

Exhibit 15

Allocation Narrative

The allocation situation for the proposed station is reported on the following pages. A complete explanation of how to read the printout is shown on the page after the tabulation. Summarizing the explanation, each group of lines represents an existing or proposed full service station. Entries which have a negative number in the columns marked *IN* or *OUT* could cause interference with the proposed station.

None of the stations listed in the printout has negative values in the *IN* and *OUT* columns. This indicates that no potential for interference occurs on the line directly between the proposed facility and any of those stations where both numbers are positive.

The proposed station has been exhaustively evaluated to certify the protection of each of the stations in the tabulation where the *IN* or *OUT* contour separation is significant. In each case, a digitally generated map is provided showing the appropriate protected (thin line) and interfering (thick line) contours. In cases where the map is also inconclusive, the value of the interfering signal is tabulated along the protected contour. It is shown to not exceed the mandated value at any point on the protected contour. That tabulation is also appended to the exhibit in those cases. Since there is no point on the protected contour where the interfering signal strength exceeds the mandated value, no contour overlap exists, and no area of interference is predicted.

FM Stations

AP220, Richland, MI, is the application being modified, and need not be protected, since the two will not coexist.

AP220 Greenville, MI is shown to be clear from the proposed station by using a map. Clearly, there exists no prohibited contour overlap. The situation with respect to WQKO.A is similar; the attached map is sufficient.

The map shows that WCSG clearly has no incoming overlap. The FMOver table shows that the interfering signal of the proposed station, when tabulated at one degree intervals along the protected contour of WCSG, never exceeds the mandated 100 dBu value. This shows that no area of prohibited contour overlap exists. The following entry for WQKO shows the inverse situation; the incoming proof utilizes the FMOver table and the outgoing clearance is clear from the map.

Commercial station WZUU, Allegain, MI shows an actual distance of 32.70 km . The required distance is 31.0 km, so the clearance is 1.70 km.

Finally, WUOM, Ann Arbor, MI, is evidently clear of outgoing interference by observation of the map, but the lack of incoming interference is shown by the FMOver table.

No Canadian stations were found in the search. The nearest relevant filing is 2nd adjacent translator CJAM running 0.050 kW at a distance of 191 km from the proposed station, which is obviously clear.

No IF spacing stations were found in the search.

TV6 Protection

Protection for WLNS is shown in Exhibit 18.

Class Contour Distance

The proposed ERP is 4.5 kW, and the HAAT is 101.1 meters. The distance to the class contour, circled at the top of the page, is 26.67 km, which, after rounding, is less than the maximum of 28 km for a class A station. This is therefore an application for a class A station.

Summary

This allocation study shows that no interference to any existing or proposed station will be produced by granting the proposed station. It can therefore immediately proceed grant.

<div> <div>Exhibit 15</div> <div>MI Richland</div> </div> <div> <div>CH# 220A - 91.9 MHz, Pwr= 4.5 kw, HAAT=101.1 M, COR= 381 M</div> <div>Average Protected F(50-50)= 26.67 km</div> </div> <div> <div>DISPLAY DATES</div> <div>DATA 02-11-05</div> <div>SEARCH 03-09-05</div> </div>										
<div> <div>REFERENCE</div> <div>42 29 01 N</div> <div>85 22 45 W</div> </div> <div> <div>Ave. F(50-10) 40 dBu= 82.4</div> <div>54 dBu= 40.9</div> <div>80 dBu= 8.5</div> <div>100 dBu= 2.5</div> </div>										
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
220A Richland	AP220	APP DVX MI	124.1 304.1	0.39 BNPED19991117ABI	42 28 54 85 22 31	0.999 112	379 62.3	19.7 Living Proof, Inc.	-85.85*<	-94.73*<
220A Greenville	AP220	APP DVX MI	7.2 187.2	68.00 BNPED19991115AAD	43 05 27 85 16 27	0.614 53	305 41.7	11.9 Larlen Communications Inc.	10.35	2.17
220B1 Howe	WQKO.A	APP ZCN IN	180.3 0.3	103.24 BPED19981203IA	41 33 15 85 23 06	5.596 101	384 85.7	28.0 Csn International	1.50	21.39
217B Grand Rapids	WCSG	LIC DCN MI	327.6 147.6	41.19 BLED19910801KA	42 47 46 85 38 58	11.436 152	400 4.0	39.6 Cornerstone University	23.62	0.33
220A Howe To Channel 220B1	WQKO	LIC NCN IN	178.7 358.7	92.65 BLED19940831KA	41 38 59 85 21 12	3.000 100	375 75.9	24.2 Csn International	0.87	14.81
222A Alligan	WZUU«	LIC CN MI	289.5 109.5	32.70 BLH19910509KD	42 34 52 85 45 17	0.860 168	414 1.7	23.0 Forum Communications, Inc.	16.67	8.46
219B Ann Arbor Specially Negotiated Allotment-Grandfathered at 93kw @ 238m	WUOM	LIC CN MI	93.5 273.5	120.85 BLED19990204KA	42 24 27 83 54 50	93.000 233	513 97.4	66.1 Regents Of The University	0.87	20.84
06Z2 Stevenson	CIIII-D«	AP HN ON	100.2 280.2	243.30 BPFS20041023AAN	42 03 41 82 29 05	3.000 288	484 5.1	66.3 154.0R	154.0R	89.3M
06Z1C Milwaukee	WITI	LI N WI	289.0 109.0	216.79 BLCT19990129KT	43 05 26 87 53 50	100.000 334	511 3.1	106.1 Witi License, inc.	154.0R	62.8M
06Z1C Indianapolis	WRTV	LI HY IN	193.7 13.7	295.14 BLCT20011203CES	39 53 58 86 12 02	100.000 260	534 3.7	100.0 Mcgraw-hill Broadcasting C	154.0R	141.1M
06-2C Lansing	WLNSTV	LI HN MI	74.1 254.1	85.41 BLCT20020103AAA	42 41 19 84 22 35	100.000 307	577 5.5	104.2 Young Broadcasting Of Lans	154.0R	-68.6M

ERP and HAAT are on direct line to and from reference station.

