

**Exhibit 16.1****Tabulation of Proposed Nighttime Allocation**

Call: KTIS.p  
 Freq: 900 kHz  
 MINNEAPOLIS, MN, US  
 Lat: 44-59-24 N  
 Lng: 092-58-52 W  
 Power: 0.5 kW  
 Theo RMS: 221.02 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.551	-112.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	180.0	35.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.457	5.2	90.0	125.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.229	171.6	180.0	35.0	90.0	1	0	0.0	0.0	0.0	0.0

Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
WLS.L (0)	US	IL	CHICAGO	108.22	17.34	27.82	120.48	0.50	207.51G	165.22	42.29
WLS.L (5)	US	IL	CHICAGO	110.73	16.25	26.28	111.11	0.50	225.01G	164.00	61.01
WLS.L (10)	US	IL	CHICAGO	110.10	15.63	25.41	105.58	0.50	236.79G	165.18	71.61
WLS.L (15)	US	IL	CHICAGO	109.69	15.04	24.56	100.33	0.50	249.19G	166.19	83.00
WLS.L (20)	US	IL	CHICAGO	109.48	14.47	23.75	95.38	0.50	262.11G	166.90	95.21
WLS.L (25)	US	IL	CHICAGO	109.44	13.93	22.97	90.77	0.50	275.43G	167.51	107.92
WLS.L (30)	US	IL	CHICAGO	109.57	13.42	22.24	86.49	0.50	289.06G	167.83	121.23
WLS.L (35)	US	IL	CHICAGO	109.83	12.95	21.54	82.54	0.50	302.88G	167.97	134.91
WLS.L (40)	US	IL	CHICAGO	110.23	12.50	20.89	78.92	0.50	316.78G	167.86	148.92
WLS.L (45)	US	IL	CHICAGO	111.29	12.13	20.36	76.09	0.50	328.54G	167.06	161.48
WLS.L (50)	US	IL	CHICAGO	112.46	11.82	19.89	73.72	0.50	339.12G	166.20	172.91
WLS.L (55)	US	IL	CHICAGO	113.71	11.55	19.50	71.76	0.50	348.40G	165.47	182.93
WLS.L (60)	US	IL	CHICAGO	115.07	11.33	19.18	70.25	0.50	355.88G	164.87	191.02
WLS.L (65)	US	IL	CHICAGO	116.29	11.13	18.89	68.86	0.50	363.04G	164.62	198.43
WLS.L (70)	US	IL	CHICAGO	117.53	10.97	18.64	67.75	0.50	368.98G	164.61	204.38
WLS.L (75)	US	IL	CHICAGO	118.91	10.87	18.49	67.16	0.50	372.26G	164.97	207.30
WLS.L (80)	US	IL	CHICAGO	119.37	10.58	18.07	65.01	0.50	384.56G	165.32	219.24
WLS.L (85)	US	IL	CHICAGO	119.84	10.28	17.61	62.75	0.50	398.42G	165.72	232.70
WLS.L (90)	US	IL	CHICAGO	119.44	9.65	16.68	58.02	0.50	430.90G	165.85	265.05
WLS.L (95)	US	IL	CHICAGO	120.60	9.48	16.43	56.95	0.50	439.02G	166.62	272.40
WLS.L (100)	US	IL	CHICAGO	121.83	9.34	16.23	56.13	0.50	445.42G	167.80	277.62
WLS.L (105)	US	IL	CHICAGO	123.09	9.22	16.06	55.45	0.50	450.85G	169.30	281.55
WLS.L (110)	US	IL	CHICAGO	124.36	9.13	15.91	54.91	0.50	455.27G	171.15	284.12
WLS.L (115)	US	IL	CHICAGO	125.65	9.05	15.79	54.51	0.50	458.66G	173.35	285.30
WLS.L (120)	US	IL	CHICAGO	126.94	8.97	15.68	54.13	0.50	461.89G	175.80	286.09
WLS.L (125)	US	IL	CHICAGO	128.24	8.91	15.59	53.88	0.50	464.02G	178.60	285.43
WLS.L (130)	US	IL	CHICAGO	129.57	8.88	15.54	53.80	0.50	464.71G	181.60	283.11
WLS.L (135)	US	IL	CHICAGO	130.90	8.87	15.53	53.87	0.50	464.07G	184.81	279.26
WLS.L (140)	US	IL	CHICAGO	132.24	8.88	15.54	54.11	0.50	462.06G	188.16	273.90
WLS.L (145)	US	IL	CHICAGO	133.54	8.94	15.64	54.69	0.50	457.08G	191.53	265.55
WLS.L (150)	US	IL	CHICAGO	134.86	8.99	15.70	55.15	0.50	453.31G	194.88	258.44
WLS.L (155)	US	IL	CHICAGO	136.16	9.05	15.80	55.73	0.50	448.62G	198.20	250.43
WLS.L (160)	US	IL	CHICAGO	137.45	9.13	15.92	56.43	0.50	443.06G	201.54	241.52
WLS.L (165)	US	IL	CHICAGO	138.73	9.23	16.06	57.25	0.50	436.67G	204.67	232.00
WLS.L (170)	US	IL	CHICAGO	140.00	9.34	16.23	58.20	0.50	429.59G	207.66	221.93
WLS.L (175)	US	IL	CHICAGO	141.26	9.47	16.42	59.24	0.50	422.03G	210.40	211.63
WLS.L (180)	US	IL	CHICAGO	142.53	9.61	16.63	60.37	0.50	414.11G	213.09	201.02
WLS.L (185)	US	IL	CHICAGO	143.85	9.75	16.84	61.53	0.50	406.30G	215.70	190.60
WLS.L (190)	US	IL	CHICAGO	145.34	9.87	17.02	62.57	0.50	399.57G	218.25	181.33
WLS.L (195)	US	IL	CHICAGO	147.20	9.94	17.12	63.22	0.50	395.46G	221.34	174.11
WLS.L (200)	US	IL	CHICAGO	150.92	9.66	16.71	61.48	0.50	406.64G	226.21	180.43
WLS.L (205)	US	IL	CHICAGO	152.22	9.98	17.17	63.89	0.50	391.27G	226.86	164.41
WLS.L (210)	US	IL	CHICAGO	153.45	10.32	17.69	66.58	0.50	375.48G	227.18	148.29
WLS.L (215)	US	IL	CHICAGO	154.61	10.70	18.25	69.57	0.50	359.33G	227.06	132.27
WLS.L (220)	US	IL	CHICAGO	155.69	11.12	18.87	72.90	0.50	342.93G	226.68	116.25
WLS.L (225)	US	IL	CHICAGO	156.67	11.58	19.55	76.60	0.50	326.37G	225.93	100.44
WLS.L (230)	US	IL	CHICAGO	156.81	12.16	20.39	81.22	0.50	307.81G	224.93	82.88
WLS.L (235)	US	IL	CHICAGO	153.77	12.94	21.54	87.48	0.50	285.78G	223.11	62.67

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Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
WLS.L (240)	US	IL	CHICAGO	153.33	13.50	22.35	92.07	0.50	271.53G	221.82	49.71
WLS.L (245)	US	IL	CHICAGO	153.06	14.05	23.15	96.73	0.50	258.45G	220.55	37.91
WLS.L (250)	US	IL	CHICAGO	152.74	14.62	23.97	101.59	0.50	246.09G	219.39	26.70
WLS.L (255)	US	IL	CHICAGO	152.29	15.21	24.82	106.67	0.50	234.36G	217.92	16.44
WLS.L (260)	US	IL	CHICAGO	151.68	15.83	25.69	111.98	0.50	228.79E	216.26	12.53
WLS.L (265)	US	IL	CHICAGO	150.88	16.46	26.58	117.48	0.50	227.06E	214.16	12.90
WLS.L (270)	US	IL	CHICAGO	149.84	17.10	27.48	123.06	0.50	225.39E	211.92	13.48
WLS.L (275)	US	IL	CHICAGO	148.57	17.74	28.37	128.68	0.50	223.38E	209.26	14.12
WLS.L (280)	US	IL	CHICAGO	147.05	18.37	29.24	134.21	0.50	220.55E	205.87	14.68
WLS.L (285)	US	IL	CHICAGO	145.28	18.98	30.07	139.50	0.50	217.27E	202.08	15.19
WLS.L (290)	US	IL	CHICAGO	143.26	19.54	30.83	144.38	0.50	213.33E	197.80	15.52
WLS.L (295)	US	IL	CHICAGO	140.99	20.04	31.50	148.66	0.50	208.17E	192.81	15.37
WLS.L (300)	US	IL	CHICAGO	138.51	20.45	32.06	152.13	0.50	201.93E	187.35	14.57
WLS.L (305)	US	IL	CHICAGO	135.85	20.75	32.46	154.62	0.50	194.17E	181.43	12.74
WLS.L (310)	US	IL	CHICAGO	133.08	20.94	32.70	155.98	0.50	185.82E	175.83	9.99
WLS.L (315)	US	IL	CHICAGO	130.25	20.98	32.76	156.06	0.50	176.14E	170.40	5.74
WLS.L (320)	US	IL	CHICAGO	127.44	20.88	32.63	154.91	0.50	166.00E	165.80	0.20
WLS.L (325)	US	IL	CHICAGO	124.71	20.66	32.34	152.58	0.50	163.85G	162.20	1.64
WLS.L (330)	US	IL	CHICAGO	122.12	20.32	31.88	149.20	0.50	167.56G	159.86	7.70
WLS.L (335)	US	IL	CHICAGO	119.73	19.88	31.29	144.93	0.50	172.50G	158.58	13.93
WLS.L (340)	US	IL	CHICAGO	117.56	19.36	30.59	139.96	0.50	178.63G	158.32	20.31
WLS.L (345)	US	IL	CHICAGO	115.52	18.83	29.86	134.86	0.50	185.37G	158.89	26.48
WLS.L (350)	US	IL	CHICAGO	112.19	18.61	29.57	132.50	0.50	188.68G	160.42	28.26
WLS.L (355)	US	IL	CHICAGO	107.49	18.44	29.34	130.31	0.50	191.85G	164.60	27.25
CKBI/ (0)	CA	SK	PRINCE ALBERT	331.97	2.98	2.98	19.94	0.50	125.35S	42.29	83.06
CKBI/ (5)	CA	SK	PRINCE ALBERT	333.12	3.15	3.15	21.08	0.50	118.59S	52.15	66.44
CKBI/ (10)	CA	SK	PRINCE ALBERT	334.20	3.34	3.34	22.41	0.50	111.55S	61.55	50.00
CKBI/ (15)	CA	SK	PRINCE ALBERT	335.20	3.55	3.55	23.96	0.50	112.85E	69.98	42.87
CKBI/ (20)	CA	SK	PRINCE ALBERT	336.13	3.78	3.78	25.56	0.50	115.12E	77.74	37.38
CKBI/ (25)	CA	SK	PRINCE ALBERT	336.95	4.03	4.03	27.37	0.50	117.25E	84.38	32.87
CKBI/ (30)	CA	SK	PRINCE ALBERT	337.63	4.31	4.31	29.40	0.50	119.05E	89.68	29.38
CKBI/ (35)	CA	SK	PRINCE ALBERT	338.17	4.60	4.60	31.66	0.50	120.48E	93.72	26.76
CKBI/ (40)	CA	SK	PRINCE ALBERT	338.52	4.91	4.91	34.15	0.50	121.36E	96.17	25.18
CKBI/ (45)	CA	SK	PRINCE ALBERT	338.64	5.25	5.25	36.81	0.50	121.54E	96.81	24.73
CKBI/ (50)	CA	SK	PRINCE ALBERT	338.48	5.59	5.59	39.63	0.50	120.83E	95.20	25.64
CKBI/ (55)	CA	SK	PRINCE ALBERT	337.97	5.94	5.94	42.53	0.50	119.10E	90.77	28.33
CKBI/ (60)	CA	SK	PRINCE ALBERT	337.04	6.28	6.28	45.28	0.50	116.21E	82.86	33.35
CKBI/ (65)	CA	SK	PRINCE ALBERT	335.58	6.58	6.58	47.73	0.50	112.25E	70.49	41.76
CKBI/ (70)	CA	SK	PRINCE ALBERT	333.41	6.81	6.81	49.55	0.50	107.65E	51.89	55.76
CKBI/ (75)	CA	SK	PRINCE ALBERT	327.66	6.61	6.61	47.92	0.50	105.75E	19.37	86.38
CKBI/ (80)	CA	SK	PRINCE ALBERT	327.26	6.79	6.79	49.39	0.50	106.21E	21.30	84.91
CKBI/ (85)	CA	SK	PRINCE ALBERT	326.65	6.95	6.95	50.78	0.50	107.14E	25.21	81.93
CKBI/ (90)	CA	SK	PRINCE ALBERT	325.84	7.07	7.07	51.91	0.50	108.70E	31.82	76.88
CKBI/ (95)	CA	SK	PRINCE ALBERT	324.95	7.18	7.18	52.84	0.50	110.86E	39.90	70.96
CKBI/ (100)	CA	SK	PRINCE ALBERT	324.03	7.25	7.25	53.55	0.50	113.59E	48.97	64.62
CKBI/ (105)	CA	SK	PRINCE ALBERT	323.06	7.30	7.30	54.00	0.50	116.91E	58.70	58.22
CKBI/ (110)	CA	SK	PRINCE ALBERT	322.09	7.32	7.32	54.16	0.50	120.74E	68.85	51.89
CKBI/ (115)	CA	SK	PRINCE ALBERT	321.12	7.31	7.31	54.02	0.50	124.94E	79.10	45.84
CKBI/ (120)	CA	SK	PRINCE ALBERT	320.20	7.26	7.26	53.58	0.50	129.31E	89.04	40.26
CKBI/ (125)	CA	SK	PRINCE ALBERT	319.34	7.18	7.18	52.91	0.50	133.67E	98.32	35.35
CKBI/ (130)	CA	SK	PRINCE ALBERT	318.57	7.09	7.09	52.05	0.50	137.79E	106.73	31.06
CKBI/ (135)	CA	SK	PRINCE ALBERT	317.89	6.98	6.98	51.08	0.50	141.55E	114.14	27.42
CKBI/ (140)	CA	SK	PRINCE ALBERT	317.31	6.87	6.87	50.08	0.50	144.90E	120.55	24.35
CKBI/ (145)	CA	SK	PRINCE ALBERT	316.80	6.77	6.77	49.23	0.50	147.90E	126.18	21.73
CKBI/ (150)	CA	SK	PRINCE ALBERT	316.33	6.68	6.68	48.52	0.50	150.73E	131.39	19.34
CKBI/ (155)	CA	SK	PRINCE ALBERT	315.86	6.61	6.61	47.95	0.50	153.59E	136.59	17.01
CKBI/ (160)	CA	SK	PRINCE ALBERT	315.38	6.55	6.55	47.46	0.50	156.57E	141.94	14.64
CKBI/ (165)	CA	SK	PRINCE ALBERT	314.89	6.49	6.49	46.99	0.50	159.60E	147.38	12.21
CKBI/ (170)	CA	SK	PRINCE ALBERT	314.42	6.43	6.43	46.47	0.50	162.63E	152.71	9.93
CKBI/ (175)	CA	SK	PRINCE ALBERT	313.93	6.36	6.36	45.92	0.50	165.67E	158.07	7.60
CKBI/ (180)	CA	SK	PRINCE ALBERT	313.45	6.28	6.28	45.31	0.50	168.79E	163.43	5.36
CKBI/ (185)	CA	SK	PRINCE ALBERT	313.06	6.19	6.19	44.56	0.50	171.34E	167.78	3.57
CKBI/ (190)	CA	SK	PRINCE ALBERT	312.77	6.09	6.09	43.73	0.50	173.28E	171.03	2.25
CKBI/ (195)	CA	SK	PRINCE ALBERT	312.68	5.97	5.97	42.78	0.50	173.91E	172.04	1.87

