

### Tabulation of Proposed nighttime Allocation

Call: WPON.P  
Freq: 1460 kHz  
WALLED LAKE, MI, US  
Hours: N  
Lat: 42-32-39 N  
Lng: 083-33-36 W  
Power: 0.58 kW  
Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	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)
WBRN.L	US	MI	BIG RAPIDS	309.24	35.35	49.68	279.91	12.880	230.08	230.02	0.06
50% = 25.225, 25% = 26.163; WKAM.L=13.62 WPON.L=12.88 KXNO.L=12.49 WBNS.L=11.35 WABQ.L=6.94											
WKAM.L	US	IN	GOSHEN	241.06	33.35	47.57	269.74	4.760	88.23	88.10	0.13
50% = 10.979, 25% = 12.854; WBNS.L=9.01 KXNO.L=6.27 WPON.L=4.76 WBRN.L=3.40 WJTI.L=3.24											
WBNS.L	US	OH	COLUMBUS	169.05	25.47	38.50	205.83	3.118	75.75	75.52	0.23
50% = 5.205, 25% = 7.706; WPON.L=3.12 WHIC.L=3.01 WABQ.L=2.88 WMBA.L=2.56 WXEM.L=2.25 WBCU.L=2.23 KXNO.L=2.08 WQOP.L=1.96 WKAM.L=1.96 WKDV.L=1.91											
WABQ.L	US	OH	PAINESVILLE	114.26	33.76	48.01	271.93	4.821	88.64	88.31	0.33
50% = 11.421, 25% = 13.437; WBNS.L=7.59 WTKT.L=6.80 WHIC.L=5.17 WPON.L=4.82 WKAM.L=3.89 WBRN.L=3.42											
WMBA.L	US	PA	AMBRIDGE	126.82	21.32	33.21	166.06	3.230	97.24	92.36	4.88
50% = 8.734, 25% = 10.95; WKDV.L=4.83 CJOY.O/ =4.39 WABQ.L=4.12 WBNS.L=4.08 WHIC.L=3.81 WPON.L=3.23 WKAM.L=3.13 WKHZ.L=2.98											
KXNO.L	US	IA	DES MOINES	266.45	7.99	14.21	48.32	1.152	119.26	112.00	7.25
50% = 3.533, 25% = 4.693; KAIR.L=2.70 WBNS.L=2.28 KMRV.L=1.37 WMBD.L=1.35 KTKC.L=1.29 KDMA.L=1.22 KHOJ.L=1.17 KCLE.L=1.15											
WHIC.L	US	NY	ROCHESTER	80.91	15.41	25.09	106.20	2.806	132.09	104.49	27.60
50% = 8.41, 25% = 10.358; WOPG.L=5.23 WZMF.L=5.16 WBNS.L=4.09 WMBA.L=3.50 WTKT.L=3.03 WPON.L=2.81 KXNO.L=2.70											
KHOJ.L	US	MO	ST. CHARLES	236.99	9.80	16.91	64.95	1.909	146.98	114.95	32.03
50% = 6.65, 25% = 7.861; WKAM.L=4.13 WBNS.L=3.71 KXNO.L=3.66 WMCJ.L=2.37 KTKC.L=2.11 WEWO.L=1.97 WJTI.L=1.91											
WJTI.L	US	WI	WEST ALLIS	279.57	20.49	32.11	154.45	5.918	191.57	151.34	40.23
50% = 20.704, 25% = 23.67; KXNO.L=20.70 WKAM.L=9.68 WBNS.L=6.16											
WTKT.L	US	PA	HARRISBURG	112.02	12.01	20.18	80.57	2.815	174.67	112.38	62.29
50% = 9.258, 25% = 11.58; WIFI.L=4.85 WZMF.L=4.71 WBNS.L=4.55 WHIC.L=4.39 WKHZ.L=3.99 WKDV.L=3.75 WMBA.L=3.24 WQOP.L=2.81											
CJOY.O/	CA	ON	GUELPH	67.64	32.88	32.88	177.44	6.490	182.88	116.09	66.79
50% = 14.456, 25% = 17.371; WHIC.L=10.23 KXNO.L=7.88 WBNS.L=6.49 WPON.L=5.78 WTKT.L=5.62 WZMF.L=5.27											
CJOY.O/A	CA	ON	GUELPH	67.64	32.88	32.88	177.44	6.490	182.88	116.09	66.79
50% = 14.456, 25% = 17.371; WHIC.L=10.23 KXNO.L=7.88 WBNS.L=6.49 WPON.L=5.78 WTKT.L=5.62 WZMF.L=5.27											
WZMF.L	US	PA	TUNKHANNOCK	97.32	11.32	19.16	72.93	3.206	219.82	110.06	109.76
50% = 11.594, 25% = 12.825; WTKT.L=7.83 WHIC.L=6.34 WOPG.L=5.75 WIFI.L=3.95 WBNS.L=3.80											
WOPG.L	US	NY	ALBANY	86.07	8.42	14.86	48.93	2.152	219.93	104.45	115.47
50% = 7.213, 25% = 8.635; WHIC.L=5.21 WZMF.L=3.75 WIFI.L=3.28 WBNS.L=2.56 WTKT.L=2.45 WKHZ.L=2.31 WKDV.L=2.15											

## Exhibit 18.1

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WFNT.L	US MI FLINT	352.22	71.41	78.51	444.36	1.851	208.25	44.20	164.05
50% = 5.497, 25% = 7.592; WMBD.L=4.06 CHOW.O/A=2.68 WHBC.L=2.55 WNYX.L=2.34 WTTR.L=2.23 KMNQ.L=2.22 WWBG.L=2.16 NEW.P POINTE CLAIRE/A=1.98 WLOA.L=1.85									
WKDV.L	US VA MANASSAS	127.59	10.78	18.36	72.19	4.231	293.00	95.97	197.03
50% = 13.623, 25% = 17.394; WTKT.L=13.62 WMBA.L=4.77 WBNS.L=4.53 WKHZ.L=4.41 WIFI.L=4.26 WZMF.L=4.26 WABQ.L=4.23									
WMCJ.L	US AL CULLMAN	198.27	6.22	11.59	42.05	3.073	365.33	87.99	277.34
50% = 8.308, 25% = 12.29; WXEM.L=5.48 WBCU.L=4.53 WBNS.L=4.31 WKAM.L=4.04 WVOL.L=3.71 WEWO.L=3.43 WXOK.L=3.28 KHOJ.L=3.20 WGSY.L=3.12 WQOP.L=3.09									
KLTC.L	US ND DICKINSON	294.10	1.58	4.95	11.70	1.303	556.71	278.71	278.00
50% = 4.968, 25% = 5.211; KDMA.L=4.08 KXNO.L=2.83 WBRN.L=1.57									
WBCU.L	US SC UNION	168.67	7.24	13.10	48.56	3.700	380.96	100.68	280.28
50% = 12.489, 25% = 14.799; WBNS.L=10.43 WMCJ.L=6.87 WXEM.L=5.83 WEWO.L=5.39									
KDMA.L	US MN MONTEVIDEO	289.36	5.80	10.98	31.08	3.262	524.78	240.94	283.84
50% = 12.586, 25% = 13.05; KXNO.L=12.59 WBRN.L=3.45									
WQOP.L	US FL JACKSONVILLE	172.64	2.92	6.82	24.70	2.199	445.12	103.93	341.20
50% = 7.684, 25% = 8.795; WBNS.L=4.67 WGSY.L=3.55 WXEM.L=3.51 .O-A=3.51 WRGA.L=2.59 WBCU.L=2.48 WMCJ.L=2.33									
WXEM.L	US GA BUFORD	182.35	6.62	12.19	44.72	3.996	446.86	98.97	347.88
50% = 14.131, 25% = 15.986; WMCJ.L=9.22 WBNS.L=7.86 WQOP.L=7.28 WBCU.L=5.79 WEWO.L=4.72									
WGSY.L	US AL PHENIX CITY/COL	186.66	4.70	9.38	33.45	2.985	446.26	97.22	349.03
50% = 9.41, 25% = 12.126; WXEM.L=5.88 WQOP.L=5.24 WBNS.L=5.15 WRGA.L=4.65 WMCJ.L=4.29 WBCU.L=3.09 WNPL.L=2.99									
WMBD.L	US IL PEORIA	248.20	13.62	22.53	95.43	0.970	508.36	108.76	399.60
50% = 2.696, 25% = 3.97; WWBG.L=1.39 XESM.P/A=1.35 KLCL.L=1.33 KMNQ.L=1.32 WWNN.L=1.29 WFNT.L=1.19 XERCN.O/A=1.13 WCLA.L=1.05 WNAU.L=1.04 WSAN.L=1.01 WMGG.L=0.97									
KTKC.L	US LA SPRINGHILL	222.58	2.91	6.80	23.75	2.451	515.95	103.07	412.88
50% = 8.69, 25% = 9.803; WXOK.L=5.49 WMCJ.L=5.01 KCLE.L=4.49 KXNO.L=3.64 KHOJ.L=2.70									
WLOA.L	US PA FARRELL	119.71	25.54	38.58	203.69	2.074	509.12	95.89	413.23
50% = 6.745, 25% = 8.296; CHOW.O/A=4.15 WSAN.L=3.93 WTTR.L=3.57 WWBG.L=3.32 WNYX.L=2.82 WFNT.L=2.08									
WXOK.L	US LA PORT ALLEN	209.42	2.07	5.62	20.92	2.209	527.91	88.53	439.39
50% = 7.015, 25% = 8.892; KTKC.L=4.72 KCLE.L=3.77 WQOP.L=3.58 WMCJ.L=2.76 WGSY.L=2.54 XEUJ.O/A=2.43 XEJH.P/A=2.24 WNPL.L=2.21									
WEWO.L	US NC LAURINBURG	156.54	6.68	12.29	44.50	5.734	644.23	93.93	550.29
50% = 21.358, 25% = 22.937; WBCU.L=19.05 WQOP.L=9.65 WBNS.L=8.36									
WNPL.L	US FL GOLDEN GATE	173.99	0.42	3.38	15.69	2.112	673.10	104.41	568.69
50% = 7.197, 25% = 8.626; WQOP.L=5.21 .O-A=4.97 WBNS.L=2.72 XEUJ.O/A=2.45 XECPQ.O/A=2.18 YVRJ.O-A=2.11									
NEW.A MEDICINE HCA AB MEDICINE HAT		301.17	0.00	0.00	7.76	1.464	943.83	329.12	614.71
50% = 2.929, 25% = 3.894; KDMA.L=1.86 KXNO.L=1.64 KARR.L=1.56 KUTI.L=1.39 KZNT.L=1.34 WBRN.L=1.33 KENO.L=1.04									
WATD.L	US MA BROCKTON	88.84	5.64	10.75	31.44	5.004	795.76	106.03	689.72
50% = 17.775, 25% = 20.016; WOPG.L=15.23 WTKT.L=9.17 WZMF.L=6.75 CKRB.O/A=6.25									
KCLE.L	US TX BURLESON	231.89	1.34	4.62	17.29	2.943	851.11	114.38	736.72
50% = 8.635, 25% = 11.773; KXNO.L=7.27 KTKC.L=4.66 KCWM.L=4.26 KBZO.L=4.15 XEYC.P/ =3.24 WXOK.L=3.04 KZNT.L=3.00									
WSAN.L	US PA ALLENTOWN	104.82	9.97	17.16	63.15	1.137	900.15	115.03	785.13
50% = 3.307, 25% = 4.548; WNYX.L=2.43 WWBG.L=1.59 WTKT.L=1.58 WMMW.L=1.56 WTTR.L=1.50 WRGA.L=1.44 WLAM.L=1.25 YVJW.O-A=1.20									
WIFI.L	US NJ FLORENCE	107.57	8.68	15.25	53.82	10.560	981.13	115.82	865.32
50% = 39.336, 25% = 42.241; WTKT.L=39.34 WZMF.L=15.39									
WKHZ.L	US MD EASTON	121.15	9.06	15.81	58.19	12.059	1036.17	104.85	931.32

