MINOR CHANGE APPLICATION
HARRISON RADIO STATIONS, INC.
KCWD RADIO STATION
CH 241C2 - 96.1 MHZ - 50.0 KW (DA)
HARRISON, ARKANSAS
December 2011

EXHIBIT A

The proposed KCWD antenna location will be shortspaced to one authorized facility, KITO-FM, Channel 241C2, Vinita, Oklahoma. The detailed spacing information is shown on Exhibit A1. HRS proposes to use the provisions of §73.215 of the Commission's rules to address this shortspaced situation. The shortage to this facility complies with §73.215(e) of the rules. Compliance with §73.215 is based on the use of a directional antenna system.

Exhibit A2 specifically demonstrates that there will be no prohibited overlap between the proposed KCWD and the authorized KITO-FM. The contours of KITO-FM are based on its licensed facilities, as KITO-FM is licensed as a maximum Class C2 facility at 50.0 kilowatts at 150 meters HAAT. Attached as Exhibits A3 through A4 are the tabulated distances to the protected and interfering contours, along the pertinent arcs, of the proposed KCWD and the authorized KITO-FM. Further, attached as Exhibit A5 are the tabulated and protected contours of the proposed facility in ten degree increments. Again, there is no prohibited overlap between the facilities.

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EXHIBIT A1

Clearance Study for KCWD Harrison, Arkansas
Using Proposed Site as Reference

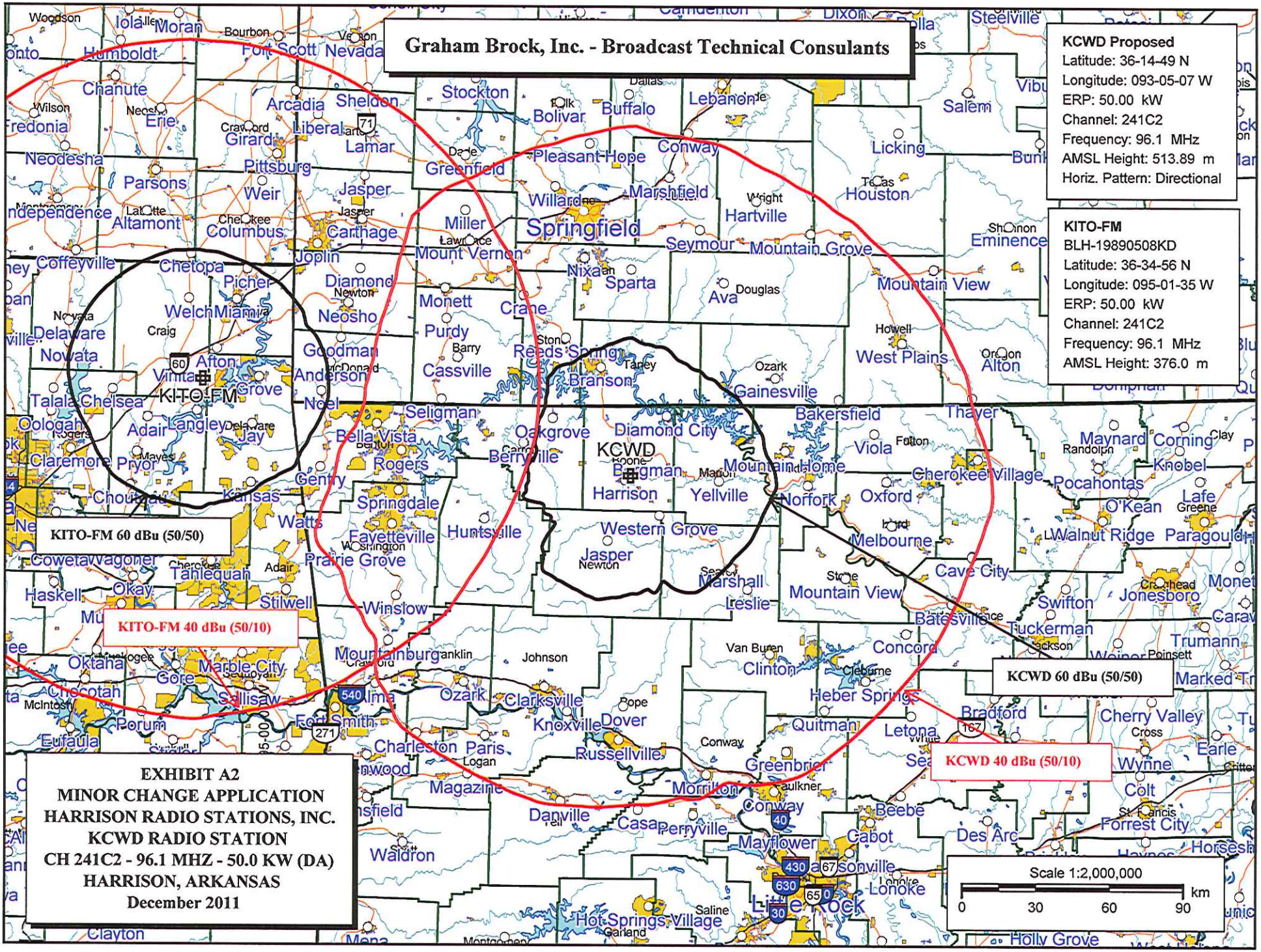
REFERENCE
36 14 49.0 N.
93 05 07.0 W.

