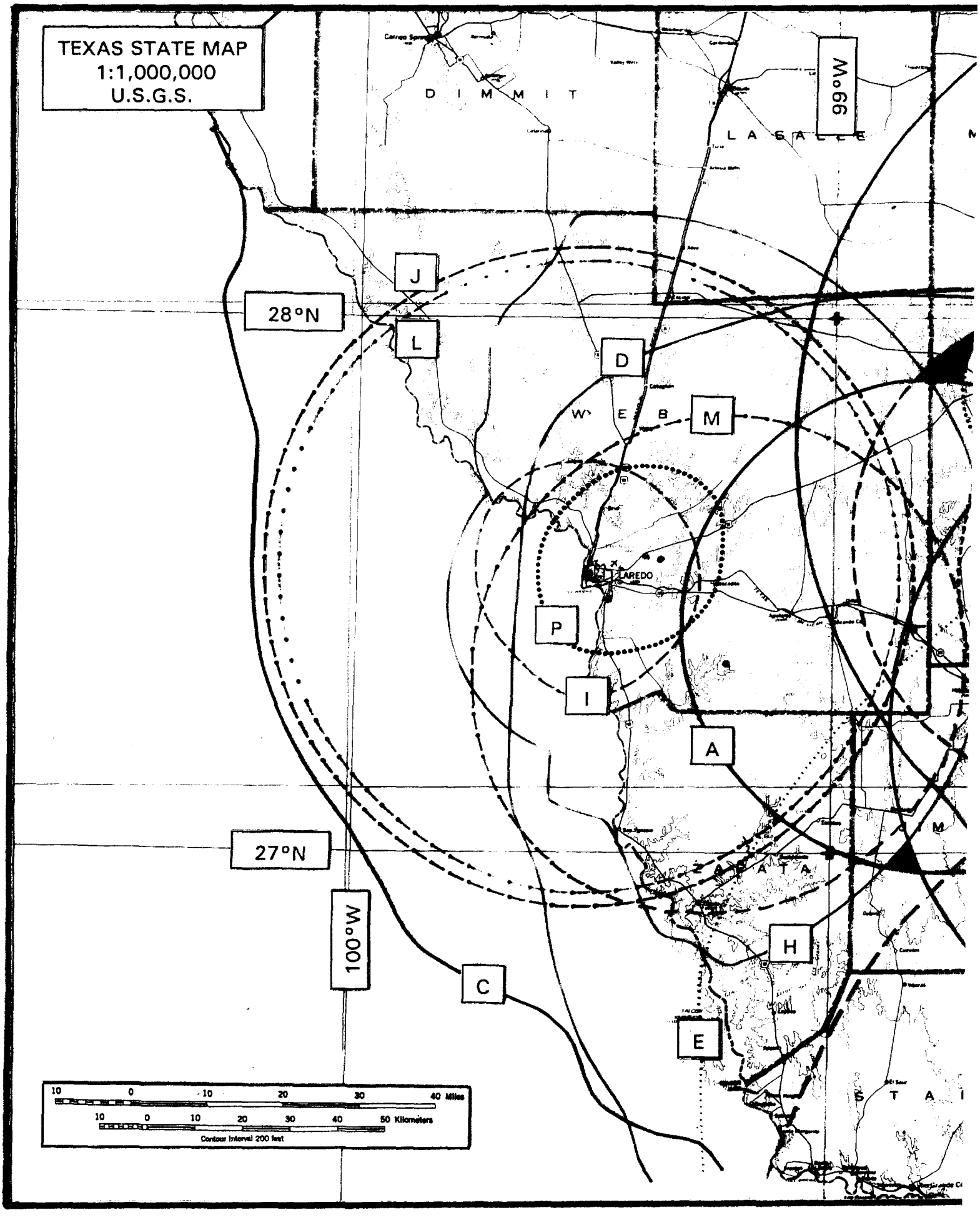
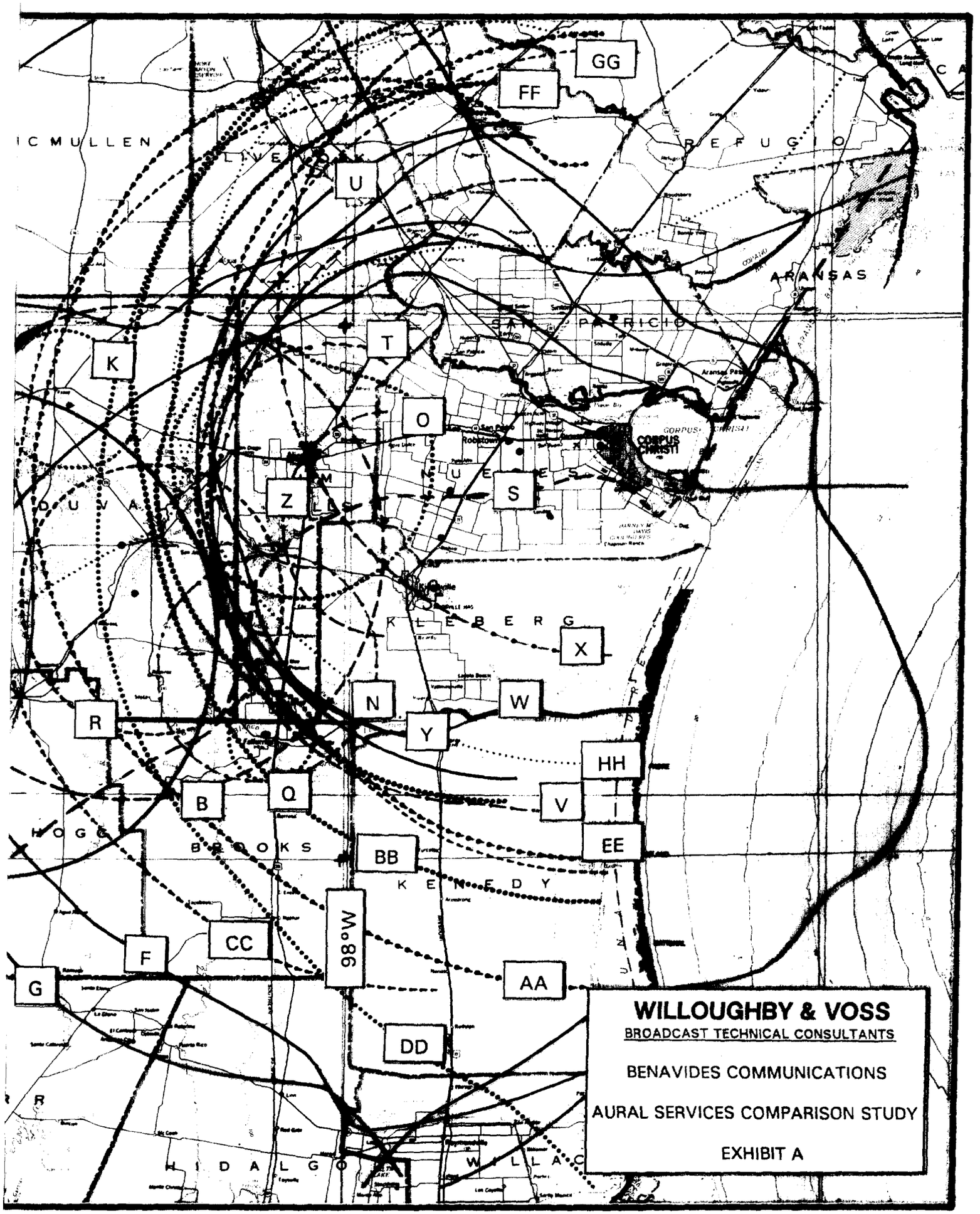
DISTANCES TO CONTOURS:

Azimuth (deg)	1 km Field (mV/m)	Segment Conductivity-Distance (mS/m)-(km) *measured	0.50 mV/m (km)
0.0	2185	30-104,15-146	252.
