

Clyde Scott, Jr.

Amend BNPFT-20141028AAB

FID 141571

Macon, GA.

DECEMBER - 2014

Technical Statement:

The attached technical statement and related exhibits are prepared by EME Communications for Clyde Scott, Jr. The purpose is to amend the construction permit of W280EO to specify a new operating channel, and primary station to be re-broadcast. This application is identical to the CP issued on 12/04/2013. This application reflects a return to the original long form site and technical parameters.

Exhibit 1 is an interference study with operation on channel 226 that shows NO interference to any facility present or proposed. The attached studies and related exhibits **employ the FCC 30 sec terrain database**. It is requested that the Commission's staff use the same database when evaluating this proposal. The proposal is on the 54th IF channel of the original long form CP and therefore is considered a minor change. The proposed is also mutually exclusive with the current long form construction permit of W280EO.

The proposed is short spaced to 3rd adjacent WPEZ (FM), Jeffersonville, GA; therefore a "Living Way" waiver of 74.1204 (d) is requested. Attached is a study that shows utilizing an ERI-FM-100A antenna system and with the proposed ERP and HAGL, the interfering contour will not reach ground level. Also attached is a Google Earth picture that shows the interfering contour (137.57 dBu) lacks any population.

This proposal will re-broadcast FM facility WALR (FID 48728) licensed to Palmetto, GA. Since the proposed will extend the 60 dBu contour of WALR-FM, this proposal is not considered a fill-in. Applicant acknowledges a pending application for WALR-FM. The pending applications 60 dBu contour will not extend the present contour and therefore this proposal will remain to be considered a non-fill in.

Proposed Tower:

Tower ID: 1026147

Distance: 0.00 km Bearing: 94.9 degrees

Coordinates (NAD27): 32-49-54.50 N, 083-37-08.15 W

Status: Constructed

Action Date: 02/09/2012

Construction Date: 08/08/1997

Location: 398 8TH ST. (003025 / Macon East), MACON, GA

Height (AG): 79.80 m, Elevation: 88.30 m, Structure Height: 76.20 m

Circular Number: N/A

FAA Number: 2003-ASO-4069-OE FAA Chapter: A1, H, 3, 11, 21, 23

Owner: American Towers, LLC.

Conclusion:

Clyde Scott, Jr. proposes to modify the above mentioned application to specify a new channel and re-broadcast WALR (FM), Greenville, GA. It is believed this statement and attached exhibits should pass muster with the Commission's staff and therefore be granted.

Clyde Scott, Jr.
EME Communications

REFERENCE 32 49 54.5 N. 83 37 08.2 W. CH# 226D - 93.1 MHz, Pwr= 0.25 kW, HAAT= 3.0 M, COR= 121 M Average Protected F(50-50)= 7.09 km Omni-directional Clyde Scott, Jr. DISPLAY DATES DATA 12-20-14 SEARCH 12-20-14

CH CITY	CALL	TYPE ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
229C1 Jeffersonville	WPEZ	LIC NCX GA	148.9 329.0	10.18 BLH20020529ABR	32 45 12.0 83 33 46.0	100.000 207	8.8 321	66.4 Cumulus Licensing Llc	-5.7	-57.4*
227C0 Greenville	WVFJ-FM	CP ZCX GA	285.1 104.4	110.98 BPED20140214AAS	33 05 10.0 84 46 10.0	57.000 491	120.1 742	81.2 Radio Training Network, In	-16.2*	19.6
280D Macon	W280EO	APP _C_ GA	0.0 0.0	0.00 BMPFT20141028AAB	32 49 54.5 83 37 08.2	0.250	27.6 121	8.3 Clyde Scott, Jr.	10.0R	-10.0M
227C1 Manchester	WVFJ-FM	LIC _CX GA	285.1 104.4	110.98 BMLED20110411ABY	33 05 10.0 84 46 10.0	27.000 491	107.7 742	73.1 Radio Training Network, In	-3.8	27.7
226A Rochelle	WVKM	LIC NCX GA	169.9 350.0	99.74 BLH20130124AAK	31 56 54.0 83 26 02.0	4.700 81	81.2 176	25.6 Georgia Eagle Media, Inc.	11.3	49.8
225C1 Atlanta	WZGC	LIC NC_ GA	328.5 148.1	127.43 BMLH20080226ABQ	33 48 26.0 84 20 21.8	66.000 340	102.9 612	70.7 Cbs Radio Inc. Of Atlanta	17.4	46.6
226D Dublin	W226BP	LIC _C_ GA	116.9 297.3	75.55 BLFT20130207ACB	32 31 21.0 82 54 00.0	0.250	45.3 195	13.2 Laurens County Broadcastin	23.2	38.5
224C2 Dublin	WKKZ	LIC _CN GA	116.9 297.3	75.55 BLH19930607KA	32 31 21.0 82 54 00.0	50.000 127	5.2 203	47.0 Kirby Broadcasting Company	63.2	27.4
226A Warrenton	WCHZ-FM	LIC _CN GA	51.1 231.7	119.04 BLH19970811KB	33 29 59.0 82 37 09.0	4.100 122	81.9 268	26.8 wchz License, Llc	30.1	68.5
279A Irwinton	WVKX	LIC _C_ GA	82.3 262.6	40.85 BLH19990315KC	32 52 48.0 83 11 07.0	6.000 100	43.1 200	26.9 wilkinson Broadcasting, In	10.0R	30.9M
226D Dublin	W226BP	CP _C_ GA	116.9 297.3	75.55 BPFT20130805ADI	32 31 21.0 82 54 00.0	0.250 65	31.0 140	9.3 Laurens County Broadcastin	37.5	42.4

