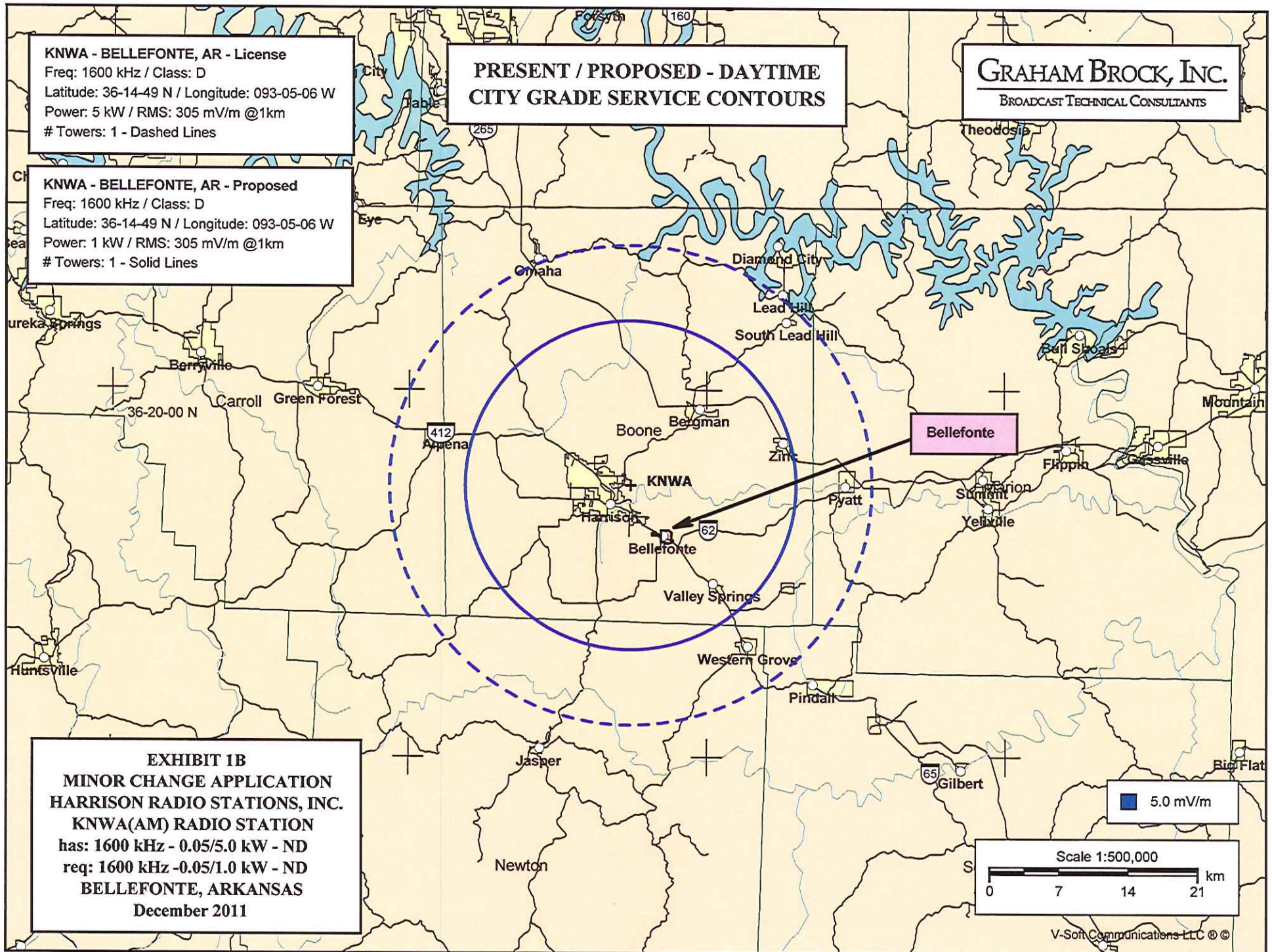


KNWA - BELLEFONTE, AR - License
Freq: 1600 kHz / Class: D
Latitude: 36-14-49 N / Longitude: 093-05-06 W
Power: 5 kW / RMS: 305 mV/m @1km
Towers: 1 - Dashed Lines

KNWA - BELLEFONTE, AR - Proposed
Freq: 1600 kHz / Class: D
Latitude: 36-14-49 N / Longitude: 093-05-06 W
Power: 1 kW / RMS: 305 mV/m @1km
Towers: 1 - Solid Lines

