



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

MEDIA ONE HOLDINGS, LLC
 2000 AUBURN DRIVE
 SUITE 200
 BEACHWOOD OH 44122

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 54565

Call Sign: WFUN

License File Number: BL-11355

Grant Date:

This license expires 3:00 a.m.
 local time, October 01, 2020.

License resissued to correct electrical heights and include registration.
 (JBS 5/23/22)

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

Name of Licensee: MEDIA ONE HOLDINGS, LLC

Station Location: ASHTABULA, OH

Frequency (kHz): 970

Station Class: B

Antenna Coordinates:

Day

Latitude: N 41 Deg 48 Min 52 Sec

Longitude: W 80 Deg 46 Min 45 Sec

Night

Latitude: N 41 Deg 48 Min 52 Sec

Longitude: W 80 Deg 46 Min 45 Sec

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

Nominal Power (kW): Day: 5.0 Night: 1.0

Antenna Input Power (kW): Day: 5.4 Night: 1.08

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.4 Night: 4.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1013835	
2	1013834	
3	1013833	
4	1013832	

Night:

Tower No.	ASRN	Overall Height (m)
1	1013835	
2	1013834	
3	1013833	
4	1013832	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 659.83 Night: 292.1

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 695.44 Night: 309.82

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.6400	-122.500	0.0000	0.000	0	89.8
2	0.8000	20.000	87.5000	356.000	0	89.8
3	0.8000	-142.500	87.5000	356.000	1	89.8
4	1.0000	0.000	87.5000	356.000	1	125.3

* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	56.5	47.0	337.96
2	56.5	10.0	344.40
3	156.0	40.0	305.78
4	156.0	10.0	321.87
5	196.0	40.0	305.78
6	298.0	10.0	337.96
7	356.0	74.0	321.87

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	-91.600	0.0000	0.000	0	89.8
2	2.4400	87.600	87.5000	356.000	0	89.8
3	2.4400	-87.600	87.5000	356.000	1	89.8
4	1.0000	91.600	87.5000	356.000	1	125.3

* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	73.0	10.0	37.01
2	101.0	10.0	101.08
3	156.0	10.0	486.83
4	228.0	10.0	41.84
5	298.0	10.0	105.12

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	17.7	0.854
2	158.6	0.958
3	0	1
4	139.1	0.59

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-1.9	0.395
2	172.8	0.991
3	0	1
4	174	0.205

Antenna Monitor: DELTA ELECTRONICS DAM-1

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 Ground system consists of 120 equally spaced, buried, copper radials, each 121.9 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus a copper ground screen 14.6 meters square, about the base of each tower.
- 2 Daytime and nighttime arrays consist of the four towers S, SC, NC, N, referenced in that order.

Special operating conditions or restrictions:

3 MONITOR POINT DESCRIPTIONS

56.5° true North - from intersection of East Plymouth and Mann Road, proceed South on Mann Road for 0.32 km to point, located 3.5 km from site, maximum 83.5 mV/m daytime.

156° true North - from intersection of Jefferson Road and Jones Road, proceed East on Jones Road for 0.56 km to power line pole # 59905, and then point is located in open field 50 paces East from line of trees opposite power line pole, 7.2 km from the site, maximum of 44.2 mV/m daytime.

298° true North - from intersection of West Avenue and Prospect Road (US Route 20), proceed West on Prospect Road for 4.3 km to Bowdler's Farm Market, then turn left into farm lane to end of pond, and point located 150 feet to left of lane at stake marked WREO on south side of lane, located 6.3 km from site, maximum of 51 mV/m daytime.

73° true North - from intersection of Sheffield Road and Maple Road, turn North on Maple Road and proceed for 1.1 km to top of rise, just north of creek culvert to point, located 6.9 km from site, maximum 3.7 mV/m nighttime.

101° true North - from intersection of Jefferson Road and Pinney Topper Road, proceed South on Pinney Topper Road to farm house on West side with driveway circling house, and point located in driveway behind house, 3.5 km from site; maximum of 30 mV/m nighttime.

228° true North - from intersection of Morgan Road and Chapel Road, proceed South on Chapel Road for 0.24 km, and then turn West onto farmyard driveway, with point located in front of barn door, 3.7 km from site, maximum of 7.8 mV/m nighttime.

*** END OF AUTHORIZATION ***