

**TECHNICAL EXHIBIT 24**  
**COMMUNITY COVERAGE**

IN SUPPORT OF AN APPLICATION  
FOR A CONSTRUCTION PERMIT  
**WKHI(FM), FRUITLAND, MARYLAND**  
OCTOBER 2008

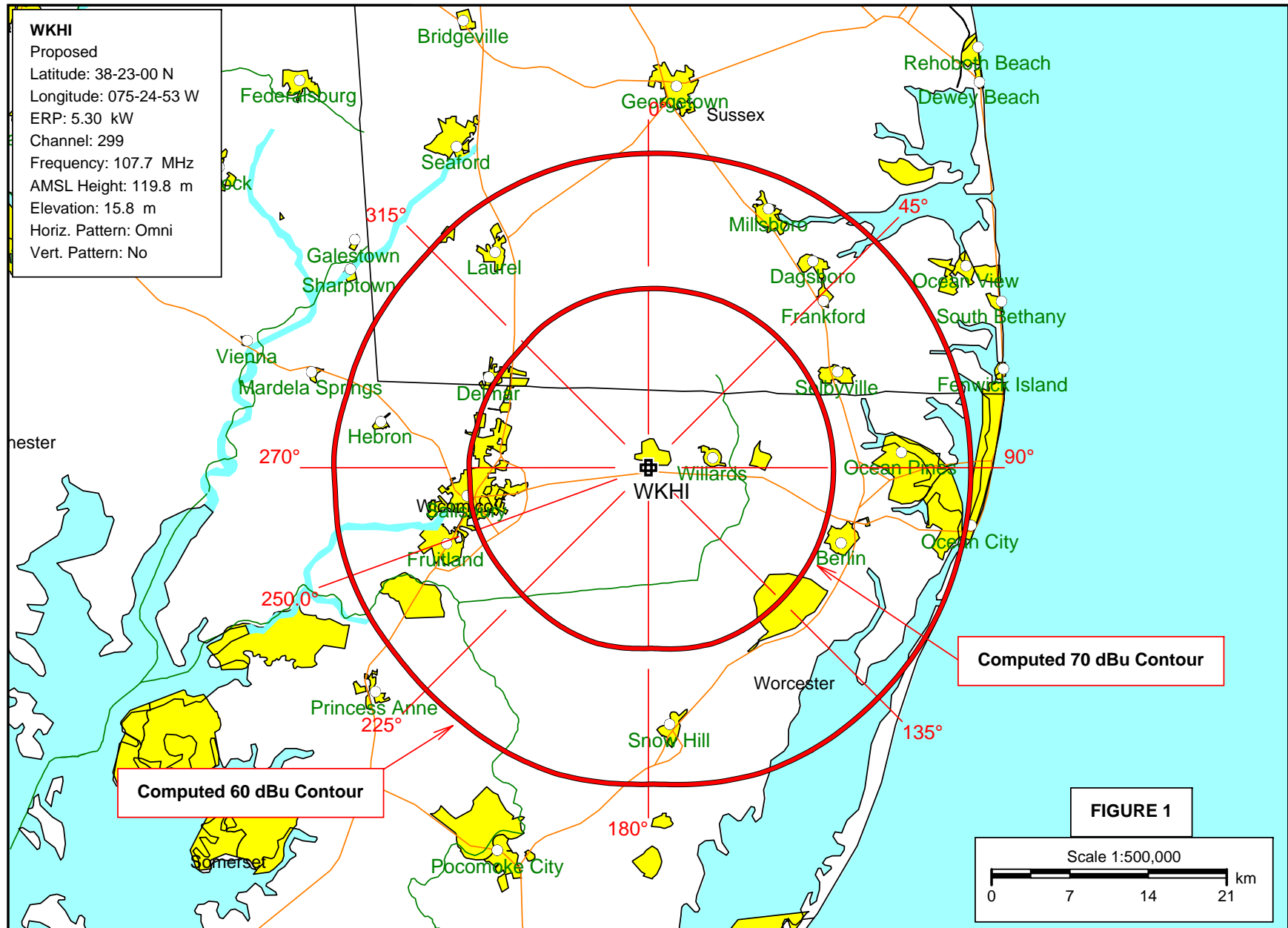
The attached map (Figure 1) shows the computed 70 dBu (3.16 mV/m) and 60 dBu (1.0 mV/m) contours for the proposed Channel 299A operation of WKHI(FM). The proposed contours have been computed according to Section 73.313 of the Commission's Rules and are based on the computerized 3-second terrain database. The predicted WKHI(FM) contours are based on a operation of 5.3 kW maximum ERP and 106 meters HAAT.

Figure 1 shows the proposed WKHI(FM) 70 dBu contour would fall short of providing the required service to Fruitland, MD. Since the terrain roughness factor ( $\Delta h = 9$  meters) from the proposed site in the direction (N 250° E) of Fruitland, MD is less than 20 meters, a supplemental showing is being provided in accordance with the Commission's policy associated with Section 73.313 of the their Rules.

