

Diversified Communications Systems
9139 Route 18, Cranesville, PA 16410
814-756-3053

ENGINEERING STATEMENT OF RICHARD C. POGSON, CSRE
Prepared for: Colonial Radio Group Inc.
Regarding: W237CS

The Applicant, Colonial Radio Group Inc. proposes modification of existing License File Number BLFT-20071022AHZ. The proposed modification involves a change in antenna coordinates from the existing North Latitude: 41 degrees, 58 minutes, 12 seconds /West Longitude: 78 degrees, 42 minutes, 4 seconds. The proposed coordinates are North Latitude: 41 degrees, 50 minutes, 42 seconds /West Longitude: 78 degrees, 41 minutes, 26 seconds. A maximum effective radiated power (MERP) of .250 kilowatts is proposed at the amended translator location.

In evaluating contour overlap per 47 C.F.R 74.1204 one FM allotment was identified as having a potential to receive interference from this proposal. Figure No.1 illustrates the contour analysis for the proposed W237CS translator 100 dBu interfering contour and the protected 60 dBu contour of WHKS-FM. As illustrated an overlap does exist, however the area of the overlap is less than 2.0 km² and contains no population.

In summary, it has been demonstrated that acceptance of this proposal to modify antenna coordinates would not create objectionable interference and is in substantial compliance with the provisions of 47 C.F.R 74.1204.

Respectfully Submitted By,
Richard C. Pogson CSRE
Diversified Communications Systems

Figure No.1

