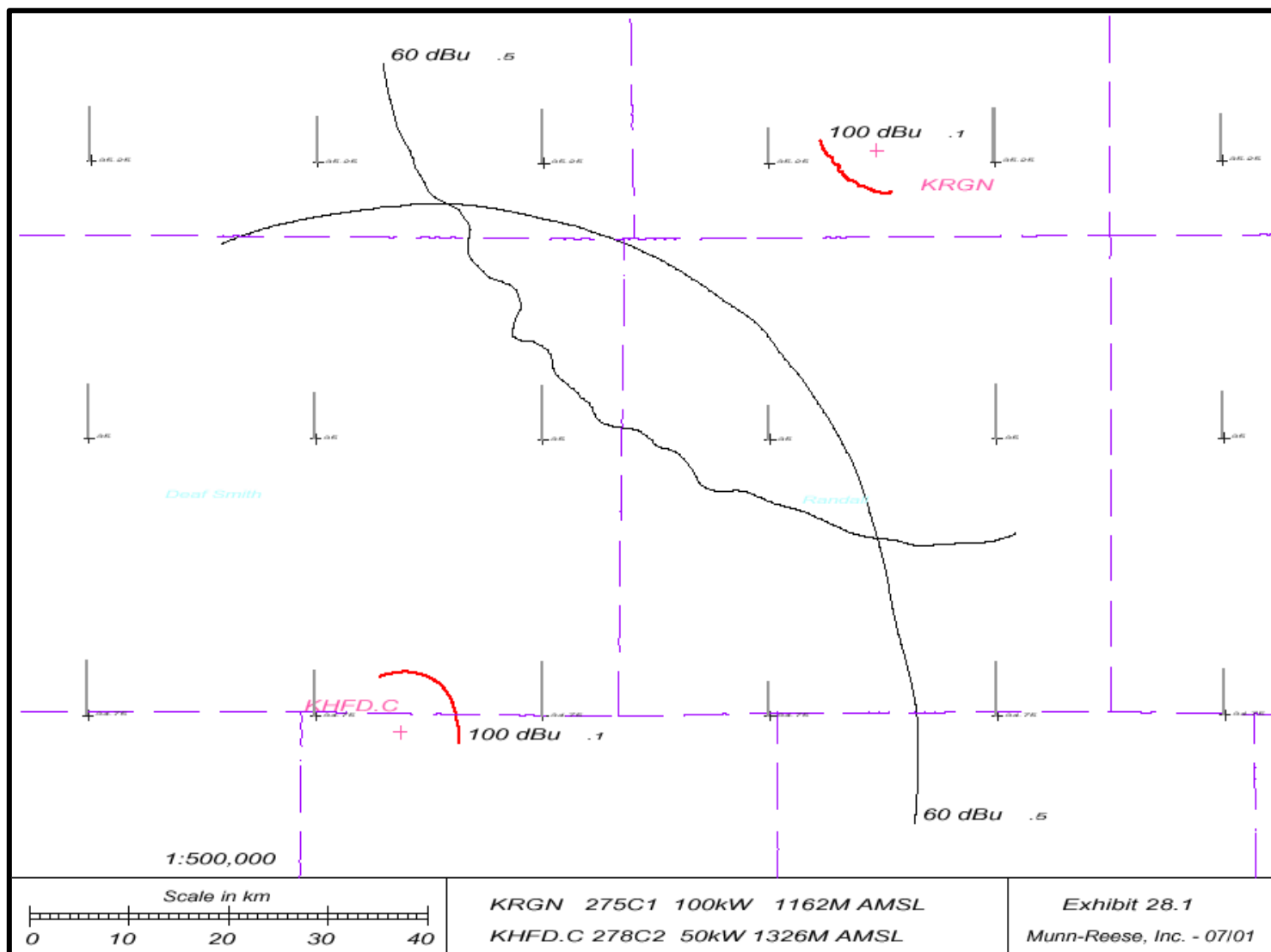


# EXHIBIT 28.1

## CONTOUR PROTECTION TOWARDS KHFD.C (max facilities)



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

# EXHIBIT 28.1

## CONTOUR PROTECTION TOWARDS KHFD.C (max facilities)

07-05-2001 03 Sec. Terrain Data

KRGN proposed  
 Channel = 275C1  
 Max ERP = 100 kW  
 RCAMSL = 1162 M  
 N. Lat = 351539  
 W. Lng = 1015252