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Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
CKBI/ (200)	CA	SK	PRINCE ALBERT	312.72	5.85	5.85	41.82	0.50	173.74E	171.67	2.07
CKBI/ (205)	CA	SK	PRINCE ALBERT	312.81	5.74	5.74	40.89	0.50	173.27E	170.72	2.55
CKBI/ (210)	CA	SK	PRINCE ALBERT	312.82	5.64	5.64	40.03	0.50	173.26E	170.62	2.63
CKBI/ (215)	CA	SK	PRINCE ALBERT	312.81	5.54	5.54	39.20	0.50	173.32E	170.67	2.66
CKBI/ (220)	CA	SK	PRINCE ALBERT	312.76	5.44	5.44	38.37	0.50	173.70E	171.25	2.45
CKBI/ (225)	CA	SK	PRINCE ALBERT	312.65	5.33	5.33	37.50	0.50	174.48E	172.52	1.96
CKBI/ (230)	CA	SK	PRINCE ALBERT	312.50	5.22	5.22	36.57	0.50	175.49E	174.18	1.31
CKBI/ (235)	CA	SK	PRINCE ALBERT	312.37	5.09	5.09	35.57	0.50	176.43E	175.73	0.70
CKBI/ (240)	CA	SK	PRINCE ALBERT	312.29	4.96	4.96	34.53	0.50	177.00E	176.64	0.36
CKBI/ (245)	CA	SK	PRINCE ALBERT	312.30	4.83	4.83	33.47	0.50	177.00E	176.52	0.49
CKBI/ (250)	CA	SK	PRINCE ALBERT	312.46	4.71	4.71	32.49	0.50	176.01E	174.75	1.25
CKBI/ (255)	CA	SK	PRINCE ALBERT	312.98	4.63	4.63	31.93	0.50	172.66E	168.94	3.72
CKBI/ (260)	CA	SK	PRINCE ALBERT	313.32	4.53	4.53	31.15	0.50	170.48E	165.11	5.37
CKBI/ (265)	CA	SK	PRINCE ALBERT	313.62	4.42	4.42	30.26	0.50	168.61E	161.81	6.80
CKBI/ (270)	CA	SK	PRINCE ALBERT	313.99	4.31	4.31	29.43	0.50	166.26E	157.63	8.63
CKBI/ (275)	CA	SK	PRINCE ALBERT	314.52	4.24	4.24	28.89	0.50	162.93E	151.70	11.23
CKBI/ (280)	CA	SK	PRINCE ALBERT	315.05	4.17	4.17	28.35	0.50	159.57E	145.68	13.89
CKBI/ (285)	CA	SK	PRINCE ALBERT	315.60	4.09	4.09	27.81	0.50	156.19E	139.50	16.69
CKBI/ (290)	CA	SK	PRINCE ALBERT	316.19	4.03	4.03	27.32	0.50	152.65E	132.93	19.72
CKBI/ (295)	CA	SK	PRINCE ALBERT	316.84	3.99	3.99	27.06	0.50	148.76E	125.64	23.12
CKBI/ (300)	CA	SK	PRINCE ALBERT	316.82	3.03	3.03	20.26	0.50	149.12E	125.82	23.30
CKBI/ (305)	CA	SK	PRINCE ALBERT	317.79	2.78	2.78	18.64	0.50	143.48E	114.85	28.63
CKBI/ (310)	CA	SK	PRINCE ALBERT	318.95	2.61	2.61	17.64	0.50	141.71S	101.91	39.80
CKBI/ (315)	CA	SK	PRINCE ALBERT	320.21	2.50	2.50	17.03	0.50	146.78S	87.97	58.81
CKBI/ (320)	CA	SK	PRINCE ALBERT	321.52	2.44	2.44	16.68	0.50	149.90S	73.56	76.34
CKBI/ (325)	CA	SK	PRINCE ALBERT	322.87	2.42	2.42	16.55	0.50	151.10S	59.20	91.90
CKBI/ (330)	CA	SK	PRINCE ALBERT	324.23	2.42	2.42	16.58	0.50	150.77S	45.28	105.50
CKBI/ (335)	CA	SK	PRINCE ALBERT	325.58	2.46	2.46	16.77	0.50	149.07S	32.46	116.61
CKBI/ (340)	CA	SK	PRINCE ALBERT	326.92	2.52	2.52	17.11	0.50	146.15S	22.25	123.90
CKBI/ (345)	CA	SK	PRINCE ALBERT	328.24	2.60	2.60	17.57	0.50	142.28S	18.41	123.87
CKBI/ (350)	CA	SK	PRINCE ALBERT	329.53	2.71	2.71	18.21	0.50	137.30S	23.22	114.08
CKBI/ (355)	CA	SK	PRINCE ALBERT	330.77	2.84	2.84	19.00	0.50	131.57S	32.23	99.33
CHML/O	CA	ON	HAMILTON	95.65	8.08	8.08	60.05	2.34	195.14	190.74	4.40

50% = 4.879, 25% = 7.108; XEW1/A=3.52 CJBR/A=2.43 WKXV.L=2.34 WYCV.L=2.31 WAYN.L=2.29 WIAM.L=2.26

CKTS/A=2.05 WJWL.L=1.92 WJTH.L=1.76

XEW/O (0)	MX	DF	COL.EX-HACIENDA	197.10	0.36	0.36	8.79	1.89	1074.09s	154.16	919.93
XEW/O (5)	MX	DF	COL.EX-HACIENDA	195.11	0.27	0.27	8.58	1.95	1136.37s	157.50	978.88
XEW/O (10)	MX	DF	COL.EX-HACIENDA	193.29	0.25	0.25	8.52	1.97	1157.91s	161.08	996.82
XEW/O (15)	MX	DF	COL.EX-HACIENDA	191.48	0.25	0.25	8.53	1.96	1149.34s	165.06	984.28
XEW/O (20)	MX	DF	COL.EX-HACIENDA	191.44	0.00	0.00	5.89	2.35	1996.47s	165.14	1831.32
XEW/O (25)	MX	DF	COL.EX-HACIENDA	191.14	0.00	0.00	5.32	2.33	2189.98s	165.85	2024.12
XEW/O (30)	MX	DF	COL.EX-HACIENDA	190.76	0.00	0.00	5.08	2.28	2242.64s	166.74	2075.90
XEW/O (35)	MX	DF	COL.EX-HACIENDA	190.23	0.00	0.00	5.00	2.27	2271.10s	168.00	2103.10
XEW/O (40)	MX	DF	COL.EX-HACIENDA	189.80	0.00	0.00	4.90	2.25	2298.64s	169.07	2129.58
XEW/O (45)	MX	DF	COL.EX-HACIENDA	189.67	0.00	0.00	4.73	2.17	2294.96s	169.38	2125.58
XEW/O (50)	MX	DF	COL.EX-HACIENDA	189.38	0.00	0.00	4.63	2.14	2310.84s	170.10	2140.74
XEW/O (55)	MX	DF	COL.EX-HACIENDA	189.03	0.00	0.00	4.56	2.14	2346.73s	170.97	2175.76
XEW/O (60)	MX	DF	COL.EX-HACIENDA	188.69	0.00	0.00	4.48	2.14	2391.31s	171.84	2219.47
XEW/O (65)	MX	DF	COL.EX-HACIENDA	188.35	0.00	0.00	4.41	2.16	2445.25s	172.71	2272.54
XEW/O (70)	MX	DF	COL.EX-HACIENDA	188.00	0.00	0.00	4.33	2.17	2508.48s	173.62	2334.86
XEW/O (75)	MX	DF	COL.EX-HACIENDA	168.34	0.00	0.00	4.99	1.08	1080.44s	223.67	856.77
XEW/O (80)	MX	DF	COL.EX-HACIENDA	165.54	0.00	0.00	4.50	0.86	957.51s	228.46	729.05
XEW/O (85)	MX	DF	COL.EX-HACIENDA	166.49	0.00	0.00	4.08	0.91	1114.38s	226.96	887.43
XEW/O (90)	MX	DF	COL.EX-HACIENDA	167.48	0.00	0.00	3.74	0.95	1274.38s	225.26	1049.12
XEW/O (95)	MX	DF	COL.EX-HACIENDA	169.00	0.00	0.00	3.49	1.04	1490.09s	222.40	1267.69
XEW/O (100)	MX	DF	COL.EX-HACIENDA	175.84	0.00	0.00	3.51	1.73	2466.62s	206.62	2260.00
XEW/O (105)	MX	DF	COL.EX-HACIENDA	176.39	0.00	0.00	3.33	1.74	2616.10s	205.18	2410.92
XEW/O (110)	MX	DF	COL.EX-HACIENDA	175.06	0.00	0.00	3.04	1.49	2448.79s	208.61	2240.18
XEW/O (115)	MX	DF	COL.EX-HACIENDA	177.74	0.00	0.00	3.01	1.76	2928.15s	201.62	2726.53
XEW/O (120)	MX	DF	COL.EX-HACIENDA	178.45	0.00	0.00	2.88	1.76	3058.65s	199.71	2858.95
XEW/O (125)	MX	DF	COL.EX-HACIENDA	178.62	0.00	0.00	2.70	1.66	3073.47s	199.24	2874.23
XEW/O (130)	MX	DF	COL.EX-HACIENDA	184.09	0.00	0.00	3.02	2.28	3773.50s	184.12	3589.38
XEW/O (135)	MX	DF	COL.EX-HACIENDA	185.07	0.00	0.00	2.98	2.30	3857.63s	181.44	3676.19