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KWHZ.L	US	121.15	9.06	15.81	58.19	12.059	1036.17	104.85	931.32
50% = 43.548, 25% = 48.237; WTKT.L=43.55 WKDV.L=20.75									
WWBG.L	US NC GREENSBORO	155.02	8.75	15.34	58.61	1.322	1127.64	91.41	1036.23
50% = 4.089, 25% = 5.398; WCLA.L=3.47 WRGA.L=2.16 WSAN.L=1.88 WTTR.L=1.64 YVJW.O-A=1.59 WKUM.L=1.38									
XESM.P/A=1.32									
KZNT.L	US CO COLORADO SPRING	264.07	0.38	3.32	11.86	2.851	1201.85	109.39	1092.46
50% = 8.586, 25% = 11.405; KXNO.L=8.59 KCLE.L=3.83 XEYC.P/ =3.55 KDMA.L=3.24 KLTC.L=3.20 KENO.L=2.88									
KCWM.L	US TX HONDO	228.57	0.00	2.18	12.32	3.031	1229.94	111.00	1118.94
50% = 9.502, 25% = 12.14; XEPD.P/A=6.21 KCLE.L=5.40 KXNO.L=4.74 XEYC.P/ =4.01 XE.O/A=3.37 KBZO.L=3.36									
XEJH.P/A=3.03 XE0023.P/A=3.03									
KBZO.L	US TX LUBBOCK	243.89	0.14	3.00	12.97	3.422	1319.53	117.17	1202.36
50% = 12.883, 25% = 13.686; KXNO.L=8.40 XEYC.P/ =6.92 KCLE.L=6.90 KZNT.L=4.62									
KENO.L	US NV LAS VEGAS	265.99	0.00	0.00	5.20	1.473	1416.03	112.86	1303.17
50% = 4.604, 25% = 5.953; XEYC.P/ =2.87 KXNO.L=2.55 KTYM.L=2.54 KION.L=2.22 XERCN.O/A=1.92 KZNT.L=1.85									
KUTI.L=1.47									
CKRB.O/A	CA QC VILLE ST. GEORG	64.15	7.44	7.44	55.20	16.503	1494.87	186.52	1308.35
50% = 33.005, 25% = 37.856; WOPG.L=33.01 WHIC.L=15.54 CJOY.O/ =10.11									
KUTI.L	US WA YAKIMA	291.56	0.00	0.00	2.73	0.910	1670.08	260.31	1409.77
50% = 2.788, 25% = 3.641; KARR.L=1.61 KBPS.L=1.34 KELA.L=1.33 KLBM.L=1.27 KBKW.C=1.17 KZNT.L=1.08									
KONP.L=1.06 KCLX.L=0.99 KEED.L=0.92									
KION.L	US CA SALINAS	271.60	0.00	0.00	3.44	1.143	1659.35	131.22	1528.13
50% = 2.805, 25% = 4.631; KUTY.L=1.85 KENO.L=1.57 KIID.L=1.41 KXNO.L=1.38 XEYC.P/ =1.38 KEST.L=1.36									
KVML.L=1.35 KTIP.L=1.30 XERCN.O/A=1.29 KTYM.L=1.19 KUTI.L=1.14									
WTTR.L	US MD WESTMINSTER	118.87	11.24	19.05	75.02	2.480	1652.75	106.80	1545.95
50% = 9.542, 25% = 9.919; WSAN.L=9.54 CHOW.O/A=2.71									
WTTR.C	US MD WESTMINSTER	118.87	11.24	19.05	75.02	2.481	1653.59	106.81	1546.79
50% = 9.548, 25% = 9.925; WSAN.L=9.55 CHOW.O/A=2.71									
WNYY.L	US NY ITHACA	89.28	12.60	21.04	82.52	3.228	1956.06	102.84	1853.22
50% = 12.914, 25% = 12.914; WLOA.L=8.34 WSAN.L=7.94 WTTR.L=5.84									
WVOL.L	US TN BERRY HILL	202.46	9.05	15.80	61.34	2.514	2049.21	85.52	1963.69
50% = 8.854, 25% = 10.082; WLOA.L=5.58 WNAU.L=5.17 WRGA.L=4.53 WMBD.L=3.21 WCLA.L=2.58 WNNN.L=2.51									
KAIR.L	US KS ATCHISON	255.07	5.83	11.02	35.87	1.635	2279.71	107.26	2172.44
50% = 5.203, 25% = 6.541; KXNO.L=3.85 WMBD.L=3.50 KMNQ.L=2.04 XERCN.O/A=1.77 KKTY.L=1.68 XESM.P/A=1.67									
KLCL.L=1.67									
KTYM.L	US CA INGLEWOOD	264.19	0.00	0.00	4.24	1.997	2355.32	109.57	2245.75
50% = 7.121, 25% = 7.99; KENO.L=5.87 KION.L=4.04 XERCN.O/A=2.89 XEYC.P/ =2.18									
XEYC.P/	MX CH CIUDAD.JUAREZ	246.79	0.00	0.00	6.68	3.561	2666.92	115.42	2551.50
50% = 7.705, 25% = 10.459; KXNO.L=5.73 KENO.L=3.73 KBZO.L=3.56 XE.O/A=3.43 XE.P/A=3.37 XEPD.P/A=3.02									
XE0023.P/A=3.01 XEHX.O/A=2.95									
XEYC.O/A	MX CH CD.JUAREZ	246.68	0.00	0.00	6.68	3.569	2670.68	115.50	2555.18
50% = 7.692, 25% = 10.468; KXNO.L=5.73 KENO.L=3.69 KBZO.L=3.57 XE.O/A=3.45 XE.P/A=3.38 XEPD.P/A=3.04									
XE0023.P/A=3.03 XEHX.O/A=2.94									
XEYC.O/O	MX CH CD.JUAREZ	246.68	0.00	0.00	6.68	3.569	2670.68	115.50	2555.18
50% = 7.692, 25% = 10.468; KXNO.L=5.73 KENO.L=3.69 KBZO.L=3.57 XE.O/A=3.45 XE.P/A=3.38 XEPD.P/A=3.04									
XE0023.P/A=3.03 XEHX.O/A=2.94									
KCNR.L	US CA SHASTA	279.39	0.00	0.00	3.05	1.668	2730.77	173.91	2556.85

## Exhibit 18.1

### Tabulation of Proposed nighttime Allocation

KHRA.L	US HI	HONOLULU	276.21	0.00	0.00	0.83	0.504	3054.76	154.56	2900.20
50% = 1.804, 25% = 2.018; KION.L=1.80 KUTI.L=0.65 XELX.O/A=0.62										
WRGA.L	US GA	ROME	189.13	6.74	12.36	45.47	2.876	3162.49	94.19	3068.30
50% = 8.922, 25% = 11.505; WVOL.L=5.57 WNAU.L=5.46 WWBG.L=4.33 WCLA.L=4.12 WLOA.L=3.70 WWNN.L=3.59										
WMGG.L=3.03										
WLAM.L	US ME	LEWISTON	76.55	5.08	9.92	26.51	1.735	3272.83	121.86	3150.97
50% = 4.929, 25% = 6.94; WOPG.L=3.47 WSAN.L=2.53 NEW.P POINTE CLAIRE/A=2.43 WNYX.L=2.37 WLOA.L=2.31										
WSAR.C=2.29 WAZN.L=2.14 CHOW.O/A=1.75										
.O-A (0)	TK	GRAND TURK	145.59	0.00	0.00	3.03	2.793	4612.37S	88.15	4524.22
50% = 5.586, 25% = 6.137; WQOP.L=4.63 WEWO.L=3.13 WNPL.L=2.00 WTKT.L=1.57										
.O-A (5)	TK	GRAND TURK	144.77	0.00	0.00	2.96	2.691	4552.47S	87.84	4464.64
50% = 5.383, 25% = 5.915; WQOP.L=4.43 WEWO.L=3.06 WNPL.L=1.90 WTKT.L=1.55										
.O-A (10)	TK	GRAND TURK	144.02	0.00	0.00	2.87	2.576	4481.00S	87.60	4393.40
50% = 5.152, 25% = 5.662; WQOP.L=4.22 WEWO.L=2.96 WNPL.L=1.78 WTKT.L=1.53										
.O-A (15)	TK	GRAND TURK	143.32	0.00	0.00	2.79	2.449	4393.50S	87.43	4306.07
50% = 4.897, 25% = 5.388; WQOP.L=3.98 WEWO.L=2.85 WNPL.L=1.68 WTKT.L=1.50										
.O-A (20)	TK	GRAND TURK	142.70	0.00	0.00	2.72	2.316	4257.00S	87.33	4169.68
50% = 4.633, 25% = 5.284; WQOP.L=3.75 WEWO.L=2.72 WNPL.L=1.59 WTKT.L=1.46										
WLRP.L=1.35										
.O-A (25)	TK	GRAND TURK	142.15	0.00	0.00	2.65	2.182	4115.83S	87.27	4028.56
50% = 4.364, 25% = 5.022; WQOP.L=3.52 WEWO.L=2.58 WNPL.L=1.50 WTKT.L=1.41										
WLRP.L=1.40										
.O-A (30)	TK	GRAND TURK	141.68	0.00	0.00	2.58	2.048	3971.38S	87.24	3884.14
50% = 4.095, 25% = 4.919; WQOP.L=3.29 WEWO.L=2.44 WLRP.L=1.45 WNPL.L=1.42										
WTKT.L=1.35 HIAN.O-C=1.22										
.O-A (35)	TK	GRAND TURK	141.29	0.00	0.00	2.49	1.916	3850.55S	87.24	3763.31
50% = 3.832, 25% = 4.854; WQOP.L=3.07 WEWO.L=2.29 WLRP.L=1.50 WNPL.L=1.35										
WTKT.L=1.30 WRRE.L=1.26 HIAN.O-C=1.24										
.O-A (40)	TK	GRAND TURK	140.98	0.00	0.00	2.39	1.786	3740.47S	87.25	3653.22
50% = 3.573, 25% = 4.805; WQOP.L=2.86 WEWO.L=2.14 WLRP.L=1.55 WRRE.L=1.31										
WNPL.L=1.28 HIAN.O-C=1.27 WTKT.L=1.23 HIAR.O-C=1.20										
.O-A (45)	TK	GRAND TURK	140.75	0.00	0.00	2.29	1.663	3632.14S	87.26	3544.88
50% = 3.325, 25% = 4.635; WQOP.L=2.67 WEWO.L=1.99 WLRP.L=1.60 WRRE.L=1.36										
HIAN.O-C=1.29 HIAR.O-C=1.22 WNPL.L=1.21 WTKT.L=1.17										
.O-A (50)	TK	GRAND TURK	140.59	0.00	0.00	2.20	1.646	3742.22S	87.28	3654.95
50% = 3.504, 25% = 4.488; WQOP.L=2.48 WEWO.L=1.84 WLRP.L=1.65 WRRE.L=1.40										
HIAN.O-C=1.32 HIAR.O-C=1.25 WNPL.L=1.16 4VEA.O-A=1.13										
.O-A (55)	TK	GRAND TURK	140.51	0.00	0.00	2.12	1.667	3939.91S	87.28	3852.63
50% = 3.334, 25% = 4.37; WQOP.L=2.31 WEWO.L=1.71 WLRP.L=1.69 WRRE.L=1.44										
HIAN.O-C=1.34 HIAR.O-C=1.27 4VEA.O-A=1.14 WNPL.L=1.10										
.O-A (60)	TK	GRAND TURK	140.51	0.00	0.00	2.03	1.592	3911.28S	87.28	3824.00
50% = 3.184, 25% = 4.283; WQOP.L=2.14 WLRP.L=1.74 WEWO.L=1.59 WRRE.L=1.47										
HIAN.O-C=1.37 HIAR.O-C=1.29 4VEA.O-A=1.14 YVRJ.O-A=1.09										
.O-A (65)	TK	GRAND TURK	140.58	0.00	0.00	1.97	1.500	3812.78S	87.28	3725.50
50% = 3.071, 25% = 4.241; WQOP.L=1.99 WLRP.L=1.80 WRRE.L=1.50 WEWO.L=1.48										
HIAN.O-C=1.40 HIAR.O-C=1.32 YVRJ.O-A=1.15 4VEA.O-A=1.15										
.O-A (70)	TK	GRAND TURK	140.71	0.00	0.00	1.90	1.518	3989.50S	87.27	3902.23
50% = 3.035, 25% = 4.223; WQOP.L=1.86 WLRP.L=1.85 WRRE.L=1.53 HIAN.O-C=1.43										
WEWO.L=1.39 HIAR.O-C=1.34 YVRJ.O-A=1.23 4VEA.O-A=1.16										
.O-A (75)	TK	GRAND TURK	140.91	0.00	0.00	1.84	1.507	4092.87S	87.25	4005.61
50% = 3.014, 25% = 4.226; WLRP.L=1.91 WQOP.L=1.74 WRRE.L=1.56 HIAN.O-C=1.46										
HIAR.O-C=1.37 YVRJ.O-A=1.30 WEWO.L=1.30 4VEA.O-A=1.17										
.O-A (80)	TK	GRAND TURK	141.16	0.00	0.00	1.78	1.506	4219.33S	87.24	4132.09
50% = 3.011, 25% = 4.255; WLRP.L=1.98 WQOP.L=1.63 WRRE.L=1.58 HIAN.O-C=1.50										
HIAR.O-C=1.40 YVRJ.O-A=1.39 WEWO.L=1.23 4VEA.O-A=1.18										
.O-A (85)	TK	GRAND TURK	141.48	0.00	0.00	1.73	1.537	4438.03S	87.24	4350.79
50% = 3.397, 25% = 4.305; WLRP.L=2.06 WRRE.L=1.60 HIAN.O-C=1.55 WQOP.L=1.54										
YVRJ.O-A=1.48 HIAR.O-C=1.43 4VEA.O-A=1.19 WEWO.L=1.15										
.O-A (90)	TK	GRAND TURK	141.85	0.00	0.00	1.68	1.585	4710.21S	87.25	4622.96
50% = 3.489, 25% = 4.365; WLRP.L=2.13 WRRE.L=1.61 HIAN.O-C=1.59 YVRJ.O-A=1.58										
HIAR.O-C=1.46 WQOP.L=1.45 4VEA.O-A=1.20 WEWO.L=1.09										
.O-A (95)	TK	GRAND TURK	142.27	0.00	0.00	1.64	1.616	4931.00S	87.28	4843.72
50% = 3.231, 25% = 4.32; WLRP.L=2.21 YVRJ.O-A=1.69 HIAN.O-C=1.64 WRRE.L=1.61										
HIAR.O-C=1.50 WQOP.L=1.38 4VEA.O-A=1.21										
.O-A (100)	TK	GRAND TURK	142.73	0.00	0.00	1.60	1.683	5265.90S	87.33	5178.57
50% = 3.371, 25% = 4.422; WLRP.L=2.29 YVRJ.O-A=1.81 HIAN.O-C=1.68 WRRE.L=1.60										
HIAR.O-C=1.54 WQOP.L=1.32 4VEA.O-A=1.23										
.O-A (105)	TK	GRAND TURK	143.23	0.00	0.00	1.56	1.733	5550.55S	87.42	5463.14