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM In & Out distances between contours are shown at closest points. Reference zone= East Zone, Co to 3rd adjacent. Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X) "*"affixed to 'IN' or 'OUT' values = site inside restricted contour.

Contour.out

EME Communications - Moultrie, GA
 N. Lat. = 324954.5 W. Lng. = 833708.2
 HAAT and Distance to Contour,
 FCC, FM 2-10 Mi, 51 pts Method - FCC 30 SEC

Azi.	AV EL	HAAT	dbk	60-F5
000	114.0	7.0	-6.02	7.09
010	118.8	2.2	-6.02	7.09
020	130.9	-9.9	-6.02	7.09
030	140.1	-19.1	-6.02	7.09
040	149.9	-28.9	-6.02	7.09
050	152.3	-31.3	-6.02	7.09
060	138.3	-17.3	-6.02	7.09
070	127.9	-6.9	-6.02	7.09
080	129.5	-8.5	-6.02	7.09
090	124.8	-3.8	-6.02	7.09
100	126.2	-5.2	-6.02	7.09
110	115.6	5.4	-6.02	7.09
120	122.7	-1.7	-6.02	7.09
130	121.4	-0.4	-6.02	7.09
140	113.7	7.3	-6.02	7.09
150	102.6	18.4	-6.02	7.09
160	90.3	30.7	-6.02	7.16
170	90.0	31.0	-6.02	7.19
180	90.6	30.4	-6.02	7.13
190	95.3	25.7	-6.02	7.09
200	100.5	20.5	-6.02	7.09
210	107.9	13.1	-6.02	7.09
220	109.7	11.3	-6.02	7.09
230	108.7	12.3	-6.02	7.09
240	107.7	13.3	-6.02	7.09
250	108.9	12.1	-6.02	7.09
260	121.0	0.0	-6.02	7.09
270	125.5	-4.5	-6.02	7.09
280	124.4	-3.4	-6.02	7.09
290	131.0	-10.0	-6.02	7.09
300	136.5	-15.5	-6.02	7.09
310	124.0	-3.0	-6.02	7.09
320	101.6	19.4	-6.02	7.09
330	105.1	15.9	-6.02	7.09
340	124.9	-3.9	-6.02	7.09
350	132.7	-11.7	-6.02	7.09