CLASS = C2
Current Spacings to 3rd Adj.
Channel 241 - 96.1 MHz

DISPLAY DATES
DATA 12-07-11
SEARCH 12-07-11

	Call	Channel	Location		Azi	Dist	FCC	Margin
	Lat.	Lng.	Ant	Power	HAAT			
	KCWD	**LIC-N 241C2**	**Harrison**	**AR**	**162.8**	**15.8**	**190.0**	**-174.3**
	36 06 41.0	**93 02 00.0**	**NCN**	**8.000 kW**	**363 M**			
	Harrison Radio Stations, Inc		**BLH-19910116KA**					
*	*KITO-FM*	*LIC 241C2*	*Vinita*	*OK*	*282.7*	*178.0*	*190.0*	*-12.0*
	36 34 56.0	*95 01 35.0*	*CN*	*50.000 kW*		*150 M*		
	KXOJ, Inc.			*BLH-19890508KD*				
	KKBL	LIC-N 240A	Monett	MO	315.9	107.3	106.0	1.3
	36 56 15.0	93 55 30.0	NCN	6.000 kW		82 M		
	Eagle Broadcasting, Inc.			BLH-19901026KE				
	KTRI-FM	LIC-Z 240C3	Mansfield	MO	19.8	122.7	117.0	5.7
	37 17 10.0	92 36 55.0	ZC	8.900 kW		165 M		
	Thirteen Forty Productions			BLH-20070509ACG				
	KLRQ	LIC 241C0	Clinton	MO	351.6	250.0	239.0	11.0
	38 28 27.0	93 30 28.0	CN	100.000 kW		301 M		
	Educational Media Foundation			BMLED-20030926AQB				
	KSPW	LIC 243C2	Sparta	MO	347.0	80.6	58.0	22.6
	36 57 16.0	93 17 22.0	CN	50.000 kW		150 M		
	Journal Broadcast Corporation			BLH-19930208KE				
	KTTG	LIC 242C1	Mena	AR	204.4	189.5	158.0	31.5
	34 41 24.0	93 56 35.0	CN	47.000 kW		401 M		
	Pearson Broadcasting Of Mena			BLH-19941216KA				
	KDYN-FM	CP -N 244C2	Ozark	AR	233.1	98.2	58.0	40.2
	35 42 50.7	93 57 14.3	NCX	5.500 kW		299 M		
	Ozark Communications, Inc.			BPH-20110725AGP				
	KDUA-LP	LIC 243L1	Rogers	AR	275.9	94.8	53.0	41.8
	36 19 49.0	94 08 06.0		0.043 kW		45 M		
	St. Anthony Of Padua Educ.			BLL-20050713ACQ				
	KKBD	LIC 240C2	Sallisaw	OK	237.6	172.4	130.0	42.4
	35 24 26.0	94 41 25.0	CN	30.000 kW		190 M		
	Capstar TX LLC			BLH-19930326KB				