### Tabulation of Proposed nighttime Allocation

50% = 3.521, 25% = 4.534; WLRP.L=2.38 YVRJ.O-A=1.93 HIAN.O-C=1.73 WRRE.L=1.59 HIAR.O-C=1.59 WQOP.L=1.26 4VEA.O-A=1.24										
.O-A (110)	TK	GRAND TURK	143.77	0.00	0.00	1.53	1.776	5808.36S	87.54	5720.83
50% = 3.664, 25% = 4.641; WLRP.L=2.45 YVRJ.O-A=2.06 HIAN.O-C=1.78 HIAR.O-C=1.63 WRRE.L=1.56 4VEA.O-A=1.26 WQOP.L=1.21										
.O-A (115)	TK	GRAND TURK	144.35	0.00	0.00	1.50	1.837	6118.28S	87.70	6030.58
50% = 3.84, 25% = 4.782; WLRP.L=2.56 YVRJ.O-A=2.20 HIAN.O-C=1.84 HIAR.O-C=1.68 WRRE.L=1.53 4VEA.O-A=1.28 WQOP.L=1.16										
.O-A (120)	TK	GRAND TURK	144.95	0.00	0.00	1.48	1.907	6458.28S	87.90	6370.38
50% = 3.972, 25% = 4.767; WLRP.L=2.59 YVRJ.O-A=2.33 HIAN.O-C=1.91 HIAR.O-C=1.72 WRRE.L=1.52 4VEA.O-A=1.29										
.O-A (125)	TK	GRAND TURK	145.58	0.00	0.00	1.45	1.944	6681.33S	88.15	6593.18
50% = 4.147, 25% = 4.931; WLRP.L=2.71 YVRJ.O-A=2.47 HIAN.O-C=1.94 HIAR.O-C=1.76 WRRE.L=1.52 4VEA.O-A=1.31										
.O-A (130)	TK	GRAND TURK	146.24	0.00	0.00	1.44	2.100	7309.78S	88.44	7221.34
50% = 4.31, 25% = 5.102; WLRP.L=2.70 YVRJ.O-A=2.62 HIAN.O-C=2.10 HIAR.O-C=1.83 WRRE.L=1.53 4VEA.O-A=1.33										
.O-A (135)	TK	GRAND TURK	146.91	0.00	0.00	1.42	1.890	6646.96S	88.78	6558.18
50% = 3.78, 25% = 4.704; YVRJ.O-A=2.75 WLRP.L=2.60 HIAR.O-C=1.89 WRRE.L=1.56 4VEA.O-A=1.36										
.O-A (140)	TK	GRAND TURK	147.98	0.00	0.00	1.50	2.058	6873.18S	89.39	6783.79
50% = 4.115, 25% = 4.656; YVRJ.O-A=2.65 WLRP.L=2.38 HIAR.O-C=2.06 WRRE.L=1.61 4VEA.O-A=1.47										
.O-A (145)	TK	GRAND TURK	148.61	0.00	0.00	1.50	2.072	6893.32S	89.78	6803.54
50% = 4.144, 25% = 4.694; YVRJ.O-A=2.70 WLRP.L=2.30 HIAR.O-C=2.14 WRRE.L=1.61 4VEA.O-A=1.51										
.O-A (150)	TK	GRAND TURK	149.32	0.00	0.00	1.59	2.128	6707.38S	90.26	6617.12
50% = 4.478, 25% = 5.177; YVRJ.O-A=2.51 WLRP.L=2.15 HIAN.O-C=2.14 HIAR.O-C=2.13 4VEA.O-A=1.60 WRRE.L=1.58 WQOP.L=1.30										
.O-A (155)	TK	GRAND TURK	149.80	0.00	0.00	1.61	2.078	6448.37S	90.60	6357.78
50% = 4.393, 25% = 5.126; YVRJ.O-A=2.48 HIAR.O-C=2.12 WLRP.L=2.09 HIAN.O-C=2.08 4VEA.O-A=1.65 WRRE.L=1.56 WQOP.L=1.35										
.O-A (160)	TK	GRAND TURK	150.21	0.00	0.00	1.64	1.947	5948.28S	90.89	5857.39
50% = 4.258, 25% = 5.036; YVRJ.O-A=2.44 HIAR.O-C=2.06 WLRP.L=2.03 HIAN.O-C=1.95 4VEA.O-A=1.70 WRRE.L=1.54 WQOP.L=1.40										
.O-A (165)	TK	GRAND TURK	150.59	0.00	0.00	1.65	1.931	5853.06S	91.17	5761.88
50% = 4.205, 25% = 5.004; YVRJ.O-A=2.43 HIAR.O-C=2.02 WLRP.L=2.00 HIAN.O-C=1.93 4VEA.O-A=1.73 WRRE.L=1.53 WQOP.L=1.42										
.O-A (170)	TK	GRAND TURK	150.91	0.00	0.00	1.67	1.875	5604.19S	91.42	5512.77
50% = 4.1, 25% = 4.942; YVRJ.O-A=2.39 WLRP.L=1.95 HIAR.O-C=1.94 HIAN.O-C=1.88 4VEA.O-A=1.78 WRRE.L=1.51 WQOP.L=1.47										
.O-A (175)	TK	GRAND TURK	151.25	0.00	0.00	1.68	1.866	5547.27S	91.68	5455.59
50% = 4.076, 25% = 4.946; YVRJ.O-A=2.39 HIAR.O-C=1.94 WLRP.L=1.92 4VEA.O-A=1.87 HIAN.O-C=1.85 WRRE.L=1.50 WQOP.L=1.48										
.O-A (180)	TK	GRAND TURK	151.63	0.00	0.00	1.68	1.893	5617.56S	91.98	5525.58
50% = 4.089, 25% = 4.945; YVRJ.O-A=2.40 HIAR.O-C=1.93 4VEA.O-A=1.91 WLRP.L=1.89 HIAN.O-C=1.83 WRRE.L=1.49 WQOP.L=1.48										
.O-A (185)	TK	GRAND TURK	151.97	0.00	0.00	1.69	1.793	5289.47S	92.25	5197.22
50% = 4.005, 25% = 4.673; YVRJ.O-A=2.39 HIAR.O-C=1.90 WLRP.L=1.86 HIAN.O-C=1.79 WQOP.L=1.50 WRRE.L=1.47 WNPL.L=1.18										
.O-A (190)	TK	GRAND TURK	152.33	0.00	0.00	1.70	1.772	5199.18S	92.54	5106.64
50% = 3.545, 25% = 4.635; YVRJ.O-A=2.39 HIAR.O-C=1.87 WLRP.L=1.84 HIAN.O-C=1.76 WQOP.L=1.51 WRRE.L=1.46 WNPL.L=1.19										
.O-A (195)	TK	GRAND TURK	152.77	0.00	0.00	1.71	1.763	5164.18S	92.90	5071.28
50% = 3.527, 25% = 4.607; YVRJ.O-A=2.40 HIAR.O-C=1.85 WLRP.L=1.81 HIAN.O-C=1.74 WQOP.L=1.50 WRRE.L=1.44 WNPL.L=1.19										
.O-A (200)	TK	GRAND TURK	153.41	0.00	0.00	1.70	1.767	5205.12S	93.43	5111.70
50% = 3.535, 25% = 4.718; YVRJ.O-A=2.45 HIAR.O-C=1.83 WLRP.L=1.77 HIAN.O-C=1.71 WQOP.L=1.46 WRRE.L=1.42 WNPL.L										

### Tabulation of Proposed nighttime Allocation

.O-A (225)	TK	GRAND TURK	155.29	0.00	0.00	1.81	1.607	4443.48S	95.02	4348.46
50% = 3.584, 25% = 4.451; YVRJ.O-A=2.23 HIAR.O-C=1.65 WLRP.L=1.61 WQOP.L=1.61 HIAN.O-C=1.54 WNPL.L=1.31 WRRE.L=1.26 HJAL.O-A=1.14										
.O-A (230)	TK	GRAND TURK	156.01	0.00	0.00	1.83	1.603	4387.16S	95.63	4291.53
50% = 3.317, 25% = 4.767; YVRJ.O-A=2.19 4VEA.O-A=1.90 WQOP.L=1.60 HIAR.O-C=1.60 WLRP.L=1.55 HIAN.O-C=1.49 WNPL.L=1.32 WRRE.L=1.22 HJAL.O-A=1.16										
.O-A (235)	TK	GRAND TURK	158.79	0.00	0.00	1.80	1.455	4041.25S	97.95	3943.30
50% = 3.114, 25% = 4.297; YVRJ.O-A=2.24 4VEA.O-A=1.60 HIAR.O-C=1.46 WLRP.L=1.36 WQOP.L=1.36 HIAN.O-C=1.35 HJAL.O-A=1.31 WNPL.L=1.24										
.O-A (240)	TK	GRAND TURK	159.02	0.00	0.00	1.86	1.450	3900.58S	98.13	3802.44
50% = 3.003, 25% = 4.216; YVRJ.O-A=2.11 4VEA.O-A=1.57 WQOP.L=1.45 HIAR.O-C=1.42 HIAN.O-C=1.33 WLRP.L=1.32 WNPL.L=1.29 HJAL.O-A=1.24										
.O-A (245)	TK	GRAND TURK	159.20	0.00	0.00	1.92	1.479	3849.46S	98.27	3751.19
50% = 2.958, 25% = 4.156; YVRJ.O-A=1.98 4VEA.O-A=1.56 WQOP.L=1.55 HIAR.O-C=1.39 WNPL.L=1.35 HIAN.O-C=1.30 WLRP.L=1.29 HJAL.O-A=1.18										
.O-A (250)	TK	GRAND TURK	157.86	0.00	0.00	2.00	1.528	3828.44P	97.18	3731.26
50% = 3.057, 25% = 4.287; YVRJ.O-A=1.85 WQOP.L=1.82 4VEA.O-A=1.62 WNPL.L=1.52 HIAR.O-C=1.42 HIAN.O-C=1.34 WLRP.L=1.34 HJAL.O-A=1.07										
.O-A (255)	TK	GRAND TURK	158.39	0.00	0.00	2.06	1.558	3785.52P	97.62	3687.90
50% = 3.403, 25% = 4.229; WQOP.L=1.89 YVRJ.O-A=1.75 WNPL.L=1.59 4VEA.O-A=1.56 HIAR.O-C=1.37 HIAN.O-C=1.30 WLRP.L=1.28 WEWO.L=1.05										
.O-A (260)	TK	GRAND TURK	159.31	0.00	0.00	2.14	1.512	3531.37S	98.36	3433.01
50% = 3.024, 25% = 4.143; WQOP.L=1.94 WNPL.L=1.66 YVRJ.O-A=1.62 4VEA.O-A=1.48 HIAR.O-C=1.31 HIAN.O-C=1.23 WLRP.L=1.19 WEWO.L=1.07										
.O-A (265)	TK	GRAND TURK	159.20	0.00	0.00	2.23	1.515	3404.19S	98.27	3305.92
50% = 3.164, 25% = 4.239; WQOP.L=2.11 WNPL.L=1.81 YVRJ.O-A=1.52 4VEA.O-A=1.46 HIAR.O-C=1.29 HIAN.O-C=1.21 WEWO.L=1.16 WLRP.L=1.16										
.O-A (270)	TK	GRAND TURK	159.01	0.00	0.00	2.32	1.518	3273.41S	98.13	3175.28
50% = 3.036, 25% = 4.381; WQOP.L=2.30 WNPL.L=1.98 4VEA.O-A=1.43 YVRJ.O-A=1.42 HIAR.O-C=1.27 WEWO.L=1.27 HIAN.O-C=1.19 WLRP.L=1.14										
.O-A (275)	TK	GRAND TURK	158.75	0.00	0.00	2.42	1.658	3427.23S	97.91	3329.31
50% = 3.315, 25% = 4.559; WQOP.L=2.52 WNPL.L=2.16 4VEA.O-A=1.41 WEWO.L=1.37 YVRJ.O-A=1.33 HIAR.O-C=1.24 HIAN.O-C=1.17 WLRP.L=1.11										
.O-A (280)	TK	GRAND TURK	158.41	0.00	0.00	2.52	1.812	3597.50S	97.64	3499.86
50% = 3.624, 25% = 4.652; WQOP.L=2.76 WNPL.L=2.34 WEWO.L=1.49 4VEA.O-A=1.38 YVRJ.O-A=1.25 HIAR.O-C=1.22 HIAN.O-C=1.15										
.O-A (285)	TK	GRAND TURK	157.99	0.00	0.00	2.60	1.976	3799.32S	97.29	3702.03
50% = 3.952, 25% = 4.785; WQOP.L=3.04 WNPL.L=2.53 WEWO.L=1.61 4VEA.O-A=1.36 HIAR.O-C=1.20 YVRJ.O-A=1.18										
.O-A (290)	TK	GRAND TURK	157.49	0.00	0.00	2.67	2.137	3998.74S	96.88	3901.86
50% = 4.275, 25% = 4.808; WQOP.L=3.31 WNPL.L=2.70 WEWO.L=1.75 4VEA.O-A=1.33										
.O-A (295)	TK	GRAND TURK	156.91	0.00	0.00	2.74	2.292	4180.86S	96.39	4084.47
50% = 4.585, 25% = 5.132; WQOP.L=3.59 WNPL.L=2.85 WEWO.L=1.90 4VEA.O-A=1.31										
.O-A (300)	TK	GRAND TURK	156.26	0.00	0.00	2.81	2.437	4330.95S	95.84	4235.10
50% = 4.874, 25% = 5.289; WQOP.L=3.88 WNPL.L=2.96 WEWO.L=2.05										
.O-A (305)	TK	GRAND TURK	155.54	0.00	0.00	2.90	2.568	4426.74S	95.23	4331.51
50% = 5.137, 25% = 5.593; WQOP.L=4.16 WNPL.L=3.02 WEWO.L=2.21										
.O-A (310)	TK	GRAND TURK	154.76	0.00	0.00	2.98	2.681	4499.88S	94.57	4405.31
50% = 5.363, 25% = 5.866; WQOP.L=4.42 WNPL.L=3.04 WEWO.L=2.38										
.O-A (315)	TK	GRAND TURK	153.93	0.00	0.00	3.05	2.773	4549.14S	93.86	4455.27
50% = 5.546, 25% = 6.098; WQOP.L=4.65 WNPL.L=3.01 WEWO.L=2.54										
.O-A (320)	TK	GRAND TURK	153.04	0.00	0.00	3.10	2.841	4576.42S	93.13	4483.29
50% =										

