

FEDERAL COMMUNICATIONS COMMISSION
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March 8, 2016

Brad C. Deutsch, Esq.
Garvey Schubert Barer
1000 Potomac Street, NW
Suite 200
Washington, DC 20007-3501

Re: WGFP(AM), Webster, Massachusetts
Just Because, Inc.
Facility Identification Number 50232
File No. 20160223ACL

**Request for Extension of Special
Field Test Authorization**

Dear Counsel:

The staff has under consideration the request for extension of Special Field Test Authorization (SFTA) 20150826ACA,¹ filed on February 23, 2016, on behalf of Just Because, Inc. (JBI), licensee of Station WGFP(AM), Webster, Massachusetts,² and assigned File No. 20160223ACL (SFTA Extension Request). JBI requests extension of the SFTA, originally granted on September 10, 2015, pursuant to Section 73.1515 of the Commission's Rules³ to permit JBI to complete construction and operation of a High Efficiency Broadband Antenna (HEBA)⁴ on 940 kHz at a location within the licensed Station WGFP(AM) transmitter site.⁵ JBI requested the SFTA to take field strength measurements pursuant to

¹ File No. 20150826ACA.

² File Number BL-19830127AE. Station WGFP(AM) is a Class D AM station authorized to operate on 940 kilohertz (kHz) using a non-directional antenna and 1.0 kilowatt (kW) nominal power daytime and 0.004 kW nominal power nighttime, at a transmitter site described by geographic coordinates 42° 03' 17" North Latitude, 71° 50' 00" West Longitude, referenced to 1927 North American Datum ("NAD 27").

³ 47 CFR § 73.1515.

⁴ The HEBA, a non-standard antenna for AM broadcast use, is manufactured by WorldWide Antenna Systems LLC and consists of a tapered cylinder that generates an electric field and a metallic disc that generates a magnetic field. These elements are mounted on a non-conductive platform and excited separately. Beneath the antenna and attached to the platform under it, is a 36 feet by 36 feet conductive ground plane consisting of copper sheathing, approximately .020 inches thick. Copper strap extends from the sheathing to ground rods along the perimeter of the platform supports. At that point, copper strap extends to the transmitter and matching circuitry. A HEBA was previously constructed and operated at the Station WGFP(AM) transmitter site on 1630 kHz pursuant to experimental authority BPEX-20130402ACY.

⁵ The proposed location of the SFTA antenna is described by geographic coordinates 42° 03' 17" North Latitude, 71° 49' 59" West Longitude, referenced to NAD 27.

Section 73.186 of the Commission's Rules⁶ to evaluate the performance and determine the efficiency of the HEBA on 940 kHz. If the antenna performs as predicted, the data obtained pursuant to the SFTA will subsequently provide the basis for and be submitted as part of a minor change application requesting modification of the licensed Station WGFP(AM) facilities to permit permanent use of the HEBA antenna.

Although JBI initially thought that the proposed construction and operation of the HEBA antenna system could be completed within the 180-day period allowed by SFTA 20150826ACA, JBI reports that several local environmental issues related to wetlands, underground aquifers, and residential areas near the proposed site had to be addressed and resolved before HEBA construction could begin. As a result, construction was delayed. However, in the SFTA extension request, JBI documents the significant progress it has made on the construction of the HEBA antenna system since resolving the local environmental issues, and estimates that it should complete construction and operation of the HEBA antenna system within the next 180 days.

Our review of the SFTA Extension Request indicates that JBI has indeed made significant progress toward completion of construction and testing the HEBA antenna, and we believe that the proposed SFTA operation is unlikely to cause interference to any existing AM station. Accordingly, the JBI request for extension of SFTA **IS HEREBY GRANTED**. Call sign WX1GFP is assigned to the proposed test station. Station WX1GFP may operate during daytime non-critical hours only with the following facilities:

Frequency:	940 kHz
Hours of operation:	Non-critical daytime hours only
Mode of operation:	Non-directional
Antenna:	HEBA
Geographic coordinates:	42° 03' 17" NL; 71° 49' 59" WL (NAD 27)
Radiator height:	22.2 meters (including platform)
Operating power:	Not to exceed 1 kW
Antenna efficiency:	282 mV/m/km/kW. ⁷

Transmissions shall consist of an unmodulated carrier plus hourly voice station identification announcements. A report, detailing the methodology employed, the test results obtained and the analysis thereof, must be submitted to the Commission within 60 days following the conclusion of the authorized SFTA operation pursuant to Section 73.1515(c)(7) of the Commission's Rules.⁸ It will be necessary to reduce power or cease operation of the authorized SFTA facilities if complaints of interference are received. Additionally, it will be necessary to reduce power or cease operation of the authorized SFTA facilities to protect persons having access to the site from radiofrequency radiation in excess of FCC maximum permissible exposure limits.

This SFTA expires **September 5, 2016**.

Sincerely,



Susan N. Crawford
Audio Division
Media Bureau

cc: Charles A. Hecht (via email)

⁶ 47 CFR § 73.186.

⁷ Millivolts per meter at one kilometer for one kilowatt input power.

⁸ 47 CFR § 73.1515(c)(7).