KHFD.C (max facilities)  
 Channel = 278C2  
 Max ERP = 50 kW  
 RCAMSL = 1326 M  
 N. Lat = 34 44 07  
 W. Lng = 102 24 27

Protected  
 60 dBu

Interfering  
 100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
205.0	100.0000	0046.7	037.8	053.0	050.0000	0159.3	040.2	68.3
206.0	100.0000	0047.0	037.9	052.2	050.0000	0159.8	039.8	68.5
207.0	100.0000	0047.2	038.0	051.4	050.0000	0160.4	039.4	68.7
208.0	100.0000	0046.9	037.9	050.5	050.0000	0161.1	039.3	68.8
209.0	100.0000	0045.8	037.4	049.3	050.0000	0162.1	039.4	68.8
210.0	100.0000	0044.7	037.0	048.2	050.0000	0162.5	039.6	68.8
211.0	100.0000	0043.9	036.7	047.2	050.0000	0162.8	039.7	68.7
212.0	100.0000	0043.3	036.5	046.2	050.0000	0163.2	039.7	68.7
213.0	100.0000	0043.0	036.3	045.3	050.0000	0163.8	039.7	68.8
214.0	100.0000	0043.1	036.4	044.4	050.0000	0165.4	039.5	68.9
215.0	100.0000	0043.5	036.6	043.6	050.0000	0165.4	039.3	69.1
216.0	100.0000	0044.3	036.9	042.7	050.0000	0167.1	038.9	69.3
217.0	100.0000	0044.6	037.0	041.8	050.0000	0168.6	038.7	69.5
218.0	100.0000	0044.2	036.8	040.8	050.0000	0168.9	038.8	69.4
219.0	100.0000	0044.1	036.8	039.8	050.0000	0168.6	038.8	69.4
220.0	100.0000	0044.3	036.9	038.9	050.0000	0167.6	038.8	69.4
221.0	100.0000	0044.9	037.1	037.9	050.0000	0166.9	038.5	69.5
222.0	100.0000	0046.0	037.5	036.9	050.0000	0166.3	038.2	69.6
223.0	100.0000	0047.2	038.0	035.9	050.0000	0166.0	037.8	69.8
224.0	100.0000	0048.5	038.5	034.8	050.0000	0166.1	037.4	70.0
225.0	100.0000	0049.4	038.8	033.7	050.0000	0166.2	037.2	70.1
226.0	100.0000	0049.6	038.9	032.6	050.0000	0166.1	037.2	70.1
227.0	100.0000	0049.4	038.8	031.6	050.0000	0166.1	037.5	70.0
228.0	100.0000	0048.7	038.5	030.8	050.0000	0166.1	037.9	69.7
229.0	100.0000	0048.6	038.5	029.8	050.0000	0166.2	038.2	69.6
230.0	100.0000	0049.1	038.7	028.8	050.0000	0166.1	038.2	69.6
231.0	100.0000	0049.1	038.7	027.8	050.0000	0165.7	038.5	69.5
232.0	100.0000	0049.4	038.8	026.9	050.0000	0165.4	038.6	69.4
233.0	100.0000	0049.9	039.0	025.9	050.0000	0165.2	038.8	69.3
234.0	100.0000	0050.3	039.1	024.9	050.0000	0165.0	039.0	69.2
235.0	100.0000	0050.7	039.3	023.9	050.0000	0164.5	039.2	69.1
236.0	100.0000	0050.6	039.2	023.1	050.0000	0164.1	039.6	68.8
237.0	100.0000	0049.6	038.9	022.5	050.0000	0164.1	040.3	68.5
238.0	100.0000	0049.0	038.6	021.9	050.0000	0163.5	040.8	68.2
239.0	100.0000	0049.2	038.7	021.1	050.0000	0163.1	041.2	68.1
240.0	100.0000	0050.0	039.0	020.1	050.0000	0162.9	041.4	68.0