## Exhibit 18.1

### Tabulation of Proposed nighttime Allocation

WNAU.L	US MS NEW ALBANY	209.68	5.81	11.00	39.25	2.796	3561.79	88.23	3473.55
50% = 9.505, 25% = 11.185; WVOL.L=6.94 WRGA.L=6.49 KLCL.L=3.68 WLOA.L=3.51 WMBD.L=2.99									
WMMW.L	US CT MERIDEN	93.44	7.13	12.94	41.17	2.953	3586.99	108.88	3478.10
50% = 9.347, 25% = 11.813; WSAN.L=9.35 WNYX.L=4.09 WLAM.L=4.04 WTTR.L=3.10 WAZN.L=3.09									
WLRP.L	US PR SAN SEBASTIAN	144.78	0.00	0.00	6.17	4.694	3805.19	87.84	3717.35
50% = 14.702, 25% = 18.776; .O-A=14.70 HIAN.O-C=7.20 YVRJ.O-A=6.91 HIAR.O-C=6.07									
WRRE.L	US PR JUNCOS	142.97	0.00	0.00	5.91	4.569	3862.97	87.37	3775.60
50% = 15.329, 25% = 18.274; .O-A=12.10 WLRP.L=9.41 YVRJ.O-A=6.65 HIAN.O-C=5.70 HIAR.O-C=4.72									
XECPQ.O/A	MX QR FELIPE CARRILLO	190.73	0.00	0.00	5.13	4.543	4432.29	95.00	4337.29
50% = 9.358, 25% = 10.792; XEUJ.O/A=8.18 XEJH.P/A=4.54 XEKC.P/A=3.83 WNPL.L=3.77									
XEARF.P/O	MX SO NACUZARI DE GAR	248.30	0.00	0.00	4.70	4.267	4543.67	114.22	4429.45
50% = 8.604, 25% = 11.39; XEYC.P/ =7.47 KTYM.L=4.27 XEHX.O/A=3.66 XE.O/A=3.37 XE0023.P/A=3.31 XE.P/A=3.22 KXNO.L=3.11									
CMHZ.O-D	CU SOLA	165.08	0.00	0.00	2.59	2.380	4596.02	102.27	4493.75
50% = 4.759, 25% = 5.54; .O-A=4.76 WNPL.L=2.38 WQOP.L=1.54									
WAZN.L	US MA WATERTOWN	86.64	5.81	11.00	32.10	3.018	4699.70	105.40	4594.30
50% = 11.293, 25% = 12.07; WLAM.L=11.29 WSAN.L=4.26									
KLCL.L	US LA LAKE CHARLES	215.47	1.45	4.76	18.45	1.804	4887.74	93.86	4793.88
50% = 5.314, 25% = 7.215; XESM.P/A=4.70 XEHI.P/A=2.48 WNAU.L=2.10 XEREC.O/A=2.06 XEIRG.P/A=2.04 WMGG.L=1.96 XEYA.O/A=1.94 XEBAL1.P/A=1.85									
KKTY.L	US WY DOUGLAS	278.22	0.61	3.63	10.91	1.101	5043.10	166.50	4876.60
50% = 3.208, 25% = 4.403; XERCN.O/A=3.21 WMBD.L=1.49 KAIR.L=1.27 XESM.P/A=1.21 KMNQ.L=1.16 KIID.L=1.12 KELA.L=1.10									
XE.P/A	MX CH CD.JIMENEZ	235.26	0.00	0.00	5.19	5.247	5058.43	116.86	4941.57
50% = 10.494, 25% = 13.374; XEYC.P/ =6.28 XE0023.P/A=6.22 XELX.O/A=5.65 XEHE.O/A=5.11 XEPD.P/A=3.93 XERTE.P/A=3.91 XEQ.O/A=3.45									
XEUJ.O/A	MX CM CD.DEL CARMEN	198.90	0.00	0.00	4.34	4.975	5729.49	88.89	5640.61
50% = 10.573, 25% = 13.323; XEJH.P/A=6.98 XEKC.P/A=6.20 XECPQ.O/A=4.98 XELX.O/A=4.90 XEGRA.O/A=4.75 XERTE.P/A=4.38									
YNRV1.O-B	NU R VENCEREMOS	186.42	0.00	0.00	1.10	1.269	5782.37	98.58	5683.79
50% = 2.783, 25% = 3.803; XEUJ.O/A=2.09 XECPQ.O/A=1.33 HJUH.O-A=1.27 WNPL.L=1.27 HJMN.O-A=1.09 XEKC.P/A=1.07 HJZU.O-A=0.97 XELX.O/A=0.96 HJAL.O-A=0.94									
XEHX.O/A	MX SO CD.OBREGON	243.56	0.00	0.00	3.87	4.622	5973.20	117.32	5855.87
50% = 9.244, 25% = 11.815; XEYC.P/ =6.10 XELX.O/A=5.01 XE0023.P/A=4.81 XE.O/A=4.20 KTYM.L=3.73 XE.P/A=3.47 XEHE.O/A=3.26									
XEHX.P/A	MX SO CD.OBREGON	243.41	0.00	0.00	3.85	4.647	6029.95	117.38	5912.57
50% = 9.293, 25% = 11.863; XEYC.P/ =6.07 XELX.O/A=5.10 XE0023.P/A=4.86 XE.O/A=4.22 KTYM.L=3.70 XE.P/A=3.47 XEHE.O/A=3.29									
HRQX.O-B	HO COMAYAGUA	188.04	0.00	0.00	1.27	1.585	6241.74	97.27	6144.47
50% = 3.171, 25% = 4.147; XEUJ.O/A=2.68 XECPQ.O/A=1.70 WNPL.L=1.53 XEKC.P/A=1.36 XEJH.P/A=1.27 XELX.O/A=1.16									
HRIC.P-B	HO PTO CORTES	189.31	0.00	0.00	1.43	1.808	6307.25	96.21	6211.05
50% = 3.617, 25% = 4.687; XEUJ.O/A=3.02 XECPQ.O/A=1.99 WNPL.L=1.62 XEKC.P/A=1.56 XEJH.P/A=1.54 XELX.O/A=1.22									
XEOLA.O/O	MX TA CD.MADERO	214.90	0.00	0.00	5.00	6.460	6460.38	93.25	6367.14
50% = 12.92, 25% = 18.277; XEJH.P/A=8.23 XERTE.P/A=7.47 XEHE.O/A=6.59 XEGRA.O/A=6.30 XEUJ.O/A=6.12 XEKC.P/A=6.00 XE0023.P/A=5.56 XEQ.O/A=4.80									
TGRN.O-B	GT RADIOPETEN	193.85	0.00	0.00	1.53	2.110	6872.73	92.40	6780.34
50% = 4.672, 25% = 5.591; XEUJ.O/A=3.56 XEJH.P/A=2.17 XECPQ.O/A=2.11 XEKC.P/A=2.09 XELX.O/A=1.74 XEGRA.O/A=1.43									
KMNQ.L	US MN BROOKLYN PARK	293.10	7.87	14.05	43.68	6.674	7639.04	265.16	7373.88

## Exhibit 18.1

### Tabulation of Proposed nighttime Allocation

50% = 22.72, 25% = 26.696; WMBD.L=22.72 KAIR.L=10.22 WIBD.L=9.60

XE.O/A	MX DU GUADALUPE VICTO	229.70	0.00	0.00	4.40	6.886	7829.75	112.26	7717.49
50% = 14.825, 25% = 17.7; XELX.O/A=10.36 XE0023.P/A=8.06 XEHE.O/A=6.89 XERTE.P/A=5.65 XEJH.P/A=4.65									
XEYC.P/ =4.54 XEQ.O/A=4.41									
XEQ.O/A	MX SL SAN LUIS POTOSI	220.93	0.00	0.00	4.29	7.527	8776.15	100.91	8675.24
50% = 16.388, 25% = 20.458; XELX.O/A=8.77 XEHE.O/A=8.43 XERTE.P/A=8.00 XE0023.P/A=7.53 XEJH.P/A=7.19									
XEGRA.O/A=6.49 XE.O/A=5.32 XEKC.P/A=5.27									
XEJH.P/A	MX VE BANDERILLA	210.33	0.00	0.00	4.07	7.378	9067.12	89.15	8977.96
50% = 15.609, 25% = 18.767; XELX.O/A=8.63 XERTE.P/A=7.63 XEGRA.O/A=7.52 XEUJ.O/A=7.38 XEKC.P/A=6.88									
XEHE.O/A=6.21 XE0023.P/A=4.77									
XEJH.P/A	MX VC JALAPA	210.17	0.00	0.00	4.05	7.416	9159.62	89.05	9070.57
50% = 15.779, 25% = 18.846; XELX.O/A=8.93 XERTE.P/A=7.58 XEGRA.O/A=7.53 XEUJ.O/A=7.42 XEKC.P/A=6.77									
XEHE.O/A=6.17 XE0023.P/A=4.72									
XEJH.O/A	MX VC JALAPA	210.15	0.00	0.00	4.05	7.425	9167.86	89.04	9078.82
50% = 15.765, 25% = 18.83; XELX.O/A=8.91 XERTE.P/A=7.58 XEGRA.O/A=7.53 XEUJ.O/A=7.42 XEKC.P/A=6.77									
XEHE.O/A=6.17 XE0023.P/A=4.72									
TILX.O-B	CS ALAJUELA 1	181.61	0.00	0.00	0.95	1.790	9425.46	101.88	9323.58
50% = 3.579, 25% = 4.653; HJJH.O-A=2.40 HJZU.O-A=1.91 HJMN.O-A=1.85 HJTF.O-A=1.61 HJAL.O-A=1.56									
HCIC6.O-A=1.53 XEUJ.O/A=1.21									
XERTE.P/A	MX MX TEMASCALCINGO	216.58	0.00	0.00	3.72	7.099	9540.46	95.19	9445.27
50% = 14.197, 25% = 18.526; XEGRA.O/A=8.21 XEHE.O/A=8.20 XEJH.P/A=8.18 XE0023.P/A=6.70 XEKC.P/A=6.61									
XEUJ.O/A=5.25 XEQ.O/A=5.05									
XELX.O/A	MX MC ZITACUARO	217.04	0.00	0.00	3.63	7.124	9807.38	95.76	9711.62
50% = 14.249, 25% = 18.522; XEHE.O/A=8.38 XEGRA.O/A=8.30 XEJH.P/A=7.99 XE0023.P/A=6.86 XEKC.P/A=6.52									
XEQ.O/A=5.03 XEUJ.O/A=5.02									
WWNN.L	US FL POMPANO BEACH	169.45	0.30	3.22	15.27	3.630	11883.97	104.00	11779.97
50% = 13.4, 25% = 14.52; WRGA.L=11.56 WMGG.L=6.78 WWBG.L=5.59									
XEKC.P/A	MX OA OAXACA	207.70	0.00	0.00	3.34	8.867	13289.32	87.80	13201.52
50% = 17.734, 25% = 23.455; XELX.O/A=17.73 XEJH.P/A=8.33 XEGRA.O/A=8.21 XEUJ.O/A=7.41 XERTE.P/A=6.64									
XEKC.P/A	MX OA OAXACA	207.80	0.00	0.00	3.34	8.931	13384.80	87.84	13296.96
50% = 17.862, 25% = 23.571; XELX.O/A=17.86 XEJH.P/A=8.35 XEGRA.O/A=8.25 XEUJ.O/A=7.38 XERTE.P/A=6.67									
WCLA.L	US GA CLAXTON	172.25	4.43	8.99	31.90	8.726	13676.33	103.24	13573.09
50% = 33.3, 25% = 34.903; WRGA.L=33.30 WWBG.L=10.46									
WMGG.L	US FL EGYPT LAKE	176.27	1.43	4.74	18.93	5.292	13976.72	103.95	13872.77
50% = 21.167, 25% = 21.167; WRGA.L=18.01 WWNN.L=11.12									
HOO 42.O-B	PM VOZ ALMIRANT	177.94	0.00	0.00	0.88	2.503	14217.04	103.58	14113.45
50% = 5.159, 25% = 6.647; HJJH.O-A=3.55 HJZU.O-A=2.79 HJMN.O-A=2.50 HJTF.O-A=2.26 HCIC6.O-A=2.18									
HJAL.O-A=2.15 YVRJ.O-A=1.75									
XE0023.P/A	MX NA TEPIC	226.96	0.00	0.00	3.42	10.651	15592.95	109.06	15483.90
50% = 21.301, 25% = 23.685; XELX.O/A=21.30 XEHE.O/A=8.23 XERTE.P/A=6.29									
4VEA.O-A	HA CAP HAITIEN	153.66	0.00	0.00	1.77	6.654	18808.97	93.64	18715.33
50% = 7.465, 25% = 7.806; .O-A=7.47 YVRJ.O-A=2.28									
XEHE.O/A	MX JA ATOTONILCO EL A	221.79	0.00	0.00	3.53	13.486	19111.23	102.10	19009.13
50% = 26.971, 25% = 29.409; XELX.O/A=26.97 XE0023.P/A=8.58 XERTE.P/A=7.99									
KARR.L	US WA KIRKLAND	294.21	0.00	0.00	2.25	9.268	20555.31	279.78	20275.53
50% = 37.072, 25% = 37.072; KUTI.L=37.07									
HIAR.O-C	DR S CRISTOBAL	150.58	0.00	0.00	1.47	7.625	25960.67	91.17	25869.50
50% = 6.469, 25% = 7.448; .O-A=6.47 YVRJ.O-A=3.00 WLRP.L=2.15									
HIAN.O-C	DR HATO MAYOR	148.61	0.00	0.00	1.47	7.654	26096.25	89.79	26006.47
50% = 6.436, 25% = 7.403; .O-A=6.44 YVRJ.O-A=2.81 WLRP.L=2.35									



