

HUTCHINSON, KS

TECHNICAL PARAMETERS (Section IV, Question 4)

The applicant can use this worksheet to determine the area covered by its proposal. For major modifications of existing stations report the proposed increase in area over that already authorized. For new stations report the proposed area to be covered by the new station.

1. Major Modification Applicants:

- a. Total area to be served by station's 60 dBu (FM) or Grade B (TV) standard predicted _____ sq. kilometers
contour **after proposed modification**
- b. Subtract major areas of water (e.g., lakes, oceans) _____ sq. kilometers
- c. Subtract common area already served by station's existing 60 dBu (FM) or Grade B (TV) standard predicted contour _____ sq. kilometers
- d. Equals new area to be served by **modified** station _____ sq. kilometers

Applicants for major modifications should take the amount of increased area from (1)(d) above and enter it in Section IV, question 4 of Form 340. Also calculate the population in that increased area using the centroid method based on the most recent census block data from the U.S. Bureau of Census.

2. Applications for New Stations:

- a. Total area to be served by **new station's** 60 dBu (FM) or Grade B (TV) standard predicted contour 398.3 sq. kilometers
- b. Subtract major areas of water (e.g., lakes, oceans) _____ sq. kilometers
- c. Equals Area to be served by **new** station 398.3 sq. kilometers

The amount of new area in (2)(c) above should be reported in Section IV, question 4 of Form 340. Also calculate the population in that new area using the centroid method based on the most recent census block data from the U.S. Bureau of Census.