- affixed to TV6 Margin= no direct-line contour overlap.
- "*"affixed to 'IN' or 'Out' values = site inside protected contour.
- "«" = station meets FCC minimum distance spacing for its class. "<" = contour overlap

HOW TO READ THE FM COMPUTER PRINT-OUT

The computer print-out should be self-explanatory for the most part. The parameters of the station being checked, (reference station) are printed in the heading. The 60 dBu protected contour is predicted from the Commission's F(50-50) table, while the 40, 54, 80 and 100 dBu contours are interference contours derived from the Commission's F(50-10) table. Contour distances are in kilometers and are predicted using spline interpolation from data points identical to those published in Report No. RS 76-01 by Gary C. Kalagian. Critical contour distances are determined using the Commission's TVFMINT FORTRAN subroutine. When interference contour distances are less than 16 kilometers the F(50-50) tables are used. If signal contour distances are less than 1.6 km the free-space equation is used.

The column listed "* IN *" is the sum of the reference station's 60 dBu protected contour and the data file station's interference contour subtracted from the distance between the stations. (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90.) Therefore, the column is a measure of incoming interference. Negative distances in this column indicate the presence of interference. Listed antenna heights are the average heights of eight standard radials as found in the Commission's records unless otherwise noted, in which case the specific antenna heights along the azimuths between the reference station and the database station are used and visa versa. The column labeled "* OUT *" shows the distance of kilometers of overlap or clearance between the reference station's interference contour and the database station's protected contour. Negative distance figures in this column indicate outgoing interference.

For I.F., commercial, international and other spacing based relationships, the "IN" and "OUT" columns change their significance. The letter "R" stands for the minimum required distance in kilometers, while the letter "M" in the next column follows the available clear space separation in kilometers or "Margin". Minimum commercial separation distances were taken from Sec 73.207 of the rules as amended. This procedure is also used for all Canadian and Mexican spacing. Canadian separation distances were derived from the "Canadian/American Working Agreement".

Under the "BEARING" column, the first row of numbers indicate the bearings from true north of the data base stations in relationship with the reference station, while the numbers in the second row indicate the reverse bearings from the database station to the reference station.

The columns labeled "INT" and "PRO" hold the distance in kilometers of the appropriate interference contour and the protected contour of a data base station.

The first three letters of the "TYPE" column identify the current F.C.C. status of the stations. The fourth letter will be a "D" or "Z" (Sec. 73.215) if the facility is directional. The fifth letter will be an E, H or V depending on the type of antenna polarization. The sixth letter will be a 'Y' if the antenna uses beam tilt.

Exhibit 15
MI Richland

FMCommander Allocation Study
03-09-2005

AP220 CH 220 A
4.5 kW 381 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

AP220 CH 220 A BNPED19991115AAD
6 kW, 305 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

Scale = 1:1,12

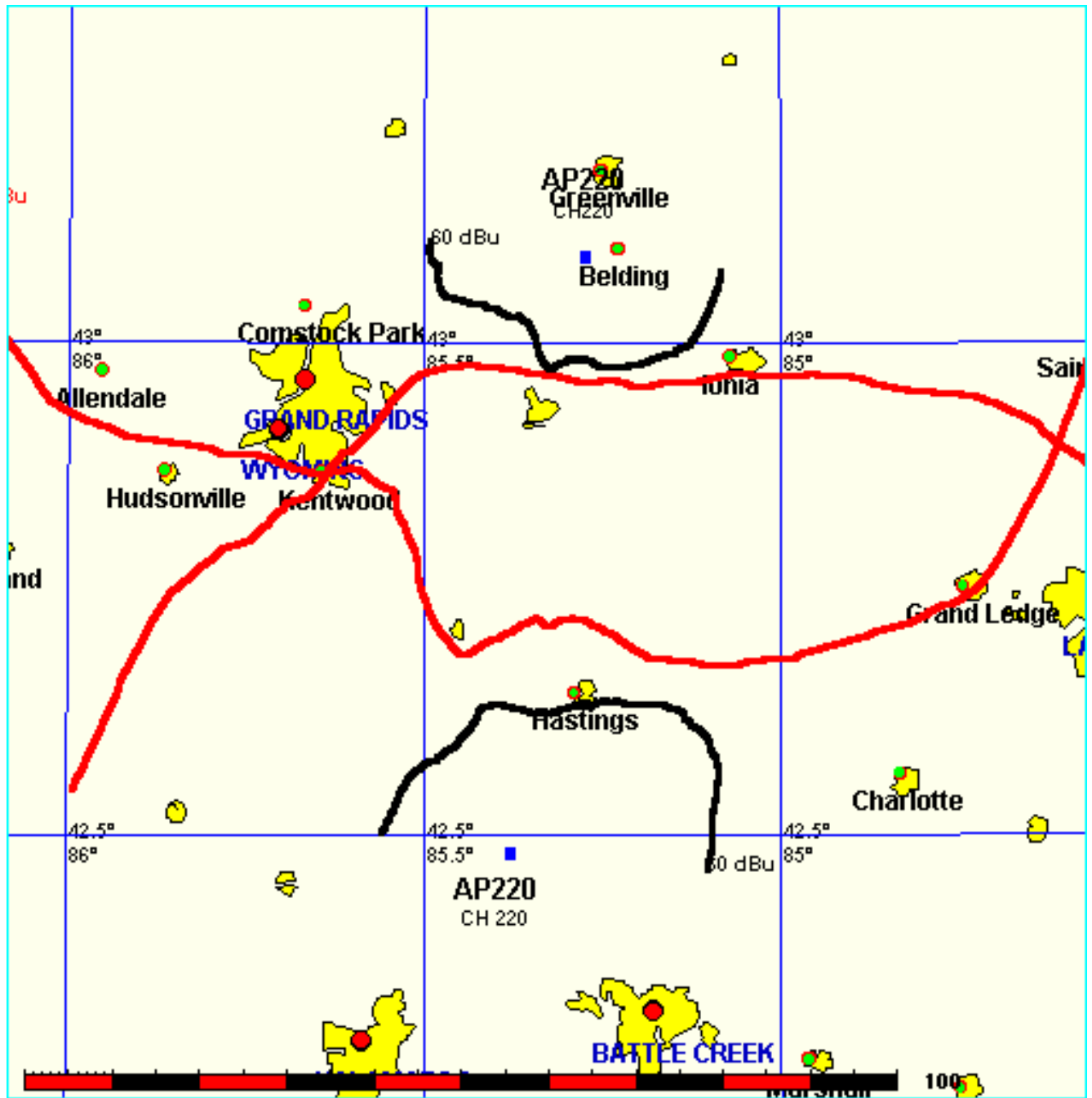


Exhibit 15
MI Richland

FMCommander Allocation Study
03-09-2005

AP220 CH 220 A
4.5 kW 381 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

WQKO.A CH 220 B1 BPED19981203IA
15 kW, 384 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