### Tabulation of Proposed nighttime Allocation

XEGRA.O/A	MX	GR	ACAPULCO	213.38	0.00	0.00	2.99	16.593	27732.42	91.66	27640.76
50% = 33.186, 25% = 33.186; XELX.O/A=33.19											
HJAL.O-A	CO		SINCELEJO 5	165.50	0.00	0.00	0.84	5.041	30026.19	102.48	29923.71
50% = 8.637, 25% = 10.637; HJJH.O-A=5.43 YVRJ.O-A=5.29 HJMN.O-A=4.13 HJZU.O-A=3.44 HJTF.O-A=3.16											
HJMY.O-A=3.08 HJJW.O-A=2.69											
WKUM.L	US	PR	OROCOVIS	143.82	0.00	0.00	6.03	3.690	30617.06	87.55	30529.52
50% = 13.367, 25% = 14.759; YVJW.O-A=13.37 4VAA.O-A=4.60 HICH.O-C=4.24											
HJMN.O-A	CO		AMALFI	167.97	0.00	0.00	0.80	4.955	31138.33	103.55	31034.77
50% = 8.686, 25% = 11.309; HJJH.O-A=6.05 YVRJ.O-A=4.59 HJZU.O-A=4.22 HJAL.O-A=3.79 HJTF.O-A=3.67											
HCIC6.O-A=2.94 HJMY.O-A=2.83 HJJW.O-A=2.82											
KELA.L	US	WA	CENTRALIA-CHEHA	292.22	0.00	0.00	2.27	1.426	31406.42	265.15	31141.27
50% = 5.503, 25% = 5.704; KUTI.L=3.73 KBMS.L=2.99 XERCN.O/A=2.72 CJVB.O/A=1.50											
HJMY.O-A	CO		V ROSARIO	160.85	0.00	0.00	0.74	4.772	32115.95	99.54	32016.41
50% = 8.788, 25% = 11.166; YVRJ.O-A=6.88 HJJH.O-A=5.47 HJZU.O-A=3.48 HJAL.O-A=3.15 HJJW.O-A=3.01											
HJMN.O-A=2.93 HJTF.O-A=2.79											
HJTF.O-A	CO		TURBO 1	168.49	0.00	0.00	0.71	4.571	32357.56	103.73	32253.83
50% = 9.142, 25% = 12.362; HJJH.O-A=7.42 HJZU.O-A=5.34 YVRJ.O-A=4.18 HCIC6.O-A=4.05 HJMN.O-A=3.90											
HJJW.O-A=3.20 HJAL.O-A=3.15											
HJJH.O-A	CO		ARMENIA 4	167.45	0.00	0.00	0.64	4.880	38034.27	103.36	37930.91
50% = 8.729, 25% = 12.019; HJZU.O-A=6.08 HCIC6.O-A=4.75 YVRJ.O-A=4.09 HJTF.O-A=3.74 HJJW.O-A=3.56											
HJFL.O-A=3.41 HCC15.O-A=3.26 HJMN.O-A=3.12 HCCL3.O-A=3.10											
HJJW.O-A	CO		BOGOTA 4	164.80	0.00	0.00	0.64	4.836	38035.17	102.12	37933.05
50% = 10.567, 25% = 12.22; HJJH.O-A=7.64 HJZU.O-A=5.47 YVRJ.O-A=4.84 HCIC6.O-A=4.12 HJTF.O-A=3.32											
HJFL.O-A=3.11											
CA 146.O-A	CI		ANTOFAGASTA	166.87	0.00	0.00	0.21	1.630	38228.21	103.12	38125.09
50% = 3.382, 25% = 3.616; OBX6C.O-A=2.23 OAX7W.O-A=1.95 OAX5K.O-A=1.63 CB 146.O-A=1.28											
ZYJ297.O-A	BR		GUAIRA	151.95	0.00	0.00	0.19	1.513	40095.08	92.23	40002.85
50% = 3.335, 25% = 4.969; ZYJ-318.O-A=1.90 ZYJ-251.O-A=1.69 CA 146.O-A=1.54 SYK-312.O-A=1.51											
ZYJ-228.O-A=1.49 ZYK-349.O-A=1.48 .P-A=1.48 ZYJ-748.O-A=1.39 LRH393.P-A=1.34 ZYJ-204.O-A=1.29											
ZYJ-756.O-A=1.27											
KIID.L	US	CA	SACRAMENTO	275.06	0.00	0.00	3.38	2.795	41324.46	148.16	41176.30
50% = 9.611, 25% = 11.181; XERCN.O/A=9.61 KUTY.L=3.93 KELA.L=2.97 KBSN.L=2.89											
CX146.O-A	UY		CARMELO 1	158.94	0.00	0.00	0.16	1.430	45486.78	98.07	45388.71
50% = 2.86, 25% = 4.224; LRH393.P-A=1.76 CV146.O-A=1.70 CA 146.O-A=1.49 ZYK-316.O-A=1.42											
ZYK-214.O-A=1.41 LT29.O-A=1.23 CB 146.O-A=1.22 .P-A=1.17 LU30.O-A=1.14											
ZYJ-251.O-A	BR		APUCARANA	149.28	0.00	0.00	0.19	1.795	48177.60	90.23	48087.37
50% = 3.589, 25% = 5.505; ZYJ-318.O-A=1.87 ZYJ-308.O-A=1.81 ZYJ-228.O-A=1.80 ZYJ297.O-A=1.69											
ZYJ-204.O-A=1.57 .O-A=1.50 .P-A=1.50 ZYJ-748.O-A=1.50 .P-A=1.48 ZYJ-756.O-A=1.46 ZYK-349.O-A=1.43											
ZYK548.O-A=1.36											
KBSN.L	US	WA	MOSES LAKE	292.68	0.00	0.00	2.87	2.792	48707.72	268.59	48439.12
50% = 11.167, 25% = 11.167; KELA.L=11.17											
HJZU.O-A	CO		PASTO 4	170.55	0.00	0.00	0.54	5.342	49024.58	104.24	48920.34
50% = 10.683, 25% = 12.515; HCIC6.O-A=6.89 HJJH.O-A=6.09 HCCL3.O-A=5.43 HCC15.O-A=5.02 HJFL.O-A=4.15											
.P-A	BR		PALMAS	150.96	0.00	0.00	0.18	1.722	49037.53	91.46	48946.07
50% = 3.648, 25% = 5.568; ZYK-349.O-A=1.90 ZYJ-748.O-A=1.90 ZYJ-228.O-A=1.77 SYK-312.O-A=1.72											
ZYJ-756.O-A=1.67 ZYJ-308.O-A=1.65 ZYJ-251.O-A=1.63 ZYJ297.O-A=1.60 ZYJ-204.O-A=1.58 ZYJ-318.O-A=1.51											
CX146.O-A=1.48											
ZYK548.O-A	BR		ARARAS	145.18	0.00	0.00	0.18	1.825	49642.70	87.99	49554.72
50% = 3.559, 25% = 5.167; .O-A=1.91 ZYK-608.O-A=1.77 .P-A=1.72 ZYL-333.O-A=1.72 ZYJ-204.O-A=1.57											
ZYJ-228.O-A=1.50 ZYJ-251.O-A=1.48 ZYJ-756.O-A=1.36 ZYH-766.O-A=1.35 ZYL400.O-A=1.32 ZYJ-318.O-A=1.30											
LRH398.P-A	AR		A DEL VALLE	153.71	0.00	0.00	0.18	1.797	50693.83	93.68	50600.15
50% = 3.574, 25% = 5.623; CX146.O-A=2.00 ZYK-349.O-A=1.77 LRH393.P-A=1.71 CA 146.O-A=1.65 .P-A=1.65											
ZYJ297.O-A=1.60 ZYK-316.O-A=1.58 ZYJ-308.O-A=1.56 .P-A=1.53 ZYJ-748.O-A=1.49 ZYK-214.O-A=1.43											

### Tabulation of Proposed nighttime Allocation

ZYL-333.O-A BR PARAGUACU 143.38 0.00 0.00 0.18 2.091 56878.36 87.44 56790.91  
50% = 3.41, 25% = 4.919; ZYK-608.O-A=1.93 ZYK548.O-A=1.74 .O-A=1.56 ZYL400.O-A=1.56 .P-A=1.49  
.P-A=1.42 ZYJ-204.O-A=1.37 ZYH-766.O-A=1.34 ZYJ-228.O-A=1.29 ZYJ-251.O-A=1.26 ZYJ-756.O-A=1.19

Exhibit 18.1

Tabulation of Proposed nighttime Allocation

ZYJ-318.O-A	BR	LOANDA	150.48	0.00	0.00	0.19	2.192	57083.39	91.10	56992.30
50% = 3.346, 25% = 5.125; ZYJ-308.O-A=2.05 ZYJ297.O-A=1.89 ZYJ-251.O-A=1.86 ZYJ-228.O-A=1.54 .P-A=1.41 ZYK-349.O-A=1.36 ZYJ-748.O-A=1.34 ZYJ-204.O-A=1.34 SYK-312.O-A=1.34 .P-A=1.32 .O-A=1.32										
ZYH-630.O-A	BR	MASSAPE	128.16	0.00	0.00	0.26	2.981	57407.90	96.77	57311.13
50% = 2.667, 25% = 3.604; ZYH-616.O-A=1.70 .P-A=1.51 .P-A=1.38 ZYI-901.O-A=1.31 .P-A=1.30 .P-A=1.17 ZYH-250.O-A=1.05										
ZYK-214.O-A	BR	BAGE	154.64	0.00	0.00	0.16	1.875	58017.26	94.47	57922.79
50% = 3.75, 25% = 5.359; CX146.O-A=2.83 CV146.O-A=1.75 LRH393.P-A=1.72 ZYK-316.O-A=1.63 .P-A=1.62 .P-A=1.57 SYK-312.O-A=1.54 .P-A=1.52 ZYK-349.O-A=1.49										
.P-A	BR	AMARANTE	132.29	0.00	0.00	0.25	2.949	58315.46	91.99	58223.47
50% = 2.702, 25% = 2.886; ZYI-901.O-A=1.76 ZYH-630.O-A=1.51 ZYH-616.O-A=1.39 ZYH-250.O-A=1.01										
CC 146.O-A	CI	TALCAHUANO	171.50	0.00	0.00	0.16	1.839	58357.79	104.37	58253.42
50% = 3.678, 25% = 3.82; CB 146.O-A=3.05 CA 146.O-A=2.06 CD 150.O-A=1.03										
ZYH-616.O-A	BR	MORADA NOVA	127.39	0.00	0.00	0.24	2.840	58920.17	97.77	58822.40
50% = 2.817, 25% = 3.942; ZYH-630.O-A=1.70 .P-A=1.68 .P-A=1.48 .P-A=1.39 ZYH-250.O-A=1.38 ZYI-901.O-A=1.33 .P-A=1.02 .P-A=0.98										
HCIC6.O-A	EC	LATACUNGA 3	172.79	0.00	0.00	0.49	5.849	59091.70	104.45	58987.25
50% = 11.699, 25% = 13.106; HCCL3.O-A=6.91 HJZU.O-A=6.90 HCC15.O-A=6.44 HJJH.O-A=4.76 HCMG5.O-A=3.51										
LRH393.P-A	AR	ESQUINA	158.65	0.00	0.00	0.17	2.084	60636.43	97.83	60538.59
50% = 4.168, 25% = 5.262; CA 146.O-A=2.98 CX146.O-A=2.92 ZYK-316.O-A=1.77 ZYK-214.O-A=1.36 .P-A=1.34 CV146.O-A=1.33 SYK-312.O-A=1.32										
CV146.O-A	UY	BATLLE ORDON	156.25	0.00	0.00	0.16	1.904	61058.75	95.83	60962.91
50% = 3.808, 25% = 5.112; CX146.O-A=3.39 ZYK-214.O-A=1.73 LRH393.P-A=1.70 ZYK-316.O-A=1.46 .P-A=1.32 .P-A=1.30 .P-A=1.27 LU30.O-A=1.25										
HCLD4.O-A	EC	JUNIN	175.15	0.00	0.00	0.50	6.124	61446.36	104.29	61342.08
50% = 13.466, 25% = 14.107; HCIC6.O-A=7.58 HCCL3.O-A=6.97 HCC15.O-A=6.15 HJZU.O-A=6.12 HJJH.O-A=4.20										
LU34.O-A	AR	PIGUE	163.25	0.00	0.00	0.15	1.835	61500.02	101.20	61398.82
50% = 3.671, 25% = 4.436; CX146.O-A=2.69 CB 146.O-A=1.86 CC 146.O-A=1.67 LU30.O-A=1.25 LT29.O-A=1.25 LRH393.P-A=1.25 CA 146.O-A=1.23										
HCC15.O-A	EC	BIBLIAN	173.46	0.00	0.00	0.46	5.763	63101.37	104.45	62996.93
50% = 12.503, 25% = 13.051; HCCL3.O-A=8.28 HCIC6.O-A=7.38 HJZU.O-A=5.76 HJJH.O-A=3.74										
LT29.O-A	AR	VENADO TUERT	161.83	0.00	0.00	0.16	2.038	63292.59	100.25	63192.34
50% = 4.075, 25% = 5.079; CX146.O-A=3.26 CA 146.O-A=2.44 CB 146.O-A=2.03 LRH393.P-A=1.75 CC 146.O-A=1.41										
HCMG5.O-A	EC	GIRON	173.84	0.00	0.00	0.45	5.700	63810.58	104.43	63706.15
50% = 11.401, 25% = 13.537; HCCL3.O-A=9.03 HCIC6.O-A=6.96 HJZU.O-A=5.46 OAX1V.O-A=3.44 HJJH.O-A=3.41										
ZYJ-308.O-A	BR	AMPERE	151.21	0.00	0.00	0.19	2.442	64951.97	91.65	64860.32
50% = 3.168, 25% = 5.071; ZYJ-318.O-A=2.06 ZYJ-251.O-A=1.81 ZYJ-228.O-A=1.59 .P-A=1.51 ZYK-349.O-A=1.49 SYK-312.O-A=1.48 ZYJ-748.O-A=1.43 ZYJ-204.O-A=1.36 ZYJ-756.O-A=1.33 CA 146.O-A=1.32 LRH398.P-A=1.25										
ZYK-608.O-A	BR	LORENA	143.44	0.00	0.00	0.18	2.316	64979.14	87.46	64891.68
50% = 3.261, 25% = 4.772; ZYL-333.O-A=1.80 ZYK548.O-A=1.66 .P-A=1.53 ZYL400.O-A=1.53 .O-A=1.48 ZYJ-204.O-A=1.44 ZYJ-228.O-A=1.31 ZYJ-756.O-A=1.28 .P-A=1.27 ZYJ-251.O-A=1.22 ZYH-766.O-A=1.18										
LU30.O-A	AR	MAIPU	159.40	0.00	0.00	0.15	1.948	65032.95	98.43	64934.52
50% = 3.493, 25% = 4.596; CX146.O-A=3.49 CV146.O-A=1.53 LRH393.P-A=1.52 LT29.O-A=1.24 ZYK-214.O-A=1.22 ZYK-316.O-A=1.11										
OAX1V.O-A	PE	VOZ DEL CHIR	176.97	0.00	0.00	0.42	5.552	65691.90	103.89	65588.01
50% = 11.53, 25% = 12.741; HCCL3.O-A=8.39 HCC15.O-A=5.63 HCIC6.O-A=5.55 HJZU.O-A=4.20 HCMG5.O-A=3.43										
.P-A	BR	SANTO ANTONI	125.63	0.00	0.00	0.22	3.020	67701.70	100.14	67601.56
50% = 2.623, 25% = 2.828; ZYH-250.O-A=1.65 ZYH-616.O-A=1.60 ZYH-630.O-A=1.26 ZYI-901.O-A=1.06										
ZYJ-756.O-A	BR	GASPAR	148.60	0.00	0.00	0.17	2.383	70237.54	89.78	70147.76

## Exhibit 18.1

### Tabulation of Proposed nighttime Allocation

50% = 3.213, 25% = 5.161; ZYJ-204.O-A=1.90 ZYJ-748.O-A=1.89 ZYJ-228.O-A=1.77 ZYK-349.O-A=1.57  
.P-A=1.52 .P-A=1.48 ZYJ-251.O-A=1.46 .P-A=1.39 SYK-312.O-A=1.36 ZYJ-308.O-A=1.33 ZYK-608.O-A=1.28

ZYH-250.O-A BR UNIAO PALMAR 127.96 0.00 0.00 0.21 3.111 73544.01 97.02 73446.98  
50% = 2.514, 25% = 3.457; .P-A=1.52 .P-A=1.45 ZYH-616.O-A=1.38 ZYI-901.O-A=1.19 .P-A=1.18  
ZYH-630.O-A=1.05 .P-A=1.01 .P-A=0.84

CB 146.O-A CI SANTIAGO 14 169.08 0.00 0.00 0.17 2.533 75626.18 103.91 75522.28  
50% = 5.067, 25% = 5.067; CA 146.O-A=4.05 CC 146.O-A=3.05

ZYL400.O-A BR RAUL SOARES 139.82 0.00 0.00 0.18 2.766 75685.75 87.38 75598.37  
50% = 2.889, 25% = 4.178; ZYK-608.O-A=1.53 ZYL-333.O-A=1.45 .P-A=1.43 .P-A=1.37 .P-A=1.27  
ZYK548.O-A=1.21 .P-A=1.13 .O-A=1.12 ZYH-766.O-A=1.10 .P-A=1.08 .P-A=1.05

.P-A BR MORRO DO CHA 133.93 0.00 0.00 0.22 3.290 75989.04 90.47 75898.58  
50% = 2.275, 25% = 2.67; ZYI-901.O-A=1.57 ZYH-250.O-A=1.27 ZYH-616.O-A=1.06 ZYH-630.O-A=0.91  
ZYL400.O-A=0.82 ZYH-766.O-A=0.67

.P-A BR MOSTARDAS 151.99 0.00 0.00 0.16 2.498 78749.45 92.27 78657.18  
50% = 3.124, 25% = 4.936; CY146.O-A=2.17 ZYK-214.O-A=1.67 ZYK-349.O-A=1.51 ZYJ-748.O-A=1.49  
CV146.O-A=1.44 SYK-312.O-A=1.41 ZYJ-756.O-A=1.40 LRH393.P-A=1.35 ZYK-316.O-A=1.28 ZYJ-204.O-A=1.21  
ZYJ-228.O-A=1.21

OBX3A.O-A PE CHIMU 173.86 0.00 0.00 0.35 5.492 78855.88 104.43 78751.45  
50% = 8.357, 25% = 9.742; HCCL3.O-A=6.05 OAX5K.O-A=4.19 HCC15.O-A=3.96 HCIC6.O-A=3.51 OAX1V.O-A=2.61  
HCMG5.O-A=2.43

KUTY.L US CA PALMDALE 265.14 0.00 0.00 4.34 6.908 79673.35 111.16 79562.19  
50% = 27.631, 25% = 27.631; XERCN.O/A=27.63

.P-A BR SAO FRANCISC 139.74 0.00 0.00 0.21 3.285 79810.31 87.40 79722.91  
50% = 2.283, 25% = 3.052; ZYH-766.O-A=1.41 ZYL400.O-A=1.37 ZYL-333.O-A=1.16 ZYK-608.O-A=1.09  
ZYI-685.O-A=1.04 ZYK548.O-A=0.99 ZYI-901.O-A=0.91

.P-A BR RIACHO SANTA 136.73 0.00 0.00 0.21 3.459 81715.56 88.51 81627.04  
50% = 2.008, 25% = 2.656; ZYI-901.O-A=1.30 ZYL400.O-A=1.14 ZYH-766.O-A=1.03 ZYH-250.O-A=0.90  
ZYL-333.O-A=0.80 ZYI-685.O-A=0.74 ZYK-608.O-A=0.73 ZYH-616.O-A=0.70

.P-A BR SALINAS 1 137.57 0.00 0.00 0.20 3.381 85265.05 88.10 85176.96  
50% = 2.138, 25% = 2.888; ZYL400.O-A=1.48 ZYH-766.O-A=1.10 ZYL-333.O-A=1.09 ZYK-608.O-A=1.05  
ZYI-901.O-A=0.95 ZYK548.O-A=0.86 ZYH-250.O-A=0.74 ZYI-685.O-A=0.70

.P-A BR PARINTINS 144.70 0.00 0.00 0.36 6.460 90489.30 87.81 90401.50  
50% = 0.718, 25% = 0.978; YVRJ.O-A=0.51 HJZH.O-A=0.36 CA 146.O-A=0.35 HJZU.O-A=0.34 HCIC6.O-A=0.30  
HCCL3.O-A=0.30 ZYI-685.O-A=0.29 HCC15.O-A=0.25

OAX3C.O-A PE HUANUCO 171.12 0.00 0.00 0.34 7.079 104781.84 104.33 104677.51  
50% = 7.063, 25% = 9.44; HCCL3.O-A=5.27 OAX5K.O-A=4.70 OBX3A.O-A=3.52 HCC15.O-A=3.45 HCIC6.O-A=3.04  
OCY4I.O-A=2.39

CD 150.O-A CI PORVENIR 172.09 0.00 0.00 0.12 2.461 105641.40 104.42 105536.98  
50% = 0.442, 25% = 0.472; CC 146.O-A=0.33 CA 146.O-A=0.22 CB 146.O-A=0.20 CX146.O-A=0.17

OBX6C.O-A PE BAHIA 167.28 0.00 0.00 0.26 5.747 111117.38 103.29 111014.09  
50% = 8.184, 25% = 8.923; CA 146.O-A=7.05 OAX5K.O-A=4.15 OAX7W.O-A=3.56

OCY4I.O-A PE IMPERIAL 170.02 0.00 0.00 0.31 7.265 118129.73 104.14 118025.60  
50% = 6.872, 25% = 8.892; OAX5K.O-A=5.92 HCCL3.O-A=3.49 OBX3A.O-A=2.80 CA 146.O-A=2.71 OBX6C.O-A=2.51  
OAX7W.O-A=2.38 HCC15.O-A=2.18

OAX7W.O-A PE SOLDELOSANDE 164.89 0.00 0.00 0.27 6.953 131099.65 102.16 130997.49  
50% = 7.187, 25% = 8.015; CA 146.O-A=6.16 OAX5K.O-A=3.70 OBX6C.O-A=3.55

OAX5K.O-A PE INTERNACIONA 171.39 0.00 0.00 0.29 8.150 138848.35 104.36 138743.99  
50% = 5.794, 25% = 7.006; CA 146.O-A=3.27 HCCL3.O-A=2.98 OBX3A.O-A=2.65 OCY4I.O-A=2.65 OBX6C.O-A=2.63  
OAX7W.O-A=2.34 HCC15.O-A=1.76

.P-A BR SANTA LUZIA 133.75 0.00 0.00 0.28 9.777 174744.71 90.63 174654.08  
50% = 2.101, 25% = 2.177; ZYI-901.O-A=1.30 ZYH-630.O-A=1.30 ZYH-616.O-A=1.02 ZYH-250.O-A=0.57

ZYI-685.O-A BR BARRA GARCAS 146.57 0.00 0.00 0.23 9.683 214949.02 88.61 214860.42

## Exhibit 18.1

### Tabulation of Proposed nighttime Allocation

50% = 2.496, 25% = 3.704; ZYH-766.O-A=1.54 .P-A=1.54 .P-A=1.22 .P-A=1.17 .P-A=1.13 ZYJ-318.O-A=1.06  
.P-A=0.97 .P-A=0.97 ZYJ-251.O-A=0.96 .O-A=0.96

.P-A BR ARRAIAS 140.03 0.00 0.00 0.23 9.773 215173.95 87.35 215086.60  
50% = 2.119, 25% = 2.584; ZYH-766.O-A=1.31 ZYI-685.O-A=1.22 ZYI-901.O-A=1.14 ZYL400.O-A=0.86  
ZYL-333.O-A=0.76 ZYK-608.O-A=0.66 ZYK548.O-A=0.66

.P-A BR MT CLARO GOI 145.80 0.00 0.00 0.22 9.804 220460.07 88.24 220371.83  
50% = 1.97, 25% = 3.029; ZYH-766.O-A=1.66 ZYJ-318.O-A=1.05 ZYJ-251.O-A=0.98 ZYK548.O-A=0.92  
ZYL-333.O-A=0.89 ZYJ-308.O-A=0.89 ZYJ297.O-A=0.84 ZYK-608.O-A=0.78 ZYJ-228.O-A=0.75

.P-A BR COSTA RICA 148.62 0.00 0.00 0.21 9.644 226724.01 89.80 226634.21  
50% = 2.645, 25% = 3.889; ZYI-685.O-A=1.66 ZYH-766.O-A=1.48 ZYJ-318.O-A=1.43 ZYJ-251.O-A=1.31  
ZYJ-308.O-A=1.29 ZYJ297.O-A=1.26 ZYJ-228.O-A=1.04 ZYK548.O-A=1.03 CA 146.O-A=1.01

.P-A BR BURITIS 140.99 0.00 0.00 0.21 9.717 229753.54 87.25 229666.29  
50% = 2.361, 25% = 3.106; ZYH-766.O-A=1.57 ZYI-685.O-A=1.26 ZYL400.O-A=1.23 ZYL-333.O-A=1.13  
ZYK-608.O-A=1.03 ZYK548.O-A=1.00 ZYI-901.O-A=0.87

ZYH-766.O-A BR MORRINHOS 144.51 0.00 0.00 0.21 9.549 229892.79 87.75 229805.04  
50% = 2.968, 25% = 4.776; .P-A=1.54 ZYI-685.O-A=1.54 .P-A=1.45 .P-A=1.39 .P-A=1.38 .P-A=1.31 .O-A=1.31  
ZYL-333.O-A=1.24 ZYK548.O-A=1.24 .P-A=1.21 ZYJ-251.O-A=1.18 ZYK-608.O-A=1.18 ZYJ-318.O-A=1.16

.P-A BR TRES MARIA 141.32 0.00 0.00 0.20 9.548 242486.20 87.24 242398.97  
50% = 2.971, 25% = 3.65; ZYL400.O-A=1.57 ZYH-766.O-A=1.53 ZYL-333.O-A=1.45 ZYK-608.O-A=1.39  
ZYK548.O-A=1.27 ZYI-685.O-A=1.06 ZYJ-251.O-A=0.94 ZYJ-204.O-A=0.93

KLAM.L US AK CORDOVA 318.19 0.00 0.00 0.29 1.806 306854.05 426.95 306427.10  
50% = 0.648, 25% = 0.859; KSUH.L=0.35 KEED.L=0.35 KONP.L=0.30 KBKW.C=0.29 KBPS.L=0.26 KBFI.L=0.24  
CHOR.P/A=0.23 KTRP.L=0.22 KHIT.L=0.21 KFLS.L=0.21

# Exhibit 18.2

## Proposed Nighttime RSS Limitations

### Licensed RSS Limitation:

Station Information:

Call: WPON.L

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-38 N

Lng: 083-29-58 W

Power: 0.76 kW - Custom Q Value Used: 10.282

Theo RMS: 288.31 mV/m @ 1km @ 0.76 kW

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)
WBNS.L	1460	COLUMBUS	OH	US	292.4	350.4	25.5	38.6	407.46	206.49	16.828	100.0	16.828 50%
WABQ.L	1460	PAINESVILLE	OH	US	207.0	296.4	34.3	48.6	133.28	276.48	7.370	43.7	18.371
KXNO.L	1460	DES MOINES	IA	US	833.6	79.8	7.9	14.1	611.05	47.82	5.845	31.8	19.278
WBRN.L	1460	BIG RAPIDS	MI	US	203.4	127.0	34.8	49.1	103.68	275.90	5.721	29.6	20.109 25%
WTKT.L	1460	HARRISBURG	PA	US	600.6	296.6	12.1	20.3	298.10	81.51	4.859	24.1	20.688
WMBA.L	1460	AMBRIDGE	PA	US	350.1	309.5	21.6	33.5	137.18	168.26	4.616	22.3	21.197
WKAM.C	1460	GOSHEN	IN	US	219.0	60.2	32.8	47.0	68.33	265.48	3.628	17.1	21.505
CJOY.O/	1460	GUELPH	ON	CA	284.5	249.5	26.2	39.4	78.45	204.29	3.205	14.9	21.743
WGMP.L	1460	TUNKHANNOCK	PA	US	630.9	282.5	11.4	19.3	195.08	73.82	2.880	13.2	21.932
WJTI.L	1460	WEST ALLIS	WI	US	373.7	96.4	20.2	31.8	82.28	151.97	2.501	11.4	22.075
KHOJ.L	1460	ST. CHARLES	MO	US	717.4	52.7	9.7	16.8	145.57	64.35	1.874	8.4	22.154
WHIC.L	1460	ROCHESTER	NY	US	480.9	264.8	15.6	25.3	76.92	107.73	1.657	7.4	22.216
WOPG.L	1460	ALBANY	NY	US	793.4	272.7	8.5	15.0	157.21	49.45	1.555	6.9	22.270
WKDV.L	1460	MANASSAS	VA	US	657.6	311.8	10.9	18.5	99.77	72.86	1.454	6.5	22.318
WKHZ.L	1460	EASTON	MD	US	752.8	306.2	9.1	15.9	121.86	58.72	1.431	6.4	22.363
WLEC.L	1450	SANDUSKY	OH	US	139.8	331.6	45.5	59.4	189.53	352.17	1.335	5.9	22.403
WQOP.L	1460	JACKSONVILLE	FL	US	1367.1	353.9	2.9	6.8	260.66	24.72	1.289	5.7	22.440

