



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

SINCLAIR TELECABLE, INC.
 500 DOMINION TOWER
 999 WATERSIDE DRIVE
 NORFOLK VA 23510

Ann Gallagher
 Senior Engineer
 Audio Division
 Media Bureau

Facility Id: 60472

Call Sign: WTAR

License File Number: BMML-20100526AFH

Grant Date: February 16, 2011

This license expires 3:00 a.m.
 local time, October 01, 2011.

This license modifies license no.: BZ-20070724AEK

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

Name of Licensee: SINCLAIR TELECABLE, INC.

Station Location: NORFOLK, VA

Frequency (kHz): 850

Station Class: B

Antenna Coordinates:

Day

Latitude: N 37 Deg 03 Min 36 Sec

Longitude: W 76 Deg 41 Min 26 Sec

Night

Latitude: N 37 Deg 03 Min 36 Sec

Longitude: W 76 Deg 41 Min 26 Sec

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

Nominal Power (kW): Day: 50.0 Night: 25.0

Antenna Input Power (kW): Day: 52.7 Night: 26.3

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 32.45 Night: 22.95

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1035314	
2	1035312	
3	1035315	
4	1035313	

Night:

Tower No.	ASRN	Overall Height (m)
1	1035311	
2	1035312	
3	1035313	
4	1035314	
5	1035315	
6	1035316	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2187 Night: 1538
 Standard RMS (mV/m/km): Day: 2297.64 Night: 1615.75
 Augmented RMS (mV/m/km):
 Q Factor: Day: 73.3 Night: 50

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	84.0
2	0.8230	-31.000	203.1000	33.800	0	84.0
3	0.6760	-151.500	90.0000	109.000	0	84.0
4	0.7190	171.800	242.3000	54.900	0	84.0

* 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	84.0
2	2.1280	-122.300	90.0000	109.000	0	84.0
3	1.3410	119.500	180.0000	109.000	0	84.0
4	1.1910	-27.000	200.0000	188.000	0	84.0
5	2.0590	-146.400	234.5000	165.900	0	84.0
6	1.0730	97.500	293.5000	151.000	0	84.0

* 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		
2	-32	0.825
3	173.6	0.715
4	0	1
5	-150.2	0.575
6		

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	120.8	0.486
2	0	1
3	-115.3	0.603
4	93.9	0.571
5	-23.3	0.877
6	-135.7	0.478

Antenna Monitor: POTOMAC INSTRUMENTS 1901-6

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 Ground system consists of 120 88.4-meter equally spaced, buried copper radials about the base of each tower except where terminated by property boundaries or where intersecting radials are shortened and bonded.
- 2 The licensee shall perform the measurements described in Section 73.155 at least once within each 24-month period.
- 3 The relationship between the daytime tower numbering shown in the theoretical parameters above and the tower numbers on the antenna monitor is as follows:

Tower 1 (theo.) is Tower 4 (SW) on the antenna monitor.
Tower 2 (theo.) is Tower 2 (N. Central) on the antenna monitor.
Tower 3 (theo.) is Tower 5 (S. Central) on the antenna monitor.
Tower 4 (theo.) is Tower 3 (NE) on the antenna monitor.

*** END OF AUTHORIZATION ***