## Exhibit 16.1

## Tabulation of Proposed Nighttime Allocation

Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
XEW/O (140)	MX	DF	COL.EX-HACIENDA	185.93	0.00	0.00	2.94	2.32	3940.73s	179.09	3761.64
XEW/O (145)	MX	DF	COL.EX-HACIENDA	186.74	0.00	0.00	2.91	2.33	4008.15s	176.92	3831.23
XEW/O (150)	MX	DF	COL.EX-HACIENDA	187.84	0.00	0.00	2.92	2.35	4021.47s	174.04	3847.43
XEW/O (155)	MX	DF	COL.EX-HACIENDA	188.77	0.00	0.00	2.94	2.35	4009.66s	171.63	3838.03
XEW/O (160)	MX	DF	COL.EX-HACIENDA	189.59	0.00	0.00	2.95	2.36	3995.02s	169.58	3825.45
XEW/O (165)	MX	DF	COL.EX-HACIENDA	190.35	0.00	0.00	2.96	2.35	3959.84s	167.73	3792.11
XEW/O (170)	MX	DF	COL.EX-HACIENDA	191.05	0.00	0.00	2.98	2.32	3892.39s	166.06	3726.33
XEW/O (175)	MX	DF	COL.EX-HACIENDA	191.68	0.00	0.00	3.00	2.30	3828.00s	164.60	3663.41
XEW/O (180)	MX	DF	COL.EX-HACIENDA	192.26	0.00	0.00	3.02	2.27	3767.74s	163.29	3604.44
XEW/O (185)	MX	DF	COL.EX-HACIENDA	192.80	0.00	0.00	3.03	2.26	3720.74s	162.12	3558.62
XEW/O (190)	MX	DF	COL.EX-HACIENDA	193.31	0.00	0.00	3.05	2.23	3664.84s	161.04	3503.80
XEW/O (195)	MX	DF	COL.EX-HACIENDA	193.80	0.00	0.00	3.06	2.21	3617.68s	160.03	3457.66
XEW/O (200)	MX	DF	COL.EX-HACIENDA	194.28	0.00	0.00	3.07	2.21	3596.28s	159.07	3437.21
XEW/O (205)	MX	DF	COL.EX-HACIENDA	194.76	0.00	0.00	3.09	2.21	3573.08s	158.16	3414.93
XEW/O (210)	MX	DF	COL.EX-HACIENDA	195.24	0.00	0.00	3.10	2.21	3572.88s	157.27	3415.61
XEW/O (215)	MX	DF	COL.EX-HACIENDA	195.73	0.00	0.00	3.11	2.22	3569.92s	156.40	3413.52
XEW/O (220)	MX	DF	COL.EX-HACIENDA	196.24	0.00	0.00	3.13	2.24	3589.52s	155.53	3433.99
XEW/O (225)	MX	DF	COL.EX-HACIENDA	196.77	0.00	0.00	3.14	2.26	3600.44s	154.67	3445.77
XEW/O (230)	MX	DF	COL.EX-HACIENDA	197.34	0.00	0.00	3.16	2.29	3624.53s	153.80	3470.73
XEW/O (235)	MX	DF	COL.EX-HACIENDA	197.86	0.00	0.00	3.19	2.30	3610.51s	153.06	3457.45
XEW/O (240)	MX	DF	COL.EX-HACIENDA	198.28	0.00	0.00	3.24	2.30	3548.75s	152.50	3396.26
XEW/O (245)	MX	DF	COL.EX-HACIENDA	199.03	0.00	0.00	3.25	2.33	3586.49s	151.58	3434.90
XEW/O (250)	MX	DF	COL.EX-HACIENDA	200.06	0.00	0.00	3.25	2.36	3625.50s	150.50	3475.00
XEW/O (255)	MX	DF	COL.EX-HACIENDA	201.36	0.00	0.00	3.25	2.35	3604.72s	149.45	3455.26
XEW/O (260)	MX	DF	COL.EX-HACIENDA	202.49	0.00	0.00	3.29	2.33	3536.32s	148.85	3387.47
XEW/O (265)	MX	DF	COL.EX-HACIENDA	203.67	0.00	0.00	3.35	2.29	3423.34s	148.54	3274.79
XEW/O (270)	MX	DF	COL.EX-HACIENDA	205.11	0.00	0.00	3.41	2.23	3271.96s	148.63	3123.33
XEW/O (275)	MX	DF	COL.EX-HACIENDA	206.21	0.00	0.00	3.51	2.18	3103.88s	149.04	2954.84
XEW/O (280)	MX	DF	COL.EX-HACIENDA	207.37	0.00	0.00	3.63	2.10	2896.02s	149.82	2746.20
XEW/O (285)	MX	DF	COL.EX-HACIENDA	208.85	0.00	0.00	3.79	1.96	2594.18s	151.34	2442.85
XEW/O (290)	MX	DF	COL.EX-HACIENDA	210.68	0.00	0.00	3.98	1.80	2266.81s	154.02	2112.79
XEW/O (295)	MX	DF	COL.EX-HACIENDA	222.46	0.00	0.00	4.04	0.74	916.72s	191.59	725.12
XEW/O (300)	MX	DF	COL.EX-HACIENDA	225.51	0.00	0.00	4.42	0.59	662.31s	206.26	456.05
XEW/O (305)	MX	DF	COL.EX-HACIENDA	227.59	0.00	0.00	4.96	0.50	504.12S	217.17	286.95
XEW/O (310)	MX	DF	COL.EX-HACIENDA	227.81	0.00	0.00	5.74	0.50	435.84S	218.35	217.49
XEW/O (315)	MX	DF	COL.EX-HACIENDA	227.76	0.00	0.00	6.68	0.50	374.01S	218.08	155.93
XEW/O (320)	MX	DF	COL.EX-HACIENDA	227.39	0.00	0.00	7.84	0.50	319.01S	216.12	102.89
XEW/O (325)	MX	DF	COL.EX-HACIENDA	226.66	0.58	0.58	9.34	0.50	267.72S	212.21	55.52
XEW/O (330)	MX	DF	COL.EX-HACIENDA	225.48	1.23	1.23	11.35	0.50	220.17S	206.16	14.01
XEW/O (335)	MX	DF	COL.EX-HACIENDA	219.01	1.45	1.45	12.21	0.70	288.06s	177.28	110.78
XEW/O (340)	MX	DF	COL.EX-HACIENDA	210.20	1.00	1.00	10.54	1.16	550.38s	153.25	397.14
XEW/O (345)	MX	DF	COL.EX-HACIENDA	209.29	1.61	1.61	12.85	1.04	405.41s	151.95	253.46
XEW/O (350)	MX	DF	COL.EX-HACIENDA	205.57	1.66	1.66	13.04	1.15	441.77s	148.80	292.97
XEW/O (355)	MX	DF	COL.EX-HACIENDA	200.60	1.02	1.02	10.59	1.53	721.54s	150.02	571.51
CHML/A	CA	ON	HAMILTON	96.04	7.63	7.63	56.60	2.35	207.37	190.87	16.50

50% = 4.918, 25% = 7.201; XEW1/A=3.50 CJBR/A=2.53 WIAM.L=2.35 WAYN.L=2.35 WKXV.L=2.35 WYCV.L=2.34  
CKTS/A=2.05 WJWL.L=1.96 WJTH.L=1.76

XEW1/A (0)	MX	DF	MEXICO CITY	197.04	0.35	0.35	8.77	1.85	1054.21s	154.25	899.96
XEW1/A (5)	MX	DF	MEXICO CITY	195.06	0.28	0.28	8.59	1.91	1112.58s	157.58	955.00
XEW1/A (10)	MX	DF	MEXICO CITY	193.24	0.25	0.25	8.53	1.93	1131.53s	161.18	970.35
XEW1/A (15)	MX	DF	MEXICO CITY	191.44	0.25	0.25	8.52	1.92	1129.17s	165.15	964.02
XEW1/A (20)	MX	DF	MEXICO CITY	191.43	0.00	0.00	5.86	2.40	2048.81s	165.17	1883.64
XEW1/A (25)	MX	DF	MEXICO CITY	191.12	0.00	0.00	5.30	2.44	2298.75s	165.89	2132.86
XEW1/A (30)	MX	DF	MEXICO CITY	190.74	0.00	0.00	5.07	2.44	2400.37s	166.79	2233.57
XEW1/A (35)	MX	DF	MEXICO CITY	190.21	0.00	0.00	4.99	2.43	2430.97s	168.05	2262.92
XEW1/A (40)	MX	DF	MEXICO CITY	189.79	0.00	0.00	4.89	2.42	2473.37s	169.08	2304.29
XEW1/A (45)	MX	DF	MEXICO CITY	189.67	0.00	0.00	4.73	2.39	2528.25s	169.39	2358.86
XEW1/A (50)	MX	DF	MEXICO CITY	189.37	0.00	0.00	4.63	2.37	2559.54s	170.12	2389.42
XEW1/A (55)	MX	DF	MEXICO CITY	189.03	0.00	0.00	4.56	2.37	2601.41s	170.98	2430.43
XEW1/A (60)	MX	DF	MEXICO CITY	188.69	0.00	0.00	4.48	2.37	2648.07s	171.85	2476.23
XEW1/A (65)	MX	DF	MEXICO CITY	188.35	0.00	0.00	4.41	2.38	2700.06s	172.72	2527.35
XEW1/A (70)	MX	DF	MEXICO CITY	188.00	0.00	0.00	4.33	2.39	2757.13s	173.61	2583.51
XEW1/A (75)	MX	DF	MEXICO CITY	168.39	0.00	0.00	4.99	1.05	1050.77s	223.58	827.18

**Exhibit 16.1****Tabulation of Proposed Nighttime Allocation**

Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
XEW1/A (80)	MX	DF	MEXICO CITY	165.53	0.00	0.00	4.50	0.83	927.12s	228.47	698.66
XEW1/A (85)	MX	DF	MEXICO CITY	166.48	0.00	0.00	4.08	0.88	1078.87s	226.97	851.90
XEW1/A (90)	MX	DF	MEXICO CITY	167.47	0.00	0.00	3.74	0.92	1234.06s	225.28	1008.79
XEW1/A (95)	MX	DF	MEXICO CITY	168.98	0.00	0.00	3.49	1.01	1442.07s	222.44	1219.63
XEW1/A (100)	MX	DF	MEXICO CITY	175.84	0.00	0.00	3.51	1.69	2404.61s	206.62	2197.98
XEW1/A (105)	MX	DF	MEXICO CITY	176.49	0.00	0.00	3.34	1.71	2567.91s	204.93	2362.97
XEW1/A (110)	MX	DF	MEXICO CITY	174.99	0.00	0.00	3.04	1.44	2369.91s	208.79	2161.11
XEW1/A (115)	MX	DF	MEXICO CITY	177.72	0.00	0.00	3.01	1.72	2856.39s	201.66	2654.73
XEW1/A (120)	MX	DF	MEXICO CITY	178.43	0.00	0.00	2.89	1.72	2983.17s	199.75	2783.43
XEW1/A (125)	MX	DF	MEXICO CITY	178.60	0.00	0.00	2.71	1.62	2991.34s	199.30	2792.04
XEW1/A (130)	MX	DF	MEXICO CITY	184.05	0.00	0.00	3.02	2.26	3750.49s	184.23	3566.26
XEW1/A (135)	MX	DF	MEXICO CITY	185.03	0.00	0.00	2.98	2.29	3850.33s	181.54	3668.78
XEW1/A (140)	MX	DF	MEXICO CITY	185.90	0.00	0.00	2.94	2.32	3945.15s	179.19	3765.96
XEW1/A (145)	MX	DF	MEXICO CITY	186.70	0.00	0.00	2.91	2.34	4021.74s	177.03	3844.70
XEW1/A (150)	MX	DF	MEXICO CITY	187.79	0.00	0.00	2.92	2.38	4067.67s	174.17	3893.50
XEW1/A (155)	MX	DF	MEXICO CITY	188.73	0.00	0.00	2.94	2.41	4100.48s	171.75	3928.73
XEW1/A (160)	MX	DF	MEXICO CITY	189.55	0.00	0.00	2.95	2.43	4119.85s	169.69	3950.16
XEW1/A (165)	MX	DF	MEXICO CITY	190.30	0.00	0.00	2.96	2.44	4117.42s	167.84	3949.58
XEW1/A (170)	MX	DF	MEXICO CITY	191.01	0.00	0.00	2.98	2.44	4089.49s	166.16	3923.33
XEW1/A (175)	MX	DF	MEXICO CITY	191.64	0.00	0.00	3.00	2.44	4058.06s	164.69	3893.37
XEW1/A (180)	MX	DF	MEXICO CITY	192.22	0.00	0.00	3.02	2.43	4028.79s	163.38	3865.42
XEW1/A (185)	MX	DF	MEXICO CITY	192.77	0.00	0.00	3.03	2.43	4004.75s	162.19	3842.55
XEW1/A (190)	MX	DF	MEXICO CITY	193.28	0.00	0.00	3.05	2.42	3968.06s	161.10	3806.95
XEW1/A (195)	MX	DF	MEXICO CITY	193.77	0.00	0.00	3.06	2.42	3946.11s	160.09	3786.02
XEW1/A (200)	MX	DF	MEXICO CITY	194.25	0.00	0.00	3.07	2.41	3917.26s	159.13	3758.13
XEW1/A (205)	MX	DF	MEXICO CITY	194.73	0.00	0.00	3.09	2.41	3906.64s	158.20	3748.44
XEW1/A (210)	MX	DF	MEXICO CITY	195.21	0.00	0.00	3.10	2.41	3888.68s	157.31	3731.37
XEW1/A (215)	MX	DF	MEXICO CITY	195.71	0.00	0.00	3.11	2.42	3886.81s	156.43	3730.38
XEW1/A (220)	MX	DF	MEXICO CITY	196.22	0.00	0.00	3.13	2.42	3876.05s	155.57	3720.48
XEW1/A (225)	MX	DF	MEXICO CITY	196.75	0.00	0.00	3.14	2.43	3876.14s	154.70	3721.44
XEW1/A (230)	MX	DF	MEXICO CITY	197.33	0.00	0.00	3.16	2.44	3859.34s	153.82	3705.52
XEW1/A (235)	MX	DF	MEXICO CITY	197.85	0.00	0.00	3.19	2.44	3824.30s	153.07	3671.23
XEW1/A (240)	MX	DF	MEXICO CITY	198.28	0.00	0.00	3.24	2.44	3768.89s	152.50	3616.39
XEW1/A (245)	MX	DF	MEXICO CITY	199.03	0.00	0.00	3.25	2.44	3752.64s	151.59	3601.06
XEW1/A (250)	MX	DF	MEXICO CITY	200.06	0.00	0.00	3.25	2.43	3729.86s	150.50	3579.36
XEW1/A (255)	MX	DF	MEXICO CITY	201.37	0.00	0.00	3.25	2.38	3651.36s	149.45	3501.91
XEW1/A (260)	MX	DF	MEXICO CITY	202.50	0.00	0.00	3.29	2.34	3548.76s	148.85	3399.91
XEW1/A (265)	MX	DF	MEXICO CITY	203.69	0.00	0.00	3.35	2.28	3409.65s	148.54	3261.11
XEW1/A (270)	MX	DF	MEXICO CITY	205.13	0.00	0.00	3.41	2.21	3234.05s	148.63	3085.42
XEW1/A (275)	MX	DF	MEXICO CITY	206.23	0.00	0.00	3.51	2.14	3050.34s	149.05	2901.29
XEW1/A (280)	MX	DF	MEXICO CITY	207.39	0.00	0.00	3.63	2.06	2833.57s	149.84	2683.74
XEW1/A (285)	MX	DF	MEXICO CITY	208.88	0.00	0.00	3.79	1.92	2530.65s	151.37	2379.28
XEW1/A (290)	MX	DF	MEXICO CITY	210.72	0.00	0.00	3.98	1.75	2201.78s	154.08	2047.70
XEW1/A (295)	MX	DF	MEXICO CITY	222.57	0.00	0.00	4.04	0.71	873.56s	192.09	681.48
XEW1/A (300)	MX	DF	MEXICO CITY	225.54	0.00	0.00	4.43	0.56	634.71s	206.40	428.30
XEW1/A (305)	MX	DF	MEXICO CITY	227.18	0.00	0.00	4.97	0.50	502.55s	214.93	287.62
XEW1/A (310)	MX	DF	MEXICO CITY	227.37	0.00	0.00	5.75	0.50	434.83s	215.97	218.85
XEW1/A (315)	MX	DF	MEXICO CITY	227.29	0.00	0.00	6.69	0.50	373.87s	215.58	158.29
XEW1/A (320)	MX	DF	MEXICO CITY	226.91	0.00	0.00	7.82	0.50	319.51s	213.52	105.99
XEW1/A (325)	MX	DF	MEXICO CITY	226.15	0.56	0.56	9.30	0.50	268.78s	209.56	59.22
XEW1/A (330)	MX	DF	MEXICO CITY	224.96	1.21	1.21	11.27	0.50	221.91s	203.52	18.39
XEW1/A (335)	MX	DF	MEXICO CITY	218.78	1.44	1.44	12.16	0.69	282.97s	176.42	106.55
XEW1/A (340)	MX	DF	MEXICO CITY	210.15	1.01	1.01	10.56	1.12	531.69s	153.18	378.51
XEW1/A (345)	MX	DF	MEXICO CITY	209.27	1.63	1.63	12.90	1.01	389.84s	151.93	237.92
XEW1/A (350)	MX	DF	MEXICO CITY	205.46	1.65	1.65	12.99	1.12	432.23s	148.76	283.47
XEW1/A (355)	MX	DF	MEXICO CITY	200.54	1.02	1.02	10.59	1.49	701.31s	150.07	551.24
CHYC/A	CA	ON	SUDBURY	75.94	9.33	9.33	69.97	3.89	278.33	174.29	104.04
50% = 7.79, 25% = 8.796; CHML/A=7.79 XEW1/A=3.00 CJER/U=2.78											
NEW/A	CA	ON	DRYDEN	1.19	18.46	18.46	119.50	6.85	286.75	166.52	120.23
50% = 13.707, 25% = 14.748; CKBI/ =10.55 CHML/A=8.75 CKVD/A=5.44											
WSUI.L	US	IA	IOWA CITY	162.24	18.72	29.72	138.35	1.15	417.36	209.56	207.79
50% = 3.644, 25% = 4.619; WALT.L=2.41 HJMY-A=2.11 KPOF.L=1.74 WSPA.L=1.52 KXEB.L=1.50 KDHL.L=1.39											
WJCW.L=1.25											

**Exhibit 16.1****Tabulation of Proposed Nighttime Allocation**

Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
WFIA.A	US	KY	INDIAN HILLS	138.54	6.36	11.81	38.42	4.06	528.67	206.33	322.35
50% = 13.681, 25% = 16.249; XEW1/A=12.09 WLS.L=6.40 WKXV.L=5.77 WILC.L=5.13 WJTH.L=4.16											
CJER/	CA	QC	ST. JEROME	79.70	4.05	4.05	27.49	2.88	522.91	186.60	336.31
50% = 5.75, 25% = 6.858; CHML/A=4.11 CJBR/A=4.02 XEW1/A=2.48 WILC.L=2.15 CKTS/A=1.79											
CJER/U	CA	QC	ST. JEROME	79.70	4.05	4.05	27.49	2.88	522.91	186.60	336.31
50% = 5.75, 25% = 6.858; CHML/A=4.11 CJBR/A=4.02 XEW1/A=2.48 WILC.L=2.15 CKTS/A=1.79											
CKTS/A	CA	QC	SHERBROOKE	80.79	2.97	2.97	19.86	2.20	554.94	188.95	366.00
50% = 4.408, 25% = 5.754; CJBR/A=3.72 XEW1/A=2.36 CHML/A=1.96 WJWL.L=1.65 WNMB.L=1.63 WCPA.L=1.49 WIAM.L=1.48											
CJBR/A	CA	QC	RIMOUSKI	69.56	1.52	1.52	12.48	1.89	758.72	163.79	594.93
50% = 4.073, 25% = 4.44; CHML/A=3.61 XEW1/A=1.89 CKVD/A=1.33 CKDH/ =1.17											
UNK-A (0)	GL		UMANAQ	18.25	0.00	0.00	2.06	0.50	1213.79S	206.96	1006.83
UNK-A (5)	GL		UMANAQ	18.58	0.00	0.00	2.03	0.50	1230.31S	206.38	1023.93
UNK-A (10)	GL		UMANAQ	18.95	0.00	0.00	2.01	0.50	1245.95S	205.72	1040.23
UNK-A (15)	GL		UMANAQ	19.34	0.00	0.00	1.98	0.50	1260.60S	204.99	1055.60
UNK-A (20)	GL		UMANAQ	19.76	0.00	0.00	1.96	0.50	1274.75S	204.19	1070.56
UNK-A (25)	GL		UMANAQ	20.21	0.00	0.00	1.94	0.50	1287.55S	203.32	1084.24
UNK-A (30)	GL		UMANAQ	20.67	0.00	0.00	1.92	0.50	1298.89S	202.37	1096.52
UNK-A (35)	GL		UMANAQ	21.16	0.00	0.00	1.91	0.50	1308.65S	201.36	1107.28
UNK-A (40)	GL		UMANAQ	21.66	0.00	0.00	1.90	0.50	1316.73S	200.29	1116.44
UNK-A (45)	GL		UMANAQ	22.17	0.00	0.00	1.89	0.50	1323.06S	199.17	1123.90
UNK-A (50)	GL		UMANAQ	22.68	0.00	0.00	1.88	0.50	1327.60S	197.99	1129.62
UNK-A (55)	GL		UMANAQ	23.21	0.00	0.00	1.88	0.50	1330.40S	196.77	1133.63
UNK-A (60)	GL		UMANAQ	23.74	0.00	0.00	1.88	0.50	1331.20S	195.51	1135.69
UNK-A (65)	GL		UMANAQ	24.26	0.00	0.00	1.88	0.50	1330.00S	194.22	1135.78
UNK-A (70)	GL		UMANAQ	24.79	0.00	0.00	1.88	0.50	1326.83S	192.92	1133.91
UNK-A (75)	GL		UMANAQ	25.31	0.00	0.00	1.89	0.50	1321.95S	191.61	1130.34
UNK-A (80)	GL		UMANAQ	25.81	0.00	0.00	1.90	0.50	1315.26S	190.29	1124.97
UNK-A (85)	GL		UMANAQ	26.31	0.00	0.00	1.91	0.50	1306.84S	188.99	1117.85
UNK-A (90)	GL		UMANAQ	26.79	0.00	0.00	1.93	0.50	1296.76S	187.72	1109.04
UNK-A (95)	GL		UMANAQ	27.25	0.00	0.00	1.95	0.50	1285.12S	186.47	1098.65
UNK-A (100)	GL		UMANAQ	27.69	0.00	0.00	1.97	0.50	1272.04S	185.27	1086.77
UNK-A (105)	GL		UMANAQ	28.11	0.00	0.00	1.99	0.50	1257.74S	184.12	1073.62
UNK-A (110)	GL		UMANAQ	28.50	0.00	0.00	2.01	0.50	1242.92S	183.05	1059.87
UNK-A (115)	GL		UMANAQ	28.86	0.00	0.00	2.04	0.50	1227.09S	182.04	1045.05
UNK-A (120)	GL		UMANAQ	29.18	0.00	0.00	2.07	0.50	1210.41S	181.12	1029.28
UNK-A (125)	GL		UMANAQ	29.48	0.00	0.00	2.10	0.50	1191.88S	180.30	1011.58
UNK-A (130)	GL		UMANAQ	29.73	0.00	0.00	2.14	0.50	1170.65S	179.59	991.07
UNK-A (135)	GL		UMANAQ	29.94	0.00	0.00	2.18	0.50	1149.00S	178.99	970.01
UNK-A (140)	GL		UMANAQ	30.11	0.00	0.00	2.22	0.50	1126.60S	178.51	948.10
UNK-A (145)	GL		UMANAQ	30.23	0.00	0.00	2.27	0.50	1101.87S	178.15	923.72
UNK-A (150)	GL		UMANAQ	30.31	0.00	0.00	2.32	0.50	1077.32S	177.94	899.38
UNK-A (155)	GL		UMANAQ	30.33	0.00	0.00	2.37	0.50	1053.48S	177.86	875.62
UNK-A (160)	GL		UMANAQ	30.31	0.00	0.00	2.42	0.50	1031.27S	177.93	853.34
UNK-A (165)	GL		UMANAQ	30.23	0.00	0.00	2.48	0.50	1009.69S	178.15	831.54
UNK-A (170)	GL		UMANAQ	30.11	0.00	0.00	2.53	0.50	988.29S	178.51	809.78
UNK-A (175)	GL		UMANAQ	29.93	0.00	0.00	2.59	0.50	966.57S	179.03	787.54
UNK-A (180)	GL		UMANAQ	29.69	0.00	0.00	2.64	0.50	946.01S	179.69	766.32
UNK-A (185)	GL		UMANAQ	29.41	0.00	0.00	2.70	0.50	926.51S	180.50	746.01
UNK-A (190)	GL		UMANAQ	29.07	0.00	0.00	2.75	0.50	907.46S	181.45	726.01
UNK-A (195)	GL		UMANAQ	28.69	0.00	0.00	2.81	0.50	890.00S	182.53	707.47
UNK-A (200)	GL		UMANAQ	28.26	0.00	0.00	2.86	0.50	874.21S	183.73	690.47
UNK-A (205)	GL		UMANAQ	27.78	0.00	0.00	2.91	0.50	860.51S	185.04	675.47
UNK-A (210)	GL		UMANAQ	27.27	0.00	0.00	2.94	0.50	849.07S	186.45	662.62
UNK-A (215)	GL		UMANAQ	26.72	0.00	0.00	2.98	0.50	839.34S	187.93	651.41
UNK-A (220)	GL		UMANAQ	26.14	0.00	0.00	3.01	0.50	831.36S	189.46	641.89
UNK-A (225)	GL		UMANAQ	25.53	0.00	0.00	3.03	0.50	825.16S	191.03	634.12
UNK-A (230)	GL		UMANAQ	24.91	0.00	0.00	3.05	0.50	820.77S	192.62	628.14
UNK-A (235)	GL		UMANAQ	24.28	0.00	0.00	3.06	0.50	818.20S	194.21	623.99

## Exhibit 16.1

## Tabulation of Proposed Nighttime Allocation

Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
UNK-A (240)	GL		UMANAQ	23.63	0.00	0.00	3.06	0.50	817.47S	195.77	621.70
UNK-A (245)	GL		UMANAQ	22.99	0.00	0.00	3.05	0.50	818.57S	197.29	621.28
UNK-A (250)	GL		UMANAQ	22.36	0.00	0.00	3.04	0.50	821.50S	198.74	622.76
UNK-A (255)	GL		UMANAQ	21.74	0.00	0.00	3.03	0.50	826.26S	200.12	626.14
UNK-A (260)	GL		UMANAQ	21.14	0.00	0.00	3.00	0.50	832.81S	201.41	631.40
UNK-A (265)	GL		UMANAQ	20.57	0.00	0.00	2.97	0.50	841.15S	202.61	638.54
UNK-A (270)	GL		UMANAQ	20.02	0.00	0.00	2.94	0.50	851.23S	203.70	647.53
UNK-A (275)	GL		UMANAQ	19.51	0.00	0.00	2.90	0.50	863.01S	204.68	658.33
UNK-A (280)	GL		UMANAQ	19.05	0.00	0.00	2.85	0.50	877.24S	205.55	671.69
UNK-A (285)	GL		UMANAQ	18.62	0.00	0.00	2.80	0.50	893.37S	206.31	687.05
UNK-A (290)	GL		UMANAQ	18.25	0.00	0.00	2.74	0.50	911.15S	206.97	704.18
UNK-A (295)	GL		UMANAQ	17.92	0.00	0.00	2.69	0.50	930.49S	207.53	722.96
UNK-A (300)	GL		UMANAQ	17.64	0.00	0.00	2.63	0.50	950.03S	207.98	742.05
UNK-A (305)	GL		UMANAQ	17.42	0.00	0.00	2.58	0.50	970.83S	208.34	762.49
UNK-A (310)	GL		UMANAQ	17.25	0.00	0.00	2.52	0.50	992.76S	208.61	784.15
UNK-A (315)	GL		UMANAQ	17.13	0.00	0.00	2.47	0.50	1013.95S	208.80	805.15
UNK-A (320)	GL		UMANAQ	17.06	0.00	0.00	2.41	0.50	1035.66S	208.90	826.76
UNK-A (325)	GL		UMANAQ	17.05	0.00	0.00	2.36	0.50	1057.97S	208.92	849.05
UNK-A (330)	GL		UMANAQ	17.08	0.00	0.00	2.31	0.50	1082.19S	208.87	873.33
UNK-A (335)	GL		UMANAQ	17.17	0.00	0.00	2.26	0.50	1106.80S	208.74	898.06
UNK-A (340)	GL		UMANAQ	17.30	0.00	0.00	2.21	0.50	1131.47S	208.53	922.95
UNK-A (345)	GL		UMANAQ	17.48	0.00	0.00	2.17	0.50	1153.34S	208.25	945.09
UNK-A (350)	GL		UMANAQ	17.69	0.00	0.00	2.13	0.50	1174.92S	207.89	967.03
UNK-A (355)	GL		UMANAQ	17.95	0.00	0.00	2.09	0.50	1196.04S	207.46	988.58
WKXV.L	US	TN	KNOXVILLE	139.77	3.71	7.94	24.81	4.54	915.13	211.06	704.07
50% = 15.407, 25% = 18.161; XEW1/A=13.63 WJTH.L=7.19 WYCV.L=6.42 WILC.L=5.36 WAYN.L=4.74											
CKVD/A	CA	QC	VAL-D'OR	68.14	6.22	6.22	44.76	7.90	882.19	157.81	724.39
50% = 15.795, 25% = 18.17; CJER/U=15.79 CHML/A=7.76 CKTS/A=4.53											
KJJQ.L	US	SD	VOLGA	256.75	23.14	35.58	174.30	3.85	1104.58	347.86	756.73
50% = 15.403, 25% = 15.403; WSUI.L=15.40											
WJTH.L	US	GA	CALHOUN	146.76	2.99	6.91	22.28	4.85	1088.31	226.57	861.74
50% = 16.187, 25% = 19.401; XEW1/A=16.19 WKXV.L=7.09 WGOK.L=6.36 WYCV.L=4.86											
WAYN.L	US	NC	ROCKINGHAM	130.32	1.62	4.99	16.08	4.05	1259.36	186.06	1073.30
50% = 13.708, 25% = 16.202; XEW1/A=11.80 WYCV.L=6.97 WIAM.L=5.53 WCPA.L=4.90 WKXV.L=4.48											
NEW.A	US	OR	BEND	277.50	0.00	1.06	6.26	1.97	1575.72	434.70	1141.02
50% = 7.887, 25% = 7.887; XEW1/A=6.05 KBIF.L=3.63 CKMO/A=3.53											
NEW.A	US	OR	BEND	277.50	0.00	1.06	6.26	1.97	1575.72	434.70	1141.02
50% = 7.887, 25% = 7.887; XEW1/A=6.05 KBIF.L=3.63 CKMO/A=3.53											
KPOF.L	US	CO	DENVER	244.14	4.62	9.25	28.39	0.88	1557.74	318.58	1239.16
50% = 2.487, 25% = 3.537; HJMY-A=1.72 XEW1/A=1.34 KXEB.L=1.19 KNEW.L=1.18 WALT.L=1.09 KOTK.L=1.04 KRAK.L=0.96 KRIO.L=0.95 KOXR.L=0.93											
WNMB.L	US	SC	NORTH MYRTLE BE	130.73	0.82	3.92	13.78	4.02	1460.46	187.19	1273.26
50% = 14.241, 25% = 16.096; XEW1/A=12.01 WAYN.L=7.65 WIAM.L=5.44 WYCV.L=5.16											
CKMO/A	CA	BC	VICTORIA	290.37	0.00	0.00	6.86	2.36	1722.69	383.43	1339.26
50% = 4.728, 25% = 5.728; CKBI/ =4.73 KBIF.L=2.30 XEW1/A=2.28											
WCPA.L	US	PA	CLEARFIELD	105.30	3.69	7.91	20.96	6.44	1536.45	180.31	1356.14
50% = 24.717, 25% = 25.768; CHML/A=24.72 XEW1/A=7.28											
WILC.L	US	MD	LAUREL	110.64	2.20	5.81	16.00	5.39	1684.96	172.44	1512.52
50% = 18.64, 25% = 21.564; WCPA.L=13.63 CHML/A=12.71 XEW1/A=7.69 CKTS/A=7.64											
WFDF.L	US	MI	FLINT	103.39	8.68	15.25	48.82	1.66	1704.76	180.55	1524.21
50% = 4.99, 25% = 6.818; WGBI.L=2.69 WBSA.L=2.54 CHML/A=2.42 KVIS.L=2.32 WRNL.L=2.14 WJCW.L=2.09 HJMY-A=1.99 WSUI.L=1.72 WALT.L=1.71 CKLY/ =1.66											

## Exhibit 16.1

## Tabulation of Proposed Nighttime Allocation

Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
WFDF.C	US	MI	FLINT	103.38	8.68	15.25	48.82	1.67	1706.38	180.56	1525.82
50% = 4.99, 25% = 6.818; WGBI.L=2.69 WSBA.L=2.54 CHML/A=2.42 KVIS.L=2.32 WRNL.L=2.14 WJCW.L=2.09											
HJMY-A=1.99 WSUI.L=1.72 WALT.L=1.71 CKLY/ =1.67											
CMKB-D (0)	CU		CACOCUN 1	144.37	0.00	0.00	1.38	12.41	44797.43g	222.90	44574.53
CMKB-D (5)	CU		CACOCUN 1	144.28	0.00	0.00	1.38	13.26	47964.56g	222.72	47741.85
CMKB-D (10)	CU		CACOCUN 1	144.19	0.00	0.00	1.38	13.88	50335.42g	222.53	50112.89
CMKB-D (15)	CU		CACOCUN 1	144.10	0.00	0.00	1.38	14.28	51862.16g	222.35	51639.82
CMKB-D (20)	CU		CACOCUN 1	144.01	0.00	0.00	1.37	14.44	52559.26g	222.15	52337.11
CMKB-D (25)	CU		CACOCUN 1	143.91	0.00	0.00	1.37	15.08	55012.59g	221.94	54790.65
CMKB-D (30)	CU		CACOCUN 1	143.81	0.00	0.00	1.37	14.96	54715.15g	221.73	54493.41
CMKB-D (35)	CU		CACOCUN 1	143.73	0.00	0.00	1.36	13.63	50034.72g	221.57	49813.15
CMKB-D (40)	CU		CACOCUN 1	143.65	0.00	0.00	1.36	13.75	50615.18g	221.40	50393.77
CMKB-D (45)	CU		CACOCUN 1	143.57	0.00	0.00	1.35	11.44	42290.48g	221.22	42069.25
CMKB-D (50)	CU		CACOCUN 1	143.48	0.00	0.00	1.35	8.63	32000.48g	221.03	31779.44
CMKB-D (55)	CU		CACOCUN 1	143.38	0.00	0.00	1.34	6.52	24282.28g	220.82	24061.46
CMKB-D (60)	CU		CACOCUN 1	143.32	0.00	0.00	1.34	5.83	21832.37g	220.67	21611.69
CMKB-D (65)	CU		CACOCUN 1	143.25	0.00	0.00	1.33	5.22	19645.23g	220.53	19424.70
CMKB-D (70)	CU		CACOCUN 1	143.27	0.00	0.00	1.32	4.94	18688.03g	220.57	18467.47
CMKB-D (75)	CU		CACOCUN 1	143.40	0.00	0.00	1.31	6.27	23864.39g	220.86	23643.53
CMKB-D (80)	CU		CACOCUN 1	143.36	0.00	0.00	1.31	5.92	22640.22g	220.76	22419.46
CMKB-D (85)	CU		CACOCUN 1	143.26	0.00	0.00	1.30	6.27	24189.44g	220.55	23968.89
CMKB-D (90)	CU		CACOCUN 1	142.65	0.00	0.00	1.27	3.96	15586.63g	219.19	15367.43
CMKB-D (95)	CU		CACOCUN 1	142.13	0.00	0.00	1.24	1.18	4769.64s	217.98	4551.66
CMKB-D (100)	CU		CACOCUN 1	142.03	0.00	0.00	1.22	1.18	4842.37s	217.76	4624.62
CMKB-D (105)	CU		CACOCUN 1	141.61	0.00	0.00	1.18	1.18	4970.24s	216.76	4753.47
CMKB-D (110)	CU		CACOCUN 1	142.09	0.00	0.00	1.18	1.18	4999.33s	217.90	4781.43
CMKB-D (115)	CU		CACOCUN 1	142.73	0.00	0.00	1.19	1.18	4950.15s	219.38	4730.78
CMKB-D (120)	CU		CACOCUN 1	143.11	0.00	0.00	1.20	1.18	4936.46s	220.22	4716.24
CMKB-D (125)	CU		CACOCUN 1	143.44	0.00	0.00	1.20	1.17	4907.17s	220.95	4686.22
CMKB-D (130)	CU		CACOCUN 1	143.78	0.00	0.00	1.20	1.17	4858.96s	221.68	4637.27
CMKB-D (135)	CU		CACOCUN 1	144.07	0.00	0.00	1.21	1.19	4931.30s	222.29	4709.02
CMKB-D (140)	CU		CACOCUN 1	144.32	0.00	0.00	1.21	1.20	4949.64s	222.81	4726.83
CMKB-D (145)	CU		CACOCUN 1	144.55	0.00	0.00	1.22	1.41	5755.52g	223.28	5532.24
CMKB-D (150)	CU		CACOCUN 1	144.75	0.00	0.00	1.23	1.67	6788.41g	223.67	6564.74
CMKB-D (155)	CU		CACOCUN 1	144.91	0.00	0.00	1.23	1.70	6887.87g	224.00	6663.87
CMKB-D (160)	CU		CACOCUN 1	145.06	0.00	0.00	1.24	1.83	7407.99g	224.29	7183.70
CMKB-D (165)	CU		CACOCUN 1	145.20	0.00	0.00	1.24	1.88	7564.40g	224.57	7339.84
CMKB-D (170)	CU		CACOCUN 1	145.34	0.00	0.00	1.24	1.95	7849.19g	224.83	7624.36
CMKB-D (175)	CU		CACOCUN 1	145.47	0.00	0.00	1.25	1.97	7903.57g	225.08	7678.49
CMKB-D (180)	CU		CACOCUN 1	145.60	0.00	0.00	1.25	1.81	7239.48g	225.32	7014.16
CMKB-D (185)	CU		CACOCUN 1	145.73	0.00	0.00	1.25	1.71	6827.30g	225.57	6601.73
CMKB-D (190)	CU		CACOCUN 1	145.87	0.00	0.00	1.26	1.60	6378.29g	225.81	6152.47
CMKB-D (195)	CU		CACOCUN 1	146.01	0.00	0.00	1.26	1.48	5882.05g	226.08	5655.97
CMKB-D (200)	CU		CACOCUN 1	146.17	0.00	0.00	1.26	1.29	5127.97g	226.36	4901.61
CMKB-D (205)	CU		CACOCUN 1	146.34	0.00	0.00	1.27	1.11	4371.36g	226.67	4144.69
CMKB-D (210)	CU		CACOCUN 1	146.53	0.00	0.00	1.27	1.19	4694.23s	227.00	4467.23
CMKB-D (215)	CU		CACOCUN 1	146.75	0.00	0.00	1.27	1.20	4723.39s	227.38	4496.01
CMKB-D (220)	CU		CACOCUN 1	147.01	0.00	0.00	1.28	1.20	4695.60s	227.81	4467.78
CMKB-D (225)	CU		CACOCUN 1	147.33	0.00	0.00	1.28	1.19	4639.45s	228.32	4411.12
CMKB-D (230)	CU		CACOCUN 1	147.72	0.00	0.00	1.29	1.17	4528.23s	228.94	4299.28
CMKB-D (235)	CU		CACOCUN 1	148.16	0.00	0.00	1.30	1.18	4558.90s	229.61	4329.29
CMKB-D (240)	CU		CACOCUN 1	148.00	0.00	0.00	1.31	1.18	4476.84s	229.36	4247.47
CMKB-D (245)	CU		CACOCUN 1	147.07	0.00	0.00	1.33	1.65	6213.65g	227.91	5985.75
CMKB-D (250)	CU		CACOCUN 1	146.65	0.00	0.00	1.34	2.03	7581.12g	227.20	7353.92
CMKB-D (255)	CU		CACOCUN 1	146.74	0.00	0.00	1.35	1.93	7168.99g	227.35	6941.64
CMKB-D (260)	CU		CACOCUN 1	146.84	0.00	0.00	1.36	1.80	6635.08g	227.52	6407.56
CMKB-D (265)	CU		CACOCUN 1	148.96	0.00	0.00	1.40	1.18	4214.62s	230.72	3983.90
CMKB-D (270)	CU		CACOCUN 1	149.49	0.00	0.00	1.43	1.17	4080.64s	231.40	3849.24
CMKB-D (275)	CU		CACOCUN 1	150.15	0.00	0.00	1.48	1.16	3906.26s	232.18	3674.08
CMKB-D (280)	CU		CACOCUN 1	161.36	0.00	0.00	1.91	0.67	1760.84s	233.48	1527.36
CMKB-D (285)	CU		CACOCUN 1	159.61	0.00	0.00	2.00	0.72	1811.86s	234.75	1577.11
CMKB-D (290)	CU		CACOCUN 1	157.14	0.00	0.00	2.03	0.80	1970.53s	235.63	1734.90
CMKB-D (295)	CU		CACOCUN 1	154.50	0.00	0.00	2.01	0.90	2233.61s	235.37	1998.24



**Exhibit 16.1****Tabulation of Proposed Nighttime Allocation**

Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
CMKB-D (300)	CU		CACOCUN 1	152.05	0.00	0.00	1.95	0.97	2502.82s	234.00	2268.82
CMKB-D (305)	CU		CACOCUN 1	149.10	0.00	0.00	1.76	1.09	3108.93s	230.91	2878.02
CMKB-D (310)	CU		CACOCUN 1	147.77	0.00	0.00	1.69	1.14	3380.90s	229.01	3151.89
CMKB-D (315)	CU		CACOCUN 1	146.64	0.00	0.00	1.61	1.17	3632.48s	227.19	3405.29
CMKB-D (320)	CU		CACOCUN 1	145.57	0.00	0.00	1.47	2.51	8552.93g	225.26	8327.68
CMKB-D (325)	CU		CACOCUN 1	145.22	0.00	0.00	1.44	4.59	15969.33g	224.60	15744.73
CMKB-D (330)	CU		CACOCUN 1	145.01	0.00	0.00	1.42	7.16	25239.80g	224.20	25015.60
CMKB-D (335)	CU		CACOCUN 1	144.87	0.00	0.00	1.41	9.93	35347.89g	223.91	35123.98
CMKB-D (340)	CU		CACOCUN 1	144.75	0.00	0.00	1.40	11.36	40654.06g	223.68	40430.37
CMKB-D (345)	CU		CACOCUN 1	144.65	0.00	0.00	1.39	10.42	37406.48g	223.47	37183.01
CMKB-D (350)	CU		CACOCUN 1	144.55	0.00	0.00	1.39	11.26	40477.50g	223.27	40254.23
CMKB-D (355)	CU		CACOCUN 1	144.46	0.00	0.00	1.39	11.92	42949.21g	223.08	42726.12
KBIF.L	US	CA	FRESNO	256.89	0.00	0.21	7.08	2.80	1978.26	393.48	1584.78
50% = 10.71, 25% = 11.201; XEW1/A=10.71 KDXU.L=3.28											
WIAM.L	US	NC	WILLIAMSTON	121.56	1.09	4.28	13.72	4.89	1782.57	169.60	1612.97
50% = 15.041, 25% = 19.569; WNMB.L=11.59 XEW1/A=9.59 WAYN.L=6.64 CKTS/A=6.28 WCPA.L=6.15 WJWL.L=5.95											
KCJB.L	US	ND	MINOT	302.31	9.54	16.53	50.03	1.93	1925.28	279.08	1646.20
50% = 6.783, 25% = 7.706; WSUI.L=6.01 KWDZ.L=3.14 KJQJ.L=3.00 KPOF.L=2.09											
WGOK.L	US	AL	MOBILE	163.23	1.29	4.55	17.00	6.76	1987.11	231.52	1755.59
50% = 27.028, 25% = 27.028; XEW1/A=27.03											
WJWL.L	US	DE	GEORGETOWN	109.55	1.48	4.81	13.58	5.42	1995.85	174.02	1821.83
50% = 20.405, 25% = 21.69; CHML/A=13.19 CKTS/A=11.77 WCPA.L=10.20 XEW1/A=7.36											
WFDF.A	US	MI	FARMINGTON HILL	109.46	7.86	14.03	44.21	1.88	2120.99	172.04	1948.95
50% = 5.854, 25% = 7.501; KVIS.L=3.09 WGBI.L=2.95 WSBA.L=2.89 WFDF.L=2.77 WJCW.L=2.61 WRNL.L=2.58											
HJMY-A=2.16 WALT.L=1.96											
WFDF.A	US	MI	FARMINGTON HILL	109.46	7.86	14.03	44.21	1.88	2120.99	172.04	1948.95
50% = 5.854, 25% = 7.501; KVIS.L=3.09 WGBI.L=2.95 WSBA.L=2.89 WFDF.L=2.77 WJCW.L=2.61 WRNL.L=2.58											
HJMY-A=2.16 WALT.L=1.96											
KVIS.L	US	OK	MIAMI	190.14	6.90	12.60	43.99	1.93	2190.16	167.21	2022.95
50% = 6.242, 25% = 7.708; KXEB.L=4.63 WALT.L=4.19 HJMY-A=2.89 KPOF.L=2.63 WSUI.L=2.29											
NEW/	CA	BC	PENTICTON	293.57	0.66	0.66	9.57	5.37	2807.19	361.15	2446.04
50% = 10.744, 25% = 10.744; CKMO/A=7.69 CKBI/ =7.51											
NEW.A	US	AS	LEONE	251.33	0.00	0.00	1.06	0.63	2989.39	363.64	2625.75
50% = 2.269, 25% = 2.524; XEW1/A=2.27 KNUI.L=1.10											
NEW.A	US	AS	LEONE	251.33	0.00	0.00	1.06	0.63	2989.39	363.64	2625.75
50% = 2.269, 25% = 2.524; XEW1/A=2.27 KNUI.L=1.10											
KNUI.L	US	HI	KAHULUI	266.99	0.00	0.00	1.25	0.86	3436.17	430.32	3005.85
50% = 3.293, 25% = 3.439; XEW1/A=3.29 CKMO/A=0.99											
KXEB.L	US	TX	FRISCO	195.75	3.03	6.97	23.75	1.89	3970.00	156.19	3813.81
50% = 6.202, 25% = 7.543; WALT.L=4.08 HJMY-A=3.58 XEW1/A=2.99 KARN.L=2.78 KPOF.L=2.41 KRIO.L=2.21											
WALT.L	US	MS	MERIDIAN	163.65	2.41	6.09	20.86	1.79	4300.79	230.74	4070.05
50% = 5.55, 25% = 7.178; HJMY-A=4.95 WFVR.L=2.52 XEW1/A=2.39 KVIS.L=2.06 KRIO.L=1.93 WJCW.L=1.91											
WNDC.L=1.84											
WJCW.L	US	TN	JOHNSON CITY	133.51	3.38	7.47	22.87	2.18	4764.54	194.21	4570.33
50% = 7.508, 25% = 8.903; WSPA.L=4.89 WALT.L=4.39 HJMY-A=3.63 WSBA.L=2.81 WGBI.L=2.31 WFVR.L=2.21											
WTMZ.L=2.18											
KDXU.L	US	UT	ST. GEORGE	249.98	0.00	2.72	11.18	1.36	6093.89	355.74	5738.14
50% = 4.791, 25% = 5.451; WLS.L=4.79 KRVN.L=2.21 XEW1/A=1.36											

**Exhibit 16.1****Tabulation of Proposed Nighttime Allocation**

Call Letters	Ct	St	City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
KWDZ.L	US	UT	SALT LAKE CITY	258.88	1.39	4.69	14.18	1.89	6681.86	402.59	6279.27
50% = 5.94, 25% = 7.579; KPOF.L=5.17 KGME.L=2.93 KNEW.L=2.68 KOTK.L=2.57 KCJB.L=2.08 KRAK.L=2.02											
NEW.A	US	CO	FOUNTAIN	237.57	4.14	8.57	26.71	3.50	6557.52	276.97	6280.55
50% = 14.013, 25% = 14.013; WLS.L=10.83 KRVN.L=8.89											
NEW.A	US	CO	FOUNTAIN	237.44	4.15	8.58	26.76	3.51	6567.58	276.17	6291.40
50% = 14.059, 25% = 14.059; WLS.L=10.86 KRVN.L=8.92											
WGBI.L	US	PA	SCRANTON	99.92	2.37	6.05	15.23	1.99	6529.95	189.28	6340.67
50% = 6.2, 25% = 7.957; WRKL.L=4.02 WSBA.L=3.48 CHML/A=3.19 WLAT.L=2.53 WRNL.L=2.31 HJMY-A=2.21 CKLY/ =2.04 WJCW.L=2.01											
WRNL.L	US	VA	RICHMOND	117.10	1.95	5.45	15.87	2.07	6531.92	167.55	6364.36
50% = 6.794, 25% = 8.314; WGBI.L=5.09 WSBA.L=3.19 HJMY-A=3.17 WSRP.L=3.08 WSPA.L=2.16 WTWD.L=2.12 WALT.L=2.07											
NEW.A	US	NM	BERNALILLO	231.64	1.76	5.20	17.63	2.35	6678.44	240.82	6437.62
50% = 9.42, 25% = 9.42; WLS.L=8.29 KRVN.L=4.47											
CKDH/	CA	NS	AMHERST	77.27	0.00	0.00	7.63	10.41	6823.37	182.92	6640.44
50% = 20.824, 25% = 22.555; CJBR/A=20.82 CKTS/A=8.66											
WSBA.L	US	PA	YORK	106.98	2.47	6.18	16.46	2.54	7698.85	177.85	7521.00
50% = 9.377, 25% = 10.191; WGBI.L=9.38 WRNL.L=3.09 HJMY-A=2.54											
KBIM.L	US	NM	ROSWELL	221.57	1.42	4.73	17.07	2.65	7749.42	188.48	7560.95
50% = 8.553, 25% = 10.582; KVIS.L=5.95 KXEB.L=4.46 KPOF.L=4.23 KWDZ.L=3.82 KRIO.L=3.08 XEW1/A=2.73 KGME.L=2.69											
850729AQ.A	US	TX	ANTHONY	224.23	0.25	3.15	13.58	2.15	7913.38	200.60	7712.78
50% = 7.111, 25% = 8.752; WLS.L=7.11 XEW1/A=2.93 KRVN.L=2.83 KDXU.L=2.20 KVOZ.L=2.15											
850729AQ.A	US	TX	ANTHONY	224.23	0.25	3.15	13.58	2.15	7913.38	200.60	7712.78
50% = 7.111, 25% = 8.752; WLS.L=7.11 XEW1/A=2.93 KRVN.L=2.83 KDXU.L=2.20 KVOZ.L=2.15											
KNEW.C	US	CA	OAKLAND	262.35	0.00	0.00	6.00	1.05	8753.59	416.74	8336.85
50% = 3.426, 25% = 4.278; KVIN.L=3.00 KIHML=1.65 XEAO/A=1.52 KBIF.L=1.26 KPOF.L=1.24 HJMY-A=1.05											
KNEW.L	US	CA	OAKLAND	262.35	0.00	0.00	6.00	1.05	8754.21	416.74	8337.47
50% = 3.426, 25% = 4.278; KVIN.L=3.00 KIHML=1.65 XEAO/A=1.52 KBIF.L=1.26 KPOF.L=1.24 HJMY-A=1.05											

# Exhibit 16.2

## PROPOSED NIGHTTIME RSS LIMITATIONS

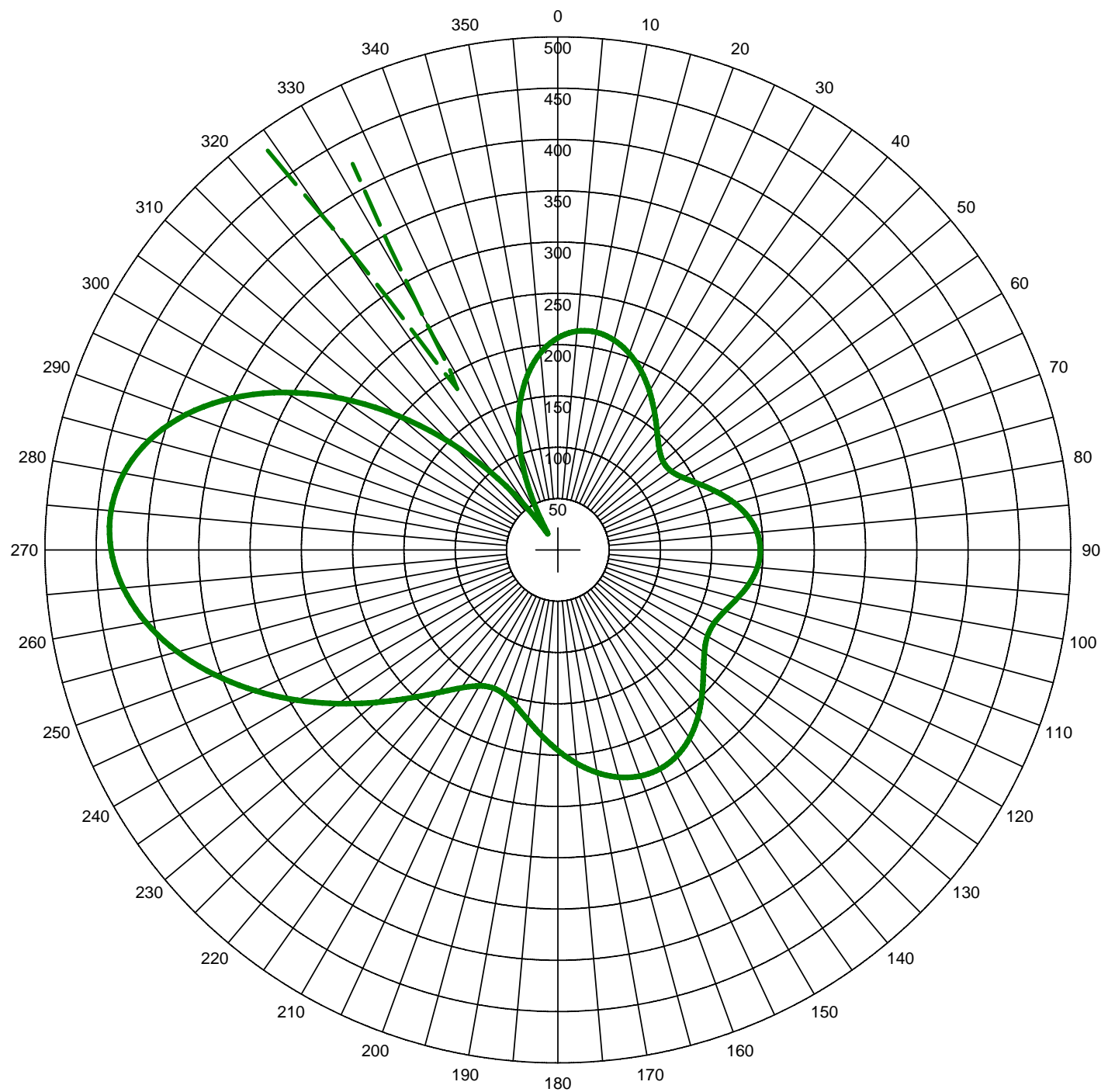
Call: KTIS.L  
 Freq: 900 kHz  
 MINNEAPOLIS, MN, US  
 Lat: 44-59-24 N  
 Lng: 092-58-54 W  
 Power: 0.3 kW  
 Theo RMS: 179.00 mV/m @ 1km  
 Standard: FCC Rules (1992 Skywave Propagation Model) [ 10% ]  
 Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta Min (deg)	Max (deg)	Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	(%)	RSS Limit (mV/m)
XEW1/A	0900	MEXICO CITY	DF	MX	2910.1	9.9	0.0	0.0	5724.20	7.05	8.068	100.0	8.068
CHML/A	0900	HAMILTON	ON	CA	1079.4	285.3	5.2	10.0	1072.99	26.46	5.677	70.4	9.865 50%
WLS.L	0890	CHICAGO	IL	US	564.1	314.3	13.0	21.7	2481.61	86.11	4.274	43.3	10.751
WSUI.L	0910	IOWA CITY	IA	US	403.5	343.2	18.7	29.7	1224.50	138.34	3.388	31.5	11.272 25%
XEWB1/A	0900	MONTERREY	VC	MX	2880.5	5.1	0.0	0.0	966.74	7.17	1.386	12.3	11.357
CKVD/A	0900	VAL-D'OR	QC	CA	1215.4	259.3	4.0	8.4	376.96	16.84	1.270	11.2	11.428
CKBI/	0900	PRINCE ALBERT	SK	CA	1292.8	129.1	3.4	7.6	458.43	13.10	1.201	10.5	11.491
WILC.L	0900	LAUREL	MD	US	1482.4	301.5	2.2	5.8	333.93	16.00	1.068	9.3	11.540
KJJQ.L	0910	VOLGA	SD	US	325.1	74.0	23.1	35.6	264.47	174.33	0.922	8.0	11.577
WGOK.L	0900	MOBILE	AL	US	1644.7	346.3	1.3	4.6	267.69	17.00	0.910	7.9	11.613
WKXV.L	0900	KNOXVILLE	TN	US	1255.9	325.6	3.7	7.9	154.84	24.81	0.768	6.6	11.638
WJTH.L	0900	CALHOUN	GA	US	1357.9	332.0	3.0	6.9	154.92	22.28	0.690	5.9	11.659
WYCV.L	0900	GRANITE FALLS	NC	US	1413.6	319.9	2.6	6.4	144.94	19.76	0.573	4.9	11.673
WAYN.L	0900	ROCKINGHAM	NC	US	1585.1	318.9	1.6	5.0	163.92	16.08	0.527	4.5	11.685
WIAM.L	0900	WILLIAMSTON	NC	US	1683.3	312.0	1.1	4.3	149.53	13.72	0.410	3.5	11.692
WFDF.L	0910	FLINT	MI	US	780.9	289.9	8.7	15.2	406.04	48.82	0.396	3.4	11.699
WJWL.L	0900	GEORGETOWN	DE	US	1609.8	301.3	1.5	4.8	102.16	13.58	0.278	2.4	11.702
CKLY/A	0910	LINDSAY	ON	CA	1131.3	279.0	4.7	9.4	498.52	23.10	0.230	2.0	11.704

Call: KTIS.p  
 Freq: 900 kHz  
 MINNEAPOLIS, MN, US  
 Lat: 44-59-24 N  
 Lng: 092-58-52 W  
 Power: 0.5 kW  
 Theo RMS: 221.02 mV/m @ 1km  
 Standard: FCC Rules (1992 Skywave Propagation Model) [ 10% ]  
 Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta Min (deg)	Max (deg)	Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	(%)	RSS Limit (mV/m)
XEW1/A	0900	MEXICO CITY	DF	MX	2910.1	9.9	0.0	0.0	5724.20	7.05	8.068	100.0	8.068
CHML/A	0900	HAMILTON	ON	CA	1079.4	285.3	5.2	10.0	1073.00	26.46	5.678	70.4	9.865 50%
WLS.L	0890	CHICAGO	IL	US	564.1	314.3	13.0	21.7	2481.61	86.11	4.274	43.3	10.751
WSUI.L	0910	IOWA CITY	IA	US	403.5	343.3	18.7	29.7	1224.52	138.35	3.388	31.5	11.273 25%
XEWB1/A	0900	MONTERREY	VC	MX	2880.5	5.1	0.0	0.0	966.74	7.17	1.386	12.3	11.357
CKVD/A	0900	VAL-D'OR	QC	CA	1215.4	259.3	4.0	8.4	376.95	16.84	1.270	11.2	11.428
CKBI/	0900	PRINCE ALBERT	SK	CA	1292.8	129.1	3.4	7.6	458.45	13.10	1.201	10.5	11.491
WILC.L	0900	LAUREL	MD	US	1482.4	301.5	2.2	5.8	333.93	16.00	1.068	9.3	11.541
KJJQ.L	0910	VOLGA	SD	US	325.1	74.0	23.1	35.6	264.46	174.30	0.922	8.0	11.578
WGOK.L	0900	MOBILE	AL	US	1644.7	346.3	1.3	4.6	267.69	17.00	0.910	7.9	11.613
WKXV.L	0900	KNOXVILLE	TN	US	1255.9	325.6	3.7	7.9	154.84	24.81	0.768	6.6	11.639
WJTH.L	0900	CALHOUN	GA	US	1357.9	332.0	3.0	6.9	154.92	22.28	0.690	5.9	11.659
WYCV.L	0900	GRANITE FALLS	NC	US	1413.6	319.9	2.6	6.4	144.94	19.76	0.573	4.9	11.673
WAYN.L	0900	ROCKINGHAM	NC	US	1585.1	318.9	1.6	5.0	163.92	16.08	0.527	4.5	11.685
WIAM.L	0900	WILLIAMSTON	NC	US	1683.3	312.0	1.1	4.3	149.53	13.72	0.410	3.5	11.692
WFDF.L	0910	FLINT	MI	US	780.9	289.9	8.7	15.3	406.05	48.82	0.396	3.4	11.699
WJWL.L	0900	GEORGETOWN	DE	US	1609.8	301.3	1.5	4.8	102.16	13.58	0.278	2.4	11.702
CKLY/A	0910	LINDSAY	ON	CA	1131.2	279.0	4.7	9.4	498.52	23.11	0.230	2.0	11.705

Exhibit 16.3 - Proposed Nighttime Directional Standard Pattern



Theo RMS: 221.025 mV/m@1km  
Std RMS: 232.313 mV/m@1km  
Q: 10.0 mV/m@1km

Horizontal Plane Standard Pattern

—— Pattern (mV/m @ 1km)  
- - - Pattern X10

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.551	-112.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	180.0	35.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.457	5.2	90.0	125.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.229	171.6	180.0	35.0	90.0	1	0	0.0	0.0	0.0	0.0

Call: KTIS.p  
Freq: 900 kHz  
MINNEAPOLIS, MN, US  
Lat: 44-59-24 N  
Lng: 092-58-52 W  
Power: 0.5 kW  
Theo RMS: 221.02 mV/m @ 1km

**Munn-Reese, Inc.**  
Broadcast Engineering Consultants  
Coldwater, MI 49036

**Exhibit 16.4****Tabulation of Proposed Nighttime Directional Standard Pattern**

Call: KTIS.p  
 Freq: 900 kHz  
 MINNEAPOLIS, MN, US  
 Lat: 44-59-24 N  
 Lng: 092-58-52 W  
 Power: 0.5 kW  
 Theo RMS: 221.02 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.551	-112.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	180.0	35.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.457	5.2	90.0	125.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.229	171.6	180.0	35.0	90.0	1	0	0.0	0.0	0.0	0.0

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Standard Horizontal Plane Pattern

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	206.65	120.0	168.38	240.0	292.96
5.0	213.98	125.0	174.40	245.0	324.99
10.0	215.41	130.0	185.33	250.0	355.85
15.0	211.69	135.0	198.87	255.0	383.92
20.0	203.65	140.0	212.45	260.0	407.59
25.0	192.27	145.0	223.94	265.0	425.27
30.0	178.67	150.0	231.89	270.0	435.55
35.0	164.20	155.0	235.50	275.0	437.29
40.0	150.56	160.0	234.56	280.0	429.71
45.0	139.78	165.0	229.34	285.0	412.48
50.0	133.95	170.0	220.47	290.0	385.75
55.0	134.41	175.0	208.82	295.0	350.17
60.0	141.00	180.0	195.46	300.0	306.87
65.0	152.04	185.0	181.58	305.0	257.36
70.0	165.09	190.0	168.47	310.0	203.47
75.0	177.80	195.0	157.60	315.0	147.24
80.0	188.23	200.0	150.49	320.0	90.96
85.0	195.02	205.0	148.62	325.0	38.27
90.0	197.40	210.0	153.08	330.0	26.29
95.0	195.31	215.0	164.20	335.0	68.84
100.0	189.47	220.0	181.57	340.0	109.60
105.0	181.42	225.0	204.31	345.0	144.29
110.0	173.46	230.0	231.27	350.0	172.10
115.0	168.35	235.0	261.26	355.0	192.83

**Exhibit 16.4****Tabulation of Proposed Nighttime Directional Standard Pattern**

Standard Pattern Calculated at 5.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	203.38	120.0	167.76	240.0	292.15
5.0	210.72	125.0	173.68	245.0	323.78
10.0	212.23	130.0	184.39	250.0	354.22
15.0	208.62	135.0	197.65	255.0	381.89
20.0	200.75	140.0	210.97	260.0	405.20
25.0	189.55	145.0	222.26	265.0	422.58
30.0	176.16	150.0	230.08	270.0	432.65
35.0	161.91	155.0	233.63	275.0	434.27
40.0	148.50	160.0	232.73	280.0	426.70
45.0	137.95	165.0	227.62	285.0	409.59
50.0	132.31	170.0	218.92	290.0	383.11
55.0	132.91	175.0	207.49	295.0	347.90
60.0	139.55	180.0	194.39	300.0	305.06
65.0	150.55	185.0	180.79	305.0	256.10
70.0	163.53	190.0	167.98	310.0	202.80
75.0	176.15	195.0	157.40	315.0	147.19
80.0	186.51	200.0	150.57	320.0	91.50
85.0	193.28	205.0	148.92	325.0	39.22
90.0	195.71	210.0	153.51	330.0	24.94
95.0	193.75	215.0	164.65	335.0	66.68
100.0	188.11	220.0	181.93	340.0	107.02
105.0	180.31	225.0	204.47	345.0	141.41
110.0	172.61	230.0	231.17	350.0	169.00
115.0	167.68	235.0	260.82	355.0	189.60

Standard Pattern Calculated at 10.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	193.71	120.0	165.91	240.0	289.64
5.0	201.10	125.0	171.53	245.0	320.09
10.0	202.82	130.0	181.61	250.0	349.33
15.0	199.57	135.0	194.08	255.0	375.84
20.0	192.16	140.0	206.65	260.0	398.09
25.0	181.52	145.0	217.33	265.0	414.59
30.0	168.75	150.0	224.76	270.0	424.03
35.0	155.17	155.0	228.18	275.0	425.33
40.0	142.45	160.0	227.38	280.0	417.76
45.0	132.57	165.0	222.58	285.0	401.03
50.0	127.50	170.0	214.38	290.0	375.29
55.0	128.49	175.0	203.60	295.0	341.16
60.0	135.28	180.0	191.25	300.0	299.69
65.0	146.20	185.0	178.48	305.0	252.32
70.0	158.94	190.0	166.54	310.0	200.77
75.0	171.29	195.0	156.83	315.0	146.97
80.0	181.45	200.0	150.79	320.0	93.04
85.0	188.16	205.0	149.79	325.0	42.05
90.0	190.75	210.0	154.73	330.0	21.34
95.0	189.17	215.0	165.90	335.0	60.35
100.0	184.12	220.0	182.89	340.0	99.46
105.0	177.04	225.0	204.86	345.0	132.93
110.0	170.07	230.0	230.75	350.0	159.88
115.0	165.67	235.0	259.42	355.0	180.10

**Exhibit 16.4****Tabulation of Proposed Nighttime Directional Standard Pattern**

Standard Pattern Calculated at 15.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	178.18	120.0	162.83	240.0	285.29
5.0	185.62	125.0	168.01	245.0	313.84
10.0	187.66	130.0	177.12	250.0	341.15
15.0	184.97	135.0	188.38	255.0	365.81
20.0	178.31	140.0	199.77	260.0	386.39
25.0	168.56	145.0	209.50	265.0	401.51
30.0	156.79	150.0	216.32	270.0	409.96
35.0	144.30	155.0	219.52	275.0	410.75
40.0	132.70	160.0	218.87	280.0	403.23
45.0	123.91	165.0	214.58	285.0	387.12
50.0	119.79	170.0	207.18	290.0	362.58
55.0	121.43	175.0	197.43	295.0	330.18
60.0	128.46	180.0	186.28	300.0	290.91
65.0	139.24	185.0	174.83	305.0	246.11
70.0	151.62	190.0	164.27	310.0	197.37
75.0	163.55	195.0	155.93	315.0	146.49
80.0	173.39	200.0	151.13	320.0	95.40
85.0	180.02	205.0	151.07	325.0	46.65
90.0	182.85	210.0	156.52	330.0	17.24
95.0	181.87	215.0	167.68	335.0	50.38
100.0	177.75	220.0	184.16	340.0	87.43
105.0	171.80	225.0	205.17	345.0	119.39
110.0	165.95	230.0	229.76	350.0	145.28
115.0	162.36	235.0	256.85	355.0	164.85

Standard Pattern Calculated at 20.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	157.62	120.0	158.58	240.0	278.86
5.0	165.07	125.0	163.22	245.0	304.91
10.0	167.52	130.0	171.13	250.0	329.69
15.0	165.54	135.0	180.89	255.0	351.93
20.0	159.85	140.0	190.79	260.0	370.34
25.0	151.29	145.0	199.31	265.0	383.68
30.0	140.87	150.0	205.35	270.0	390.88
35.0	129.85	155.0	208.25	275.0	391.05
40.0	119.78	160.0	207.80	280.0	383.63
45.0	112.48	165.0	204.16	285.0	368.37
50.0	109.65	170.0	197.79	290.0	345.43
55.0	112.16	175.0	189.38	295.0	315.34
60.0	119.52	180.0	179.82	300.0	278.99
65.0	130.13	185.0	170.09	305.0	237.59
70.0	142.03	190.0	161.34	310.0	192.57
75.0	153.42	195.0	154.73	315.0	145.55
80.0	162.86	200.0	151.46	320.0	98.25
85.0	169.40	205.0	152.52	325.0	52.73
90.0	172.54	210.0	158.51	330.0	16.83
95.0	172.33	215.0	169.55	335.0	37.64
100.0	169.38	220.0	185.26	340.0	71.74
105.0	164.85	225.0	204.96	345.0	101.64
110.0	160.39	230.0	227.79	350.0	126.07
115.0	157.81	235.0	252.77	355.0	144.71

**Exhibit 16.4****Tabulation of Proposed Nighttime Directional Standard Pattern**

Standard Pattern					
Calculated at 25.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	133.15	120.0	153.18	240.0	270.08
5.0	140.55	125.0	157.25	245.0	293.16
10.0	143.41	130.0	163.89	250.0	314.98
15.0	142.25	135.0	172.00	255.0	334.40
20.0	137.71	140.0	180.25	260.0	350.29
25.0	130.57	145.0	187.41	265.0	361.59
30.0	121.79	150.0	192.56	270.0	367.37
35.0	112.57	155.0	195.12	275.0	366.88
40.0	104.40	160.0	194.88	280.0	359.63
45.0	98.96	165.0	191.99	285.0	345.43
50.0	97.73	170.0	186.82	290.0	324.44
55.0	101.31	175.0	179.99	295.0	297.12
60.0	109.06	180.0	172.27	300.0	264.26
65.0	119.46	185.0	164.56	305.0	226.91
70.0	130.80	190.0	157.86	310.0	186.34
75.0	141.55	195.0	153.20	315.0	143.93
80.0	150.53	200.0	151.57	320.0	101.18
85.0	156.96	205.0	153.76	325.0	59.75
90.0	160.47	210.0	160.20	330.0	23.03
95.0	161.13	215.0	170.93	335.0	23.72
100.0	159.49	220.0	185.62	340.0	53.51
105.0	156.53	225.0	203.68	345.0	80.80
110.0	153.59	230.0	224.36	350.0	103.37
115.0	152.09	235.0	246.81	355.0	120.83

Standard Pattern					
Calculated at 30.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	106.12	120.0	146.68	240.0	258.72
5.0	113.36	125.0	150.22	245.0	278.55
10.0	116.61	130.0	155.61	250.0	297.13
15.0	116.31	135.0	162.10	255.0	313.49
20.0	113.03	140.0	168.70	260.0	326.69
25.0	107.49	145.0	174.48	265.0	335.83
30.0	100.58	150.0	178.70	270.0	340.15
35.0	93.46	155.0	180.90	275.0	339.02
40.0	87.51	160.0	180.91	280.0	332.05
45.0	84.27	165.0	178.81	285.0	319.11
50.0	84.90	170.0	174.93	290.0	300.33
55.0	89.68	175.0	169.78	295.0	276.11
60.0	97.83	180.0	164.04	300.0	247.14
65.0	107.97	185.0	158.46	305.0	214.29
70.0	118.67	190.0	153.89	310.0	178.64
75.0	128.70	195.0	151.19	315.0	141.37
80.0	137.17	200.0	151.13	320.0	103.72
85.0	143.47	205.0	154.30	325.0	67.02
90.0	147.35	210.0	160.98	330.0	33.07
95.0	148.90	215.0	171.18	335.0	13.41
100.0	148.58	220.0	184.60	340.0	34.20
105.0	147.18	225.0	200.74	345.0	58.22
110.0	145.73	230.0	218.97	350.0	78.57
115.0	145.29	235.0	238.57	355.0	94.57



**Exhibit 16.4****Tabulation of Proposed Nighttime Directional Standard Pattern**

Standard Pattern					
Calculated at 35.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	78.07	120.0	139.15	240.0	244.64
5.0	85.03	125.0	142.22	245.0	261.09
10.0	88.60	130.0	146.51	250.0	276.34
15.0	89.14	135.0	151.53	255.0	289.60
20.0	87.17	140.0	156.62	260.0	300.10
25.0	83.34	145.0	161.12	265.0	307.11
30.0	78.51	150.0	164.47	270.0	310.02
35.0	73.74	155.0	166.34	275.0	308.35
40.0	70.34	160.0	166.59	280.0	301.79
45.0	69.58	165.0	165.29	285.0	290.25
50.0	72.24	170.0	162.69	290.0	273.85
55.0	78.23	175.0	159.22	295.0	252.94
60.0	86.69	180.0	155.41	300.0	228.06
65.0	96.45	185.0	151.90	305.0	199.95
70.0	106.41	190.0	149.35	310.0	169.48
75.0	115.68	195.0	148.42	315.0	137.61
80.0	123.58	200.0	149.69	320.0	105.37
85.0	129.70	205.0	153.56	325.0	73.78
90.0	133.88	210.0	160.23	330.0	44.02
95.0	136.23	215.0	169.64	335.0	18.57
100.0	137.11	220.0	181.56	340.0	16.63
105.0	137.12	225.0	195.58	345.0	35.57
110.0	136.99	230.0	211.18	350.0	53.23
115.0	137.49	235.0	227.76	355.0	67.49

Standard Pattern					
Calculated at 40.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	50.74	120.0	130.65	240.0	227.82
5.0	57.24	125.0	133.33	245.0	240.95
10.0	61.01	130.0	136.72	250.0	252.96
15.0	62.36	135.0	140.54	255.0	263.23
20.0	61.72	140.0	144.36	260.0	271.16
25.0	59.72	145.0	147.76	265.0	276.20
30.0	57.15	150.0	150.39	270.0	277.86
35.0	55.04	155.0	151.99	275.0	275.80
40.0	54.49	160.0	152.48	280.0	269.78
45.0	56.39	165.0	151.91	285.0	259.74
50.0	61.04	170.0	150.50	290.0	245.80
55.0	68.01	175.0	148.56	295.0	228.24
60.0	76.53	180.0	146.50	300.0	207.49
65.0	85.71	185.0	144.81	305.0	184.14
70.0	94.80	190.0	143.98	310.0	158.86
75.0	103.20	195.0	144.49	315.0	132.43
80.0	110.46	200.0	146.73	320.0	105.64
85.0	116.31	205.0	150.97	325.0	79.29
90.0	120.67	210.0	157.32	330.0	54.21
95.0	123.63	215.0	165.72	335.0	31.39
100.0	125.47	220.0	175.97	340.0	13.79
105.0	126.61	225.0	187.76	345.0	15.91
110.0	127.55	230.0	200.66	350.0	29.28
115.0	128.77	235.0	214.20	355.0	41.37

**Exhibit 16.4****Tabulation of Proposed Nighttime Directional Standard Pattern**

Standard Pattern Calculated at 45.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	26.40	120.0	121.22	240.0	208.39
5.0	32.11	125.0	123.59	245.0	218.40
10.0	35.94	130.0	126.30	250.0	227.41
15.0	38.04	135.0	129.21	255.0	234.96
20.0	38.81	140.0	132.06	260.0	240.60
25.0	38.82	145.0	134.63	265.0	243.91
30.0	38.84	150.0	136.69	270.0	244.56
35.0	39.71	155.0	138.11	275.0	242.27
40.0	42.15	160.0	138.83	280.0	236.91
45.0	46.50	165.0	138.91	285.0	228.43
50.0	52.60	170.0	138.50	290.0	216.94
55.0	59.99	175.0	137.83	295.0	202.65
60.0	68.10	180.0	137.21	300.0	185.90
65.0	76.40	185.0	136.96	305.0	167.12
70.0	84.44	190.0	137.43	310.0	146.85
75.0	91.84	195.0	138.94	315.0	125.65
80.0	98.34	200.0	141.75	320.0	104.13
85.0	103.78	205.0	146.00	325.0	82.89
90.0	108.12	210.0	151.75	330.0	62.54
95.0	111.44	215.0	158.96	335.0	43.66
100.0	113.92	220.0	167.45	340.0	27.02
105.0	115.84	225.0	176.99	345.0	14.40
110.0	117.51	230.0	187.25	350.0	12.10
115.0	119.23	235.0	197.85	355.0	19.03

Standard Pattern Calculated at 50.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	12.87	120.0	110.93	240.0	186.64
5.0	15.09	125.0	113.04	245.0	193.88
10.0	17.91	130.0	115.27	250.0	200.26
15.0	20.44	135.0	117.53	255.0	205.47
20.0	22.65	140.0	119.71	260.0	209.17
25.0	24.89	145.0	121.69	265.0	211.08
30.0	27.60	150.0	123.37	270.0	210.96
35.0	31.17	155.0	124.68	275.0	208.65
40.0	35.77	160.0	125.60	280.0	204.04
45.0	41.36	165.0	126.18	285.0	197.12
50.0	47.74	170.0	126.54	290.0	187.97
55.0	54.64	175.0	126.81	295.0	176.75
60.0	61.78	180.0	127.22	300.0	163.71
65.0	68.86	185.0	127.97	305.0	149.18
70.0	75.63	190.0	129.27	310.0	133.52
75.0	81.90	195.0	131.33	315.0	117.16
80.0	87.50	200.0	134.29	320.0	100.52
85.0	92.35	205.0	138.24	325.0	84.06
90.0	96.44	210.0	143.19	330.0	68.20
95.0	99.80	215.0	149.09	335.0	53.34
100.0	102.56	220.0	155.82	340.0	39.89
105.0	104.89	225.0	163.20	345.0	28.28
110.0	106.94	230.0	170.99	350.0	19.15
115.0	108.91	235.0	178.90	355.0	13.67

**Exhibit 16.4****Tabulation of Proposed Nighttime Directional Standard Pattern**

Standard Pattern					
Calculated at 55.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	22.17	120.0	99.81	240.0	163.05
5.0	19.70	125.0	101.70	245.0	167.94
10.0	18.97	130.0	103.57	250.0	172.14
15.0	19.63	135.0	105.39	255.0	175.44
20.0	21.36	140.0	107.13	260.0	177.61
25.0	23.91	145.0	108.74	265.0	178.47
30.0	27.18	150.0	110.17	270.0	177.87
35.0	31.11	155.0	111.42	275.0	175.70
40.0	35.63	160.0	112.48	280.0	171.90
45.0	40.64	165.0	113.39	285.0	166.48
50.0	46.03	170.0	114.24	290.0	159.49
55.0	51.64	175.0	115.11	295.0	151.05
60.0	57.31	180.0	116.13	300.0	141.34
65.0	62.90	185.0	117.42	305.0	130.57
70.0	68.27	190.0	119.12	310.0	119.00
75.0	73.28	195.0	121.31	315.0	106.93
80.0	77.86	200.0	124.09	320.0	94.64
85.0	81.96	205.0	127.48	325.0	82.45
90.0	85.55	210.0	131.50	330.0	70.65
95.0	88.67	215.0	136.08	335.0	59.52
100.0	91.38	220.0	141.14	340.0	49.31
105.0	93.76	225.0	146.54	345.0	40.25
110.0	95.90	230.0	152.13	350.0	32.58
115.0	97.89	235.0	157.70	355.0	26.49

Standard Pattern					
Calculated at 60.0 Degrees Elevation					
Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	33.71	120.0	87.91	240.0	138.17
5.0	31.08	125.0	89.56	245.0	141.21
10.0	29.53	130.0	91.14	250.0	143.72
15.0	29.02	135.0	92.65	255.0	145.58
20.0	29.45	140.0	94.09	260.0	146.64
25.0	30.73	145.0	95.44	265.0	146.80
30.0	32.74	150.0	96.71	270.0	145.97
35.0	35.36	155.0	97.89	275.0	144.08
40.0	38.48	160.0	99.00	280.0	141.11
45.0	42.00	165.0	100.07	285.0	137.07
50.0	45.81	170.0	101.14	290.0	131.99
55.0	49.79	175.0	102.28	295.0	125.97
60.0	53.85	180.0	103.54	300.0	119.10
65.0	57.89	185.0	105.00	305.0	111.54
70.0	61.81	190.0	106.70	310.0	103.45
75.0	65.55	195.0	108.72	315.0	95.02
80.0	69.05	200.0	111.07	320.0	86.44
85.0	72.27	205.0	113.77	325.0	77.90
90.0	75.20	210.0	116.80	330.0	69.60
95.0	77.85	215.0	120.13	335.0	61.72
100.0	80.23	220.0	123.69	340.0	54.42
105.0	82.38	225.0	127.39	345.0	47.86
110.0	84.36	230.0	131.12	350.0	42.15
115.0	86.19	235.0	134.76	355.0	37.41

# Exhibit 16.5 Foreign Class A Skywave Contour Study

Present CKBI 0.5 mV/m (50%) Skywave Contour  
US-Canada Bilateral Agreement, Annex II Figure 4A

Present KTIS.L 0.025 mV/m (10%) Skywave Contour  
US-Canada Bilateral Agreement, Annex II Figure 4A

Proposed KTIS.p 0.025 mV/m (10%) Skywave Contour  
US-Canada Bilateral Agreement, Annex II Figure 4A

Proposed KTIS.p 0.025 mV/m (10%) Skywave Contour  
Region 2 Annex II Figure 4

Present KTIS.L 0.025 mV/m (10%) Skywave Contour  
Region 2 Annex II Figure 4