### Proposed RSS Limitation:

Station Information:

Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

Standard: FCC Rules (1992 Skywave Propagation Model) [ 10% ]

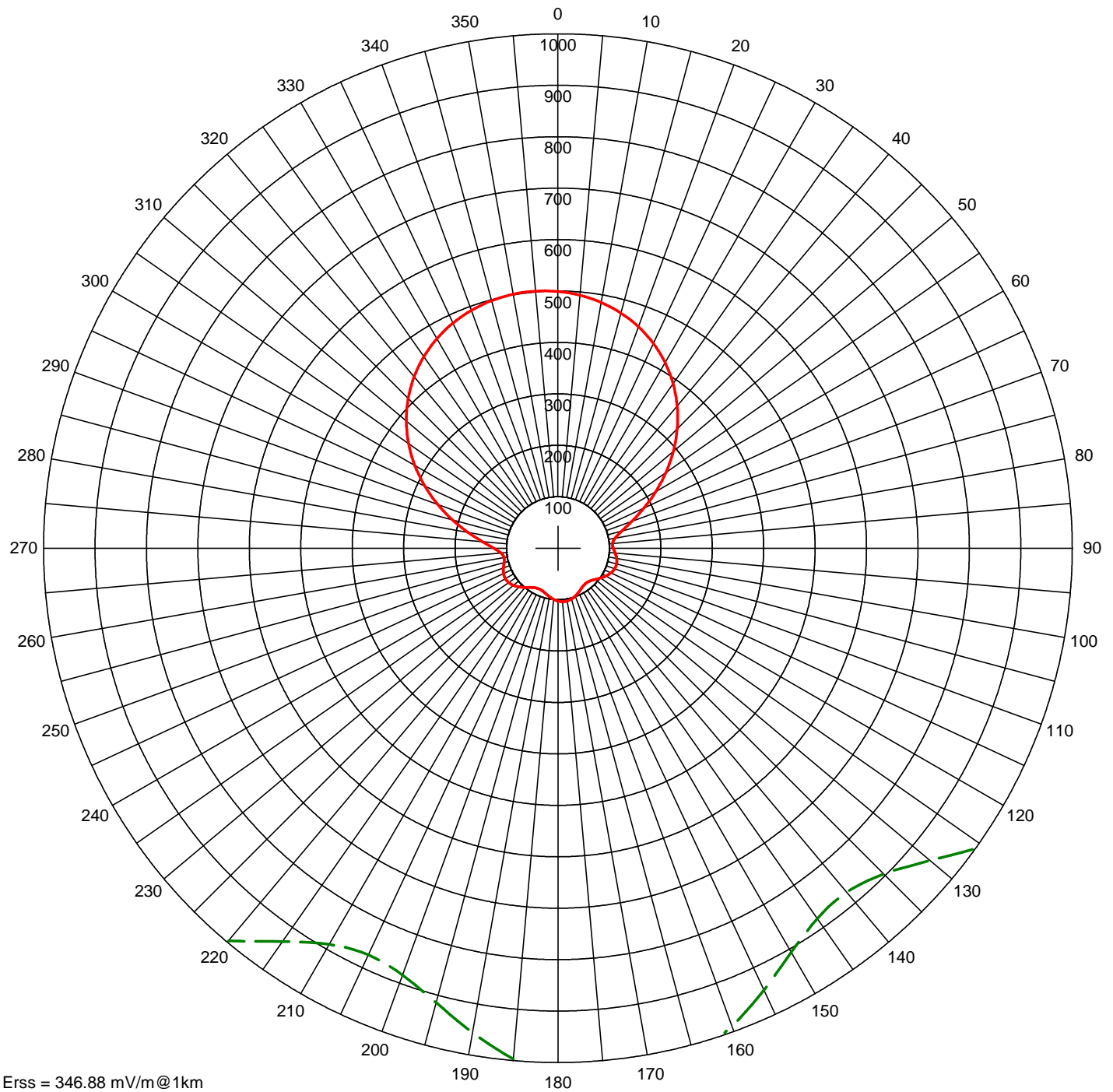
Contributors:

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)
WBNS.L	1460	COLUMBUS	OH	US	293.4	349.5	25.5	38.5	408.15	205.83	16.802	100.0	16.802 50%
WABQ.L	1460	PAINESVILLE	OH	US	211.5	295.8	33.8	48.0	133.69	271.93	7.271	43.2	18.308
KXNO.L	1460	DES MOINES	IA	US	828.6	79.7	8.0	14.2	611.23	48.32	5.907	32.2	19.237
WBRN.L	1460	BIG RAPIDS	MI	US	199.5	127.9	35.3	49.7	102.19	279.91	5.721	29.7	20.069 25%
WTKT.L	1460	HARRISBURG	PA	US	605.2	296.4	12.0	20.2	297.76	80.57	4.798	23.9	20.635
WMBA.L	1460	AMBRIDGE	PA	US	354.1	309.1	21.3	33.2	138.61	166.06	4.603	22.3	21.142
WKAM.L	1460	GOSHEN	IN	US	214.7	59.5	33.4	47.6	70.47	269.74	3.802	17.9	21.481
CJOY.O/	1460	GUELPH	ON	CA	289.1	249.9	25.8	38.9	77.57	200.95	3.118	14.5	21.706
WZMF.L	1460	TUNKHANNOCK	PA	US	635.8	282.4	11.3	19.2	195.13	72.93	2.846	13.1	21.892
WJTI.L	1460	WEST ALLIS	WI	US	368.8	96.5	20.5	32.1	81.90	154.45	2.530	11.5	22.038
KHOJ.L	1460	ST. CHARLES	MO	US	713.3	52.5	9.8	16.9	145.63	64.95	1.892	8.5	22.119
WHIC.L	1460	ROCHESTER	NY	US	485.8	264.9	15.4	25.1	77.54	106.20	1.647	7.4	22.180
WOPG.L	1460	ALBANY	NY	US	798.4	272.7	8.4	14.9	157.24	48.93	1.539	6.9	22.234
WKDV.L	1460	MANASSAS	VA	US	661.6	311.5	10.8	18.4	98.83	72.19	1.427	6.4	22.279
WKHZ.L	1460			US	757.1	306.0	9.1	15.8	121.66	58.19	1.416	6.3	22.324
WLEC.L	1450	SANDUSKY	OH	US	142.3	329.8	45.0	58.9	191.65	349.23	1.339	5.9	22.364

**MUNN-REESE**

Broadcast Engineering Consultants  
Coldwater, MI 49036

## Exhibit 18.3 - Polar Plot of Proposed Nighttime Directional Standard Pattern



Erss = 346.88 mV/m@1km  
 Theo RMS: 256.929 mV/m@1km  
 Std RMS: 269.98 mV/m@1km  
 Q: 10.0 mV/m@1km

Standard Horizontal Plane Pattern

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

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

Call: WPON.A  
 Freq: 1460 kHz  
 WALLED LAKE, MI, US  
 Hours: N  
 Lat: 42-32-39 N  
 Lng: 083-33-36 W  
 Power: 0.58 kW  
 Theo RMS: 256.93 mV/m@1km  
 @ 0.58 kW

## Exhibit 18.4

### Nighttime Directional Standard Pattern 0° - 60° Vertical Degrees

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#### AM Radiation Report

Call: WPON.A  
Freq: 1460 kHz  
WALLED LAKE, MI, US  
Hours: N  
Lat: 42-32-39 N  
Lng: 083-33-36 W  
Power: 0.58 kW  
Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swth	TL Swth	A (deg)	B (deg)	C (deg)	D (deg)
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

#### Standard Horizontal Plane Pattern

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	499.07	120.0	107.83	240.0	118.12
5.0	493.57	125.0	101.01	245.0	116.60
10.0	485.01	130.0	94.50	250.0	112.73
15.0	473.21	135.0	89.62	255.0	108.26
20.0	457.99	140.0	87.35	260.0	106.33
25.0	439.16	145.0	87.92	265.0	110.90
30.0	416.63	150.0	90.74	270.0	124.76
35.0	390.43	155.0	94.77	275.0	147.81
40.0	360.73	160.0	98.90	280.0	177.88
45.0	327.96	165.0	102.22	285.0	212.31
50.0	292.78	170.0	104.13	290.0	248.81
55.0	256.19	175.0	104.31	295.0	285.54
60.0	219.51	180.0	102.73	300.0	321.09
65.0	184.49	185.0	99.65	305.0	354.41
70.0	153.35	190.0	95.62	310.0	384.76
75.0	128.68	195.0	91.49	315.0	411.68
80.0	112.89	200.0	88.33	320.0	434.95
85.0	106.60	205.0	87.25	325.0	454.51
90.0	107.55	210.0	88.94	330.0	470.45
95.0	111.80	215.0	93.35	335.0	482.92
100.0	115.97	220.0	99.64	340.0	492.11
105.0	118.05	225.0	106.51	345.0	498.21
110.0	117.23	230.0	112.59	350.0	501.36
115.0	113.60	235.0	116.72	355.0	501.65

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Call: WPON.A  
Freq: 1460 kHz  
WALLED LAKE, MI, US  
Hours: N  
Lat: 42-32-39 N  
Lng: 083-33-36 W  
Power: 0.58 kW  
Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

**MUNN-REESE**

Broadcast Engineering Consultants  
Coldwater, MI 49036



## Exhibit 18.4

### Nighttime Directional Standard Pattern 0° - 60° Vertical Degrees

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
--	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

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	494.52	120.0	107.36	240.0	117.38
5.0	489.04	125.0	100.65	245.0	115.82
10.0	480.52	130.0	94.18	250.0	111.97
15.0	468.79	135.0	89.27	255.0	107.56
20.0	453.66	140.0	86.87	260.0	105.67
25.0	434.96	145.0	87.22	265.0	110.19
30.0	412.61	150.0	89.81	270.0	123.87
35.0	386.63	155.0	93.62	275.0	146.64
40.0	357.20	160.0	97.57	280.0	176.33
45.0	324.74	165.0	100.76	285.0	210.35
50.0	289.93	170.0	102.60	290.0	246.43
55.0	253.73	175.0	102.77	295.0	282.76
60.0	217.47	180.0	101.25	300.0	317.94
65.0	182.87	185.0	98.29	305.0	350.93
70.0	152.10	190.0	94.43	310.0	381.01
75.0	127.75	195.0	90.51	315.0	407.70
80.0	112.15	200.0	87.59	320.0	430.79
85.0	105.94	205.0	86.72	325.0	450.21
90.0	106.86	210.0	88.57	330.0	466.04
95.0	111.06	215.0	93.03	335.0	478.44
100.0	115.20	220.0	99.29	340.0	487.59
105.0	117.29	225.0	106.06	345.0	493.66
110.0	116.55	230.0	112.03	350.0	496.80
115.0	113.02	235.0	116.05	355.0	497.08

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Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
--	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

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	481.04	120.0	105.96	240.0	115.17
5.0	475.64	125.0	99.55	245.0	113.53
10.0	467.26	130.0	93.24	250.0	109.74

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Coldwater, MI 49036

## Exhibit 18.4

### Nighttime Directional Standard Pattern 0° - 60° Vertical Degrees

15.0	455.73	135.0	88.24	255.0	105.48
20.0	440.89	140.0	85.49	260.0	103.69
25.0	422.59	145.0	85.28	265.0	108.09
30.0	400.75	150.0	87.20	270.0	121.26
35.0	375.42	155.0	90.36	275.0	143.17
40.0	346.79	160.0	93.78	280.0	171.76
45.0	315.28	165.0	96.60	285.0	204.58
50.0	281.53	170.0	98.24	290.0	239.44
55.0	246.49	175.0	98.40	295.0	274.59
60.0	211.45	180.0	97.04	300.0	308.68
65.0	178.07	185.0	94.42	305.0	340.70
70.0	148.43	190.0	91.06	310.0	369.95
75.0	124.99	195.0	87.76	315.0	395.96
80.0	109.98	200.0	85.51	320.0	418.50
85.0	103.96	205.0	85.25	325.0	437.51
90.0	104.81	210.0	87.49	330.0	453.03
95.0	108.85	215.0	92.10	335.0	465.21
100.0	112.91	220.0	98.24	340.0	474.21
105.0	115.06	225.0	104.73	345.0	480.19
110.0	114.50	230.0	110.35	350.0	483.29
115.0	111.28	235.0	114.06	355.0	483.57

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Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

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	459.20	120.0	103.63	240.0	111.57
5.0	453.95	125.0	97.72	245.0	109.81
10.0	445.79	130.0	91.70	250.0	106.13
15.0	434.61	135.0	86.66	255.0	102.10
20.0	420.26	140.0	83.45	260.0	100.49
25.0	402.62	145.0	82.43	265.0	104.68
30.0	381.64	150.0	83.37	270.0	117.05
35.0	357.38	155.0	85.56	275.0	137.58
40.0	330.05	160.0	88.16	280.0	164.43
45.0	300.06	165.0	90.39	285.0	195.32
50.0	268.03	170.0	91.72	290.0	228.21
55.0	234.87	175.0	91.84	295.0	261.46
60.0	201.79	180.0	90.74	300.0	293.79
65.0	170.35	185.0	88.65	305.0	324.25
70.0	142.51	190.0	86.07	310.0	352.15
75.0	120.54	195.0	83.73	315.0	377.05
80.0	106.46	200.0	82.48	320.0	398.69
85.0	100.76	205.0	83.07	325.0	417.00
90.0	101.48	210.0	85.85	330.0	432.00

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Coldwater, MI 49036

## Exhibit 18.4

### Nighttime Directional Standard Pattern 0° - 60° Vertical Degrees

95.0	105.28	215.0	90.58	335.0	443.81
100.0	109.19	220.0	96.49	340.0	452.55
105.0	111.41	225.0	102.51	345.0	458.38
110.0	111.15	230.0	107.58	350.0	461.40
115.0	108.39	235.0	110.79	355.0	461.67

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Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

