMBER 14, 2002

**ENGINEERING STATEMENT IN SUPPORT OF
A LICENSE APPLICATION FOR A
MODIFIED LPTV / CLASS A STATION
USING A DIRECTIONAL ANTENNA SYSTEM**

File No. BMPTTA-20021108AAN - Facility ID: 71089

EXHIBIT 14 OF FCC FORM 302-CA

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Declaration

I, John J. Mullaney, declare and state that I am a graduate electrical engineer with a B.E.E. and my qualifications are known to the Federal Communications Commission, and that I am an principal engineer in the firm of Mullaney Engineering, Inc., and that I have provided engineering services in the area of telecommunications since 1977. My qualifications as an expert in radio engineering are a matter of record with the Federal Communications Commission.

The firm of Mullaney Engineering, Inc., has been requested by Waters & Brock Communications, Inc., to prepare the instant engineering exhibit in support of a license application for Class A LPTV Station WARZ-LP(CA) (FCC Facility ID Number: 71089).

All facts contained herein are true of my own knowledge except where stated to be on information or belief, and as to those facts, I believe them to be true. Information concerning the technical equipment installed and compliance with special conditions was obtained directly from the licensee. No on-site inspection of the facility by Mullaney Engineering was made. I declare under penalty of perjury that the foregoing is true and correct.

/s/ John J. Mullaney

John J. Mullaney, Consulting Engineer

Executed on the 14th day of November 2002.

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NARRATIVE STATEMENT:

This engineering statement has been prepared on behalf of Waters & Brock Communications, Inc., permittee of LPTV Station WARZ-LP(CA) at Smithfield-Selma, North Carolina (Facility ID 71089). The purpose of this statement is to inform the Commission that construction has been completed and that the new facility complies completely with its outstanding construction permit (BMPTTA-20021108AAN). In accordance with the rules the facility is operating pursuant to automatic program test authority, at full power.

In accordance with the rules, WARZ-LP(CA) coordinated the times and locations of construction such that no worker was exposed to excessive R.F. levels. The facility is in full compliance with both the “controlled” & “un-controlled” FCC Radiation Guidelines

Table A is a summary of the technical facilities installed.

Required Certifications

WARZ-LP certifies that the transmitter has been type accepted and meets the frequency tolerance of ± 1 kHz. It is further stated that RF exposure signs are in place and no workers were exposed during construction.

“As Built Facility”

The newly constructed facility does not significantly differs from those currently authorized.

Environmental Assessment Statement

The tower is surrounded by a locked fence to limit inadvertent access. Workers employed to climb the tower or work in a potential overexposure location will not be permitted to enter the work area until cleared by the station manager or other responsible person. Appropriate warning signs are posted to ensure safety. If deemed to be necessary, the station will establish and enforce work rules and safety procedures applicable in a potential over-exposure area. It is recognized that maintenance or installation work on or near the antenna may require the station to completely shutdown or switch temporarily to an auxiliary antenna or an auxiliary transmitter site.

SUMMARY

Waters & Brock Communications, Inc., permittee of LPTV Station WARZ-LP(CA) herein files its license application indicating that construction of its new Class A facility has been completed and that the facility complies with its outstanding construction permit.

/s/ John J. Mullaney

John J. Mullaney, Consulting Engineer

November 14, 2002.

Table A

Summary of Technical Facilities Installed

Call:	WARZ-LP(CA)
City/State:	Smithfield-Selma, North Carolina
Facility ID:	71089
Channel:	34- 590-596 MHz
C.P. Number:	BMPTTA-20021108AAN
Coordinates:	35-31-46 / 78-18-07 NAD-27
Tower ASR:	1205989
Tip Height:	121.9 M AGL
Antenna C.R.:	114.3 M AGL 161.2 M AMSL
ERP:	12 kW-DA H
Antenna Make:	Shively 2050-16
OMNI:	No
Ant. Gain:	13.65 dB or 23.17 times input (pattern & elevation gain)
Coax Efficiency:	61.7 % (-2.1 dB) Andrew HJ7-50A 1-5/8" 122 meters
TPO:	0.84 kW (-0.75 dBk)