**PRESENT / PROPOSED - DAYTIME
CITY GRADE SERVICE CONTOURS**

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

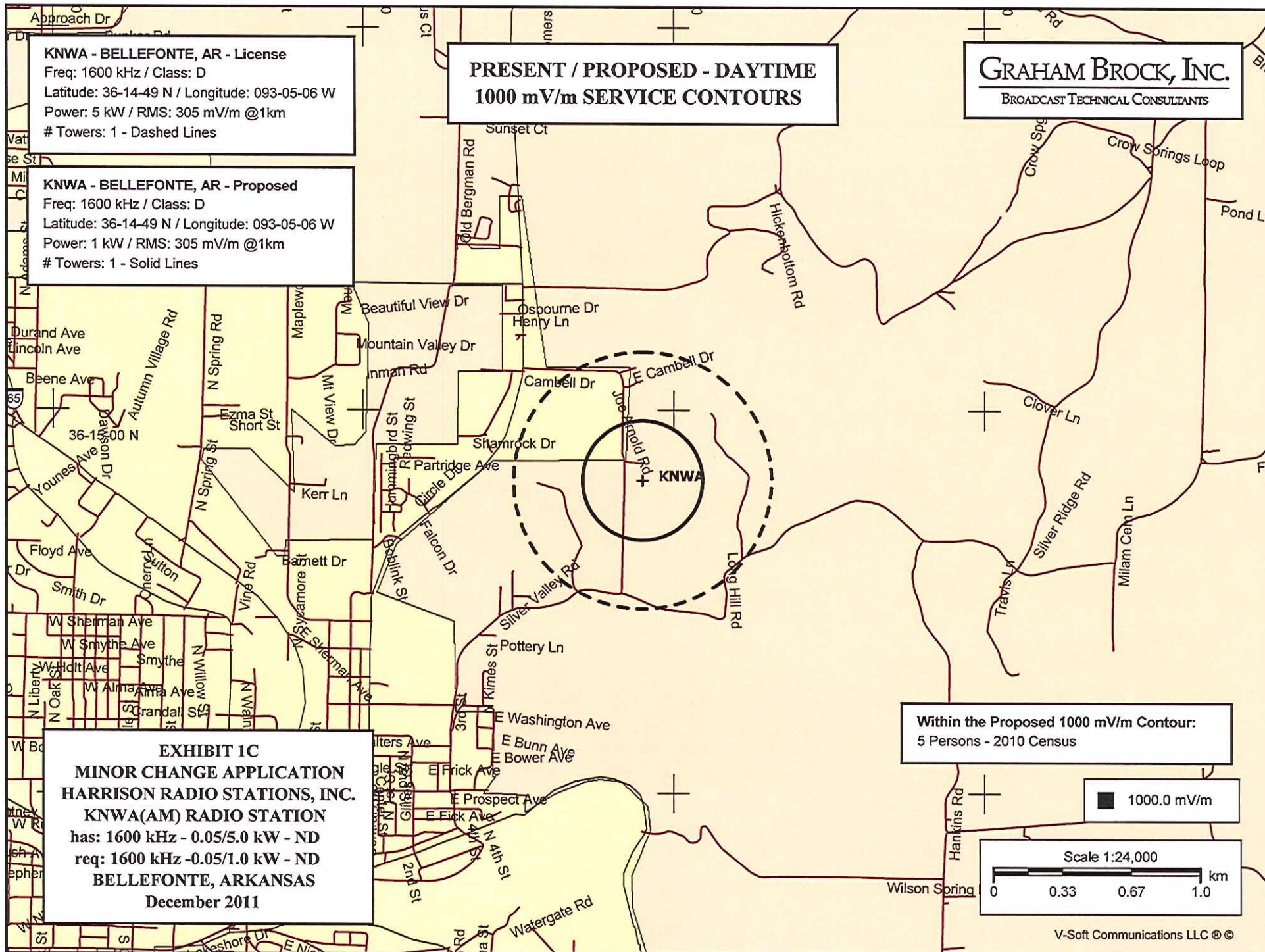


KNWA - BELLEFONTE, AR - License
Freq: 1600 kHz / Class: D
Latitude: 36-14-49 N / Longitude: 093-05-06 W
Power: 5 kW / RMS: 305 mV/m @1km
Towers: 1 - Dashed Lines

