

**Mecca Communications, Inc.**

**WXAG(AM) – Athens, GA.**

**Long Form Application**

**November – 2017**

**Technical Statement**

EME Communications has been retained by Mecca Communications, Inc. to prepare this long form application as part of the auction 99 filing window.

**Proposed Site:**

Tower ID: 1063346

Coordinates (NAD27): 33-59-13.59 N, 083-20-17.44 W

Status: Granted

Action Date: 04/20/2011

Location: 250 OLYMPIC PL, WINTERVILLE DIV, GA

Height (AG): 58.50 m, Elevation: 222.50 m, Structure Height: 58.50 m

Circular Number:

FAA Number: 98-ASO-7763-OE    FAA Chapter: NONE

**Interference Showing:**

The attached interference study employs the FCC 30 sec terrain database. It is requested the Commission's staff use the same terrain data when evaluating this application.

Attached, as exhibit 1, is a comprehensive showing that clearly shows the proposal will not cause interference to any facility present or proposed.

**Antenna System:**

Applicant proposes to employ a single bay non-directional antenna system.

The applicant proposes to re-broadcast the programming of AM station WXAG. Attached as an exhibit is a plot showing the proposed will not extend the 2.0 mV/m contour of WXAG (AM).

WXAG presently employs translator W224CY. Once this proposal is granted and before being placed into service, W224CY will change its primary station.

/s/ Clyde Scott Jr.  
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## EXHIBIT - 1

REFERENCE		CH# 276D - 103.1 MHz, Pwr= 0.25 kw, HAAT= 50.6 M, COR= 277 M								DISPLAY DATES		
33 59 14.0 N.		Average Protected F(50-50)= 9.33 km								DATA	11-16-17	
83 20 17.0 W.		Omni-directional								SEARCH	11-16-17	
CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*	
276D Athens	1762067	APP _C_ GA		0.0 0.0	0.00 BNPFT20170802AAU	33 59 14.0 83 20 17.0	0.250 277	23.8	7.1 Mecca Communications, Inc.	-30.8*	-30.8*	
277C0 Atlanta	WVEE	LIC _C_ GA		254.9 74.3	95.43 BMLH20080222ADZ	33 45 33.0 84 20 05.0	100.000 310	104.9 594	72.3 Cbs Radio East Inc.	-20.5*	7.5	
275C3 Clarkesville	WDUN-FM	LIC ZCN GA		333.4 153.3	61.88 BLH19920304KC	34 29 05.0 83 38 24.0	16.000 126	66.5 502	45.1 Jacobs Media Corporation	-12.6*	5.5	
276A Honea Path	WHQA	LIC _C_ SC		56.2 236.6	88.02 BMLED20150323ABW	34 25 31.0 82 32 26.0	6.000 100	86.4 323	28.1 The Power Foundation	-7.0	31.1	
279C3 Maysville	WXKT	LIC NCX GA		325.8 145.6	52.51 BLH20090918ACK	34 22 39.0 83 39 35.0	4.100 250	3.6 570	43.6 Cox Radio, Inc.	40.9	7.9	
274C3 Buckhead	WPMA	LIC _CX GA		172.4 352.4	54.33 BMLED20090121AEQ	33 30 10.0 83 15 37.0	7.500 181	3.9 335	40.1 Augusta Radio Fellowship In	39.9	13.1	
222A Bostwick	WMOQ	LIC _CX GA		217.1 37.0	33.44 BLH20071022BXC	33 44 49.0 83 33 23.0	3.000 100	51.7 324	16.0 Bostwick Broadcasting Grou	10.0R	23.4M	
222A Bostwick	WMOQ	CP DCX GA		217.1 37.0	33.44 BPH20170228AAS	33 44 49.0 83 33 23.0	5.900 102	51.7 324	16.0 Bostwick Broadcasting Grou	10.0R	23.4M	
273D Monroe	1761547	APP DC_ GA		239.6 59.4	38.80 BNPFT20170726APX	33 48 36.6 83 42 01.4	0.250 327	0.7	9.9 B. R. Anderson, Sr.	27.8	27.8	
276A Augusta	WFXA-FM	LIC _C_ GA		112.3 293.0	140.63 BLH19990326KB	33 30 00.0 81 56 03.0	6.000 92	88.0 177	29.3 Perry Broadcasting Of Augu	43.0	79.4	
276C2 Etowah	WJLJ	APP _CX TN		320.6 139.8	198.76 BPH20170221ACQ	35 21 38.0 84 43 48.0	35.000 178	135.6 436	53.8 Friendship Broadcasting L1	55.1	117.9	
275D Decatur	W275BK	LIC _C_ GA		254.3 73.8	98.11 BLFT20140109AAS	33 44 41.0 84 21 36.0	0.147 313	29.0 589	19.6 Radio One Licenses, Llc	58.1	62.8	
273C1 Hendersonville	WMYI	LIC NC_ NC		27.4 207.8	144.29 BLH20110929AKK	35 08 15.6 82 36 30.6	44.000 416	10.7 1079	85.0 Capstar Tx, Llc	126.5	58.2	
276C2 Etowah	WJLJ	LIC _CN TN		323.5 142.8	204.19 BLH19890814KF	35 27 24.0 84 40 43.0	50.000 150	137.9 418	52.4 Friendship Broadcasting L1	58.5	125.6	
278C3 Greenwood	WZSN	LIC _CN SC		79.2 259.8	107.08 BLH19921130KA	34 09 46.0 82 11 41.0	25.000 100	4.4 264	42.2 Broomfield Broadcasting, I	92.5	63.8	
276A Dexter	WDBG	LIC _CX GA		167.3 347.5	166.72 BLH20130115ABV	32 31 25.0 82 56 51.0	6.000 60	75.7 136	20.0 Radiojones, Llc	80.7	111.8	
278D Clemson	W259CN	CP DC_ SC		27.4 207.7	106.00 BMPFT20170410ACQ	34 49 57.3 82 48 12.7	0.250 492	1.1	20.2 Georgia-carolina Radiocast	97.8	84.7	

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
 Contour distances are on direct line to and from reference station. 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.  
 Reference station has protected zone issue: AM tower

**WXAG**  
Type: AM  
Channel: 1470  
Latitude: 33-59-14 N  
Longitude: 083-20-17 W

**PROPOSED**

Latitude: 33-59-14 N  
Longitude: 083-20-17 W  
ERP: 0.25 kW  
Channel: 276  
Frequency: 103.1 MHz  
AMSL Height: 277.0 m  
Elevation: 228.62 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