Ave EL= 118.48 M HAAT= 2.52 M AMSL= 121

EME Communications - Moultrie, GA

PROPOSE

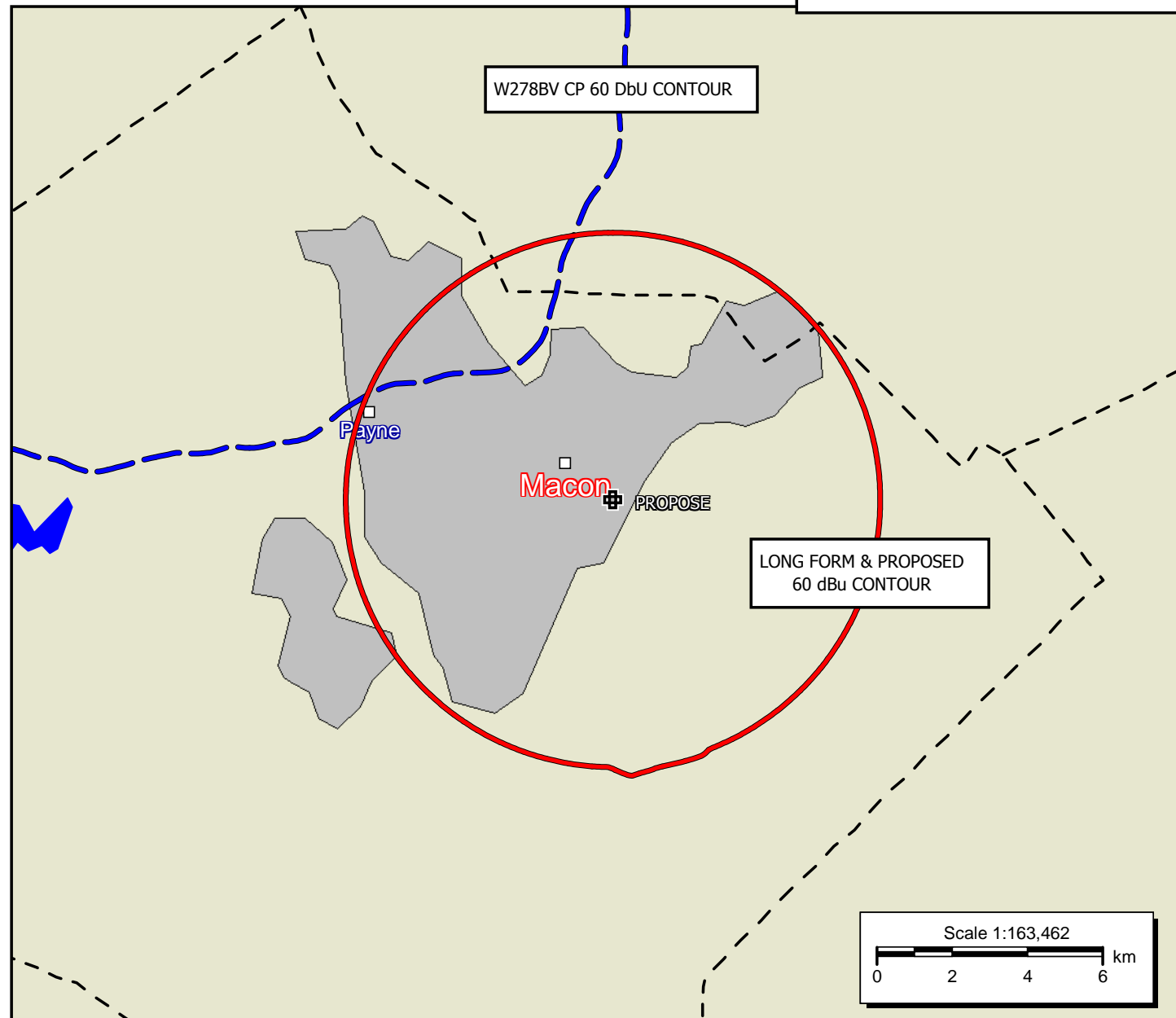
Latitude: 32-49-54.50 N
Longitude: 083-37-08.20 W
ERP: 0.25 kW
Channel: 226
Frequency: 93.1 MHz
AMSL Height: 121.0 m
Elevation: 90.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

W280EO

BNPFT-20130823ABE
Latitude: 32-49-54.50 N
Longitude: 083-37-08.20 W
ERP: 0.25 kW
Channel: 280
Frequency: 103.9 MHz.
AMSL Height: 121.0 m
Elevation: 90.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

W278BV.C

BMPFT20140506AAX
Latitude: 32-57-33 N
Longitude: 083-45-26 W
ERP: 0.25 kW
Channel: 278
Frequency: 103.5 MHz
AMSL Height: 233.0 m
Elevation: 158.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None



XField.out

PROPOSED MACON, GA
74.1204(d) Showing
Translator or LPFM Maximum Licensed ERP = 0.25
Translator or LPFM Antenna Height AG = 33 Meters
PROPOSED Antenna Model = ERI FM-100A-1

Protected Station's Contour = 97.57021 dBu
Translator's or LPFM's full Interference contour 137.57021

Review Azimuth = 0 Degrees True
Relative Field on the horizon at Review Azimuth = 1.000
Translator/LPFM ERP on the horizon at Review Azimuth = 0.25 kw
Distance between stations = 10.2 km
Protected Station= WPEZ, 100 kw, 321 M Meters COR AMSL