* *Note: This shortage is addressed under §73.215 of the rules, see Exhibit A.*


Graham Brock, Inc. - Broadcast Technical Consulants
KCWD Proposed
Latitude: 36-14-49 N
Longitude: 093-05-07 W
ERP: 50.00 kW
Channel: 241C2
Frequency: 96.1 MHz
AMSL Height: 513.89 m
Horiz. Pattern: Directional
KITO-FM
BLH-19890508KD
Latitude: 36-34-56 N
Longitude: 095-01-35 W
ERP: 50.00 kW
Channel: 241C2
Frequency: 96.1 MHz
AMSL Height: 376.0 m
KITO-FM
KCWD
KITO-FM 60 dBu (50/50)
KITO-FM 40 dBu (50/10)
KCWD 60 dBu (50/50)
KCWD 40 dBu (50/10)
EXHIBIT A2
MINOR CHANGE APPLICATION
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HARRISON, ARKANSAS
December 2011
Scale 1:2,000,000
km
0
30
60
90

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KCWD RADIO STATION
CH 241C2 - 96.1 MHZ - 50.0 KW (DA)
HARRISON, ARKANSAS
December 2011

EXHIBIT A3

KCWD - Proposed
Channel = 241C2
Max ERP = 50 kW
RCAMSL = 513.89 M
N. Lat = 36 14 49
W. Lng = 93 05 07

KITO-FM - BLH-19890508KD
Channel = 241C2
Max ERP = 50 kW
RCAMSL = 376 M
N. Lat = 36 34 56
W. Lng = 95 01 35

Protected
60 dBu

Interfering
40 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
270.0	032.0000	0101.1	041.2	105.3	050.0000	0139.3	138.0	39.7
271.0	031.0472	0103.0	041.3	105.0	050.0000	0139.3	137.7	39.7
272.0	030.1088	0105.9	041.5	104.7	050.0000	0139.3	137.3	39.8
273.0	029.1848	0108.3	041.7	104.4	050.0000	0140.2	137.0	39.9
274.0	028.2752	0110.8	041.8	104.1	050.0000	0140.2	136.8	39.9
275.0	027.3800	0112.9	041.8	103.8	050.0000	0140.2	136.6	40.0
276.0	026.4992	0112.9	041.5	103.5	050.0000	0140.2	136.8	39.9
277.0	025.6328	0111.7	041.1	103.2	050.0000	0141.2	137.1	39.9
278.0	024.7808	0110.8	040.7	102.9	050.0000	0141.2	137.4	39.8
279.0	023.9432	0109.4	040.2	102.6	050.0000	0141.2	137.8	39.7
280.0	023.1200	0108.1	039.7	102.3	050.0000	0142.1	138.3	39.7
281.0	022.8488	0107.2	039.5	102.0	050.0000	0142.1	138.5	39.6
282.0	022.5792	0106.7	039.3	101.7	050.0000	0142.1	138.6	39.6
283.0	022.3112	0106.6	039.2	101.4	050.0000	0143.0	138.7	39.6
284.0	022.0448	0107.0	039.2	101.1	050.0000	0143.0	138.8	39.6
285.0	021.7800	0108.3	039.3	100.8	050.0000	0143.0	138.7	39.6
286.0	021.5168	0111.3	039.6	100.5	050.0000	0143.0	138.4	39.7
287.0	021.2552	0115.6	040.1	100.2	050.0000	0144.3	138.0	39.8
288.0	020.9952	0120.0	040.6	099.9	050.0000	0144.3	137.6	39.9
289.0	020.7368	0123.6	041.0	099.6	050.0000	0144.3	137.3	39.9
290.0	020.4800	0125.1	041.0	099.3	050.0000	0145.1	137.4	39.9
291.0	020.7368	0125.1	041.1	099.0	050.0000	0145.1	137.4	39.9
292.0	020.9952	0124.7	041.2	098.7	050.0000	0145.1	137.5	39.9
293.0	021.2552	0124.3	041.2	098.4	050.0000	0145.7	137.6	39.9
294.0	021.5168	0124.8	041.4	098.1	050.0000	0145.7	137.6	39.9
295.0	021.7800	0125.7	041.6	097.8	050.0000	0145.7	137.6	39.9
296.0	022.0448	0127.2	041.9	097.5	050.0000	0145.9	137.5	39.9
297.0	022.3112	0129.1	042.3	097.1	050.0000	0145.9	137.4	39.9
298.0	022.5792	0131.1	042.6	096.8	050.0000	0145.9	137.4	40.0
299.0	022.8488	0132.8	042.9	096.4	050.0000	0145.4	137.3	40.0
300.0	023.1200	0133.6	043.1	096.1	050.0000	0145.4	137.4	39.9
301.0	023.9432	0133.1	043.4	095.8	050.0000	0145.4	137.5	39.9
302.0	024.7808	0131.6	043.5	095.5	050.0000	0144.9	137.7	39.9
303.0	025.6328	0129.5	043.5	095.2	050.0000	0144.9	138.1	39.8
304.0	026.4992	0127.5	043.5	094.9	050.0000	0144.9	138.4	39.7
305.0	027.3800	0126.3	043.6	094.6	050.0000	0144.9	138.7	39.7
306.0	028.2752	0125.9	043.8	094.3	050.0000	0144.6	138.9	39.6
307.0	029.1848	0125.7	044.1	094.0	050.0000	0144.6	139.1	39.6