KNWA - BELLEFONTE, AR - Proposed
Freq: 1600 kHz / Class: D
Latitude: 36-14-49 N / Longitude: 093-05-06 W
Power: 1 kW / RMS: 305 mV/m @1km
Towers: 1 - Solid Lines

**PRESENT / PROPOSED - DAYTIME
1000 mV/m SERVICE CONTOURS**

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS



**EXHIBIT 1C
MINOR CHANGE APPLICATION
HARRISON RADIO STATIONS, INC.
KNWA(AM) RADIO STATION
has: 1600 kHz - 0.05/5.0 kW - ND
req: 1600 kHz - 0.05/1.0 kW - ND
BELLEFONTE, ARKANSAS
December 2011**

**Within the Proposed 1000 mV/m Contour:
5 Persons - 2010 Census**

1000.0 mV/m

Scale 1:24,000

0 0.33 0.67 1.0 km

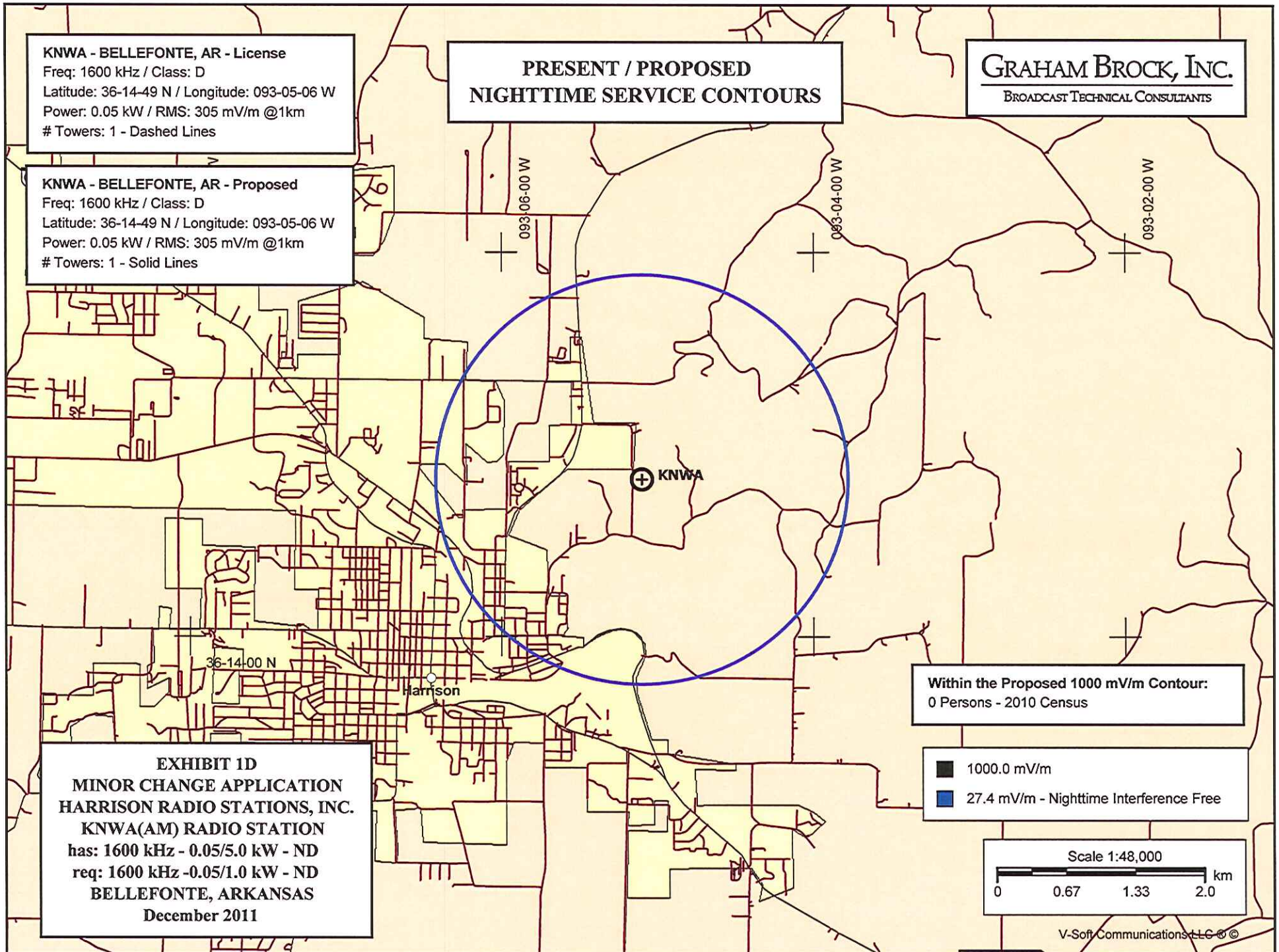
V-Soft Communications LLC ©

KNWA - BELLEFONTE, AR - License
Freq: 1600 kHz / Class: D
Latitude: 36-14-49 N / Longitude: 093-05-06 W
Power: 0.05 kW / RMS: 305 mV/m @1km
Towers: 1 - Dashed Lines

KNWA - BELLEFONTE, AR - Proposed
Freq: 1600 kHz / Class: D
Latitude: 36-14-49 N / Longitude: 093-05-06 W
Power: 0.05 kW / RMS: 305 mV/m @1km
Towers: 1 - Solid Lines

PRESENT / PROPOSED NIGHTTIME SERVICE CONTOURS

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS



MINOR CHANGE APPLICATION
HARRISON RADIO STATIONS, INC.
KNWA(AM) RADIO STATION
has: 1600 kHz - 0.05/5.0 kW - ND
req: 1600 kHz - 0.05/1.0 kW - ND
BELLEFONTE, ARKANSAS
December 2011

EXHIBIT #1E

Present Daytime Service Contour Tabulation

North Latitude: 36° 14' 49"
West Longitude: 93° 05' 06"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
0.0	682.00	0.62	24.22	36.01	64.76