Depression Angle From Horizon(Deg)	Vertical Relative Field	Horizontal Relative Field	ERP (kw)	Dist to IX Contour Along Dep. Angle(m)	Dist to IX Contour From Tower Base(m)	Height IX Above Ground (m)
00.00	1.0	1.0	0.2500	014.6710	014.6710	033.000
05.00	0.993	1.0	0.2465	014.5683	014.5129	031.730
10.00	0.974	1.0	0.2372	014.2895	014.0725	030.519
15.00	0.941	1.0	0.2214	013.8054	013.3350	029.427
20.00	0.897	1.0	0.2012	013.1599	012.3662	028.499
25.00	0.843	1.0	0.1777	012.3676	011.2089	027.773
30.00	0.78	1.0	0.1521	011.4434	009.9103	027.278
35.00	0.709	1.0	0.1257	010.4017	008.5206	027.034
40.00	0.633	1.0	0.1002	009.2867	007.1141	027.031
45.00	0.554	1.0	0.0767	008.1277	005.7472	027.253
50.00	0.473	1.0	0.0559	006.9394	004.4605	027.684
55.00	0.394	1.0	0.0388	005.7804	003.3155	028.265
60.00	0.317	1.0	0.0251	004.6507	002.3254	028.972
65.00	0.245	1.0	0.0150	003.5944	001.5191	029.742
70.00	0.181	1.0	0.0082	002.6554	000.9082	030.505
75.00	0.124	1.0	0.0038	001.8192	000.4708	031.243
80.00	0.077	1.0	0.0015	001.1297	000.1962	031.887
85.00	0.041	1.0	0.0004	000.6015	000.0524	032.401
90.00	0.016	1.0	0.0001	000.2347	000.0000	032.765

X-Field™ By V-Soft Communications®LLC



Google earth

feet 300
meters 100



PROPOSE

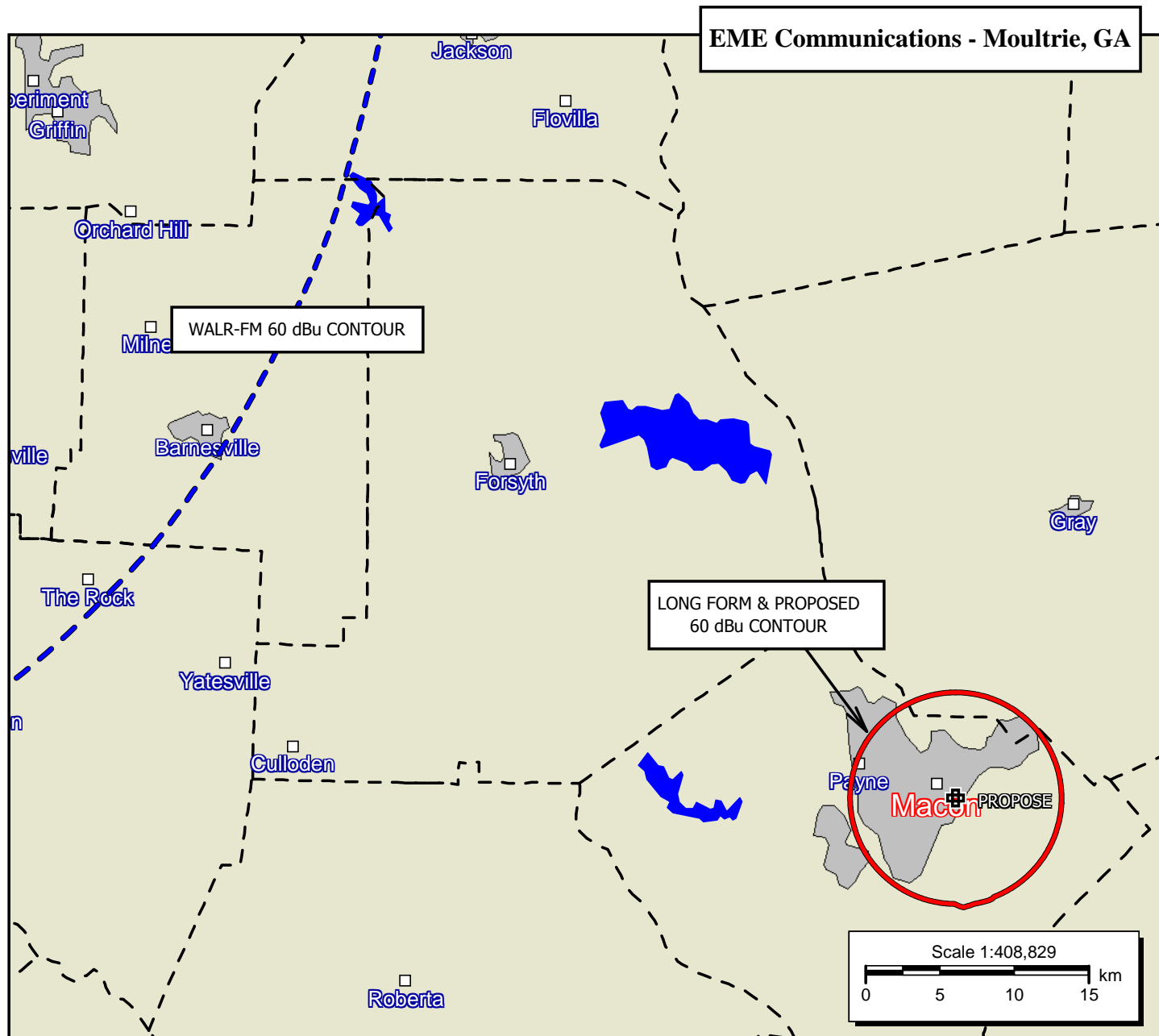
Latitude: 32-49-54.50 N
Longitude: 083-37-08.20 W
ERP: 0.25 kW
Channel: 226
Frequency: 93.1 MHz
AMSL Height: 121.0 m
Elevation: 90.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

