

## **EXHIBIT 24**

WOGIEXH24.DOC

Technical Statement in Support of  
Application for Construction Permit FCC Form 301  
Change City of License Pursuant to  
MM Docket No. 00-42, RM-9826  
Released May 4, 2001  
WOGI (FM), 252A, Duquesne, Pennsylvania  
Keymarket Licenses, LLC

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### **INTRODUCTION**

This technical statement, attached data, and exhibits supply the necessary information for filing an FCC Form 301, application for construction permit to change city of license for FM station WOGI (FM), 252A, Charleroi, to 252A, Duquesne, Pennsylvania pursuant to MM Docket No. 00-42, RM-9826. The proposed antenna will be mounted on an existing structure and the proposed station operation meets or exceeds the Commission's Rules. The author of this report, technical exhibits, and FCC Form 301 application is the Managing Member and Technical Director of the Applicant.

### **SITE SPECIFICATIONS AND PROPOSED OPERATION**

The proposed site does comply with 47 C.F.R. Section 73.207 of the Commission's Rules with respect to all stations and allocations. WOGI (FM) proposes to operate with 3.5 kilowatts at 134 meters above average terrain. This is equivalent to 6 kilowatts at 100 meters above average terrain, full Class A station operation.

### **DUOPOLY**

The herein proposed operation of WOGI (FM) meets 47 C.F.R. Section 73.3555(a) of the Commission's Rules since no other station owned or operated by the applicant overlaps with its proposed 70 dbu city grade predicted contour.

### **INTERFERENCE CONSIDERATIONS**

There are several FM and TV stations located within 10 kilometers of the proposed site. The applicant will employ such measures as necessary to assure operation in accordance with 47 C.F.R. Section 73.317 and also agrees to rectify complaints of interference in accordance with 47 C.F.R. Section 73.318 of the Commission's Rules.

## FAA AND ENVIRONMENTAL CONSIDERATIONS

A grant of this application would not cause any significant environmental impact because the proposed facilities for WOGI (FM) will be installed on existing structure ASR# 1028562 and no new construction is proposed. Therefore, no effect will be caused on any officially designated wilderness area, wildlife preserve, or floodplain. The facilities proposed herein would not affect any buildings, sites, structures, or districts concerning American history, architecture, archeology or culture as listed in the National Register of Historic Places. No FAA Form 7460-1 has been filed.

## TERRAIN DATA AND PREDICTED COVERAGE CONTOURS

The terrain data used in preparation of the FCC Form 301 was supplied by RadioSoft computer services. The proposed site, radials used for terrain analysis, and all contours are calculated in accordance with 47 C.F.R Section 73.313 of the Commission's Rules.

## RADIOFREQUENCY RADIATION COMPLIANCE

To evaluate the radiofrequency radiation energy at this site OET Bulletin No. 65 entitled, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields" was used. This document and its updates were employed to calculate the ground level radiofrequency density at this site.

WOGI (FM) proposes operation of its new facilities on a tower that supports several FM broadcast stations. The following chart shows proposed operation of WOGI (FM) and the other stations on the tower, their frequency, effective radiated power, antenna center of radiation height above ground, and calculated general public ANSI percentage at two meters above ground level.

<u>Station</u>	<u>Freq. (MHz)</u>	<u>ERP(H+V)</u>	<u>Meters AG</u>	<u>ANSI%</u>
WOGI (FM)	98.3	7.0	82	18.2
WDSY (FM)	107.9	35.0	206	14.0
WJJJ (FM)	104.7	38.0	185	18.9
WZPT (FM)	100.7	29.0	231	9.2

By adding all four stations calculated uncontrolled (general access) area exposure for 2 meters above ground level it can be seen that the site is in full compliance with the addition of the proposed operation of WOGI (FM) since the ANSI level is 60.3% of the maximum allowable exposure for uncontrolled environments as per OET Bulletin No. 65.

The site is fenced with a locked gate at the base of the tower and posted to prevent anyone from the general public, or unauthorized persons access to the tower and areas where radiofrequency radiation exceeds levels as recommended in the OET Bulletin. Suitable procedures such as power reduction or termination of station operation will be employed when workers are to service any area on the tower where radiofrequency levels exceed those as recommended in the OET Bulletin.

## AFFIDAVIT

This statement has been prepared by Lynn A. Deppen, Managing Member and Technical Director for the Applicant and holder of General Radiotelephone License PG-

3-9140. All facts and figures contained herein are true and presented to the best of my knowledge.

\_\_\_\_\_ June 18, 2001 \_\_\_\_\_  
Date

\_\_\_\_\_ Lynn A. Deppen \_\_\_\_\_  
Lynn A. Deppen