5.0	682.00	0.62	24.22	36.01	64.76
10.0	682.00	0.62	24.22	36.01	64.76
15.0	682.00	0.62	24.22	36.01	64.76
20.0	682.00	0.62	24.22	36.01	64.76
25.0	682.00	0.62	24.22	36.01	64.76
30.0	682.00	0.62	24.22	36.01	64.76
35.0	682.00	0.62	24.22	36.01	64.76
40.0	682.00	0.62	24.22	36.01	64.76
45.0	682.00	0.62	24.22	36.01	64.76
50.0	682.00	0.62	24.22	36.01	64.76
55.0	682.00	0.62	24.22	36.01	64.76
60.0	682.00	0.62	24.22	36.01	64.76
65.0	682.00	0.62	24.22	36.01	64.76
70.0	682.00	0.62	24.22	36.01	64.76
75.0	682.00	0.62	24.22	36.01	64.76
80.0	682.00	0.62	24.22	36.01	64.76
85.0	682.00	0.62	24.22	36.01	64.76
90.0	682.00	0.62	24.22	36.01	64.76
95.0	682.00	0.62	24.22	36.01	64.76
100.0	682.00	0.62	24.22	36.01	64.76
105.0	682.00	0.62	24.22	36.01	64.76
110.0	682.00	0.62	24.22	36.01	64.76
115.0	682.00	0.62	24.22	36.01	64.76
120.0	682.00	0.62	24.22	36.01	64.76
125.0	682.00	0.62	24.22	36.01	64.76
130.0	682.00	0.62	24.22	36.01	64.76
135.0	682.00	0.62	24.22	36.01	64.76
140.0	682.00	0.62	24.22	36.01	64.76
145.0	682.00	0.62	24.22	36.01	64.76
150.0	682.00	0.62	24.22	36.01	64.76
155.0	682.00	0.62	24.22	36.01	64.76
160.0	682.00	0.62	24.22	36.01	64.76
165.0	682.00	0.62	24.22	36.01	64.76
170.0	682.00	0.62	24.22	36.01	64.76
175.0	682.00	0.62	24.22	36.01	64.76

Ground Conductivity - FCC M-3

MINOR CHANGE APPLICATION
HARRISON RADIO STATIONS, INC.
KNWA(AM) RADIO STATION
has: 1600 kHz - 0.05/5.0 kW - ND
req: 1600 kHz - 0.05/1.0 kW - ND
BELLEFONTE, ARKANSAS
December 2011

EXHIBIT #1E (continued)

