



ENTERCOM[®]

RECEIVED

Received & Inspected

JAN - 4 2017

FCC Mailroom

Carrie A. Ward
SENIOR COUNSEL

2017 JAN - 5 P 12: 43

AUDIO SERVICES DIVISION

January 3, 2017

Ms. Marlene Dortch, Secretary
Federal Communications Commission
Office of the Secretary
9300 East Hampton Drive
Capitol Heights, MD 20743

Re: Station WSFS(FM), Miramar, FL, Facility ID No. 29567
File No. 20151208ADB
Interim Report on IBOC Asymmetrical Sideband Operation
and Request for Extension of Experimental Authority

Dear Ms. Dortch:

On January 13, 2016, via a letter from Ms. Susan Crawford of the Commission's Audio Division and pursuant to a previous request by Entercom Communications Corp., licensee of WSFS(FM), Miramar, Florida (Facility ID No. 29567), experimental authority (EA) was granted to WSFS to operate with asymmetrical IBOC sidebands. Specifically, WSFS was authorized to operate with a digital power of -10 dBc on its lower sideband and -14 dBc on its upper sideband. WSFS operation previous to asymmetrical operation under the EA was at -14 dBc, symmetrical.

Asymmetrical operation by WSFS was initiated on March 26, 2016 and has been continuous up to and including the date of this letter. There have been no complaints of interference from any party during the nearly 9 months of operation in this mode. The transmission system, consisting of a Gates Air Model FAX60HD consisting of two FAX30HD combined transmitters, has experienced no issues. The main antenna is an ERI Axiom 12 bay,

half wave spaced with a non-directional horizontal plane radiation pattern. The antenna is fed from a six station ERI constant impedance system. The WSFS filter is an eight section unit.

Entercom Market Chief Gary Blau notes that coverage was significantly improved when going from -20 dBc to -14 dBc but that the improved coverage with the asymmetrical -10 dBc operation is difficult to gage in the Miami market. This is partly due to the size of the Class C1 coverage area and the flat terrain in the Miami market and partly due to his presence in the core market with little time at the HD fringe where the additional signal is expected to help listeners. The other factor is the current lack of HD table top and portable listening devices which would benefit from the greater power for in urban listening environments. It is expected that the importance of maximizing HD power will grow as the HD receiver base grows and a greater number of listeners begin to expect to see more than one program stream being broadcast by FM stations. This parallels ATSC TV viewership where comparatively few people watch the over the air signal and are aware that many of today's DTV stations broadcast multiple programs.

Entercom appreciates the FCC grant of experimental believing that the greatest current value is to gather filed data regarding interference and to hopefully use that data to support transitioning full HD power asymmetrical operation to normal rather than experimental authority. Based on the information herein it is requested that the current Experimental Authority for WSFS(FM) be extended for an additional year.

The undersigned counsel is authorized to represent that neither the licensee nor any party holding an attributable interest in the licensee is subject to a denial of federal benefits under Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862.

If any information is desired in connection with this matter, please feel free to contact the undersigned. Kindly date stamp the enclosed copy of this letter acknowledging its receipt by your office and return it to me in the enclosed self-addressed stamped envelope.

Respectfully submitted

A handwritten signature in blue ink that reads "Carrie A. Ward". The signature is fluid and cursive, with a long, sweeping tail on the letter "d".

Carrie A. Ward

cc: Susan Crawford, Audio Division