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ENGINEERING EXHIBIT EE-1:

**KM LPTV OF CHICAGO-28, L.L.C.
CLASS A DIGITAL TELEVISION STATION
WOCH-CA
FCC FACILITY NUMBER
35101**

CHANNEL 49, CHICAGO, IL - DIGITAL

JUNE, 2009

**IN SUPPORT OF
AN APPLICATION FOR AUTHORITY TO MAKE
CHANGES IN CLASS A TELEVISION BROADCAST STATION
WOCH-CA
CHICAGO, ILLINOIS**

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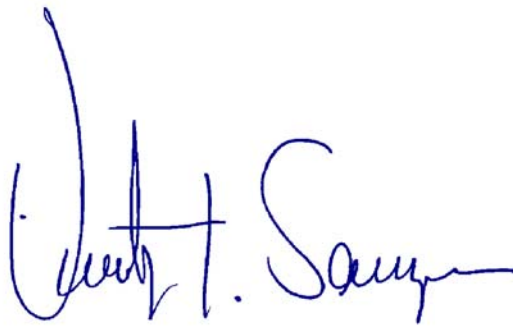
1. F.C.C. Form 301, Section III
2. F.C.C. Form 301, Section III (certification)
3. Declaration of Engineer
4. Narrative Statement
5. Figure 1, Predicted Service Contours
6. Figure 2, Directional Antenna Details
7. Figure 3, Allocation Study

DECLARATION

I, Timothy Z. Sawyer, declare and that I have provided engineering services in the area of telecommunications since 1969. My qualifications are a matter of record with the Federal Communications Commission. I am a senior engineer with the firm of Mullaney Engineering, Inc., consulting radio telecommunications engineers with offices in Gaithersburg, Maryland.

The firm of Mullaney Engineering, Inc., has been retained by KM LPTV OF CHICAGO-28, L.L.C., to prepare the instant engineering exhibit in support of **an application for authority to make changes in CLASS A TELEVISION STATION WOCH-CA Chicago, Illinois.** (FCC FACILITY ID NUMBER: 35101).

All facts contained herein are true of my own knowledge except those stated to be on information and belief, and as to those facts, I believe them to be true. I declare under the penalty of perjury that the foregoing is true and correct.



Timothy Z. Sawyer

Executed on the 30th day of June 2009

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CHANNEL 49, CHICAGO, IL - DIGITAL

JUNE 2009

NARRATIVE STATEMENT:

I. GENERAL:

This engineering statement and the instant engineering exhibit of which it is part has been prepared on behalf of KM LPTV OF CHICAGO-28, L.L.C., (hereinafter "KM").

KM holds a construction permit for a Class A Digital Television Station WOCH-CA, Channel 49, Chicago, Illinois, FCC facility identification number 35101. This application seeks to modify the construction permit to specify a different directional antenna pattern and effective radiated power. No other changes are proposed.

The proposed digital facilities will operate on digital Television Channel 49 with a maximum effective radiated power of 8.5-kilowatts and an antenna height above mean sea level of 536.4 meters using a directional antenna.

The proposed facilities will be built to comply with the *FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields* and the instant proposal is categorically excluded from environmental processing pursuant to the provisions of Section 1.1306 of the Commission's Rules. A more detailed discussion of environmental factors is included under the heading Environmental Considerations below.

Information requested by exhibits in response to questions on Section III of FCC Form 301-CA is incorporated in the following paragraphs, figures and/or tables.

Processing of this application is requested under the rules currently in effect at the time of filing.

ENGINEERING DISCUSSION

PROPOSED FACILITIES

This application proposes digital operation on Television Channel 49, at the current transmitter site with a directional antenna pattern. No change in the station location, or antenna height will occur.

Figure 2 contains a horizontal radiation (relative field) pattern of the proposed directional horizontal radiation pattern. The antenna will employ elliptical/circular polarization with equal power ratio between horizontal and vertical polarization.

ALLOCATION CONSIDERATIONS

A study has been conducted to assure that the proposal will not create prohibited interference with other licensed, authorized or pending analog or digital full-service Television Stations, LPTV Stations, or Television Translator Stations) or Class A Television Stations.

Using the procedures outlined in the FCC's OET-69 Bulletin, a 2-kilometer cell size resolution and 2000 U.S. Census, the proposal complies with the current FCC policy (i.e., less than 0.5% new interference caused to other pertinent assignments).

Each station of concern has been analyzed using the methods described in OET Bulletin No. 69, and the results indicate that no interference

(unmasked) or interference above 0.5% of the service population of the station studied will occur.

The results of the OET Bulletin No. 69 styled study are contained with Figure 3.

ENVIRONMENTAL CONSIDERATIONS

The applicant believes its proposal will not significantly affect the environment for the following reasons.

