

FCC Form 349 - Exhibit 1 Statement

This proposal is a “250-mile window application”.

AM Primary Station:

WDTK(AM), Detroit, MI

AM Class C Station

Facility ID 68641

FM Translator Station:

W240CO, Charlotte, MI

Facility ID 156770

As shown below, the FM translator’s proposed relocation distance is less than 250 miles.

Find Distance and Azimuths Between 2 Sets of Coordinates -- Results

Distance between

N Latitude 42 30 38.00, W Longitude 84 49 35.00 (Point 1)

and N Latitude 42 26 53.00, W Longitude 83 10 23.00 (Point 2)

136.128 kilometers; 84.586 miles

Azimuth from point 1 to point 2 = 92.38°
Azimuth from point 2 to point 1 = 273.49°

[Another Distance Computation?](#)

Use [Sprong](#) to find the terminal or end coordinates, given a bearing and a distance.

This program is located at <http://www.fcc.gov/fcc-bin/audio/distance.html>