Scale = 1:2,000

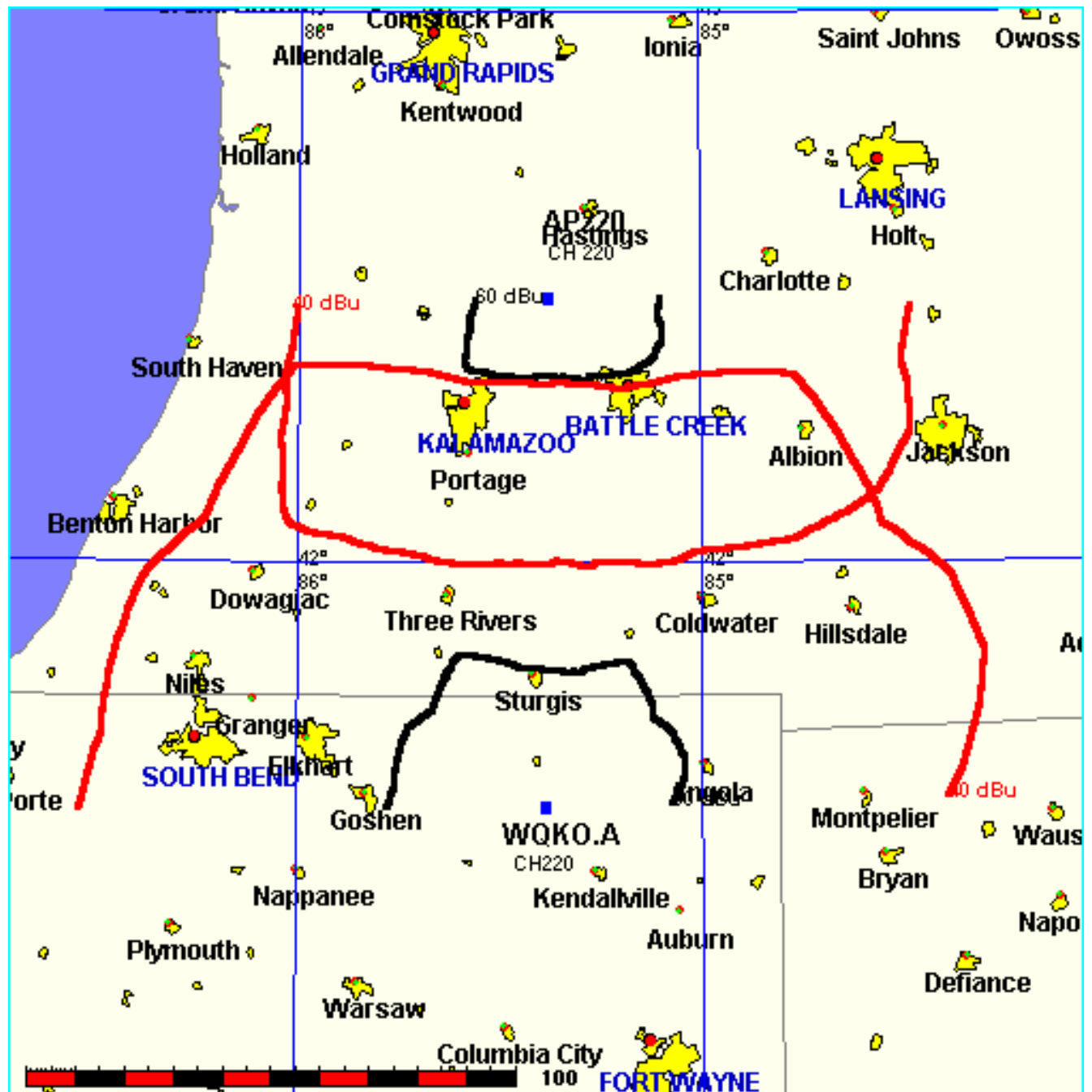


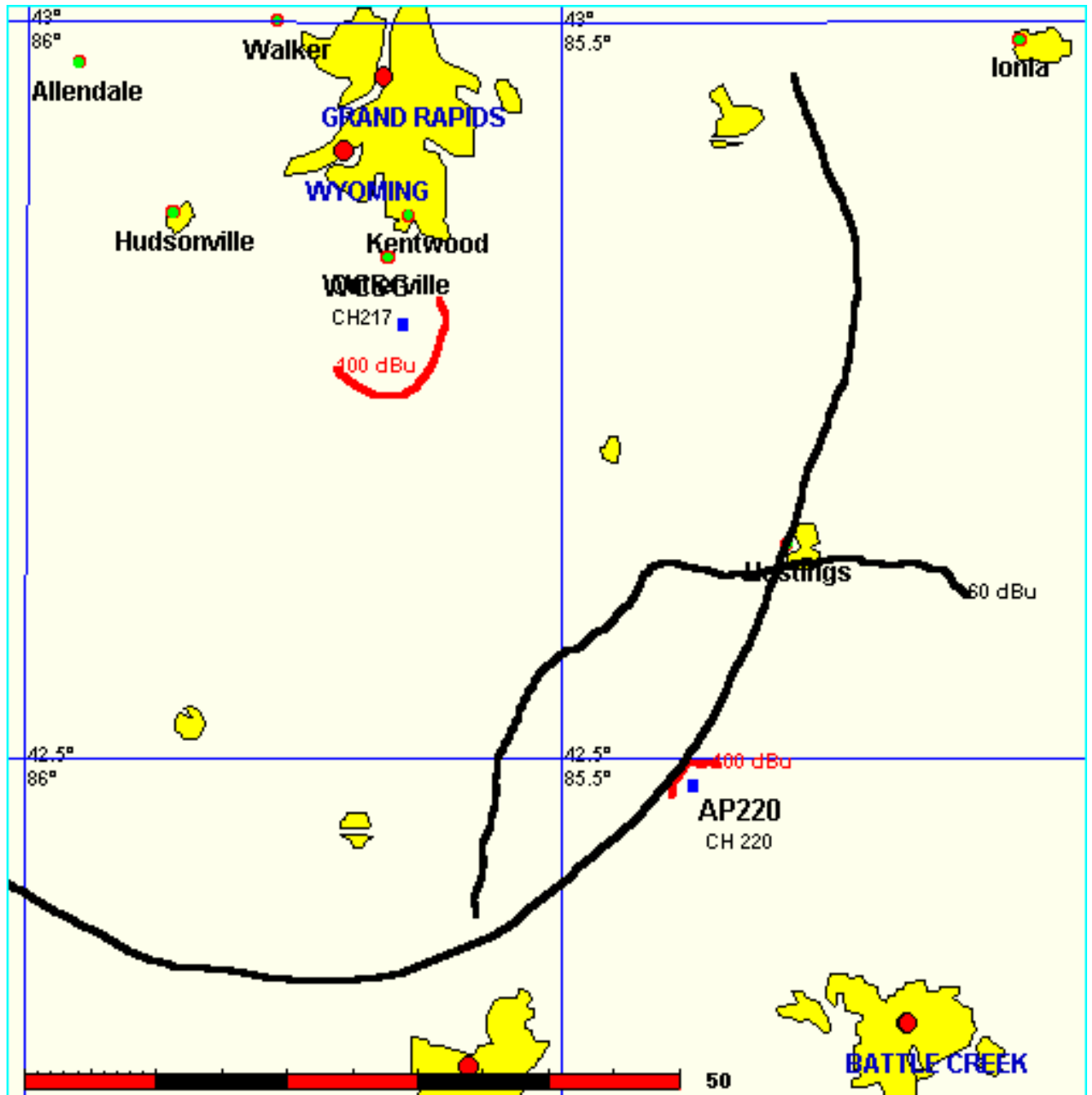
Exhibit 15
MI Richland

FMCommander Allocation Study
03-09-2005

AP220 CH 220 A
4.5 kW 381 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu

WCSG CH 217 B BLED19910801KA
37 kW, 400 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu

Scale = 1:750,



03-09-2005 03 Sec. Terrain Data

WCSG BLED19910801KA
Channel = 217B
Max ERP = 37 kW
RCAMSL = 400 M
N. Lat = 42 47 46
W. Lng = 85 38 58
Protected
60 dBu

AP220
Channel = 220A
Max ERP = 4.5 kW
RCAMSL = 381 M
N. Lat = 42 29 01
W. Lng = 85 22 45
Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
140.0	009.1761	0150.6	037.6	018.4	000.6928	0100.0	006.2	77.32
141.0	009.4584	0151.2	037.9	017.5	000.6846	0100.0	005.5	79.46
142.0	009.7448	0151.3	038.2	015.7	000.6670	0095.5	004.8	81.17
143.0	010.0356	0150.5	038.3	011.8	000.6305	0098.3	004.2	83.38
144.0	010.3306	0150.5	038.6	007.5	000.6144	0097.1	003.5	85.90