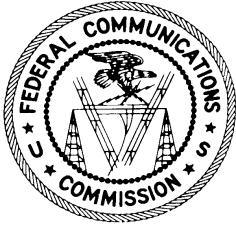
W280EO

BNPFT-20130823ABE
Latitude: 32-49-54.50 N
Longitude: 083-37-08.20 W
ERP: 0.25 kW
Channel: 280
Frequency: 103.9 MHz.
AMSL Height: 121.0 m
Elevation: 90.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

WALR-FM

BLH20070314ABH
Latitude: 33-24-43 N
Longitude: 084-50-03 W
ERP: 100.00 kW
Channel: 281
Frequency: 104.1 MHz
AMSL Height: 618.0 m
Elevation: 272.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None





United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST TRANSLATOR/BOOSTER STATION
CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

CLYDE SCOTT, JR.
293 JC SAUNDERS ROAD
MOULTRIE GA 31768

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility Id: 141571

Call Sign: W280EO

Permit File Number: BNPFT-20130823ABE

Grant Date: December 04, 2013

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

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.

Name of Permittee: CLYDE SCOTT, JR.

Principal community to be served: GA-MACON

Primary Station: WALR-FM (FM) , Channel 281, PALMETTO, GA

Via: Direct - off-air

Frequency (MHz): 103.9

Channel: 280

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 32 deg 49 min 55 sec
 West Longitude: 83 deg 37 min 08 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules

Antenna type: (directional or non-directional): Non-Directional

Major lobe directions (degrees true): Not Applicable

	Horizontally Polarized Antenna:	Vertically Polarized Antenna:
Effective radiated power in the Horizontal Plane (kw):	0.25	0.25
Height of radiation center above ground (Meters):	33	33
Height of radiation center above mean sea level (Meters):	121	121

Antenna structure registration number: 1026147

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

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.
- 2 Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file at the Commission, FCC Form 350, Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.

*** END OF AUTHORIZATION ***

FEDERAL COMMUNICATIONS COMMISSION

**445 12th Street, S.W.
WASHINGTON DC 20554**

**MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
HOME PAGE: WWW.FCC.GOV/MB/AUDIO**

**PROCESSING ENGINEER: ROBERT GATES
TELEPHONE: (202) 418-0986
FACSIMILE: (202) 418-1410
INTERNET ADDRESS: Robert.Gates@fcc.gov**

DEC 19 2014

Clyde Scott, Jr.
293 JC Saunders Road
Moultrie, GA 31768

In re: W278BV, Macon, GA
BMPFT-20141028AAB
Facility ID # 141571

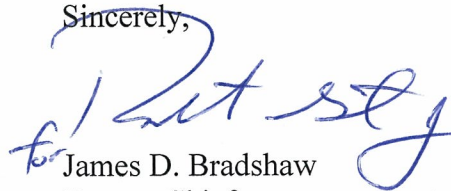
Dear Applicant:

This refers to: (1) the above-captioned application for W278BV, Macon, Georgia.

An engineering study of the application reveals that it is in violation of Section 74.1235(b)(1). The application proposes an effective radiated power ("ERP") of 250 watts. Section 74.1235(b)(1) states that the maximum allowable effective radiated power with an antenna height above average terrain (HAAT) between 48 meters and 57 meters is 80 watts. Our study reveals that the azimuth at 150° has a HAAT of 56.9 meters. The application failed to discuss this violation. Therefore, we will dismiss the application.

In light of the above, the application BMPFT-20141028AAB filed by Clyde Scott, Jr. is unacceptable for filing pursuant to 47 C.F.R. § 73.3566(a) and IS HEREBY DISMISSED. This action is taken pursuant to 47 C.F.R. § 0.283.

Sincerely,



James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau