

FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
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May 11, 2016

James P. Baxley, Jr.
Gulf Coast State College
Station WKGC
5230 West US Highway 98
Panama City, FL 32401

Re: WKGC-FM, Panama City, Florida
Facility Identification No. 25562
Gulf Coast Community College
File No. 20160509AAI

Request for Increased Digital Power
Hybrid IBOC Digital Operation

Dear Mr. Baxley:

This is in reference to the request filed May 9, 2016, on behalf of Gulf Coast Community College (GCCC), licensee of FM station WKGC-FM, Panama City, Florida.¹ GCCC requests authority to operate station WKGC-FM with increased digital ERP of -10 dBc,² pursuant to the Media Bureau's *Order* adopted January 27, 2010, in MM Docket No. 99-325.³

Our review indicates that the notification requirements of the *Order* have been satisfied, and that the proposed operation complies with the contour non-overlap and other technical requirements of the *Order*.

Accordingly, the request IS HEREBY GRANTED. Station WKGC-FM may operate with increased digital ERP and transmitter power output (TPO), as follows:

Analog ERP:	100 kW (H&V) ⁴
Digital ERP:	10.0 kW (H&V) ⁵
Combined TPO:	22.0 kW.

¹ File No. BLED-20090327ADW. Station WKGC-FM is licensed for analog operation on channel 214C1 (90.7 MHz) with 100 kilowatts (kW) effective radiated power (ERP) and 109 meters antenna radiation center height above average terrain (HAAT).

² Decibels relative to analog carrier.

³ See *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service*, Order, 25 FCC Rcd 1182 (2010) (*Order*).

⁴ All ERP and TPO values rounded in accordance with 47 CFR § 73.212(a).

⁵ Digital operation authorized herein assumes use of MP1 service mode and symmetric digital sideband power levels. Using the total digital sideband ERP values set forth in NRSC guideline "NRSC-G202, FM IBOC Total Digital Sideband Power for Various Configurations" (*NRSC-G202*) (September 2010) for MP1 service mode with symmetric digital sideband power levels, the maximum permissible total digital sideband ERP for station WKGC-FM is 10.0 kW. The licensee must adjust the station's total digital sideband ERP in accordance with NRSC-G202 if operating using a service mode other than MP1, i.e., MP2, MP3 or MP11 and symmetric digital sideband power levels.

GCCC must use whatever means are necessary to protect workers and the public from exposure to radio frequency radiation in excess of the Commission's exposure guidelines; *See* Section 1.1310 of the Commission's Rules.⁶ It may be necessary to reduce the power of the digital signal or cease hybrid operation if interference complaints are received. This authority may be modified or cancelled by the Commission without notice or right to hearing. This authority attaches to, and runs concurrently with, the main station license. GCCC must post a copy of this authority with the station license.

Sincerely,



Susan N. Crawford
Audio Division
Media Bureau

cc: William T. Godfrey, Jr. (via email)

⁶ 47 CFR § 1.1310.