145.0	010.6300	0150.7	038.8	001.2	000.6144	0099.9	002.9	89.20
146.0	010.9335	0151.2	039.1	351.6	000.6144	0105.0	002.3	93.21
147.0	011.2414	0151.7	039.4	335.7	000.3963	0095.8	001.8	94.23
148.0	011.5535	0151.9	039.7	311.9	000.2904	0111.6	001.6	95.00<--
149.0	011.8699	0152.0	039.9	286.8	000.3353	0107.9	001.7	94.59
150.0	012.1906	0152.0	040.1	269.0	000.4807	0097.1	002.2	92.63
151.0	012.6364	0151.6	040.4	257.0	000.6686	0095.1	002.7	90.27
152.0	013.0901	0151.6	040.7	249.0	000.9607	0087.7	003.4	87.85
153.0	013.5519	0151.8	041.0	243.3	001.2584	0089.5	004.0	86.15
154.0	014.0216	0151.8	041.3	240.0	001.4498	0088.4	004.8	83.95
155.0	014.4994	0151.8	041.6	237.6	001.5954	0089.2	005.5	81.99
156.0	014.9852	0151.4	041.8	236.5	001.6671	0090.1	006.3	79.99
157.0	015.4790	0150.8	042.0	235.9	001.7082	0091.2	007.0	78.15
158.0	015.9807	0150.3	042.2	235.5	001.7320	0091.2	007.8	76.37
159.0	016.4905	0149.6	042.4	235.4	001.7394	0092.8	008.6	75.01
160.0	017.0083	0149.1	042.6	235.3	001.7440	0092.8	009.3	73.56

