



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

N CONTENT MARKETING, LLC
13999 S. WEST BAYSHORE DRIVE
TRAVERSE CITY MI 49685

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 79338

Call Sign: WOUF

License File Number: BL-20000605ANA

Grant Date: September 06, 2000

This license expires 3:00 a.m.
local time, October 01, 2004.

This License Covers Permit No.: BP-19960311AA

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	8:15 AM	5:30 PM	Jul.	5:00 AM	8:30 PM
Feb.	7:45 AM	6:00 PM	Aug.	5:45 AM	7:45 PM
Mar.	7:00 AM	6:45 PM	Sep.	6:15 AM	7:00 PM
Apr.	6:00 AM	7:30 PM	Oct.	7:00 AM	6:00 PM
May	5:15 AM	8:00 PM	Nov.	7:45 AM	5:15 PM
Jun.	4:45 AM	8:30 PM	Dec.	8:15 AM	5:00 PM

Callsign: WOUF

License No.: BL-20000605ANA

Name of Licensee: N CONTENT MARKETING, LLC

Station Location: PETOSKEY, MI

Frequency (kHz): 750

Station Class: B

Antenna Coordinates:

Day

Latitude: N 45 Deg 20 Min 05 Sec

Longitude: W 84 Deg 55 Min 34 Sec

Night

Latitude: N 45 Deg 20 Min 05 Sec

Longitude: W 84 Deg 55 Min 34 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 1.0 Night: 0.33

Antenna Input Power (kW): Day: 1.08 Night: 0.35

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 4.65 Night: 2.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1007659	
2	1007660	

Night:

Tower No.	ASRN	Overall Height (m)
1	1007660	
2	1007661	
3	1007662	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 292.64 Night: 175.65

Standard RMS (mV/m/km): Day: 307.49 Night: 184.73

Augmented RMS (mV/m/km):

Q Factor: Day: 11.02 Night: 10

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	60.4
2	1.2500	141.000	60.8000	210.000	0	60.4

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	60.4
2	1.8770	-119.600	80.0000	330.000	0	60.4
3	0.9030	120.700	160.0000	330.000	0	60.4

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	143	1.2

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
2	122	0.56
3	0	1
4	-128	0.44

Antenna Monitor: Potomac Instruments AM-19(204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
160	5.3	7.81
260	5.6	6.48

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
100.5	3.34	1.19
119.5	4.7	1.34
180.4	4.9	2.12
199.5	5.2	0.66

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

*** END OF AUTHORIZATION ***