United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

TIDEWATER COMMUNICATIONS, LLC
73 KERCHEVAL AVENUE
GROSSE POINTE FARMS MI 48236

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: June 29, 2011

This permit expires 3:00 a.m. local time, 36 months after the grant date specified above.

Facility Id: 10649

Call Sign: WINA

Permit File Number: BP-20110420ABB

Correction of antenna site coordinates

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Unlimited

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

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

Callsign: WINA Permit No.: BP-20110420ABB

Name of Permittee: TIDEWATER COMMUNICATIONS, LLC

Station Location: CHARLOTTESVILLE, VA

Frequency (kHz): 1070

Station Class: B

Antenna Coordinates:

		Day				
Latitude:	N	38	Deg	05	Min	19 Sec
Longitude:	W	78	Deg	30	Min	23 Sec

		Night				
Latitude:	N	38	Deg	05	Min	19 Sec
Longitude:	W	78	Deg	30	Min	23 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: 5.0

Antenna Mode: Day: ND Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1025461	

Night:

Tower No.	ASRN	Overall Height (m)
1	1025461	
2	1025460	
3	1025459	
4	1025458	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

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

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Night: 695.88

Q Factor: Night: 15.3853

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.3700	-106.000	0.0000	0.000	0	94.0
2	0.9500	127.000	100.0000	152.000	0	94.0
3	1.0000	0.000	100.0000	152.000	1	94.0
4	0.3800	-124.000	100.0000	152.000	1	94.0

* 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	12.0	20.0	24.14
2	22.0	20.0	25.75
3	37.0	30.0	45.87
4	52.0	28.0	48.28
5	247.0	10.0	87.55
6	252.0	20.0	103.24
7	262.0	20.0	120.06
8	272.0	20.0	120.06
9	282.0	20.0	87.95
10	292.0	20.0	110.88
11	302.0	20.0	128.75
12	312.0	20.0	131.97
13	322.0	20.0	143.23
14	332.0	20.0	144.84
15	342.0	20.0	125.53

Non-Directional Antenna: Day

Radiator Height: 73.2 meters; 94 deg

Theoretical Efficiency: 308.99 mV/m/kw at 1km

Inverse Distance Field Strength:
The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Night:

Azimuth:	Radiation:	
2	21.8	mV/m
52	48.3	mV/m
252	103.2	mV/m
302	128.8	mV/m
332	144.8	mV/m

Special operating conditions or restrictions:

1 The permittee/licensee 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.

2 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 70.1 meters in length except where radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus 120 interspersed radials 15.24 meters in length about the base of each tower.

3 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.

*** END OF AUTHORIZATION ***