Present Daytime Service Contour Tabulation

North Latitude: 36° 14' 49"
West Longitude: 93° 05' 06"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
180.0	682.00	0.62	24.22	36.01	64.76
185.0	682.00	0.62	24.22	36.01	64.76
190.0	682.00	0.62	24.22	36.01	64.76
195.0	682.00	0.62	24.22	36.01	64.76
200.0	682.00	0.62	24.22	36.01	64.76
205.0	682.00	0.62	24.22	36.01	64.76
210.0	682.00	0.62	24.22	36.01	64.76
215.0	682.00	0.62	24.22	36.01	64.76
220.0	682.00	0.62	24.22	36.01	64.76
225.0	682.00	0.62	24.22	36.01	64.76
230.0	682.00	0.62	24.22	36.01	64.76
235.0	682.00	0.62	24.22	36.01	64.76
240.0	682.00	0.62	24.22	36.01	64.76
245.0	682.00	0.62	24.22	36.01	64.76
250.0	682.00	0.62	24.22	36.01	64.76
255.0	682.00	0.62	24.22	36.01	64.76
260.0	682.00	0.62	24.22	36.01	64.76
265.0	682.00	0.62	24.22	36.01	64.76
270.0	682.00	0.62	24.22	36.01	64.76
275.0	682.00	0.62	24.22	36.01	64.76
280.0	682.00	0.62	24.22	36.01	64.76
285.0	682.00	0.62	24.22	36.01	64.76
290.0	682.00	0.62	24.22	36.01	64.76
295.0	682.00	0.62	24.22	36.01	64.76
300.0	682.00	0.62	24.22	36.01	64.76
305.0	682.00	0.62	24.22	36.01	64.76
310.0	682.00	0.62	24.22	36.01	64.76
315.0	682.00	0.62	24.22	36.01	64.76
320.0	682.00	0.62	24.22	36.01	64.76
325.0	682.00	0.62	24.22	36.01	64.76
330.0	682.00	0.62	24.22	36.01	64.76
335.0	682.00	0.62	24.22	36.01	64.76
340.0	682.00	0.62	24.22	36.01	64.76
345.0	682.00	0.62	24.22	36.01	64.76
350.0	682.00	0.62	24.22	36.01	64.76
355.0	682.00	0.62	24.22	36.01	64.76

Ground Conductivity - FCC M-3

MINOR CHANGE APPLICATION
HARRISON RADIO STATIONS, INC.
KNWA(AM) RADIO STATION
has: 1600 kHz - 0.05/5.0 kW - ND
req: 1600 kHz - 0.05/1.0 kW - ND
BELLEFONTE, ARKANSAS
December 2011

EXHIBIT #1F

Proposed Daytime Service Contour Tabulation

North Latitude: 36° 14' 49"
West Longitude: 93° 05' 06"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
0.0	305.00	0.29	16.60	25.45	46.04
5.0	305.00	0.29	16.60	25.45	46.04
10.0	305.00	0.29	16.60	25.45	46.04
15.0	305.00	0.29	16.60	25.45	46.04
20.0	305.00	0.29	16.60	25.45	46.04
25.0	305.00	0.29	16.60	25.45	46.04
30.0	305.00	0.29	16.60	25.45	46.04
35.0	305.00	0.29	16.60	25.45	46.04
40.0	305.00	0.29	16.60	25.45	46.04
45.0	305.00	0.29	16.60	25.45	46.04
50.0	305.00	0.29	16.60	25.45	46.04
55.0	305.00	0.29	16.60	25.45	46.04
60.0	305.00	0.29	16.60	25.45	46.04
65.0	305.00	0.29	16.60	25.45	46.04
70.0	305.00	0.29	16.60	25.45	46.04
75.0	305.00	0.29	16.60	25.45	46.04
80.0	305.00	0.29	16.60	25.45	46.04
85.0	305.00	0.29	16.60	25.45	46.04
90.0	305.00	0.29	16.60	25.45	46.04
95.0	305.00	0.29	16.60	25.45	46.04
100.0	305.00	0.29	16.60	25.45	46.04
105.0	305.00	0.29	16.60	25.45	46.04
110.0	305.00	0.29	16.60	25.45	46.04
115.0	305.00	0.29	16.60	25.45	46.04
120.0	305.00	0.29	16.60	25.45	46.04
125.0	305.00	0.29	16.60	25.45	46.04
130.0	305.00	0.29	16.60	25.45	46.04
135.0	305.00	0.29	16.60	25.45	46.04
140.0	305.00	0.29	16.60	25.45	46.04
145.0	305.00	0.29	16.60	25.45	46.04
150.0	305.00	0.29	16.60	25.45	46.04
155.0	305.00	0.29	16.60	25.45	46.04
160.0	305.00	0.29	16.60	25.45	46.04
165.0	305.00	0.29	16.60	25.45	46.04
170.0	305.00	0.29	16.60	25.45	46.04
175.0	305.00	0.29	16.60	25.45	46.04

