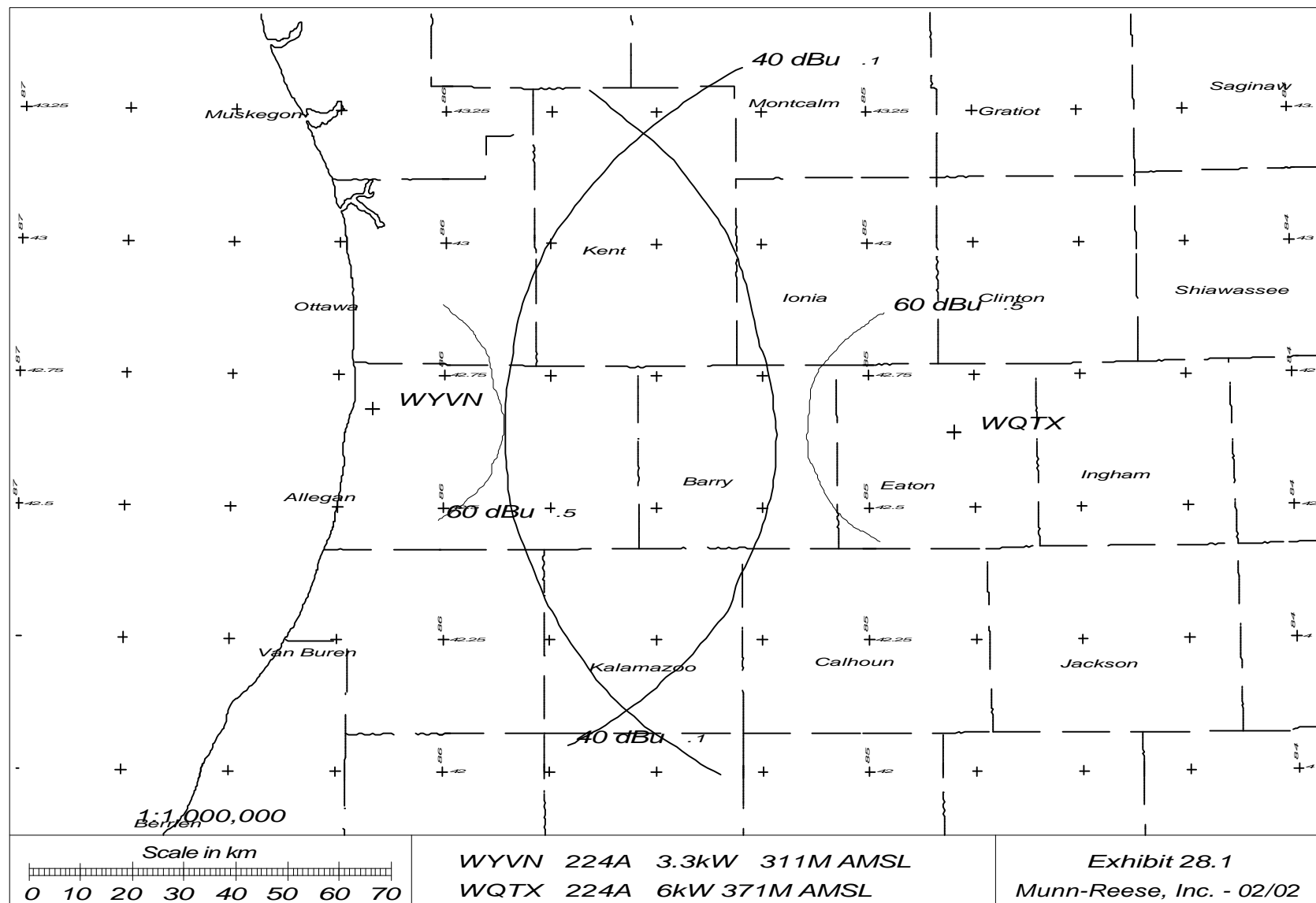


EXHIBIT 28.1

CONTOUR PROTECTION TOWARDS WQTX (max facilities)



MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036

EXHIBIT 28.1**CONTOUR PROTECTION TOWARDS WQTX (max facilities)**

02-18-2002 03 Sec. Terrain Data

WYVN Proposed
 Channel = 224A
 Max ERP = 3.3 kW
 RCAMSL = 311 M
 N. Lat = 424110
 W. Lng = 861005