**MUNN-REESE, INC.**

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# EXHIBIT 28.1

## CONTOUR PROTECTION TOWARDS KHFD.C (max facilities)

07-05-2001    03 Sec. Terrain Data

KHFD.C (max facilities)  
 Channel = 278C2  
 Max ERP = 50 kW  
 RCAMSL = 1326 M  
 N. Lat = 34 44 07  
 W. Lng = 102 24 27

KRGN proposed  
 Channel = 275C1  
 Max ERP = 100 kW  
 RCAMSL = 1162 M  
 N. Lat = 351539  
 W. Lng = 1015252

Protected  
60 dBu

Interfering  
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
025.0	050.0000	0165.0	054.1	249.6	100.0000	0050.8	026.8	68.4
026.0	050.0000	0165.2	054.1	248.2	100.0000	0049.5	026.1	68.7
027.0	050.0000	0165.4	054.1	246.6	100.0000	0049.7	025.5	69.1
028.0	050.0000	0165.7	054.1	244.9	100.0000	0053.0	024.9	70.1
029.0	050.0000	0166.1	054.2	243.2	100.0000	0056.3	024.3	71.1
030.0	050.0000	0166.2	054.2	241.3	100.0000	0051.6	023.7	70.7
031.0	050.0000	0166.1	054.2	239.3	100.0000	0049.2	023.3	70.6
032.0	050.0000	0166.1	054.2	237.2	100.0000	0049.6	022.9	71.0
033.0	050.0000	0166.1	054.2	235.0	100.0000	0050.7	022.5	71.5
034.0	050.0000	0166.2	054.2	232.7	100.0000	0049.9	022.1	71.6
035.0	050.0000	0166.1	054.2	230.4	100.0000	0049.1	021.9	71.7
036.0	050.0000	0166.0	054.2	227.9	100.0000	0048.7	021.7	71.8
037.0	050.0000	0166.3	054.2	225.5	100.0000	0049.4	021.5	72.0
038.0	050.0000	0166.9	054.3	223.0	100.0000	0047.2	021.3	71.8
039.0	050.0000	0167.6	054.4	220.4	100.0000	0044.3	021.1	71.3
040.0	050.0000	0168.6	054.5	217.9	100.0000	0044.2	021.0	71.3
041.0	050.0000	0168.9	054.5	215.3	100.0000	0043.5	021.1	71.2
042.0	050.0000	0168.6	054.5	212.7	100.0000	0043.0	021.2	70.9
043.0	050.0000	0167.1	054.3	210.3	100.0000	0044.7	021.6	71.0
044.0	050.0000	0165.4	054.1	208.1	100.0000	0046.9	022.0	71.1
045.0	050.0000	0163.8	053.9	205.9	100.0000	0047.0	022.4	70.8
046.0	050.0000	0163.2	053.8	203.7	100.0000	0045.9	022.8	70.3
047.0	050.0000	0162.8	053.8	201.7	100.0000	0044.2	023.3	69.6
048.0	050.0000	0162.5	053.8	199.7	100.0000	0043.8	023.7	69.2
049.0	050.0000	0162.1	053.7	197.8	100.0000	0044.0	024.2	68.9
050.0	050.0000	0161.1	053.6	196.1	100.0000	0044.4	024.8	68.5
051.0	050.0000	0160.4	053.5	194.5	100.0000	0044.4	025.4	68.1
052.0	050.0000	0159.8	053.4	192.9	100.0000	0044.5	026.1	67.7
053.0	050.0000	0159.3	053.4	191.5	100.0000	0044.7	026.7	67.3
054.0	050.0000	0158.7	053.3	190.1	100.0000	0045.2	027.4	67.0
055.0	050.0000	0158.2	053.2	188.9	100.0000	0045.6	028.1	66.6
056.0	050.0000	0157.5	053.2	187.8	100.0000	0046.1	028.8	66.3
057.0	050.0000	0156.8	053.1	186.7	100.0000	0046.7	029.6	66.0
058.0	050.0000	0156.3	053.0	185.7	100.0000	0047.2	030.4	65.7
059.0	050.0000	0155.8	052.9	184.8	100.0000	0047.8	031.1	65.4
060.0	050.0000	0154.9	052.8	184.0	100.0000	0048.4	032.0	65.2