This is an existing communications roof-top site with no new construction of towers, support buildings or other environmental sensitive items required. The site and this proposal are exempt from NHPA Section 106 review as no construction will occur that would trigger a review under NHPA Section 106.

The proposal does not meet any of the criteria specified in Section 1.1307 of the FCC Rules. More specifically, the proposed facilities are not known to fall within any of the categories enumerated in Sections 1.1307(a)(1)-(7) and will not involve the use of high intensity white lights. Furthermore, operation of the proposed facility will not involve the exposure of workers or the general public to levels of radio frequency electromagnetic fields exceeding guidelines adopted by the Federal Communications Commission. (The current FCC guidelines are based upon criteria contained in the National Council of Radiation Protection and Measurements (NCRP) Report No.86 (1986) and ANSI/IEEE C95.1-1992.)

With regard to the last item, the WOCH-CA antenna is to be mounted on atop the John Hancock building in a very complex radiofrequency environment. The building roof is inaccessible to the general public and is a very restricted area.

Based upon a worst case downward relative field value of 0.3 for all angles 10-degrees and greater below the horizon and a maximum power of 17-kilowatts (8.5-kilowatts vertical polarization and 8.5-kilowatts horizontal polarization), and an antenna height of 53 meters above the rooftop. The power density level 2-meters above the roof top is predicted to be 0.0139 mW/cm² or less. The computed power density is 0.61 percent of the Commission's guidelines for a controlled area and 3.053 percent of an uncontrolled area - no further study of this proposal is required.

The applicant will fully-cooperate and coordinate with all site users as required by the Commission's rules.

The proposal does not meet any of the criteria specified in Section 1.1307 of the FCC Rules. More specifically, the proposed facilities are not known to fall within any of the categories enumerated in Sections 1.1307(a)(1)-(7) and will not involve the use of high intensity white lights.

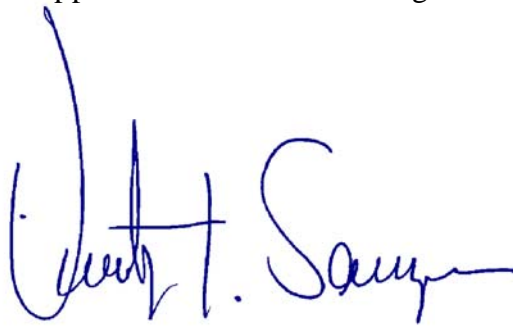
II SUMMARY:

The proposed digital Class A Television Station will operate on Digital Television Channel 49 with a maximum ERP 8.5-Kilowatts, with elliptical/circular polarization, utilizing a DIRECTIONAL antenna system. The estimated digital transmitter power output (TPO) is 0.500 kilowatts.

Operation as proposed herein would not cause/increase any normally prohibited contour overlap using a terrain dependant - OET Bulletin No. 69 review, and would not have any significant impact on the environment. The proposed operation will not create any new prohibited interference.