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EXHIBIT A4

KITO-FM - BLH-19890508KD
Channel = 241C2
Max ERP = 50 kW
RCAMSL = 376 M
N. Lat = 36 34 56
W. Lng = 95 01 35

KCWD - Proposed
Channel = 241C2
Max ERP = 50 kW
RCAMSL = 513.89 M
N. Lat = 36 14 49
W. Lng = 93 05 07

Protected
60 dBu

Interfering
40 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
090.0	050.0000	0143.0	051.3	287.3	021.1707	0115.6	128.4	37.2
091.0	050.0000	0143.5	051.3	286.9	021.2694	0115.6	128.1	37.2
092.0	050.0000	0143.9	051.4	286.6	021.3697	0115.6	127.8	37.3
093.0	050.0000	0144.4	051.4	286.2	021.4713	0111.3	127.5	37.2
094.0	050.0000	0144.6	051.5	285.8	021.5748	0111.3	127.3	37.3
095.0	050.0000	0144.9	051.5	285.4	021.6793	0108.3	127.1	37.3
096.0	050.0000	0145.4	051.6	285.0	021.7842	0108.3	126.9	37.3
097.0	050.0000	0145.9	051.6	284.6	021.8903	0108.3	126.7	37.4
098.0	050.0000	0145.7	051.6	284.2	021.9986	0107.0	126.7	37.4
099.0	050.0000	0145.1	051.5	283.8	022.1077	0107.0	126.7	37.4
100.0	050.0000	0144.3	051.4	283.4	022.2169	0106.6	126.7	37.4
101.0	050.0000	0143.0	051.3	282.9	022.3261	0106.6	126.9	37.4
102.0	050.0000	0142.1	051.1	282.5	022.4346	0106.6	127.0	37.4
103.0	050.0000	0141.2	051.0	282.1	022.5426	0106.7	127.1	37.4
104.0	050.0000	0140.2	050.9	281.7	022.6499	0106.7	127.3	37.4
105.0	050.0000	0139.3	050.7	281.3	022.7566	0107.2	127.5	37.4
106.0	050.0000	0138.5	050.6	280.9	022.8626	0107.2	127.7	37.4
107.0	050.0000	0137.8	050.5	280.6	022.9682	0107.2	127.9	37.3
108.0	050.0000	0137.4	050.5	280.2	023.0736	0108.1	128.1	37.4
109.0	050.0000	0136.4	050.3	279.8	023.2911	0108.1	128.4	37.3
110.0	050.0000	0135.7	050.2	279.4	023.6008	0109.4	128.6	37.4
111.0	050.0000	0135.1	050.1	279.0	023.9109	0109.4	128.9	37.4
112.0	050.0000	0134.5	050.1	278.7	024.2195	0109.4	129.2	37.4
113.0	050.0000	0133.9	050.0	278.3	024.5251	0110.8	129.5	37.4
114.0	050.0000	0132.6	049.8	278.0	024.8188	0110.8	129.9	37.4
115.0	050.0000	0131.3	049.6	277.6	025.1087	0110.8	130.4	37.4
116.0	050.0000	0130.6	049.5	277.3	025.4033	0111.7	130.8	37.4
117.0	050.0000	0130.4	049.5	276.9	025.7051	0111.7	131.1	37.4
118.0	050.0000	0131.0	049.6	276.5	026.0221	0111.7	131.3	37.4
119.0	050.0000	0132.2	049.7	276.2	026.3496	0112.9	131.5	37.4
120.0	050.0000	0133.1	049.9	275.8	026.6737	0112.9	131.7	37.4
121.0	050.0000	0133.6	049.9	275.4	026.9857	0112.9	132.1	37.4
122.0	050.0000	0133.5	049.9	275.1	027.2819	0112.9	132.5	37.4
123.0	050.0000	0133.1	049.9	274.8	027.5648	0112.9	132.9	37.3
124.0	050.0000	0132.7	049.8	274.5	027.8450	0110.8	133.4	37.2
125.0	050.0000	0132.9	049.8	274.2	028.1398	0110.8	133.8	37.2
126.0	050.0000	0134.1	050.0	273.8	028.4598	0110.8	134.2	37.2