Ground Conductivity - FCC M-3

MINOR CHANGE APPLICATION
HARRISON RADIO STATIONS, INC.
KNWA(AM) RADIO STATION
has: 1600 kHz - 0.05/5.0 kW - ND
req: 1600 kHz - 0.05/1.0 kW - ND
BELLEFONTE, ARKANSAS
December 2011

EXHIBIT #1F (continued)

Proposed Daytime Service Contour Tabulation

North Latitude: 36° 14' 49"
West Longitude: 93° 05' 06"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :			
		Contour levels in mV/m.			
		1000.000	5.000	2.000	.500
180.0	305.00	0.29	16.60	25.45	46.04
185.0	305.00	0.29	16.60	25.45	46.04
190.0	305.00	0.29	16.60	25.45	46.04
195.0	305.00	0.29	16.60	25.45	46.04
200.0	305.00	0.29	16.60	25.45	46.04
205.0	305.00	0.29	16.60	25.45	46.04
210.0	305.00	0.29	16.60	25.45	46.04
215.0	305.00	0.29	16.60	25.45	46.04
220.0	305.00	0.29	16.60	25.45	46.04
225.0	305.00	0.29	16.60	25.45	46.04
230.0	305.00	0.29	16.60	25.45	46.04
235.0	305.00	0.29	16.60	25.45	46.04
240.0	305.00	0.29	16.60	25.45	46.04
245.0	305.00	0.29	16.60	25.45	46.04
250.0	305.00	0.29	16.60	25.45	46.04
255.0	305.00	0.29	16.60	25.45	46.04
260.0	305.00	0.29	16.60	25.45	46.04
265.0	305.00	0.29	16.60	25.45	46.04
270.0	305.00	0.29	16.60	25.45	46.04
275.0	305.00	0.29	16.60	25.45	46.04
280.0	305.00	0.29	16.60	25.45	46.04
285.0	305.00	0.29	16.60	25.45	46.04
290.0	305.00	0.29	16.60	25.45	46.04
295.0	305.00	0.29	16.60	25.45	46.04
300.0	305.00	0.29	16.60	25.45	46.04
305.0	305.00	0.29	16.60	25.45	46.04
310.0	305.00	0.29	16.60	25.45	46.04
315.0	305.00	0.29	16.60	25.45	46.04
320.0	305.00	0.29	16.60	25.45	46.04
325.0	305.00	0.29	16.60	25.45	46.04
330.0	305.00	0.29	16.60	25.45	46.04
335.0	305.00	0.29	16.60	25.45	46.04
340.0	305.00	0.29	16.60	25.45	46.04
345.0	305.00	0.29	16.60	25.45	46.04
350.0	305.00	0.29	16.60	25.45	46.04
355.0	305.00	0.29	16.60	25.45	46.04

Ground Conductivity - FCC M-3

MINOR CHANGE APPLICATION
HARRISON RADIO STATIONS, INC.
KNWA(AM) RADIO STATION
has: 1600 kHz - 0.05/5.0 kW - ND
req: 1600 kHz - 0.05/1.0 kW - ND
BELLEFONTE, ARKANSAS
December 2011

EXHIBIT #1G

Present/Proposed Nighttime Service Contour Tabulation

North Latitude: 36° 14' 49"
West Longitude: 93° 05' 06"

Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:		Azimuth	Radiation (mV/m at one km)	Dist to Contours - km:	
		1000.000	* 27.412			1000.000	* 27.412
0.0	68.20	0.10	1.98	180.0	68.20	0.10	1.98
5.0	68.20	0.10	1.98	185.0	68.20	0.10	1.98
10.0	68.20	0.10	1.98	190.0	68.20	0.10	1.98
15.0	68.20	0.10	1.98	195.0	68.20	0.10	1.98
20.0	68.20	0.10	1.98	200.0	68.20	0.10	1.98
25.0	68.20	0.10	1.98	205.0	68.20	0.10	1.98
30.0	68.20	0.10	1.98	210.0	68.20	0.10	1.98
35.0	68.20	0.10	1.98	215.0	68.20	0.10	1.98
40.0	68.20	0.10	1.98	220.0	68.20	0.10	1.98
45.0	68.20	0.10	1.98	225.0	68.20	0.10	1.98
50.0	68.20	0.10	1.98	230.0	68.20	0.10	1.98
55.0	68.20	0.10	1.98	235.0	68.20	0.10	1.98
60.0	68.20	0.10	1.98	240.0	68.20	0.10	1.98
65.0	68.20	0.10	1.98	245.0	68.20	0.10	1.98
70.0	68.20	0.10	1.98	250.0	68.20	0.10	1.98
75.0	68.20	0.10	1.98	255.0	68.20	0.10	1.98
80.0	68.20	0.10	1.98	260.0	68.20	0.10	1.98
85.0	68.20	0.10	1.98	265.0	68.20	0.10	1.98
90.0	68.20	0.10	1.98	270.0	68.20	0.10	1.98
95.0	68.20	0.10	1.98	275.0	68.20	0.10	1.98
100.0	68.20	0.10	1.98	280.0	68.20	0.10	1.98
105.0	68.20	0.10	1.98	285.0	68.20	0.10	1.98
110.0	68.20	0.10	1.98	290.0	68.20	0.10	1.98
115.0	68.20	0.10	1.98	295.0	68.20	0.10	1.98
120.0	68.20	0.10	1.98	300.0	68.20	0.10	1.98
125.0	68.20	0.10	1.98	305.0	68.20	0.10	1.98
130.0	68.20	0.10	1.98	310.0	68.20	0.10	1.98
135.0	68.20	0.10	1.98	315.0	68.20	0.10	1.98
140.0	68.20	0.10	1.98	320.0	68.20	0.10	1.98
145.0	68.20	0.10	1.98	325.0	68.20	0.10	1.98
150.0	68.20	0.10	1.98	330.0	68.20	0.10	1.98
155.0	68.20	0.10	1.98	335.0	68.20	0.10	1.98
160.0	68.20	0.10	1.98	340.0	68.20	0.10	1.98
165.0	68.20	0.10	1.98	345.0	68.20	0.10	1.98
170.0	68.20	0.10	1.98	350.0	68.20	0.10	1.98
175.0	68.20	0.10	1.98	355.0	68.20	0.10	1.98

* - Nighttime Interference Free Contour

Ground Conductivity - FCC M-3

MINOR CHANGE APPLICATION
HARRISON RADIO STATIONS, INC.
KNWA(AM) RADIO STATION
has: 1600 kHz - 0.05/5.0 kW - ND
req: 1600 kHz - 0.05/1.0 kW - ND
BELLEFONTE, ARKANSAS
December 2011

EXHIBIT #1H

Facilities Close to KNWA

ID Stations Study at 36 14 49 N, 93 05 06 W, Search Distance = 16 km

Call	Service	City	State	Chan.	Power	Coordinates	Dist-km	Azimuth	File Number
AM -----									
KNWA	D	BELLEFONTE	AR	1600	0005.000kW	361449N 930506W	000.0	000.0	BL19860923AB
KHOZ	D	HARRISON	AR	900	0001.000kW	361435N 930643W	002.5	259.9	BL
FM -----									
633249	X	Harrison	AR	256D	0000.034kW	361434N 931315W	012.2	267.9	BNPFT20030310APZ
633807	X	Harrison	AR	256D	0000.023kW	361040N 931240W	013.7	235.8	BNPFT20030311AKZ
KCWD	M	Harrison	AR	241C2	0008.000kW	360641N 930200W	015.7	162.9	BLH19910116KA
TV -----									
KTKO-L	G	Harrison	AR	08 T	0000.300kW	361129N 931155W	011.9	238.8	BDFCDVL20090805A
KTKO-L	X	Harrison	AR	08+T	0003.000kW	361129N 931155W	011.9	238.8	BLTVL20090729ABO
K23DU	X	Harrison	AR	21NT	0000.050kW	361435N 931314W	012.2	268.0	BMPTTL20091204AE
K23DU	G	Harrison	AR	21 T	0005.000kW	361435N 931314W	012.2	268.0	BDFCDTL20091204A
K23DU	X	Harrison	AR	23NT	0015.000kW	361434N 931315W	012.2	267.9	BLTTL19941107JE
K26GS-	G	Harrison	AR	26 D	0011.200kW	360641N 930156W	015.8	162.5	BLDTL20100517AFK
K26GS-	X	Mountain Home	AR	26+D	0063.400kW	360641N 930156W	015.8	162.5	BSTA20070412ADA