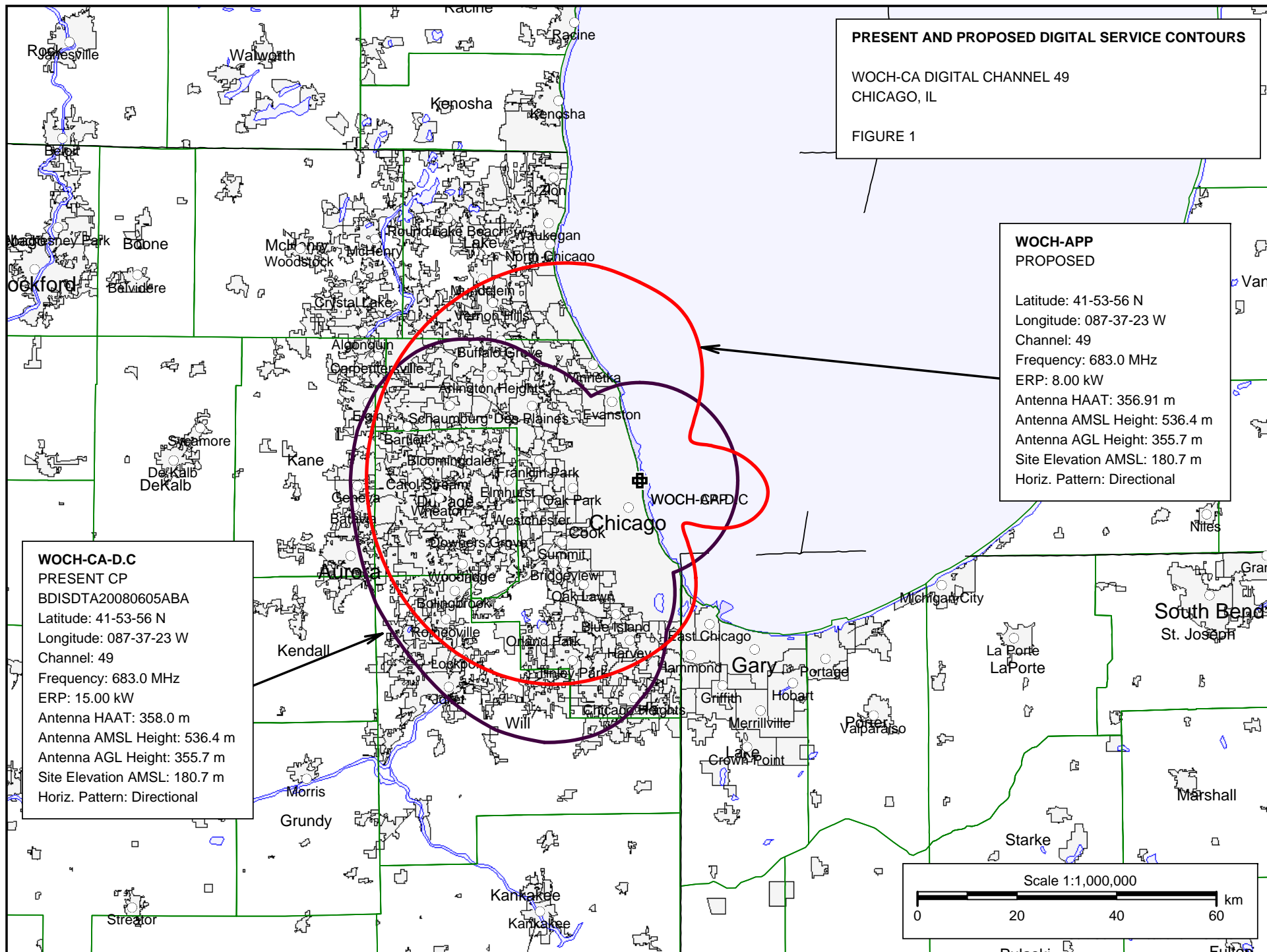
The proposed operation is fully in compliance with all other areas of the Commission's rules and applicable international agreements.

30 June 2009

A handwritten signature in blue ink, reading "Timothy Z. Sawyer". The signature is written in a cursive style with a large initial "T" and "S".

Timothy Z. Sawyer

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PSI CUS-WOCH DIRECTIONAL ANT. PATTERN FIG. 2

Azimuth (deg)	Effective Field
0.0	0.255
10.0	0.195
20.0	0.133
30.0	0.072
40.0	0.033
50.0	0.019
60.0	0.023
70.0	0.036
80.0	0.054
90.0	0.073
100.0	0.077
110.0	0.062
120.0	0.039
130.0	0.020
140.0	0.021
150.0	0.055
160.0	0.104
170.0	0.146
180.0	0.194
190.0	0.260
200.0	0.354
210.0	0.466
220.0	0.583
230.0	0.696
240.0	0.801
250.0	0.893
260.0	0.965
270.0	0.996
280.0	0.991
290.0	0.968
300.0	0.899
310.0	0.798
320.0	0.690
330.0	0.578
340.0	0.463
350.0	0.348
275.0	1.000 MAX