10.0	2185	30-132,15-118	262.
20.0	2185	30-14.6,5000-2.4,30-189, 15-44.4	287.
30.0	2185	30-15.4,5000-7.4,30-170, 15-57.6	283.
40.0	2185	30-16.7,5000-19.5,30-29.2, 5000-3.4,30-29,5000-7.6, 30-81.8,15-62.8	289.
50.0	2185	30-14.8,5000-2.1,30-13.2, 5000-4.1,30-.7,5000-6,30-18.6, 5000-10.9,30-29.4,5000-29.2, 30-6.6,5000-2.3,30-48.2, 15-45.5,30-18.5	323.
60.0	2185	30-26.3,5000-151,30-23.6, 5000-49.3	631.
70.0	2185	30-21.4,5000-229	667.
80.0	2185	30-17.3,5000-233	669.
90.0	2185	30-14.9,5000-235	670.
100.0	2185	30-13.5,5000-237	670.
110.0	2185	30-12.6,5000-237	670.
120.0	2185	30-12.3,5000-238	670.
130.0	2185	30-12.2,5000-238	670.
140.0	2185	30-12.6,5000-237	670.
150.0	2185	30-13.3,5000-237	670.
160.0	2185	30-10.9,5000-239	671.
170.0	2185	30-7.6,5000-242	671.
180.0	2185	30-6,5000-199,30-16.8,20-43.8	376.
190.0	2185	30-6.1,5000-18.9,30-28.5, 5000-77.5,30-85.9,20-33.1	335.
200.0	2185	30-6.4,5000-17.5,30-37.6, 5000-11.1,30-4.1,5000-6.9, 30-140,20-26.3	311.
210.0	2185	30-7.1,5000-14.4,30-53.2, 5000-4.4,30-3.9,5000-1.5, 30-64.9,15-56.6,30-20.2, 20-23.9	284.
220.0	2185	30-8.1,5000-11.2,30-53.7, 5000-.8,30-59.5,15-99.5, 20-17.2	267.
230.0	2185	30-9.8,5000-12.1,30-102, 15-119,3-6.8	253.
240.0	2185	30-12.9,5000-10.9,30-90.7, 15-119,3-16.8	247.
250.0	2185	30-19.7,5000-5.7,30-74.2, 15-130,3-20.6	242.
260.0	2185	30-84.4,15-142,3-23.7	237.
270.0	2185	30-73.7,15-154,8-22.6	239.
280.0	2185	30-67.2,15-162,8-20.9	237.
290.0	2185	30-63.5,15-181,	238.
300.0	2185	30-62,15-188	238.
310.0	2185	30-62.4,15-201	238.
320.0	2185	30-64.8,15-165,8-20.4	237.
330.0	2185	30-69.6,15-143,8-37.5	235.
340.0	2185	30-77.5,15-142,8-30	238.
350.0	2185	30-87.4,15-179	246.

Date: 07-21-95 Site Coordinates: 27-56- 1 N 97-15-34 W
Curve Number: 12 Conductivity File: B:\BENA\KCTA


TEXAS STATE MAP
1:1,000,000
U.S.G.S.
D I M M I T
L A S A L L E
99°W
28°N
27°N
100°W
J
L
D
M
P
I
A
H
C
E
W E B
LAREDO
Contour Interval 200 feet
10 0 10 20 30 40 Miles
10 0 10 20 30 40 50 Kilometers


GG
FF
U
T
K
O
Z
S
X
N
W
R
Y
HH
B
Q
V
EE
BB
CC
F
G
AA
DD
98°W
REFUGIO
ARANSAS
SAN PATRICIO
CORPUS CHRISTI
KLEBERG
BROOKS
KENNEDY
HIDALGO
WILLACY
WILLOUGHBY & VOSS
BROADCAST TECHNICAL CONSULTANTS
BENAVIDES COMMUNICATIONS
AURAL SERVICES COMPARISON STUDY
EXHIBIT A