

FIGURE 9C

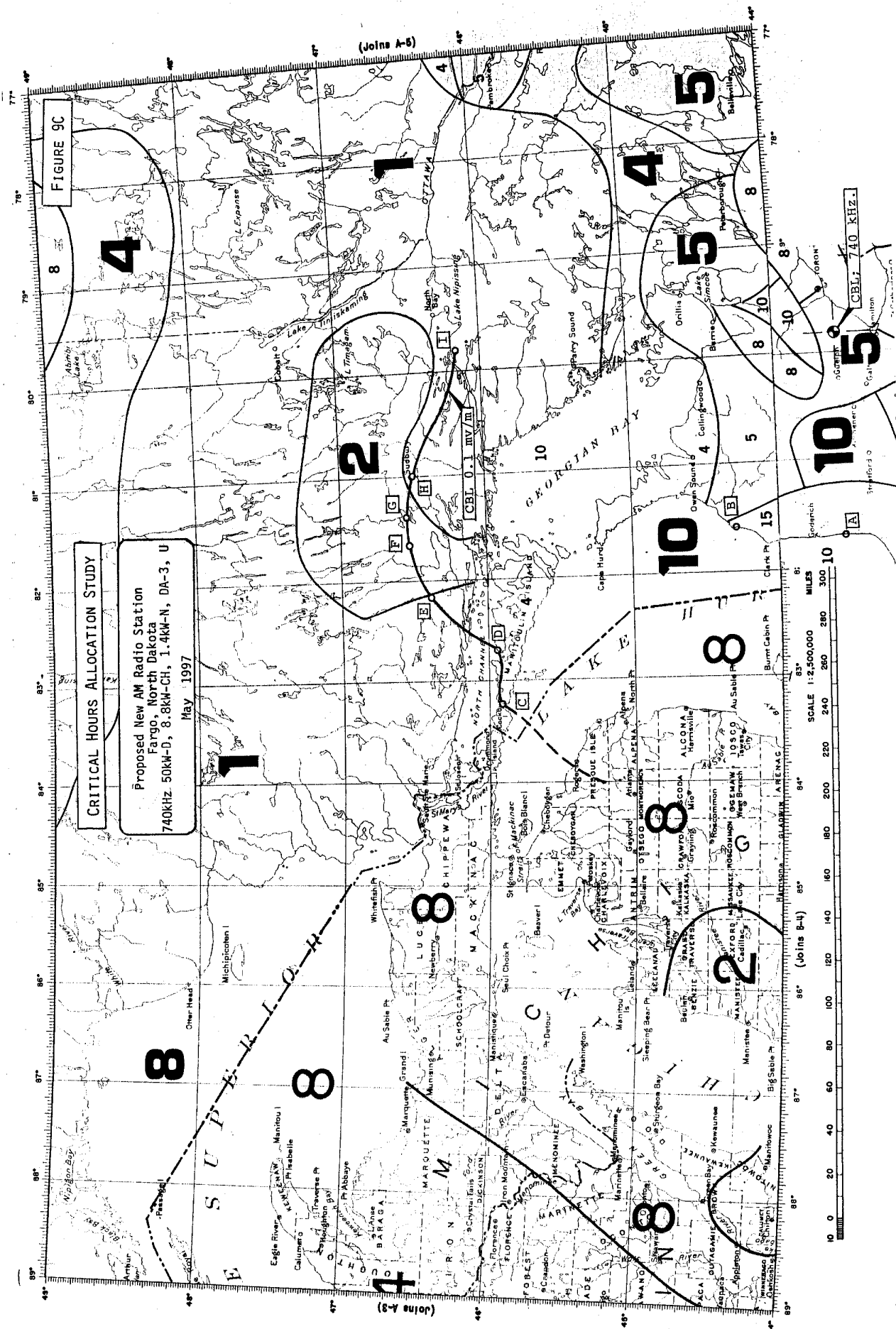


FIGURE 9D

CBL CRITICAL HOURS ANALYSIS

Proposed New AM Station
 Fargo, ND
 740 kHz; 50 kW-D, 8.8 kW-CH, 1.4 kW-N, DA-3, U

<u>CBL Contour Point</u>	<u>Bearing From CBL</u>	<u>CBL 0.1 mv/m Contour Dist. (km) Dist. (mi) Coordinates</u>	<u>Dist./ Bear. fr. Prop.</u>	<u>Max. Allowed Prop. mv/m</u>	<u>Prop. Theta Angle</u>	<u>Proposed mv/m/km @ Theta</u>
A	270.0°T	152.8 km* 95.0 mi* 43-33-34 81-42-51	1215.7 km 102.8 °T	804.1	0.0° 6.2°	128.24 130.03
B	300.0°T	163.3 km* 101.5 mi* 44-17-41 81-35-43	1194.6 km 99.0 °T	785.1	0.0° 6.4°	243.47 241.67
C	315.2°T	374.5 km 232.7 mi 45-54-53 83-13-46	1022.5 km 91.8 °T	630.3	0.0° 8.3°	521.85 507.57
D	320.2°T	346.7 km 215.4 mi 45-56-05 82-41-19	1063.0 km 91.2 °T	666.7	0.0° 7.8°	546.96 533.49
E	330.3°T	363.2 km 225.7 mi 46-23-19 82-09-53	1094.1 km 88.2 °T	694.7	0.0° 7.5°	674.69 658.42
F	336.9°T	359.8 km 223.6 mi 46-32-14 81-39-40	1129.9 km 87.0 °T	726.9	0.0° 7.1°	726.42 710.47
G	340.0°T	352.3 km 218.9 mi 46-32-29 81-23-42	1150.0 km 86.9 °T	745.0	0.0° 6.9°	730.74 715.56
H	344.5°T	337.8 km 209.9 mi 46-29-45 81-00-00	1180.6 km 86.9 °T	772.5	0.0° 6.6°	730.74 716.84
I	360.0°T	287.4 km 178.6 mi 46-09-36 79-49-11	1276.0 km 88.0 °T	858.4	0.0° 5.7°	683.30 673.70

* Designates farthest CBL contour point at that azimuth on Canadian land area.
 CBL signal strength at that point greater than 0.1 mv/m.