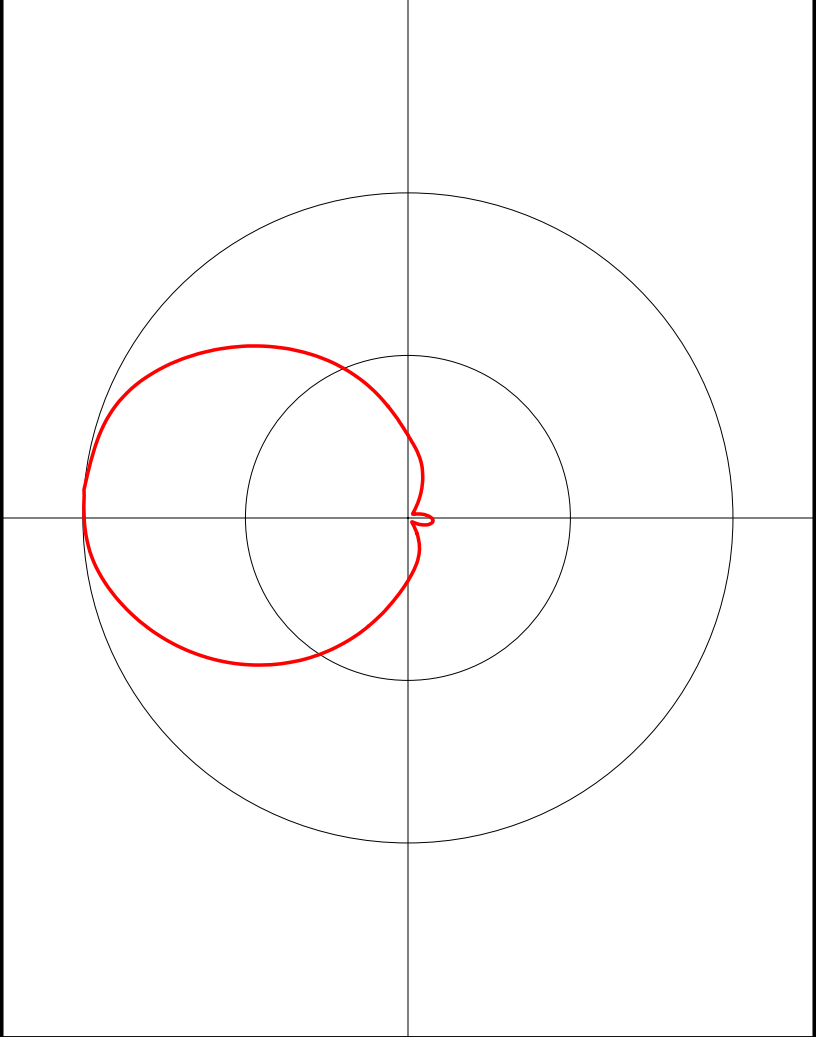


FIGURE 3 OET BULLETIN NUMBER 69 INTERFERENCE STUDY SUMMARY

Outgoing Interference Population Report

WOCH-APP (49) Chicago, IL -
Broadcast Type: Digital Service: C [Stringent Emission Mask]
Lat: 41-53-56 N Lng: 087-37-23 W ERP: 8.0 kW AMSL: 536.4 m
TV Outgoing Interference Study
Signal Resolution: 1.0 km
Consider NTSC Taboo: Yes
KWX error points are considered to
be interference free coverage.
Default # of radials computed for contours: 360
Contours calculated using 8 radial HAAT.
LR Profile Spacing Increment: 1.0 km
Masked interference points are being
counted as interference.
Using LPTV/translator D/U rules.
Pop Centroid DB: 2000 US Census (SF1)
Primary Terrain: NED 3 Second US Terrain
Secondary Terrain: V-Soft 30 Second World Terrain
Population Database: 2000 US Census (SF1)

----- Stations Considered:

Call Letters	City	State	Dist	Bear
WEDE-CA (34Z)	Arlington Heights	IL	2.5	206.0
WOCH-CA.A (41Z)	Chicago	IL	0.0	0.0
WOCH-CA.A (41Z)	Chicago	IL	0.0	0.0
WOCH-CA (41Z)	Chicago	IL	0.0	0.0
W64CQ.A (42-)	Arlington Heights	IL	39.8	311.8
W64CQ.C (42-)	Arlington Heights	IL	39.8	311.8
WTTW (47)	Chicago	IL	2.5	205.0
WHME-D (48)	SOUTH BEND	IN	126.2	105.0
WHME-TV-D (48)	South Bend	IN	126.2	105.0
WHME-TV-D.A (48)	South Bend	IN	126.2	105.0
WBME-TV-D (48)	Racine	WI	107.8	350.3
WBME-TV-D.C (48)	Racine	WI	137.1	349.5
WBME-TV-D.A (48)	Racine	WI	137.1	349.5

Call	Area	HUnits	Contour	Masked Ix	Unmasked Ix	%
WEDE-CA (34Z)	0.9	9,962	3,456,882	0	13,489	0.4
WOCH-CA.A (41Z)	0.0	0	6,163,799	0	0	0.0
WOCH-CA.A (41Z)	0.0	0	4,482,490	0	0	0.0
WOCH-CA (41Z)	0.0	0	5,051,182	0	0	0.0
W64CQ.A (42-)	0.0	0	930,056	0	0	0.0
W64CQ.C (42-)	0.0	0	930,056	0	0	0.0
WTTW (47)	0.0	0	6,814,700	0	0	0.0
WHME-D (48)	0.0	0	1,224,238	0	0	0.0
WHME-TV-D (48)	0.0	0	1,225,716	0	0	0.0

WHME-TV-D.A (48)	0.0	0	1,602,979	0	0	0.0
WBME-TV-D (48)	7.2	350	2,167,333	0	1,102	0.1
WBME-TV-D.C (48)	10.0	1,150	2,710,706	0	3,633	0.1
WBME-TV-D.A (48)	0.0	0	2,321,199	0	0	0.0

 NO PROBLEMS FOUND