

REQUEST FOR EXTENSION OF STA BSTA-20160901AAD

Colonial Radio Group, Inc.

WNMB(AM) North Myrtle Beach South Carolina Facility ID 49985

900 kHz 0.05 kW Long Wire

Attached to this request for an extension of this STA (FCC CDBS File No. BSTA-20160901AAD) is a copy of the original filing technical exhibit for reference. None of the current parameters have changed.

The licensee, *Colonial Radio Group, Inc.* ("*Colonial*"), has had a number of difficulties over the past year in obtaining technical assistance for completing the construction. *Colonial's* final engineering plan is still to diplex WMNB(AM) with WMIR(AM) (call letters have changed from WJXY(AM)).

REQUEST FOR SPECIAL TEMPORARY AUTHORITY
COLONIAL RADIO GROUP, INC.
WNMB AM RADIO STATION
900 kHz - 0.05 kW - LONG-WIRE
NORTH MYRTLE BEACH, SOUTH CAROLINA
August 2016

This Technical Statement was prepared on behalf of Colonial Radio Group, Inc. (“Colonial”), licensee of AM station WNMB, 900 kHz, North Myrtle Beach, South Carolina. Colonial herein requests Special Temporary Authority (“STA”) to operate WNMB during daytime hours with a temporary long-wire antenna. This operation is necessary to allow the station to maintain service to the community of North Myrtle Beach as the lease to the old transmitter site has been discontinued.

The station’s power will be monitored by the indirect method. The long-wire antenna will remain fenced, limiting access to the long-wire at a distance not less than 6.0 meters to preclude exposure of persons to electric or magnetic radio frequency radiation fields in excess of the FCC’s specified exposure limits. It is anticipated that Colonial will locate a suitable permanent location to restore full service as quickly as possible.

The long-wire antenna will consist of an elevated horizontal wire approximately 61.0 meters (200 feet) in length and oriented north-south at an angle of approximately 165 degrees True. The estimated 0.5 mV/m contour of the long-wire operation will not extend past the licensed daytime 0.5 mV/m contour of WNMB, as shown in Exhibit A. Exhibit B is a depiction of the location of the proposed long-wire operation. Exhibit C is a sketch (not to scale) of the proposed long-wire antenna.

We have tried to be as accurate as possible in the preparation of this request. All information contained herein was extracted from the CDBS database. We assume no liability for omissions or errors in this source. Should there be any questions concerning the information contained herein, we welcome the opportunity to discuss the matter by phone at 912-638-8028 or by email at rsg@grahambrock.com.

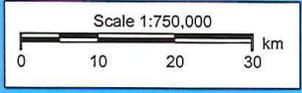
GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

WNMB - NORTH MYRTLE BEACH, SC
Freq: 900 kHz - Class: B
Latitude: 33-49-26 N / Longitude: 078-45-59 W
Power: 0.5 kW - RMS: 223.7 mV/m @1km
Towers: 2

WNMB - NORTH MYRTLE BEACH, SC - Proposed STA
Freq: 900 kHz - Class: D
Latitude: 33-50-05 N / Longitude: 078-47-03 W
Power: 0.05 kW - RMS: 19.427 mV/m @1km
LONG-WIRE

EXHIBIT A
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
COLONIAL RADIO GROUP, INC.
WNMB AM RADIO STATION
900 kHz - 0.05 kW - LONG-WIRE
NORTH MYRTLE BEACH, SOUTH CAROLINA
August 2016