The supplemental showings (Figure 2) were made using the Longley-Rice propagation and the FCC Point-to-Point methods to show the proposed 70 dBu contour. Both the supplemental showings demonstrates that the proposed WKHI(FM) operation provides 70 dBu signal to all of Fruitland, MD; therefore the proposal is in compliance with Section 73.315 of the Commission's Rules.

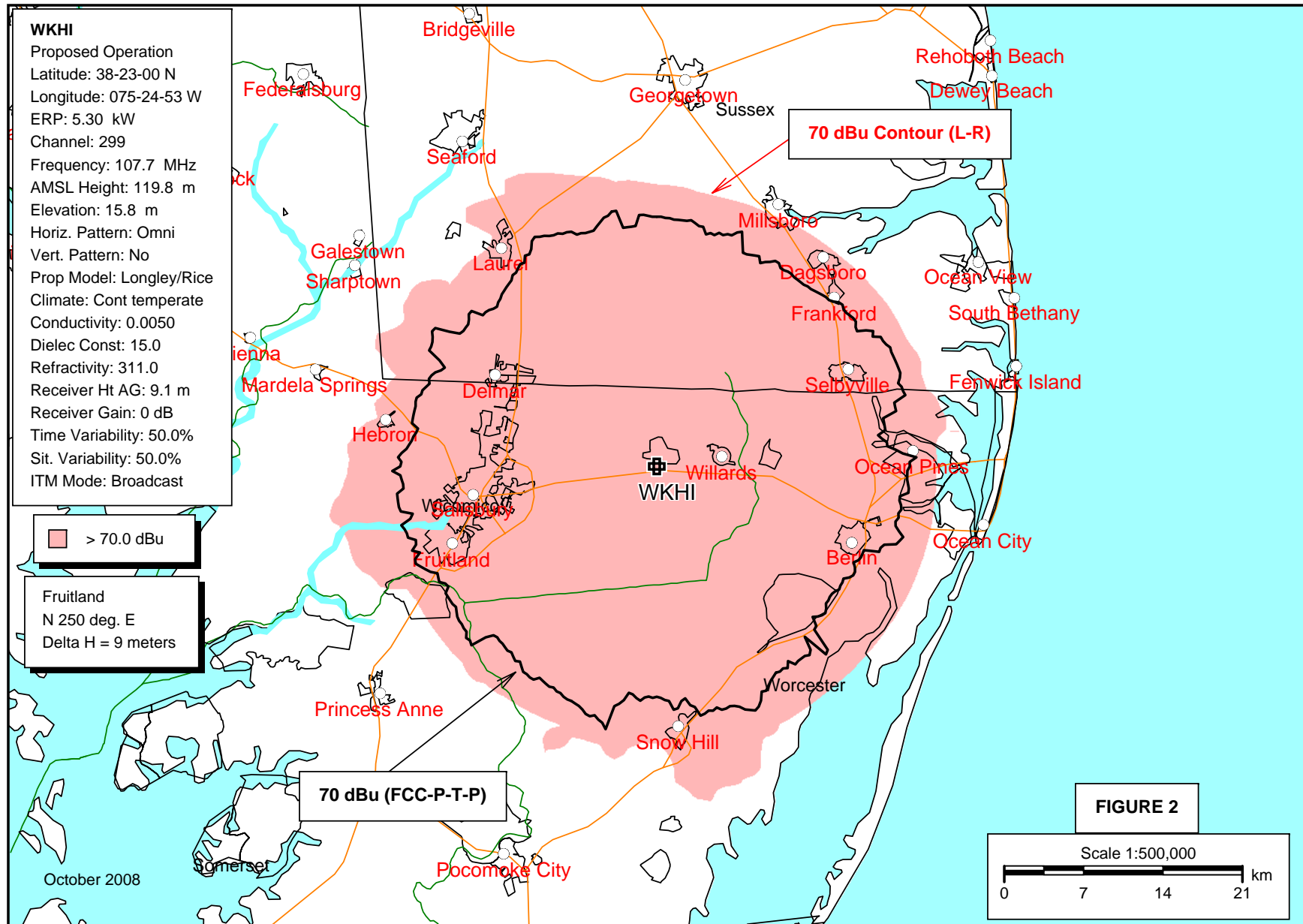
Similar showings were previously submitted with the original construction permit application for this site. The requested facilities at that time were 6 kW ERP and 72 meters HAAT and the community coverage was found compliant using the supplemental showing. Obviously, the now proposed facilities of 5.3 kW ERP and 106 meters HAAT

(equivalent to maximum Class A facilities) would result in improved coverage to the community of license.



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Computed Contours for The Proposed Class A Operation Of WKHI(FM), Fruitland, MD



Computed 70 dBu Signal Level for the Proposed WKHI(FM) Operation At R/C 104 meters AGL Based on Longley-Rice Propagation Method and 70 dBu Contour based on FCC Point-to-Point method