WQTX BMLH19940610KA
 Channel = 224A
 Max ERP = 6 kW
 RCAMSL = 371 M
 N. Lat = 42 38 31
 W. Lng = 84 47 55

Protected
 60 dBu

Interfering
 40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
080.0	003.3000	0091.7	023.7	276.2	006.0000	0101.2	089.3	39.3
081.0	003.3000	0093.1	023.9	276.0	006.0000	0101.2	089.0	39.4
082.0	003.3000	0094.8	024.1	275.7	006.0000	0101.2	088.7	39.5
083.0	003.3000	0095.6	024.2	275.5	006.0000	0101.1	088.6	39.5
084.0	003.3000	0096.3	024.3	275.2	006.0000	0101.1	088.4	39.6
085.0	003.3000	0097.4	024.4	275.0	006.0000	0101.1	088.2	39.6
086.0	003.3000	0098.5	024.6	274.7	006.0000	0101.1	088.0	39.7
087.0	003.3000	0099.1	024.6	274.4	006.0000	0101.0	087.9	39.7
088.0	003.3000	0099.5	024.7	274.1	006.0000	0101.0	087.8	39.7
089.0	003.3000	0099.9	024.7	273.9	006.0000	0101.0	087.7	39.8
090.0	003.3000	0100.1	024.8	273.6	006.0000	0101.0	087.7	39.8
091.0	003.3000	0101.1	024.9	273.3	006.0000	0100.9	087.5	39.8
092.0	003.3000	0102.6	025.1	273.0	006.0000	0100.9	087.3	39.9
093.0	003.3000	0103.8	025.2	272.7	006.0000	0100.9	087.2	39.9
094.0	003.3000	0104.6	025.3	272.4	006.0000	0100.7	087.1	39.9
095.0	003.3000	0104.6	025.3	272.1	006.0000	0100.7	087.2	39.9
096.0	003.3000	0105.3	025.4	271.8	006.0000	0100.7	087.1	39.9
097.0	003.3000	0105.8	025.4	271.6	006.0000	0100.7	087.1	39.9
098.0	003.3000	0106.5	025.5	271.3	006.0000	0100.6	087.1	39.9
099.0	003.3000	0107.6	025.6	271.0	006.0000	0100.6	087.0	39.9
100.0	003.3000	0108.2	025.7	270.7	006.0000	0100.6	087.0	39.9
101.0	003.3000	0108.3	025.7	270.4	006.0000	0100.5	087.1	39.9
102.0	003.3000	0108.7	025.7	270.1	006.0000	0100.5	087.2	39.9
103.0	003.3000	0109.4	025.8	269.8	006.0000	0100.5	087.2	39.9
104.0	003.3000	0109.7	025.8	269.5	006.0000	0101.0	087.3	39.9
105.0	003.3000	0109.6	025.8	269.2	006.0000	0101.0	087.4	39.8
106.0	003.3000	0109.6	025.8	268.9	006.0000	0101.0	087.5	39.8
107.0	003.3000	0109.7	025.8	268.6	006.0000	0101.0	087.7	39.8
108.0	003.3000	0109.9	025.8	268.3	006.0000	0101.4	087.8	39.7
109.0	003.3000	0110.1	025.9	268.1	006.0000	0101.4	087.9	39.7
110.0	003.3000	0110.5	025.9	267.8	006.0000	0101.4	088.1	39.7
111.0	003.3000	0110.8	025.9	267.5	006.0000	0101.4	088.2	39.6
112.0	003.3000	0111.0	026.0	267.2	006.0000	0101.2	088.4	39.6
113.0	003.3000	0110.8	026.0	267.0	006.0000	0101.2	088.6	39.5
114.0	003.3000	0110.6	025.9	266.7	006.0000	0101.2	088.9	39.5
115.0	003.3000	0110.4	025.9	266.5	006.0000	0100.8	089.1	39.4

MUNN-REESE, INC.