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EXHIBIT A5

Predicted contour:

N. Lat. = 36 14 49 - Tabulated Protected and Interfering Contour Data
W. Lng. = 93 05 07 - KCWD Radio Station - Harrison, Arkansas

HAAT and Distance to Contour - FCC Method - NGDC 30 Second terrain database

Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	183.8	50.0000	16.99	1.000	55.94	142.23	82.77	6.57
010	161.7	50.0000	16.99	1.000	53.66	139.29	79.79	6.19
020	147.7	50.0000	16.99	1.000	51.89	137.40	77.77	5.92
030	135.9	50.0000	16.99	1.000	50.26	135.79	75.94	5.68
040	144.1	50.0000	16.99	1.000	51.40	136.91	77.22	5.85
050	153.7	50.0000	16.99	1.000	52.68	138.22	78.66	6.04
060	167.7	50.0000	16.99	1.000	54.35	140.10	80.63	6.30
070	177.1	50.0000	16.99	1.000	55.32	141.35	81.89	6.46
080	180.7	50.0000	16.99	1.000	55.67	141.83	82.37	6.52
090	217.5	50.0000	16.99	1.000	58.88	146.54	86.92	7.12
100	203.7	50.0000	16.99	1.000	57.68	144.79	85.26	6.89
110	183.9	50.0000	16.99	1.000	55.94	142.24	82.77	6.57
120	177.5	50.0000	16.99	1.000	55.36	141.40	81.94	6.47
130	163.9	50.0000	16.99	1.000	53.93	139.60	80.11	6.23
140	165.5	50.0000	16.99	1.000	54.11	139.81	80.33	6.26
150	168.9	50.0000	16.99	1.000	54.48	140.26	80.79	6.32
160	118.4	50.0000	16.99	1.000	47.74	133.38	73.07	5.34
170	116.8	50.0000	16.99	1.000	47.51	133.16	72.80	5.30
180	121.6	50.0000	16.99	1.000	48.21	133.82	73.61	5.40
190	138.7	50.0000	16.99	1.000	50.65	136.17	76.38	5.74
200	147.3	50.0000	16.99	1.000	51.83	137.34	77.70	5.91
210	143.0	50.0000	16.99	1.000	51.25	136.76	77.05	5.83
220	149.4	50.0000	16.99	1.000	52.11	137.63	78.02	5.95
230	110.2	50.0000	16.99	1.000	46.47	132.19	71.65	5.15
240	61.3	50.0000	16.99	1.000	36.81	123.25	60.81	3.84
250	62.9	50.0000	16.99	1.000	37.19	123.59	61.26	3.88
260	94.4	50.0000	16.99	1.000	43.76	129.65	68.67	4.75
270	101.1	32.0000	15.05	0.800	41.25	119.94	63.58	4.37
280	108.1	23.1200	13.64	0.680	39.73	113.20	60.66	4.14
290	125.1	20.4800	13.11	0.640	41.04	113.26	61.95	4.27
300	133.6	23.1200	13.64	0.680	43.14	117.57	64.90	4.55
310	126.0	32.0000	15.05	0.800	44.89	124.19	68.05	4.86
320	147.7	50.0000	16.99	1.000	51.90	137.41	77.77	5.92
330	149.5	50.0000	16.99	1.000	52.13	137.65	78.04	5.95
340	150.6	50.0000	16.99	1.000	52.27	137.79	78.19	5.97
350	162.4	50.0000	16.99	1.000	53.76	139.40	79.90	6.20

AMSL= 513.89 M