■ WNMB License 0.5 mV/m
■ WNMB Proposed STA 0.5 mV/m



V-Soft Communications LLC ©





Proposed Long Wire Antenna

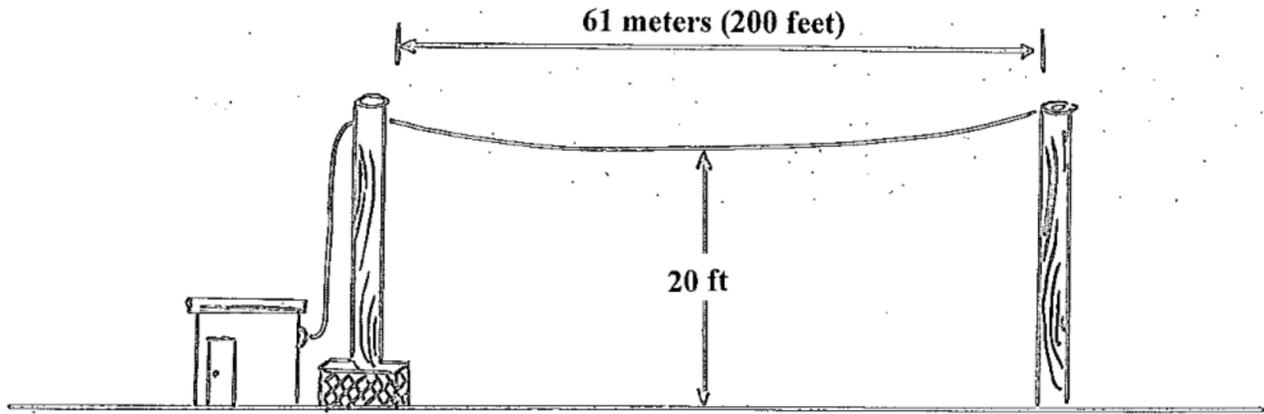
EXHIBIT B
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
COLONIAL RADIO GROUP, INC.
WNMB AM RADIO STATION
900 kHz - 0.05 kW - LONG-WIRE
NORTH MYRTLE BEACH, SOUTH CAROLINA
August 2016

Google earth

© 2016 Google



600 ft



Long-Wire Orientation 165° True

EXHIBIT C
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
COLONIAL RADIO GROUP, INC.
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NORTH MYRTLE BEACH, SOUTH CAROLINA
August 2016

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

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NORTH MYRTLE BEACH, SOUTH CAROLINA
August 2016

EXHIBIT D

NADCON

North American Datum Conversion

NAD 83 to NAD 27

NADCON Program Version 2.11

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Transformation #: 1 Region: Conus

	Latitude	Longitude
NAD 27 datum values:	33 50 5.40063	78 47 2.59453
NAD 83 datum values:	33 50 6.02000	78 47 1.67000
NAD 27 - NAD 83 shift values:	-0.61937	0.92453(secs.)
	-19.083	23.771 (meters)
Magnitude of total shift:		30.484(meters)

AFFIDAVIT AND QUALIFICATIONS OF CONSULTANT

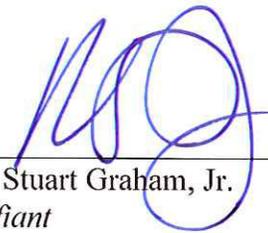
State of Georgia)
St. Simons Island) ss:
County of Glynn)

R. STUART GRAHAM, being duly sworn, deposes and says that he is an officer of Graham Brock, Inc. Graham Brock has been engaged by Colonial Radio Group, Inc., to prepare the attached Technical Exhibit.

His qualifications are a matter of record before the Federal Communications Commission. He is a graduate of Auburn University and has been active in Broadcast Engineering since 1972.

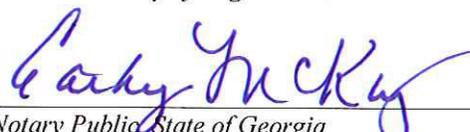
The attached report was either prepared by him or under his direction and all material and exhibits attached hereto are believed to be true and correct.

This the 29th day of August 2016.



R. Stuart Graham, Jr.
Affiant

*Sworn to and subscribed before me
this the 29th day of August 2016*



*Notary Public State of Georgia
My Commission Expires: March 12, 2019*