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EXHIBIT 28.1**CONTOUR PROTECTION TOWARDS WQTX (max facilities)**

02-18-2002 03 Sec. Terrain Data

WQTX BMLH19940610KA
 Channel = 224A
 Max ERP = 6 kW
 RCAMSL = 371 M
 N. Lat = 42 38 31
 W. Lng = 84 47 55

WYVN proposed
 Channel = 224A
 Max ERP = 3.3 kW
 RCAMSL = 311 M
 N. Lat = 424110
 W. Lng = 861005

Protected 60 dBu				Interfering 40 dBu				
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
260.0	006.0000	0102.6	028.6	096.4	003.3000	0105.3	084.7	38.2
261.0	006.0000	0102.3	028.6	096.0	003.3000	0105.3	084.6	38.2
262.0	006.0000	0101.7	028.5	095.7	003.3000	0105.3	084.5	38.2
263.0	006.0000	0101.1	028.4	095.4	003.3000	0104.6	084.5	38.2
264.0	006.0000	0100.7	028.4	095.0	003.3000	0104.6	084.4	38.2
265.0	006.0000	0100.5	028.4	094.7	003.3000	0104.6	084.4	38.3
266.0	006.0000	0100.8	028.4	094.4	003.3000	0104.6	084.2	38.3
267.0	006.0000	0101.2	028.5	094.0	003.3000	0104.6	084.1	38.3
268.0	006.0000	0101.4	028.5	093.7	003.3000	0104.6	084.0	38.4
269.0	006.0000	0101.0	028.4	093.4	003.3000	0103.8	084.0	38.3
270.0	006.0000	0100.5	028.4	093.0	003.3000	0103.8	084.1	38.3
271.0	006.0000	0100.6	028.4	092.7	003.3000	0103.8	084.0	38.3
272.0	006.0000	0100.7	028.4	092.3	003.3000	0102.6	084.0	38.3
273.0	006.0000	0100.9	028.4	092.0	003.3000	0102.6	084.0	38.3
274.0	006.0000	0101.0	028.4	091.7	003.3000	0102.6	084.0	38.3
275.0	006.0000	0101.1	028.4	091.3	003.3000	0101.1	084.0	38.2
276.0	006.0000	0101.2	028.4	091.0	003.3000	0101.1	084.0	38.2
277.0	006.0000	0100.9	028.4	090.6	003.3000	0101.1	084.1	38.2
278.0	006.0000	0100.6	028.4	090.3	003.3000	0100.1	084.1	38.1
279.0	006.0000	0100.9	028.4	090.0	003.3000	0100.1	084.2	38.1
280.0	006.0000	0101.1	028.4	089.6	003.3000	0100.1	084.2	38.1
281.0	006.0000	0101.5	028.5	089.3	003.3000	0099.9	084.3	38.1
282.0	006.0000	0101.8	028.5	089.0	003.3000	0099.9	084.3	38.1
283.0	006.0000	0102.4	028.6	088.6	003.3000	0099.9	084.4	38.0
284.0	006.0000	0103.1	028.7	088.3	003.3000	0099.5	084.4	38.0
285.0	006.0000	0104.0	028.8	087.9	003.3000	0099.5	084.4	38.0
286.0	006.0000	0104.5	028.9	087.6	003.3000	0099.5	084.5	38.0
287.0	006.0000	0105.2	029.0	087.2	003.3000	0099.1	084.6	37.9
288.0	006.0000	0105.6	029.0	086.9	003.3000	0099.1	084.7	37.9
289.0	006.0000	0106.0	029.1	086.6	003.3000	0099.1	084.8	37.9
290.0	006.0000	0106.2	029.1	086.2	003.3000	0098.5	085.0	37.8
291.0	006.0000	0106.6	029.2	085.9	003.3000	0098.5	085.2	37.7
292.0	006.0000	0106.7	029.2	085.6	003.3000	0098.5	085.4	37.7
293.0	006.0000	0106.5	029.1	085.3	003.3000	0097.4	085.6	37.6
294.0	006.0000	0106.4	029.1	085.0	003.3000	0097.4	085.9	37.5
295.0	006.0000	0106.8	029.2	084.7	003.3000	0097.4	086.1	37.5
296.0	006.0000	0107.2	029.2	084.4	003.3000	0096.3	086.3	37.3
297.0	006.0000	0107.3	029.2	084.1	003.3000	0096.3	086.5	37.3
298.0	006.0000	0106.8	029.2	083.8	003.3000	0096.3	086.9	37.2
299.0	006.0000	0105.9	029.1	083.6	003.3000	0096.3	087.2	37.1

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