-----

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	429.93	120.0	100.36	240.0	106.67
5.0	424.88	125.0	95.13	245.0	104.79
10.0	417.06	130.0	89.59	250.0	101.26
15.0	406.38	135.0	84.64	255.0	97.57
20.0	392.72	140.0	81.03	260.0	96.17
25.0	375.99	145.0	79.17	265.0	100.08
30.0	356.20	150.0	78.99	270.0	111.40
35.0	333.41	155.0	80.02	275.0	130.14
40.0	307.84	160.0	81.60	280.0	154.70
45.0	279.89	165.0	83.09	285.0	183.05
50.0	250.16	170.0	84.01	290.0	213.34
55.0	219.49	175.0	84.10	295.0	244.07
60.0	189.01	180.0	83.33	300.0	274.06
65.0	160.13	185.0	81.92	305.0	302.42
70.0	134.65	190.0	80.31	310.0	328.50
75.0	114.59	195.0	79.11	315.0	351.87
80.0	101.72	200.0	79.01	320.0	372.28
85.0	96.44	205.0	80.51	325.0	389.62
90.0	97.01	210.0	83.79	330.0	403.89
95.0	100.47	215.0	88.52	335.0	415.16
100.0	104.18	220.0	94.02	340.0	423.54
105.0	106.47	225.0	99.38	345.0	429.14
110.0	106.57	230.0	103.73	350.0	432.04
115.0	104.40	235.0	106.31	355.0	432.30

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Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

Field	Phase	Spacing	Orient	Height	Ref	TL	A	B	C	D
-------	-------	---------	--------	--------	-----	----	---	---	---	---

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Coldwater, MI 49036

## Exhibit 18.4

### Nighttime Directional Standard Pattern 0° - 60° Vertical Degrees

#	Ratio	(deg)	(deg)	(deg)	(deg)	Swch	Swch	(deg)	(deg)	(deg)	(deg)
--	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

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	394.43	120.0	96.15	240.0	100.64
5.0	389.66	125.0	91.76	245.0	98.65
10.0	382.29	130.0	86.88	250.0	95.34
15.0	372.26	135.0	82.23	255.0	92.03
20.0	359.50	140.0	78.44	260.0	90.89
25.0	343.95	145.0	75.91	265.0	94.47
30.0	325.63	150.0	74.71	270.0	104.56
35.0	304.66	155.0	74.60	275.0	121.20
40.0	281.25	160.0	75.12	280.0	143.07
45.0	255.79	165.0	75.82	285.0	168.41
50.0	228.83	170.0	76.30	290.0	195.61
55.0	201.15	175.0	76.35	295.0	223.32
60.0	173.75	180.0	75.94	300.0	250.49
65.0	147.91	185.0	75.26	305.0	276.31
70.0	125.21	190.0	74.67	310.0	300.16
75.0	107.39	195.0	74.61	315.0	321.64
80.0	95.94	200.0	75.57	320.0	340.50
85.0	91.15	205.0	77.83	325.0	356.61
90.0	91.55	210.0	81.39	330.0	369.93
95.0	94.62	215.0	85.91	335.0	380.50
100.0	98.06	220.0	90.80	340.0	388.40
105.0	100.38	225.0	95.34	345.0	393.68
110.0	100.86	230.0	98.84	350.0	396.43
115.0	99.36	235.0	100.72	355.0	396.68

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Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

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	354.18	120.0	91.01	240.0	93.64
5.0	349.76	125.0	87.56	245.0	91.59
10.0	342.96	130.0	83.50	250.0	88.56
15.0	333.74	135.0	79.40	255.0	85.70

**MUNN-REESE**

Broadcast Engineering Consultants  
Coldwater, MI 49036

# Exhibit 18.4

## Nighttime Directional Standard Pattern 0° - 60° Vertical Degrees

20.0	322.06	140.0	75.73	260.0	84.83
25.0	307.91	145.0	72.88	265.0	88.04
30.0	291.34	150.0	70.97	270.0	96.78
35.0	272.48	155.0	69.95	275.0	111.14
40.0	251.55	160.0	69.58	280.0	130.06
45.0	228.91	165.0	69.56	285.0	152.10
50.0	205.07	170.0	69.64	290.0	175.87
55.0	180.73	175.0	69.65	295.0	200.22
60.0	156.75	180.0	69.58	300.0	224.22
65.0	134.27	185.0	69.56	305.0	247.14
70.0	114.60	190.0	69.83	310.0	268.45
75.0	99.23	195.0	70.70	315.0	287.75
80.0	89.32	200.0	72.42	320.0	304.79
85.0	85.08	205.0	75.09	325.0	319.43
90.0	85.30	210.0	78.61	330.0	331.60
95.0	87.92	215.0	82.67	335.0	341.31
100.0	91.04	220.0	86.78	340.0	348.59
105.0	93.34	225.0	90.39	345.0	353.49
110.0	94.17	230.0	92.98	350.0	356.04
115.0	93.34	235.0	94.14	355.0	356.27

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Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

-----

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	310.81	120.0	84.96	240.0	85.88
5.0	306.81	125.0	82.48	245.0	83.85
10.0	300.68	130.0	79.36	250.0	81.15
15.0	292.41	135.0	76.00	255.0	78.76
20.0	281.99	140.0	72.77	260.0	78.16
25.0	269.43	145.0	69.98	265.0	80.97
30.0	254.82	150.0	67.80	270.0	88.34
35.0	238.29	155.0	66.28	275.0	100.36
40.0	220.06	160.0	65.33	280.0	116.24
45.0	200.47	165.0	64.81	285.0	134.83
50.0	179.97	170.0	64.59	290.0	155.01
55.0	159.15	175.0	64.57	295.0	175.80
60.0	138.77	180.0	64.74	300.0	196.42
65.0	119.78	185.0	65.19	305.0	216.24
70.0	103.26	190.0	66.05	310.0	234.77
75.0	90.39	195.0	67.45	315.0	251.66
80.0	82.06	200.0	69.49	320.0	266.67
85.0	78.40	205.0	72.17	325.0	279.65
90.0	78.45	210.0	75.33	330.0	290.50
95.0	80.60	215.0	78.69	335.0	299.20

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Broadcast Engineering Consultants  
Coldwater, MI 49036

## Exhibit 18.4

### Nighttime Directional Standard Pattern 0° - 60° Vertical Degrees

100.0	83.34	220.0	81.90	340.0	305.75
105.0	85.56	225.0	84.54	345.0	310.18
110.0	86.66	230.0	86.24	350.0	312.48
115.0	86.44	235.0	86.72	355.0	312.69

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Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

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#### 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	266.01	120.0	78.08	240.0	77.57
5.0	262.50	125.0	76.52	245.0	75.64
10.0	257.14	130.0	74.35	250.0	73.33
15.0	249.94	135.0	71.84	255.0	71.42
20.0	240.90	140.0	69.28	260.0	71.06
25.0	230.08	145.0	66.89	265.0	73.47
30.0	217.57	150.0	64.85	270.0	79.49
35.0	203.50	155.0	63.25	275.0	89.23
40.0	188.10	160.0	62.09	280.0	102.11
45.0	171.65	165.0	61.35	285.0	117.29
50.0	154.54	170.0	60.98	290.0	133.88
55.0	137.29	175.0	60.95	295.0	151.09
60.0	120.53	180.0	61.25	300.0	168.26
65.0	105.00	185.0	61.91	305.0	184.88
70.0	91.58	190.0	62.98	310.0	200.52
75.0	81.15	195.0	64.49	315.0	214.87
80.0	74.37	200.0	66.45	320.0	227.71
85.0	71.29	205.0	68.78	325.0	238.88
90.0	71.19	210.0	71.32	330.0	248.28
95.0	72.88	215.0	73.86	335.0	255.85
100.0	75.19	220.0	76.13	340.0	261.58
105.0	77.24	225.0	77.83	345.0	265.46
110.0	78.52	230.0	78.73	350.0	267.49
115.0	78.80	235.0	78.66	355.0	267.67

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Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
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Broadcast Engineering Consultants  
Coldwater, MI 49036

## Exhibit 18.4

### Nighttime Directional Standard Pattern 0° - 60° Vertical Degrees

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1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

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	221.49	120.0	70.48	240.0	68.93
5.0	218.52	125.0	69.70	245.0	67.19
10.0	213.99	130.0	68.40	250.0	65.29
15.0	207.92	135.0	66.76	255.0	63.86
20.0	200.35	140.0	64.95	260.0	63.71
25.0	191.35	145.0	63.17	265.0	65.72
30.0	180.99	150.0	61.55	270.0	70.48
35.0	169.43	155.0	60.18	275.0	78.08
40.0	156.85	160.0	59.13	280.0	88.16
45.0	143.51	165.0	58.42	285.0	100.10
50.0	129.74	170.0	58.05	290.0	113.24
55.0	115.96	175.0	58.01	295.0	126.97
60.0	102.65	180.0	58.32	300.0	140.78
65.0	90.42	185.0	58.96	305.0	154.23
70.0	79.91	190.0	59.95	310.0	166.99
75.0	71.78	195.0	61.25	315.0	178.77
80.0	66.44	200.0	62.83	320.0	189.38
85.0	63.92	205.0	64.59	325.0	198.67
90.0	63.70	210.0	66.40	330.0	206.53
95.0	64.95	215.0	68.10	335.0	212.90
100.0	66.81	220.0	69.48	340.0	217.74
105.0	68.62	225.0	70.37	345.0	221.02
110.0	69.95	230.0	70.62	350.0	222.75
115.0	70.58	235.0	70.13	355.0	222.90

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Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
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1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

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	178.82	120.0	62.30	240.0	60.18
5.0	176.41	125.0	62.13	245.0	58.70
10.0	172.73	130.0	61.55	250.0	57.23
15.0	167.83	135.0	60.66	255.0	56.22
20.0	161.75	140.0	59.59	260.0	56.24

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## Exhibit 18.4

### Nighttime Directional Standard Pattern 0° - 60° Vertical Degrees

25.0	154.55	145.0	58.46	265.0	57.87
30.0	146.33	150.0	57.36	270.0	61.49
35.0	137.21	155.0	56.40	275.0	67.19
40.0	127.35	160.0	55.62	280.0	74.74
45.0	116.98	165.0	55.08	285.0	83.74
50.0	106.34	170.0	54.79	290.0	93.71
55.0	95.78	175.0	54.76	295.0	104.21
60.0	85.67	180.0	55.00	300.0	114.86
65.0	76.44	185.0	55.50	305.0	125.31
70.0	68.56	190.0	56.23	310.0	135.29
75.0	62.47	195.0	57.16	315.0	144.57
80.0	58.43	200.0	58.23	320.0	152.99
85.0	56.43	205.0	59.37	325.0	160.40
90.0	56.13	210.0	60.46	330.0	166.71
95.0	56.98	215.0	61.39	335.0	171.85
100.0	58.40	220.0	62.05	340.0	175.77
105.0	59.90	225.0	62.31	345.0	178.44
110.0	61.16	230.0	62.09	350.0	179.84
115.0	61.98	235.0	61.36	355.0	179.97

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Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

#### 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	139.38	120.0	53.75	240.0	51.50
5.0	137.51	125.0	53.98	245.0	50.34
10.0	134.69	130.0	53.91	250.0	49.28
15.0	130.93	135.0	53.61	255.0	48.64
20.0	126.28	140.0	53.13	260.0	48.78
25.0	120.81	145.0	52.57	265.0	50.05
30.0	114.60	150.0	51.98	270.0	52.69
35.0	107.76	155.0	51.43	275.0	56.76
40.0	100.42	160.0	50.97	280.0	62.14
45.0	92.74	165.0	50.64	285.0	68.57
50.0	84.95	170.0	50.46	290.0	75.76
55.0	77.26	175.0	50.44	295.0	83.39
60.0	69.96	180.0	50.59	300.0	91.19
65.0	63.35	185.0	50.89	305.0	98.90
70.0	57.74	190.0	51.33	310.0	106.33
75.0	53.39	195.0	51.86	315.0	113.28
80.0	50.46	200.0	52.45	320.0	119.63
85.0	48.93	205.0	53.03	325.0	125.25
90.0	48.59	210.0	53.52	330.0	130.07
95.0	49.11	215.0	53.87	335.0	134.01
100.0	50.11	220.0	53.99	340.0	137.03

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## Exhibit 18.4

### Nighttime Directional Standard Pattern 0° - 60° Vertical Degrees

105.0	51.27	225.0	53.82	345.0	139.09
110.0	52.35	230.0	53.34	350.0	140.17
115.0	53.21	235.0	52.55	355.0	140.27

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Call: WPON.A

Freq: 1460 kHz

WALLED LAKE, MI, US

Hours: N

Lat: 42-32-39 N

Lng: 083-33-36 W

Power: 0.58 kW

Theo RMS: 256.93 mV/m @ 1km @ 0.58 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.617	-119.2	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	93.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
3	0.560	159.5	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0

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	104.28	120.0	45.07	240.0	43.06
5.0	102.92	125.0	45.48	245.0	42.23
10.0	100.88	130.0	45.71	250.0	41.54
15.0	98.18	135.0	45.77	255.0	41.20
20.0	94.85	140.0	45.71	260.0	41.40
25.0	90.96	145.0	45.55	265.0	42.35
30.0	86.56	150.0	45.35	270.0	44.18
35.0	81.75	155.0	45.14	275.0	46.92
40.0	76.62	160.0	44.94	280.0	50.52
45.0	71.30	165.0	44.80	285.0	54.84
50.0	65.94	170.0	44.71	290.0	59.69
55.0	60.70	175.0	44.71	295.0	64.88
60.0	55.77	180.0	44.77	300.0	70.23
65.0	51.33	185.0	44.91	305.0	75.57
70.0	47.58	190.0	45.09	310.0	80.74
75.0	44.65	195.0	45.31	315.0	85.63
80.0	42.64	200.0	45.52	320.0	90.12
85.0	41.53	205.0	45.68	325.0	94.12
90.0	41.19	210.0	45.77	330.0	97.56
95.0	41.44	215.0	45.73	335.0	100.39
100.0	42.07	220.0	45.54	340.0	102.57
105.0	42.89	225.0	45.16	345.0	104.06
110.0	43.72	230.0	44.60	350.0	104.85
115.0	44.47	235.0	43.88	355.0	104.92

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