Exhibit 15
MI Richland

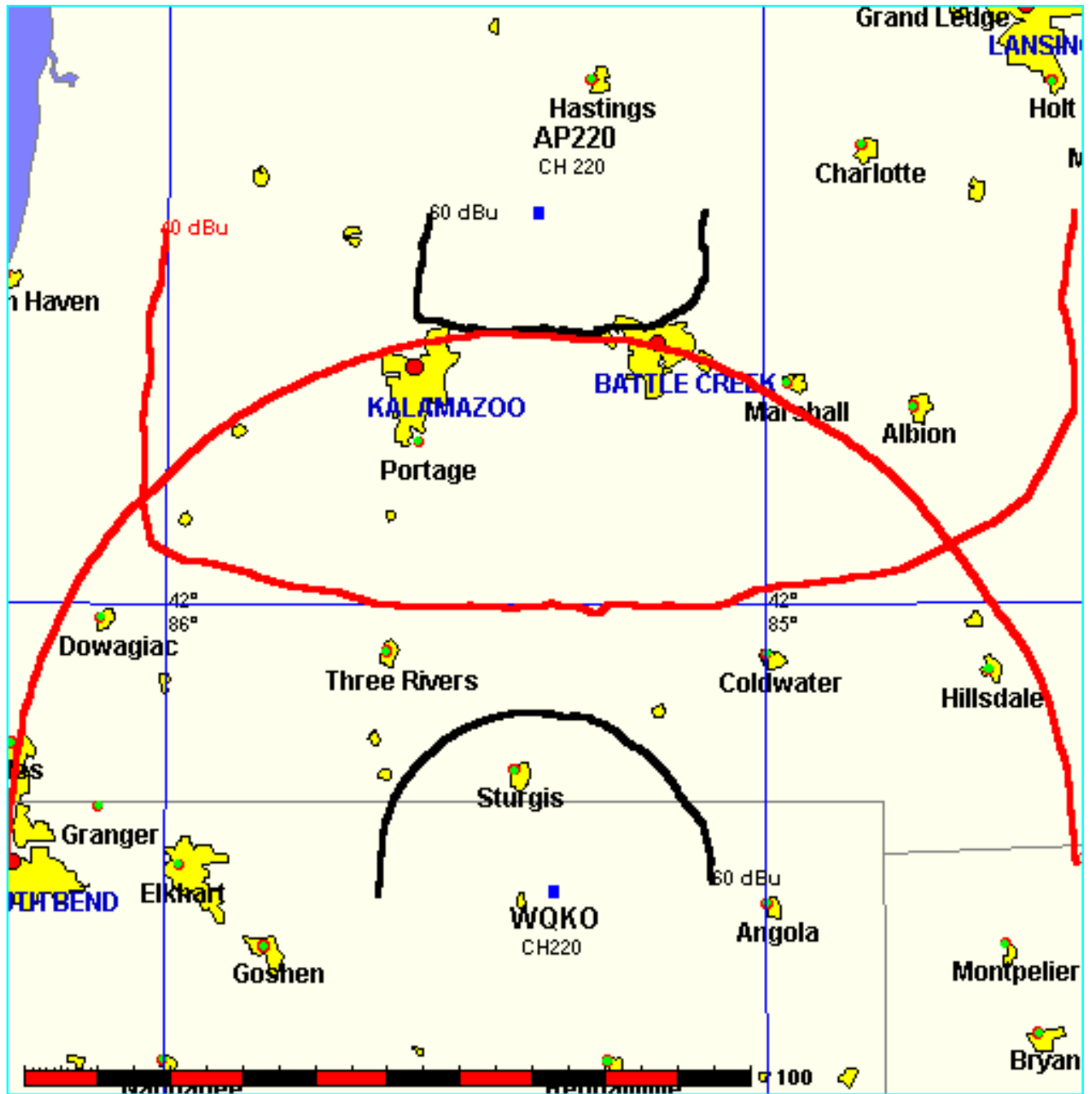
FMCommander Allocation Study
03-09-2005

AP220 CH 220 A
4.5 kW 381 M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

WQKO CH 220 A
3 kW, 375 M COR
Prot. = 60 dBu
Intef. = 40 dBu

BLEDD19940831KA

Scale = 1:1,35



03-09-2005

03 Sec. Terrain Data

FMOver Analysis

AP220

Channel = 220A

Max ERP = 4.5 kW

RCAMSL = 381 M

N. Lat = 42 29 01

W. Lng = 85 22 45

Protected

60 dBu

WQKO BLED19940831KA

Channel = 220A

Max ERP = 3 kW

RCAMSL = 375 M

N. Lat = 41 38 59

W. Lng = 85 21 12

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
130.0	002.2550	0100.7	022.8	011.0	003.0000	0098.8	079.5	38.93
131.0	002.1632	0101.7	022.7	010.8	003.0000	0098.8	079.2	39.02
132.0	002.0733	0102.5	022.5	010.6	003.0000	0098.8	078.9	39.09
133.0	001.9853	0103.8	022.4	010.4	003.0000	0098.9	078.6	39.17
134.0	001.8992	0104.7	022.3	010.1	003.0000	0098.9	078.4	39.24
135.0	001.8151	0104.4	022.0	009.8	003.0000	0098.9	078.2	39.29
136.0	001.7328	0103.6	021.7	009.5	003.0000	0099.1	078.1	39.33
137.0	001.6524	0102.6	021.4	009.1	003.0000	0099.1	078.0	39.36
138.0	001.5740	0101.8	021.0	008.7	003.0000	0099.1	077.9	39.38
139.0	001.4975	0101.5	020.8	008.4	003.0000	0099.2	077.8	39.42
140.0	001.4228	0101.1	020.4	008.1	003.0000	0099.2	077.7	39.44
141.0	001.3649	0101.2	020.2	007.8	003.0000	0099.2	077.6	39.48
142.0	001.3082	0101.4	020.1	007.5	003.0000	0099.2	077.5	39.51
143.0	001.2527	0101.4	019.8	007.2	003.0000	0099.4	077.4	39.55
144.0	001.1983	0100.7	019.6	006.9	003.0000	0099.4	077.4	39.55
145.0	001.1452	0100.6	019.3	006.6	003.0000	0099.4	077.3	39.57
146.0	001.0933	0100.4	019.1	006.3	003.0000	0098.1	077.3	39.51
147.0	001.0426	0100.4	018.8	006.0	003.0000	0098.1	077.2	39.52
148.0	000.9931	0101.1	018.7	005.7	003.0000	0098.1	077.2	39.54
149.0	000.9448	0102.0	018.5	005.5	003.0000	0097.1	077.1	39.51
150.0	000.8977	0103.5	018.4	005.2	003.0000	0097.1	077.0	39.54
151.0	000.8765	0104.6	018.4	005.0	003.0000	0097.1	076.8	39.59
152.0	000.8556	0106.2	018.4	004.8	003.0000	0097.1	076.6	39.65
153.0	000.8349	0107.5	018.4	004.6	003.0000	0097.1	076.4	39.70
154.0	000.8144	0108.6	018.4	004.4	003.0000	0097.0	076.3	39.73
155.0	000.7942	0109.1	018.4	004.2	003.0000	0097.0	076.2	39.76
156.0	000.7742	0109.3	018.3	003.9	003.0000	0097.0	076.1	39.78
157.0	000.7546	0109.1	018.1	003.7	003.0000	0097.0	076.1	39.78
158.0	000.7351	0109.1	018.0	003.4	003.0000	0097.0	076.1	39.80
159.0	000.7159	0109.0	017.8	003.2	003.0000	0097.0	076.1	39.80
160.0	000.6970	0107.8	017.6	002.9	003.0000	0097.0	076.2	39.77
161.0	000.6817	0106.2	017.4	002.6	003.0000	0097.0	076.3	39.74
162.0	000.6665	0105.9	017.2	002.4	003.0000	0097.2	076.3	39.74
163.0	000.6515	0105.7	017.1	002.1	003.0000	0097.2	076.3	39.74
164.0	000.6366	0105.5	017.0	001.9	003.0000	0097.2	076.4	39.73
165.0	000.6220	0105.6	016.9	001.7	003.0000	0097.2	076.4	39.73
166.0	000.6075	0105.1	016.7	001.4	003.0000	0097.5	076.4	39.72
167.0	000.5932	0105.5	016.6	001.2	003.0000	0097.5	076.4	39.72
168.0	000.5790	0105.7	016.5	001.0	003.0000	0097.5	076.5	39.71
169.0	000.5651	0105.9	016.4	000.7	003.0000	0097.5	076.5	39.70
170.0	000.5512	0107.2	016.4	000.5	003.0000	0097.5	076.4	39.72
171.0	000.5544	0109.5	016.7	000.3	003.0000	0098.6	076.2	39.86
172.0	000.5576	0110.3	016.8	000.1	003.0000	0098.6	076.0	39.90
173.0	000.5607	0106.6	016.5	359.9	003.0000	0098.6	076.3	39.83

174.0	000.5639	0104.1	016.3		359.7	003.0000	0098.6	076.4	39.78
175.0	000.5671	0102.3	016.1		359.5	003.0000	0099.7	076.6	39.80
176.0	000.5703	0101.3	016.0		359.2	003.0000	0099.7	076.6	39.78
177.0	000.5735	0099.3	015.9		359.0	003.0000	0099.7	076.8	39.74
178.0	000.5767	0098.1	015.8		358.8	003.0000	0099.7	076.9	39.72
179.0	000.5800	0099.2	015.9		358.6	003.0000	0099.7	076.7	39.76
180.0	000.5832	0100.1	016.0		358.4	003.0000	0099.4	076.6	39.77
181.0	000.5832	0100.7	016.1		358.2	003.0000	0099.4	076.6	39.78
182.0	000.5832	0100.6	016.1		358.0	003.0000	0099.4	076.6	39.78
183.0	000.5832	0100.7	016.1		357.8	003.0000	0099.4	076.6	39.77
184.0	000.5832	0101.4	016.2		357.6	003.0000	0099.4	076.6	39.78
185.0	000.5832	0101.7	016.2		357.4	003.0000	0100.1	076.6	39.81
186.0	000.5832	0101.0	016.1		357.2	003.0000	0100.1	076.7	39.78
187.0	000.5832	0101.7	016.2		357.0	003.0000	0100.1	076.7	39.79
188.0	000.5832	0103.0	016.3		356.7	003.0000	0100.1	076.6	39.81
189.0	000.5832	0103.4	016.4		356.5	003.0000	0100.1	076.6	39.80
190.0	000.5832	0103.5	016.4		356.3	003.0000	0100.9	076.7	39.83
191.0	000.5986	0103.4	016.5		356.1	003.0000	0100.9	076.6	39.84
192.0	000.6142	0103.1	016.6		355.9	003.0000	0100.9	076.6	39.85
193.0	000.6300	0103.0	016.7		355.6	003.0000	0100.9	076.6	39.85
194.0	000.6460	0102.8	016.8		355.4	003.0000	0102.1	076.6	39.91
195.0	000.6622	0102.8	016.9		355.2	003.0000	0102.1	076.6	39.92
196.0	000.6786	0102.9	017.0		354.9	003.0000	0102.1	076.6	39.92
197.0	000.6953	0102.7	017.1		354.7	003.0000	0102.1	076.6	39.92
198.0	000.7121	0102.8	017.2		354.5	003.0000	0102.5	076.6	39.94<--
199.0	000.7291	0102.6	017.3		354.2	003.0000	0102.5	076.6	39.93
200.0	000.7463	0102.1	017.4		354.0	003.0000	0102.5	076.7	39.91
201.0	000.7633	0102.1	017.5		353.8	003.0000	0102.5	076.7	39.89
202.0	000.7805	0102.2	017.6		353.5	003.0000	0102.5	076.8	39.88
203.0	000.7979	0101.7	017.7		353.3	003.0000	0103.2	076.9	39.89
204.0	000.8155	0101.0	017.7		353.1	003.0000	0103.2	077.0	39.85
205.0	000.8333	0100.9	017.8		352.9	003.0000	0103.2	077.1	39.83
206.0	000.8513	0100.1	017.8		352.7	003.0000	0103.2	077.2	39.79
207.0	000.8695	0099.5	017.9		352.5	003.0000	0104.0	077.4	39.79
208.0	000.8878	0099.9	018.0		352.2	003.0000	0104.0	077.4	39.77
209.0	000.9064	0100.2	018.1		352.0	003.0000	0104.0	077.5	39.74
210.0	000.9251	0100.7	018.3		351.7	003.0000	0104.0	077.6	39.72
211.0	000.9628	0101.1	018.5		351.4	003.0000	0104.3	077.6	39.73
212.0	001.0013	0101.4	018.7		351.1	003.0000	0104.3	077.7	39.72
213.0	001.0405	0101.5	018.9		350.9	003.0000	0104.3	077.7	39.70
214.0	001.0804	0101.3	019.1		350.6	003.0000	0104.3	077.8	39.67
215.0	001.1211	0100.9	019.2		350.4	003.0000	0104.4	078.0	39.64
216.0	001.1625	0100.2	019.3		350.1	003.0000	0104.4	078.1	39.59
217.0	001.2047	0099.4	019.4		349.9	003.0000	0104.4	078.3	39.54
218.0	001.2477	0099.0	019.6		349.7	003.0000	0104.4	078.5	39.49
219.0	001.2914	0098.6	019.7		349.4	003.0000	0104.4	078.7	39.44
220.0	001.3359	0098.0	019.8		349.2	003.0000	0104.4	078.9	39.39
221.0	001.4059	0097.3	020.0		349.0	003.0000	0104.4	079.0	39.34
222.0	001.4778	0096.6	020.2		348.7	003.0000	0104.4	079.2	39.29
223.0	001.5515	0096.7	020.4		348.4	003.0000	0104.5	079.3	39.26
224.0	001.6269	0097.6	020.7		348.1	003.0000	0104.5	079.4	39.23
225.0	001.7041	0098.6	021.1		347.7	003.0000	0104.5	079.6	39.20
226.0	001.7832	0099.9	021.5		347.4	003.0000	0105.0	079.7	39.19
227.0	001.8640	0099.0	021.6		347.2	003.0000	0105.0	079.9	39.11
228.0	001.9466	0098.3	021.7		346.9	003.0000	0105.0	080.2	39.04
229.0	002.0310	0097.4	021.9		346.7	003.0000	0105.0	080.5	38.96
230.0	002.1172	0096.1	021.9		346.6	003.0000	0105.0	080.8	38.87

Exhibit 15
MI Richland

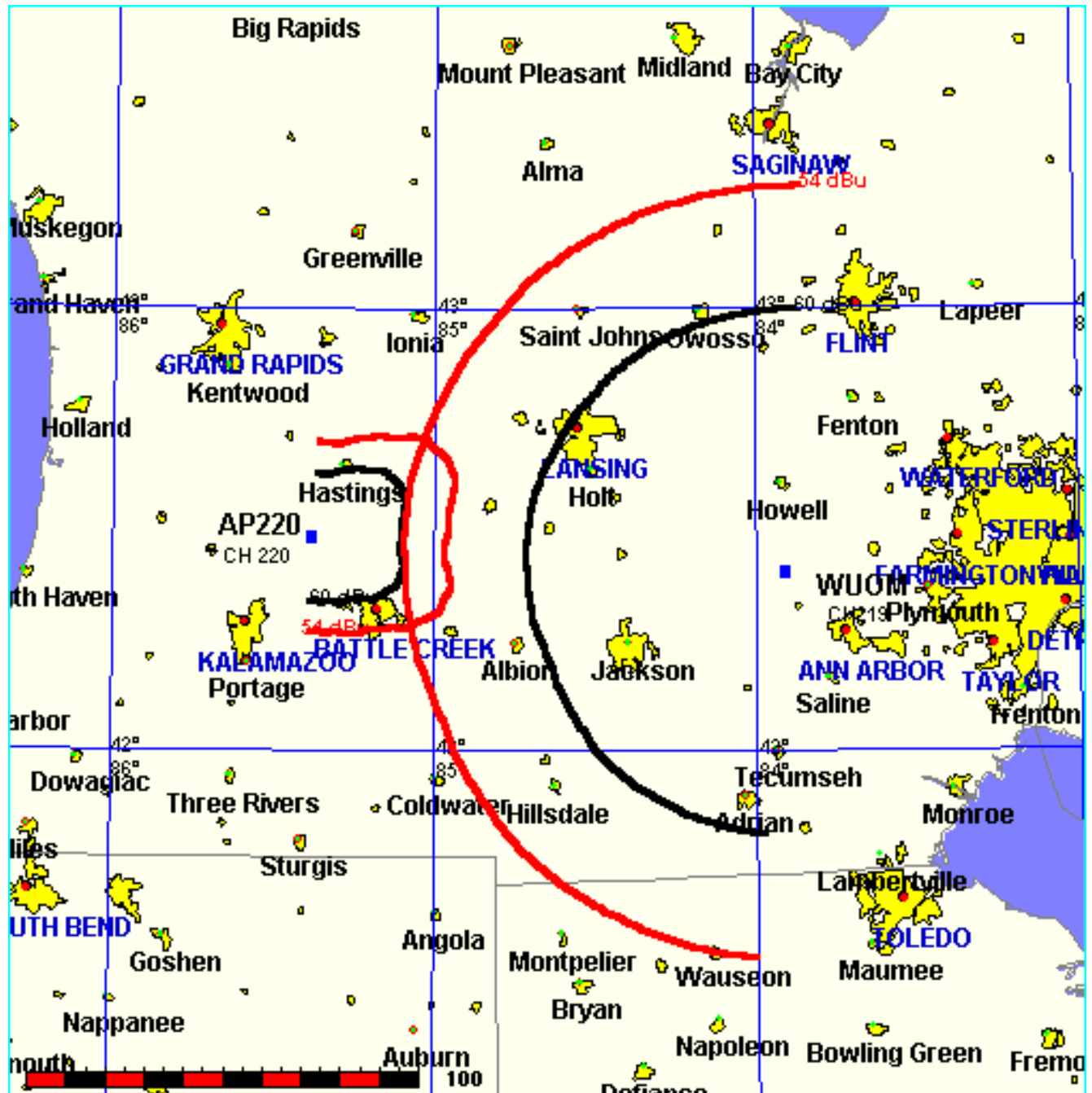
FMCommander Allocation Study
03-09-2005

AP220 CH 220 A
4.5 kW 381 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu

WUOM CH 219 B
93 kW, 513 M COR
Prot. = 60 dBu
Intef. = 54 dBu

BLD19990204KA

Scale = 1:2,500



03-09-2005

03 Sec. Terrain Data

FMOver Analysis

AP220

Channel = 220A

Max ERP = 4.5 kW

RCAMSL = 381 M

N. Lat = 42 29 01

W. Lng = 85 22 45

Protected

60 dBu

WUOM BLED19990204KA

Channel = 219B

Max ERP = 93 kW

RCAMSL = 513 M

N. Lat = 42 24 27

W. Lng = 83 54 50

Interfering

54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
050.0	002.8203	0110.6	025.0	284.1	093.0000	0238.1	104.2	52.14
051.0	002.9682	0109.4	025.2	284.0	093.0000	0238.1	103.7	52.26
052.0	003.1200	0105.8	025.1	283.8	093.0000	0238.1	103.4	52.34
053.0	003.2755	0102.9	025.0	283.6	093.0000	0238.1	103.1	52.43
054.0	003.4348	0101.7	025.2	283.5	093.0000	0238.1	102.7	52.55
055.0	003.5978	0100.5	025.3	283.4	093.0000	0238.2	102.3	52.67
056.0	003.7647	0099.5	025.4	283.3	093.0000	0238.2	101.9	52.79
057.0	003.9353	0099.2	025.6	283.2	093.0000	0238.2	101.4	52.93
058.0	004.1097	0098.2	025.8	283.1	093.0000	0238.2	101.0	53.05
059.0	004.2879	0097.0	025.9	282.9	093.0000	0238.2	100.6	53.16
060.0	004.4699	0095.9	026.0	282.8	093.0000	0238.2	100.3	53.28
061.0	004.4729	0095.5	025.9	282.6	093.0000	0238.2	100.0	53.36
062.0	004.4759	0095.1	025.9	282.4	093.0000	0237.7	099.7	53.42
063.0	004.4789	0094.2	025.8	282.1	093.0000	0237.7	099.6	53.48
064.0	004.4819	0094.7	025.8	281.9	093.0000	0237.7	099.2	53.57
065.0	004.4849	0094.8	025.9	281.7	093.0000	0237.7	098.9	53.66
066.0	004.4879	0094.2	025.8	281.5	093.0000	0236.0	098.7	53.67
067.0	004.4910	0093.6	025.7	281.3	093.0000	0236.0	098.6	53.73
068.0	004.4940	0093.1	025.6	281.0	093.0000	0236.0	098.4	53.78
069.0	004.4970	0092.6	025.6	280.8	093.0000	0236.0	098.2	53.84
070.0	004.5000	0091.5	025.4	280.5	093.0000	0236.0	098.1	53.87<--
071.0	004.3700	0090.4	025.1	280.2	093.0000	0234.6	098.1	53.81
072.0	004.2419	0089.8	024.9	279.9	093.0000	0234.6	098.2	53.80
073.0	004.1157	0089.6	024.7	279.6	093.0000	0234.6	098.1	53.81
074.0	003.9914	0089.5	024.5	279.3	093.0000	0234.6	098.1	53.81
075.0	003.8690	0089.5	024.3	279.1	093.0000	0234.6	098.1	53.81
076.0	003.7485	0089.3	024.1	278.8	093.0000	0234.6	098.1	53.81
077.0	003.6299	0089.2	023.9	278.5	093.0000	0234.6	098.2	53.80
078.0	003.5132	0089.1	023.8	278.3	093.0000	0234.7	098.2	53.79
079.0	003.3985	0089.2	023.6	278.0	093.0000	0234.7	098.2	53.79
080.0	003.2856	0089.2	023.4	277.7	093.0000	0234.7	098.3	53.77
081.0	003.2590	0089.5	023.4	277.5	093.0000	0234.7	098.2	53.80
082.0	003.2325	0089.8	023.4	277.3	093.0000	0234.2	098.1	53.82
083.0	003.2062	0090.0	023.4	277.0	093.0000	0234.2	098.0	53.84
084.0	003.1799	0089.6	023.3	276.8	093.0000	0234.2	098.0	53.84
085.0	003.1537	0089.0	023.2	276.6	093.0000	0234.2	098.0	53.83
086.0	003.1277	0089.0	023.1	276.3	093.0000	0233.9	098.0	53.83
087.0	003.1018	0089.4	023.1	276.1	093.0000	0233.9	097.9	53.85
088.0	003.0759	0089.9	023.1	275.9	093.0000	0233.9	097.9	53.87<--
089.0	003.0502	0089.4	023.0	275.6	093.0000	0233.9	097.9	53.85
090.0	003.0246	0088.9	022.9	275.4	093.0000	0233.8	098.0	53.83
091.0	003.0076	0088.7	022.9	275.1	093.0000	0233.8	098.0	53.82
092.0	002.9906	0088.5	022.8	274.9	093.0000	0233.8	098.1	53.81
093.0	002.9737	0087.6	022.7	274.7	093.0000	0233.8	098.2	53.77

094.0	002.9568	0087.4	022.6		274.4	093.0000	0233.2	098.2	53.73
095.0	002.9400	0087.4	022.6		274.2	093.0000	0233.2	098.3	53.72
096.0	002.9232	0087.8	022.6		274.0	093.0000	0233.2	098.3	53.72
097.0	002.9065	0088.1	022.6		273.7	093.0000	0233.2	098.3	53.71
098.0	002.8898	0088.5	022.6		273.5	093.0000	0233.2	098.3	53.71
099.0	002.8732	0088.9	022.6		273.3	093.0000	0231.1	098.3	53.63
100.0	002.8566	0089.5	022.7		273.0	093.0000	0231.1	098.3	53.63
101.0	002.9568	0090.8	023.0		272.8	093.0000	0231.1	098.1	53.72
102.0	003.0588	0091.8	023.3		272.5	093.0000	0231.1	097.8	53.79
103.0	003.1625	0092.3	023.6		272.3	093.0000	0229.5	097.7	53.78
104.0	003.2679	0092.3	023.8		272.0	093.0000	0229.5	097.6	53.81
105.0	003.3750	0092.2	023.9		271.7	093.0000	0229.5	097.5	53.83
106.0	003.4839	0092.1	024.1		271.5	093.0000	0228.9	097.5	53.82
107.0	003.5945	0091.9	024.2		271.2	093.0000	0228.9	097.4	53.83
108.0	003.7068	0091.8	024.4		270.9	093.0000	0228.9	097.4	53.84
109.0	003.8208	0091.7	024.5		270.7	093.0000	0228.9	097.4	53.84
110.0	003.9366	0091.3	024.7		270.4	093.0000	0228.0	097.5	53.80
111.0	003.8995	0091.2	024.6		270.2	093.0000	0228.0	097.7	53.73
112.0	003.8627	0091.3	024.6		270.0	093.0000	0228.0	097.9	53.67
113.0	003.8260	0091.4	024.5		269.7	093.0000	0228.0	098.1	53.61
114.0	003.7894	0091.4	024.5		269.5	093.0000	0228.0	098.3	53.54
115.0	003.7531	0091.7	024.5		269.3	093.0000	0227.1	098.5	53.45
116.0	003.7169	0092.6	024.5		269.1	093.0000	0227.1	098.6	53.41
117.0	003.6809	0093.4	024.6		268.8	093.0000	0227.1	098.8	53.36
118.0	003.6451	0094.1	024.6		268.6	093.0000	0227.1	099.0	53.31
119.0	003.6094	0094.8	024.6		268.4	093.0000	0226.7	099.2	53.24
120.0	003.5739	0095.4	024.6		268.2	093.0000	0226.7	099.4	53.17
121.0	003.4284	0096.1	024.5		268.0	093.0000	0226.7	099.7	53.07
122.0	003.2860	0096.8	024.3		267.9	093.0000	0226.7	100.1	52.96
123.0	003.1465	0097.1	024.1		267.7	093.0000	0226.7	100.5	52.84
124.0	003.0101	0097.5	023.9		267.6	093.0000	0226.7	100.9	52.72
125.0	002.8767	0097.6	023.7		267.5	093.0000	0226.7	101.4	52.59
126.0	002.7463	0097.8	023.5		267.4	093.0000	0226.7	101.8	52.46
127.0	002.6189	0098.1	023.3		267.3	093.0000	0226.7	102.2	52.34
128.0	002.4946	0098.8	023.1		267.2	093.0000	0226.7	102.6	52.23
129.0	002.3733	0099.6	022.9		267.1	093.0000	0226.7	103.0	52.11
130.0	002.2550	0100.7	022.8		267.0	093.0000	0226.7	103.4	52.00
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