ALLTEL CORPORATION
601 Pennsylvania Avenue, N.W.
Suite 720
Washington, DC 20004
202-783-3970
202-783-3982 fax

ORIGINAL

ALLTEL

May 9, 2001

EX PARTE OR LATE FILED

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MAY - 9 2001
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Via Hand Delivery

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
445 12th Street, SW, Room TW-A325
Washington, D.C. 20554

Re: ALLTEL Corporation
Written Ex Parte Presentation
Gulf of Mexico Cellular
CC Docket No. 90-6
WT Docket No. 97-112

Dear Ms. Salas:

On behalf of ALLTEL Corporation ("ALLTEL"), I transmit herewith for inclusion in the record two copies of documents comprising a written Ex Parte presentation directed to the staff of the Wireless Telecommunications Bureau with respect to the above-referenced proceeding. The documents consist of ALLTEL's proposal to the Block B Cellular licensee in the Gulf of Mexico Service Area.

Please direct any questions respecting this filing to the undersigned.

Very truly yours,

Glenn S. Rabin
Vice President
Federal Regulatory Affairs

Cc: David Furth, Esq.
Lauren Kravitz, Esq.
Michael Ferrante, Esq.

No. of Copies rec'd 0+1
List A B C D E

ALLTEL Communications
14055 Riveredge Drive
Suite 600
Tampa, Florida 33637

Paul R. Bowersock
Market Area President – Florida

813-632-2221
813-866-1000 - fax

May 8, 2001

Mr. Jay Seid
Managing Director
Bachow & Associates, Inc.
3 Bala Plaza East, 5th Floor
Bala Cynwyd, Pennsylvania 19004

VIA FACSIMILE and Federal Express Air Bill # 8282 0666 6605

Dear Mr. Seid:

The materials I forwarded to you on May 1st should have included the attached engineering parameters upon which the best server map was based. I regret the delay in getting these materials to you inasmuch as they are the substance of our proposal and you really could not understand our proposal without them. For your convenience, included with this package are copies of the original documents sent to you on May 2.

Please let me know your thoughts after you've taken the time to review the materials with your technical staff.

I apologies for this delay in getting the enclosed engineering parameters to you. If you have questions regarding these documents, you may reach me at 813-632-2221.

Sincerely,

Paul R. Bowersock

PRB/ow

Attachment

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 4, IRVINGTON | Existing_Analog_Current (1004), Antenna # 1
Lat: 30 30 16.00 N
Lon: 88 13 44.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 0, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 37.5 meters AMSL
Radiation Center: 86.9 meters AGL

Radiation Center: 124.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 1114.43 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	41.2	83.1	83.1	95.50	95.50	24.695
45.0	10.7	113.6	113.6	56.23	56.23	25.098
90.0	5.5	118.9	118.9	9.77	9.77	18.928
135.0	5.6	118.7	118.7	1.15	1.15	13.147
180.0	9.5	114.9	114.9	0.25	0.25	10.002
225.0	21.2	103.1	103.1	1.02	1.02	12.290
270.0	30.5	93.9	93.9	10.72	10.72	17.743
315.0	37.3	87.1	87.1	57.54	57.54	23.018
Average:	20.2	104.2				18.115

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola

MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 4, IRVINGTON | Existing_Analog_Current (1004), Antenna # 2
Lat: 30 30 16.00 N
Lon: 88 13 44.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 120, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 37.5 meters AMSL
Radiation Center: 86.9 meters AGL

Radiation Center: 124.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 1190.65 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	41.2	83.1	83.1	2.14	2.14	12.945
45.0	10.7	113.6	113.6	20.42	20.42	21.127
90.0	5.5	118.9	118.9	75.86	75.86	26.816
135.0	5.6	118.7	118.7	93.33	93.33	27.768
180.0	9.5	114.9	114.9	37.15	37.15	23.479
225.0	21.2	103.1	103.1	3.98	3.98	15.482
270.0	30.5	93.9	93.9	0.40	0.40	10.138
315.0	37.3	87.1	87.1	0.11	0.20	8.791
Average:	20.2	104.2				18.318

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 4, IRVINGTON | Existing_Analog_Current (1004), Antenna # 3

Lat: 30 30 16.00 N
Lon: 88 13 44.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 240, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 37.5 meters AMSL
Radiation Center: 86.9 meters AGL

Radiation Center: 124.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 1124.50 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	41.2	83.1	83.1	2.29	2.29	13.098
45.0	10.7	113.6	113.6	0.12	0.20	9.623
90.0	5.5	118.9	118.9	0.46	0.46	11.246
135.0	5.6	118.7	118.7	4.47	4.47	16.563
180.0	9.5	114.9	114.9	38.90	38.90	23.663
225.0	21.2	103.1	103.1	91.20	91.20	26.366
270.0	30.5	93.9	93.9	75.86	75.86	24.748
315.0	37.3	87.1	87.1	19.05	19.05	19.076
Average:	20.2	104.2				18.048

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 6, GULF_SHORES | Existing_Analog_Current (1006), Antenna # 1
Lat: 30 20 51.00 N
Lon: 87 37 43.00 W
Address:

Antenna: V:\TECC\ANTENNA\ALP9214N.APF, Azm 0, Tilt 0
Make : Swedcom Corporation
Model : ALP9214 N
Maxgain : 13.50
MaxErp : 150.00
Beamwidth: 95

Base Elevation : 9.0 meters AMSL
Radiation Center: 91.4 meters AGL

Radiation Center: 100.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 1082.43 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	28.5	71.9	71.9	150.00	150.00	25.381
45.0	23.4	77.0	77.0	84.35	84.35	23.557
90.0	10.4	90.1	90.1	12.48	12.48	17.955
135.0	2.0	98.5	98.5	1.01	1.01	12.079
180.0	2.9	97.5	97.5	0.12	0.30	9.787
225.0	3.5	96.9	96.9	1.11	1.11	12.204
270.0	11.5	88.9	88.9	13.37	13.37	18.087
315.0	26.2	74.3	74.3	86.32	86.32	23.360
Average:	13.5	86.9				17.801

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 6, GULF_SHORES | Existing_Analog_Current (1006), Antenna # 2
Lat: 30 20 51.00 N
Lon: 87 37 43.00 W
Address:

Antenna: V:\TECC\ANTENNA\ALP9214N.APF, Azm 120, Tilt 3
Make : Swedcom Corporation
Model : ALP9214 N
Maxgain : 13.50
MaxErp : 40.00
Beamwidth: 95

Base Elevation : 9.0 meters AMSL
Radiation Center: 91.4 meters AGL

Radiation Center: 100.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 730.52 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	28.5	71.9	71.9	0.82	0.82	10.476
45.0	23.4	77.0	77.0	10.22	10.22	16.456
90.0	10.4	90.1	90.1	23.19	23.19	19.951
135.0	2.0	98.5	98.5	26.84	26.84	21.080
180.0	2.9	97.5	97.5	17.46	17.46	19.529
225.0	3.5	96.9	96.9	1.47	1.47	12.804
270.0	11.5	88.9	88.9	0.06	0.10	7.869
315.0	26.2	74.3	74.3	0.02	0.10	7.402
Average:	13.5	86.9				14.446

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 6, GULF_SHORES | Existing_Analog_Current (1006), Antenna # 3
Lat: 30 20 51.00 N
Lon: 87 37 43.00 W
Address:

Antenna: V:\TECC\ANTENNA\ALP9214N.APF, Azm 240, Tilt 3
Make : Swedcom Corporation
Model : ALP9214 N
Maxgain : 13.50

MaxErp : 40.00
Beamwidth: 95

Base Elevation : 9.0 meters AMSL
Radiation Center: 91.4 meters AGL

Radiation Center: 100.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 727.04 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	28.5	71.9	71.9	0.77	0.77	10.354
45.0	23.4	77.0	77.0	0.01	0.10	7.494
90.0	10.4	90.1	90.1	0.08	0.10	7.904
135.0	2.0	98.5	98.5	1.54	1.54	12.974
180.0	2.9	97.5	97.5	18.28	18.28	19.683
225.0	3.5	96.9	96.9	26.84	26.84	20.967
270.0	11.5	88.9	88.9	23.19	23.19	19.863
315.0	26.2	74.3	74.3	9.76	9.76	16.127
Average:	13.5	86.9				14.421

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 28, DAUPHIN_ISLAND | Existing_Analog_Current (1028), Antenna # 1
Lat: 30 15 24.00 N
Lon: 88 6 51.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 0, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 200.00
Beamwidth: 102

Base Elevation : 1.8 meters AMSL
Radiation Center: 30.5 meters AGL

Radiation Center: 32.3 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 654.69 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	1.2	31.1	31.1	191.00	191.00	19.879
45.0	0.0	32.3	32.3	112.47	112.47	18.407
90.0	0.0	32.3	32.3	19.54	19.54	13.667
135.0	0.0	32.3	32.3	2.30	2.30	9.499
180.0	0.0	32.3	32.3	0.49	0.49	7.308
225.0	0.0	32.3	32.3	2.05	2.05	9.315
270.0	0.0	32.3	32.3	21.43	21.43	13.886
315.0	0.0	32.3	32.3	115.09	115.09	18.479
Average:	0.2	32.1				13.805

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 28, DAUPHIN_ISLAND | Existing_Analog_Current (1028), Antenna # 2
Lat: 30 15 24.00 N
Lon: 88 6 51.00 W
Address:

Antenna: V:\TECC\ANTENNA\ALP4016N.APF, Azm 100, Tilt 0
Make : Swedcom Corporation
Model : ALP4016 N
Maxgain : 15.70
MaxErp : 100.00
Beamwidth: 40

Base Elevation : 1.8 meters AMSL
Radiation Center: 30.5 meters AGL

Radiation Center: 32.3 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 283.43 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	1.2	31.1	31.1	0.17	0.20	6.191
45.0	0.0	32.3	32.3	1.32	1.32	8.644
90.0	0.0	32.3	32.3	81.28	81.28	17.414
135.0	0.0	32.3	32.3	10.72	10.72	12.342
180.0	0.0	32.3	32.3	0.65	0.65	7.656
225.0	0.0	32.3	32.3	0.02	0.20	6.273
270.0	0.0	32.3	32.3	0.01	0.20	6.273
315.0	0.0	32.3	32.3	0.02	0.20	6.273
Average:	0.2	32.1				8.883

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 28, DAUPHIN_ISLAND | Existing_Analog_Current (1028), Antenna # 3
Lat: 30 15 24.00 N
Lon: 88 6 51.00 W
Address:

Antenna: V:\TECC\ANTENNA\ALP4016N.APF, Azm 260, Tilt 0
Make : Swedcom Corporation
Model : ALP4016 N
Maxgain : 15.70
MaxErp : 40.00
Beamwidth: 40

Base Elevation : 1.8 meters AMSL
Radiation Center: 30.5 meters AGL

Radiation Center: 32.3 meters AMSL

Maximum Allowable Erp: 500.00

FCC normal HAAT limits used

Area under contour: 210.64 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	1.2	31.1	31.1	0.09	0.10	5.503
45.0	0.0	32.3	32.3	0.00	0.10	5.576
90.0	0.0	32.3	32.3	0.01	0.10	5.574
135.0	0.0	32.3	32.3	0.01	0.10	5.576
180.0	0.0	32.3	32.3	0.21	0.21	6.350
225.0	0.0	32.3	32.3	3.73	3.73	10.317
270.0	0.0	32.3	32.3	33.27	33.27	14.964
315.0	0.0	32.3	32.3	0.66	0.66	7.692
Average:	0.2	32.1				7.694

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 29, POINT_CLEAR | Existing_Analog_Current (1029), Antenna # 1
Lat: 30 30 1.00 N
Lon: 87 54 20.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 0, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 150.00
Beamwidth: 102

Base Elevation : 33.5 meters AMSL
Radiation Center: 73.2 meters AGL

Radiation Center: 106.6 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 1174.78 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	26.5	80.1	80.1	143.25	143.25	26.125
45.0	39.3	67.3	67.3	84.35	84.35	22.508
90.0	29.1	77.5	77.5	14.66	14.66	17.534
135.0	23.4	83.2	83.2	1.72	1.72	12.482
180.0	10.1	96.5	96.5	0.37	0.37	10.099
225.0	0.2	106.5	106.5	1.53	1.53	13.310
270.0	0.0	106.6	106.6	16.07	16.07	19.852
315.0	0.0	106.6	106.6	86.32	86.32	26.419
Average:	16.1	90.6				18.541

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 29, POINT_CLEAR | Existing_Analog_Current (1029), Antenna # 2
Lat: 30 30 1.00 N
Lon: 87 54 20.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 120, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 150.00
Beamwidth: 102

Base Elevation : 33.5 meters AMSL
Radiation Center: 73.2 meters AGL

Radiation Center: 106.6 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 1139.06 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	26.5	80.1	80.1	3.21	3.21	13.695

45.0	39.3	67.3	67.3	30.63	30.63	18.947
90.0	29.1	77.5	77.5	113.79	113.79	24.842
135.0	23.4	83.2	83.2	139.99	139.99	26.362
180.0	10.1	96.5	96.5	55.73	55.73	23.707
225.0	0.2	106.5	106.5	5.97	5.97	16.768
270.0	0.0	106.6	106.6	0.60	0.60	11.343
315.0	0.0	106.6	106.6	0.16	0.30	10.090
Average:	16.1	90.6				18.219

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 29, POINT_CLEAR | Existing_Analog_Current (1029), Antenna # 3
Lat: 30 30 1.00 N
Lon: 87 54 20.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80017.APF, Azm 210, Tilt 0
Make : Antel
Model : RWA-80017
Maxgain : 17.00
MaxErp : 100.00
Beamwidth: 62

Base Elevation : 33.5 meters AMSL
Radiation Center: 73.2 meters AGL

Radiation Center: 106.6 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 884.24 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	26.5	80.1	80.1	0.35	0.35	9.419
45.0	39.3	67.3	67.3	0.05	0.20	8.055
90.0	29.1	77.5	77.5	0.72	0.72	10.516
135.0	23.4	83.2	83.2	5.37	5.37	15.144
180.0	10.1	96.5	96.5	54.95	54.95	23.650

225.0	0.2	106.5	106.5	85.11	85.11	26.342
270.0	0.0	106.6	106.6	13.49	13.49	19.270
315.0	0.0	106.6	106.6	1.41	1.41	13.130
Average:	16.1	90.6				15.691

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 31, FOLEY | Existing_Analog_Current (1031), Antenna # 1
Lat: 30 25 13.00 N
Lon: 87 43 51.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 0, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 11.6 meters AMSL
Radiation Center: 86.3 meters AGL

Radiation Center: 97.8 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 866.67 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	37.8	60.1	60.1	95.50	95.50	22.114
45.0	35.8	62.0	62.0	56.23	56.23	20.430
90.0	29.2	68.6	68.6	9.77	9.77	15.703
135.0	17.1	80.7	80.7	1.15	1.15	11.530
180.0	11.7	86.1	86.1	0.25	0.25	9.069
225.0	11.3	86.5	86.5	1.02	1.02	11.576
270.0	20.6	77.3	77.3	10.72	10.72	16.607
315.0	29.5	68.3	68.3	57.54	57.54	21.196

Average:	24.1	73.7	16.028

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 31, FOLEY | Existing_Analog_Current (1031), Antenna # 2
Lat: 30 25 13.00 N
Lon: 87 43 51.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 120, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 45.00
Beamwidth: 102

Base Elevation : 11.6 meters AMSL
Radiation Center: 86.3 meters AGL

Radiation Center: 97.8 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 692.23 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	37.8	60.1	60.1	0.96	0.96	10.121
45.0	35.8	62.0	62.0	9.19	9.19	15.014
90.0	29.2	68.6	68.6	34.14	34.14	19.423
135.0	17.1	80.7	80.7	42.00	42.00	21.260
180.0	11.7	86.1	86.1	16.72	16.72	18.587
225.0	11.3	86.5	86.5	1.79	1.79	12.732
270.0	20.6	77.3	77.3	0.18	0.18	8.284
315.0	29.5	68.3	68.3	0.05	0.10	7.195

Average:	24.1	73.7	14.077

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 31, FOLEY | Existing_Analog_Current (1031), Antenna # 3
Lat: 30 25 13.00 N
Lon: 87 43 51.00 W
Address:

Antenna: V:\TECC\ANTENNA\7907-8.APF, Azm 250, Tilt 0
Make : Antel International, Inc.
Model : LPD 7907/8
Maxgain : 16.00
MaxErp : 200.00
Beamwidth: 78

Base Elevation : 11.6 meters AMSL
Radiation Center: 86.3 meters AGL

Radiation Center: 97.8 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 930.58 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	37.8	60.1	60.1	0.86	0.86	9.934
45.0	35.8	62.0	62.0	0.28	0.40	8.813
90.0	29.2	68.6	68.6	0.00	0.40	9.121
135.0	17.1	80.7	80.7	0.43	0.43	9.741
180.0	11.7	86.1	86.1	15.87	15.87	18.423
225.0	11.3	86.5	86.5	152.38	152.38	27.099
270.0	20.6	77.3	77.3	167.43	167.43	26.500
315.0	29.5	68.3	68.3	16.24	16.24	17.095
Average:	24.1	73.7				15.841

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC

Switch: MoPen Analog

Cell: # 35, GULF_SHORES_BEACH | Existing_Analog_Current (1035), Antenna # 1
Lat: 30 15 33.00 N
Lon: 87 42 31.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 0, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 1.2 meters AMSL
Radiation Center: 55.2 meters AGL

Radiation Center: 56.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 700.99 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	10.6	45.8	45.8	95.50	95.50	20.159
45.0	8.6	47.8	47.8	56.23	56.23	18.699
90.0	0.7	55.7	55.7	9.77	9.77	14.629
135.0	0.0	56.4	56.4	1.15	1.15	10.206
180.0	0.0	56.4	56.4	0.25	0.25	7.852
225.0	0.0	56.4	56.4	1.02	1.02	10.009
270.0	0.8	55.5	55.5	10.72	10.72	14.844
315.0	9.9	46.5	46.5	57.54	57.54	18.601
Average:	3.8	52.6				14.375

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 35, GULF_SHORES_BEACH | Existing_Analog_Current (1035), Antenn

a # 2
Lat: 30 15 33.00 N
Lon: 87 42 31.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 120, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 1.2 meters AMSL
Radiation Center: 55.2 meters AGL

Radiation Center: 56.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 726.81 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	10.6	45.8	45.8	2.14	2.14	10.568
45.0	8.6	47.8	47.8	20.42	20.42	15.741
90.0	0.7	55.7	55.7	75.86	75.86	20.726
135.0	0.0	56.4	56.4	93.33	93.33	21.556
180.0	0.0	56.4	56.4	37.15	37.15	18.432
225.0	0.0	56.4	56.4	3.98	3.98	12.609
270.0	0.8	55.5	55.5	0.40	0.40	8.481
315.0	9.9	46.5	46.5	0.11	0.20	7.104
Average:	3.8	52.6				14.402

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 35, GULF_SHORES_BEACH | Existing_Analog_Current (1035), Antenn
a # 3
Lat: 30 15 33.00 N
Lon: 87 42 31.00 W

Address:

Antenna: V:\TECC\ANTENNA\ALP4016N.APF, Azm 240, Tilt 0
Make : Swedcom Corporation
Model : ALP4016 N
Maxgain : 15.70
MaxErp : 190.00
Beamwidth: 40

Base Elevation : 1.2 meters AMSL
Radiation Center: 55.2 meters AGL

Radiation Center: 56.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 509.64 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	10.6	45.8	45.8	0.07	0.38	7.878
45.0	8.6	47.8	47.8	0.04	0.38	7.996
90.0	0.7	55.7	55.7	0.03	0.38	8.423
135.0	0.0	56.4	56.4	0.24	0.38	8.457
180.0	0.0	56.4	56.4	2.13	2.13	11.339
225.0	0.0	56.4	56.4	119.88	119.88	22.494
270.0	0.8	55.5	55.5	36.20	36.20	18.258
315.0	9.9	46.5	46.5	1.54	1.54	10.056
Average:	3.8	52.6				11.863

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 38, LILLIAN | Existing_Analog_Current (1038), Antenna # 1
Lat: 30 24 26.00 N
Lon: 87 29 49.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 0, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 25.3 meters AMSL
Radiation Center: 58.2 meters AGL

Radiation Center: 83.5 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 849.90 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	15.6	68.0	68.0	95.50	95.50	23.059
45.0	14.3	69.2	69.2	56.23	56.23	21.206
90.0	7.0	76.5	76.5	9.77	9.77	16.296
135.0	5.1	78.4	78.4	1.15	1.15	11.416
180.0	1.8	81.7	81.7	0.25	0.25	8.908
225.0	12.6	70.9	70.9	1.02	1.02	10.821
270.0	24.0	59.6	59.6	10.72	10.72	15.201
315.0	29.8	53.7	53.7	57.54	57.54	19.526
Average:	13.8	69.7				15.804

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 38, LILLIAN | Existing_Analog_Current (1038), Antenna # 2
Lat: 30 24 26.00 N
Lon: 87 29 49.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 120, Tilt 0
Make : Antel

Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 25.3 meters AMSL
Radiation Center: 58.2 meters AGL

Radiation Center: 83.5 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 903.57 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	15.6	68.0	68.0	2.14	2.14	12.088
45.0	14.3	69.2	69.2	20.42	20.42	17.851
90.0	7.0	76.5	76.5	75.86	75.86	23.088
135.0	5.1	78.4	78.4	93.33	93.33	24.111
180.0	1.8	81.7	81.7	37.15	37.15	20.910
225.0	12.6	70.9	70.9	3.98	3.98	13.632
270.0	24.0	59.6	59.6	0.40	0.40	8.685
315.0	29.8	53.7	53.7	0.11	0.20	7.457
Average:	13.8	69.7				15.978

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 38, LILLIAN | Existing_Analog_Current (1038), Antenna # 3
Lat: 30 24 26.00 N
Lon: 87 29 49.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 240, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 25.3 meters AMSL
Radiation Center: 58.2 meters AGL

Radiation Center: 83.5 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 857.94 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	15.6	68.0	68.0	2.29	2.29	12.231
45.0	14.3	69.2	69.2	0.12	0.20	8.131
90.0	7.0	76.5	76.5	0.46	0.46	9.682
135.0	5.1	78.4	78.4	4.47	4.47	14.382
180.0	1.8	81.7	81.7	38.90	38.90	21.075
225.0	12.6	70.9	70.9	91.20	91.20	23.214
270.0	24.0	59.6	59.6	75.86	75.86	21.201
315.0	29.8	53.7	53.7	19.05	19.05	16.181
Average:	13.8	69.7				15.762

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 39, BAYOU_LA_BATRE | Existing_Analog_Current (1039), Antenna # 1
Lat: 30 24 15.00 N
Lon: 88 14 50.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 0, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 2.1 meters AMSL
Radiation Center: 58.2 meters AGL

Radiation Center: 60.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 664.91 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	35.9	24.4	29.9	95.50	95.50	17.436
45.0	9.2	51.2	51.2	56.23	56.23	19.137
90.0	3.0	57.4	57.4	9.77	9.77	14.776
135.0	1.1	59.2	59.2	1.15	1.15	10.378
180.0	0.0	60.4	60.4	0.25	0.25	8.035
225.0	0.0	60.4	60.4	1.02	1.02	10.242
270.0	2.2	58.2	58.2	10.72	10.72	15.081
315.0	19.6	40.8	40.8	57.54	57.54	17.782
Average:	8.9	51.5				14.109

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 39, BAYOU_LA_BATRE | Existing_Analog_Current (1039), Antenna # 2
Lat: 30 24 15.00 N
Lon: 88 14 50.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80017.APF, Azm 107, Tilt 0
Make : Antel
Model : RWA-80017
Maxgain : 17.00
MaxErp : 170.00
Beamwidth: 62

Base Elevation : 2.1 meters AMSL
Radiation Center: 58.2 meters AGL

Radiation Center: 60.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 715.32 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	35.9	24.4	29.9	1.82	1.82	8.895
45.0	9.2	51.2	51.2	18.22	18.22	15.800
90.0	3.0	57.4	57.4	135.04	135.04	23.090
135.0	1.1	59.2	59.2	100.10	100.10	22.182
180.0	0.0	60.4	60.4	10.48	10.48	15.212
225.0	0.0	60.4	60.4	1.86	1.86	11.342
270.0	2.2	58.2	58.2	0.31	0.34	8.389
315.0	19.6	40.8	40.8	0.66	0.66	8.323
Average:	8.9	51.5				14.154

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen Analog

Cell: # 39, BAYOU_LA_BATRE | Existing_Analog_Current (1039), Antenna # 3
Lat: 30 24 15.00 N
Lon: 88 14 50.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 240, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 85.00
Beamwidth: 102

Base Elevation : 2.1 meters AMSL
Radiation Center: 58.2 meters AGL

Radiation Center: 60.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 693.08 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	35.9	24.4	29.9	1.95	1.95	8.996
45.0	9.2	51.2	51.2	0.10	0.17	7.138
90.0	3.0	57.4	57.4	0.39	0.39	8.540
135.0	1.1	59.2	59.2	3.80	3.80	12.718
180.0	0.0	60.4	60.4	33.07	33.07	18.493
225.0	0.0	60.4	60.4	77.52	77.52	21.375
270.0	2.2	58.2	58.2	64.48	64.48	20.461
315.0	19.6	40.8	40.8	16.20	16.20	14.335
Average:	8.9	51.5				14.007

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen_Proposed | What If | AL2

Cell: # 22, Orange Beach | What If | AL2 (1022), Antenna # 1
Lat: 30 16 21.00 N
Lon: 87 34 11.00 W
Address:

Antenna: V:\TECC\ANTENNA\DB858-SX.APF, Azm 70, Tilt 0
Make : Decibel Products
Model : DB858HVH90-SX
Maxgain : 14.50
MaxErp : 100.00
Beamwidth: 90

Base Elevation : 3.4 meters AMSL
Radiation Center: 41.1 meters AGL

Radiation Center: 44.6 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 532.64 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist

0.0	15.3	29.2	29.9	15.14	15.14	12.748
45.0	2.1	42.4	42.4	81.28	81.28	19.116
90.0	0.0	44.6	44.6	95.50	95.50	19.977
135.0	0.0	44.6	44.6	18.62	18.62	15.129
180.0	0.0	44.6	44.6	0.58	0.58	8.378
225.0	0.0	44.6	44.6	0.01	0.20	7.000
270.0	2.6	42.0	42.0	0.03	0.20	6.858
315.0	11.5	33.1	33.1	0.65	0.65	7.719
Average:	3.9	40.6				12.116

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen_Proposed | What If | AL2

Cell: # 22, Orange Beach | What If | AL2 (1022), Antenna # 2
Lat: 30 16 21.00 N
Lon: 87 34 11.00 W
Address:

Antenna: V:\TECC\ANTENNA\DB858-SX.APF, Azm 270, Tilt 0
Make : Decibel Products
Model : DB858HVH90-SX
Maxgain : 14.50
MaxErp : 100.00
Beamwidth: 90

Base Elevation : 3.4 meters AMSL
Radiation Center: 41.1 meters AGL

Radiation Center: 44.6 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 521.28 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	15.3	29.2	29.9	2.88	2.88	9.617
45.0	2.1	42.4	42.4	0.06	0.20	6.885
90.0	0.0	44.6	44.6	0.03	0.20	7.000

135.0	0.0	44.6	44.6	0.18	0.20	7.000
180.0	0.0	44.6	44.6	4.07	4.07	11.685
225.0	0.0	44.6	44.6	50.12	50.12	17.903
270.0	2.6	42.0	42.0	97.72	97.72	19.649
315.0	11.5	33.1	33.1	54.95	54.95	16.430
Average:	3.9	40.6				12.021

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen_Proposed | What If | AL2

Cell: # 35, Gulf Shores Beach | What If | AL2 (1035), Antenna # 1
Lat: 30 15 33.00 N
Lon: 87 42 31.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 0, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 1.2 meters AMSL
Radiation Center: 55.2 meters AGL

Radiation Center: 56.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 700.99 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	10.6	45.8	45.8	95.50	95.50	20.159
45.0	8.6	47.8	47.8	56.23	56.23	18.699
90.0	0.7	55.7	55.7	9.77	9.77	14.629
135.0	0.0	56.4	56.4	1.15	1.15	10.206
180.0	0.0	56.4	56.4	0.25	0.25	7.852
225.0	0.0	56.4	56.4	1.02	1.02	10.009
270.0	0.8	55.5	55.5	10.72	10.72	14.844

315.0	9.9	46.5	46.5	57.54	57.54	18.601
Average:	3.8	52.6				14.375

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen_Proposed | What If | AL2

Cell: # 35, Gulf Shores Beach | What If | AL2 (1035), Antenna # 2
Lat: 30 15 33.00 N
Lon: 87 42 31.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 120, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 40.00
Beamwidth: 102

Base Elevation : 1.2 meters AMSL
Radiation Center: 55.2 meters AGL

Radiation Center: 56.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 533.52 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	10.6	45.8	45.8	0.86	0.86	9.043
45.0	8.6	47.8	47.8	8.17	8.17	13.470
90.0	0.7	55.7	55.7	30.34	30.34	17.736
135.0	0.0	56.4	56.4	37.33	37.33	18.447
180.0	0.0	56.4	56.4	14.86	14.86	15.773
225.0	0.0	56.4	56.4	1.59	1.59	10.790
270.0	0.8	55.5	55.5	0.16	0.16	7.258
315.0	9.9	46.5	46.5	0.04	0.10	6.314
Average:	3.8	52.6				12.354

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen_Proposed | What If | AL2

Cell: # 35, Gulf Shores Beach | What If | AL2 (1035), Antenna # 3
Lat: 30 15 33.00 N
Lon: 87 42 31.00 W
Address:

Antenna: V:\TECC\ANTENNA\ALP4016N.APF, Azm 260, Tilt 0
Make : Swedcom Corporation
Model : ALP4016 N
Maxgain : 15.70
MaxErp : 30.00
Beamwidth: 40

Base Elevation : 1.2 meters AMSL
Radiation Center: 55.2 meters AGL

Radiation Center: 56.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 276.55 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	10.6	45.8	45.8	0.07	0.10	6.279
45.0	8.6	47.8	47.8	0.00	0.10	6.373
90.0	0.7	55.7	55.7	0.01	0.10	6.713
135.0	0.0	56.4	56.4	0.01	0.10	6.740
180.0	0.0	56.4	56.4	0.16	0.16	7.309
225.0	0.0	56.4	56.4	2.80	2.80	11.876
270.0	0.8	55.5	55.5	24.95	24.95	17.138
315.0	9.9	46.5	46.5	0.50	0.50	8.295
Average:	3.8	52.6				8.841

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup

System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen_Proposed | What If | AL2

Cell: # 110, Ft. Morgan | What If | AL2 (1110), Antenna # 1
Lat: 30 14 16.00 N
Lon: 87 52 1.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 10, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 200.00
Beamwidth: 102

Base Elevation : 5.2 meters AMSL
Radiation Center: 56.4 meters AGL

Radiation Center: 61.6 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 1007.49 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	0.0	61.6	61.6	186.65	186.65	24.988
45.0	3.3	58.3	58.3	141.59	141.59	23.402
90.0	0.7	60.9	60.9	31.70	31.70	18.415
135.0	0.0	61.6	61.6	3.40	3.40	12.645
180.0	0.0	61.6	61.6	0.44	0.44	8.926
225.0	0.0	61.6	61.6	1.42	1.42	10.898
270.0	1.1	60.4	60.4	11.51	11.51	15.464
315.0	0.0	61.6	61.6	89.34	89.34	22.046
Average:	0.6	60.9				17.098

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen_Proposed | What If | AL2

Cell: # 110, Ft. Morgan | What If | AL2 (1110), Antenna # 2
Lat: 30 14 16.00 N
Lon: 87 52 1.00 W
Address:

Antenna: V:\TECC\ANTENNA\ALP4016N.APF, Azm 80, Tilt 0
Make : Swedcom Corporation
Model : ALP4016 N
Maxgain : 15.70
MaxErp : 250.00
Beamwidth: 40

Base Elevation : 5.2 meters AMSL
Radiation Center: 56.4 meters AGL

Radiation Center: 61.6 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 595.13 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	0.0	61.6	61.6	1.34	1.34	10.800
45.0	3.3	58.3	58.3	23.33	23.33	17.224
90.0	0.7	60.9	60.9	207.94	207.94	25.354
135.0	0.0	61.6	61.6	4.15	4.15	13.083
180.0	0.0	61.6	61.6	0.59	0.59	9.380
225.0	0.0	61.6	61.6	0.01	0.50	9.130
270.0	1.1	60.4	60.4	0.05	0.50	9.073
315.0	0.0	61.6	61.6	0.07	0.50	9.130
Average:	0.6	60.9				12.897

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola
MSC: Mobile/Pensacola MSC
Switch: MoPen_Proposed | What If | AL2

Cell: # 110, Ft. Morgan | What If | AL2 (1110), Antenna # 3
Lat: 30 14 16.00 N
Lon: 87 52 1.00 W
Address:

Antenna: V:\TECC\ANTENNA\ALP4016N.APF, Azm 260, Tilt 0
Make : Swedcom Corporation
Model : ALP4016 N
Maxgain : 15.70
MaxErp : 250.00
Beamwidth: 40

Base Elevation : 5.2 meters AMSL
Radiation Center: 56.4 meters AGL

Radiation Center: 61.6 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 597.50 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	0.0	61.6	61.6	0.59	0.59	9.380
45.0	3.3	58.3	58.3	0.01	0.50	8.962
90.0	0.7	60.9	60.9	0.05	0.50	9.095
135.0	0.0	61.6	61.6	0.07	0.50	9.130
180.0	0.0	61.6	61.6	1.34	1.34	10.800
225.0	0.0	61.6	61.6	23.33	23.33	17.547
270.0	1.1	60.4	60.4	207.94	207.94	25.292
315.0	0.0	61.6	61.6	4.15	4.15	13.083
Average:	0.6	60.9				12.911

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola Neighbor
MSC: MoPen Neighbor
Switch: Coastel

Cell: # 110, Ft. Mor_Coastel | What If | AL2 (1110), Antenna # 4
Lat: 30 14 16.00 N
Lon: 87 52 1.00 W
Address:

Antenna: V:\TECC\ANTENNA\RWA80015.APF, Azm 180, Tilt 0
Make : Antel
Model : RWA-80015
Maxgain : 15.00
MaxErp : 100.00
Beamwidth: 102

Base Elevation : 5.2 meters AMSL
Radiation Center: 76.2 meters AGL

Radiation Center: 81.4 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 972.87 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	0.0	81.4	81.4	0.25	0.25	8.895
45.0	3.3	78.1	78.1	1.02	1.02	11.181
90.0	0.7	80.7	80.7	10.72	10.72	16.854
135.0	0.0	81.4	81.4	57.54	57.54	22.493
180.0	0.0	81.4	81.4	95.50	95.50	24.516
225.0	0.0	81.4	81.4	56.23	56.23	22.405
270.0	1.1	80.3	80.3	9.77	9.77	16.562
315.0	0.0	81.4	81.4	1.15	1.15	11.563
Average:	0.6	80.7				16.809

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola Neighbor
MSC: MoPen Neighbor
Switch: Coastel

Cell: # 522, OrangeBea_Coastel | What If | AL2 (5522), Antenna # 3
Lat: 30 16 21.00 N
Lon: 87 34 11.00 W
Address:

Antenna: V:\TECC\ANTENNA\DB858-SX.APF, Azm 180, Tilt 0
Make : Decibel Products
Model : DB858HVH90-SX

Maxgain : 14.50
MaxErp : 100.00
Beamwidth: 90

Base Elevation : 3.4 meters AMSL
Radiation Center: 41.1 meters AGL

Radiation Center: 44.6 meters AMSL

Maximum Allowable Erp: 500.00
FCC normal HAAT limits used

Area under contour: 551.60 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	15.3	29.2	29.9	0.03	0.20	6.110
45.0	2.1	42.4	42.4	0.18	0.20	6.885
90.0	0.0	44.6	44.6	4.07	4.07	11.685
135.0	0.0	44.6	44.6	50.12	50.12	17.903
180.0	0.0	44.6	44.6	97.72	97.72	20.055
225.0	0.0	44.6	44.6	54.95	54.95	18.185
270.0	2.6	42.0	42.0	2.88	2.88	10.795
315.0	11.5	33.1	33.1	0.06	0.20	6.324
Average:	3.9	40.6				12.243

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola Neighbor
MSC: MoPen Neighbor
Switch: Coastel

Cell: # 28, COASTEL_VK124 | Neighboring_Coastel_Current (7028), Antenna # 0
Lat: 29 51 29.00 N
Lon: 87 54 33.00 W
Address:

Antenna: V:\TECC\ANTENNA\ASPD952.APF, Azm 0, Tilt 0
Make : Antenna Specialist
Model : ASPD952
Maxgain : 9.00
MaxErp : 142.00
Beamwidth: 360

Base Elevation : 0.0 meters AMSL
Radiation Center: 32.9 meters AGL

Radiation Center: 32.9 meters AMSL

Maximum Allowable Erp: 500.00
FCC Gulf of Mexico HAAT limits used

Area under contour: 5368.83 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	0.0	32.9	32.9	142.00	142.00	41.366
45.0	0.0	32.9	32.9	142.00	142.00	41.366
90.0	0.0	32.9	32.9	142.00	142.00	41.366
135.0	0.0	32.9	32.9	142.00	142.00	41.366
180.0	0.0	32.9	32.9	142.00	142.00	41.366
225.0	0.0	32.9	32.9	142.00	142.00	41.366
270.0	0.0	32.9	32.9	142.00	142.00	41.366
315.0	0.0	32.9	32.9	142.00	142.00	41.366
Average:	0.0	32.9				41.366

FCC Reliable Service Area Contour Summary

Project: MoPen_2000_Backup
System: Mobile/Pensacola Neighbor
MSC: MoPen Neighbor
Switch: Coastel

Cell: # 1, MO-113 | Neighboring_Coastel_Current (7001), Antenna # 1
Lat: 30 10 44.00 N
Lon: 88 4 39.00 W
Address:

Antenna: V:\TECC\ANTENNA\B810N270.APF, Azm 180, Tilt 0
Make : ANTEL
Model : BCR 80010:N270
Maxgain : 13.13
MaxErp : 100.00
Beamwidth: 270

Base Elevation : 0.0 meters AMSL
Radiation Center: 47.5 meters AGL

Alltel~1

Radiation Center: 47.5 meters AMSL

Maximum Allowable Erp: 500.00
FCC Gulf of Mexico HAAT limits used

Area under contour: 3458.96 Square Kilometers

Radial	Ave Elev	Actual HAAT	Used HAAT	Erp In	Erp Adj	Rsac Dist
0.0	0.2	47.4	47.4	0.12	0.20	17.234
45.0	0.0	47.5	47.5	0.25	0.25	17.810
90.0	0.0	47.5	47.5	68.87	68.87	41.439
135.0	0.0	47.5	47.5	69.18	69.18	41.467
180.0	0.0	47.5	47.5	16.94	16.94	33.578
225.0	0.0	47.5	47.5	73.28	73.28	41.827
270.0	0.0	47.5	47.5	75.68	75.68	42.030
315.0	0.0	47.5	47.5	0.31	0.31	18.391
Average:	0.0	47.5				31.722

ALLTEL Communications
14055 Riveredge Drive
Suite 600
Tampa, Florida 33637

Paul R. Bowersock
Market Area President – Florida

813-632-2221
813-866-1000 - fax

May 1, 2001

VIA FACSIMILE and First Class Mail

Mr. Jay Seid
Managing Director
Bachow & Associates, Inc.
3 Bala Plaza East, 5th Floor
Bala Cynwyd, Pennsylvania 19004

Dear Mr. Seid:

We have reviewed your March 8th counterproposal to ALLTEL's offer. ALLTEL responds as follows to the various points raised in your March 8th letter.

Equipment. We have no general objection if Coastel wishes to purchase its own equipment. Please be advised, however, that the Ft. Morgan tower is subject to a management agreement with Crown Castle and a private condominium association owns the Orange Beach site. Consequently, if Coastel desires to purchase, install and maintain its own equipment and shelter for the Gulf sectors of these two sites, it will be responsible for making its own arrangements with the site managers/owners. ALLTEL is prepared to be of as much assistance to Coastel in securing these sites and has initiated inquiries as to availability of the locations specified in our proposed engineering parameters (see below).

Interconnection. Coastel has suggested that it make its own interconnection arrangements, and, we presume, operate the Gulf sector under its System Identification Number (SID). At a minimum, and in fairness to any land-based subscribers caught on the Gulf sectors, ALLTEL would ask that any local traffic caught on the Gulf sector be interconnected and trunked locally within the Mobile/Pennsacola market areas. This approach would avoid any additional charges that may result from the need to trunk local calls back to Mobile over the long distance network from Coastel's switch in Louisiana.

Rates. ALLTEL also revises its offer on interconnection rates as follows:

$.03/minute for calls originating or terminating on the covered sectors;
$.01/minute for local trunking; and
$.05/minute for long distance trunking.

There does not appear to be any dispute over the $.25 per call charge for directory assistance calls.

Rights to Remain at Former ALLTEL Sites. Coastel seeks the right to remain at any site vacated by ALLTEL and to have the right, but not the obligation, to migrate to any replacement site. Given that the sites are managed/owned by others, ALLTEL's rights in this regard go only to its ability to control contour overlaps from Coastel's GMSA system into the Mobile MSA. ALLTEL agrees to permit Coastel to remain at any site vacated by ALLTEL so long as: 1) the underlying technical parameters of the Gulf sector of such sites are not modified without ALLTEL's prior consent; and 2) both Coastel and ALLTEL have approved any substitute ALLTEL facility needed for the capture of land-based traffic in the Mobile market on ALLTEL's system. Further, any right of Coastel to remain at any site would terminate immediately upon the expiration of the roaming agreement between the parties. As noted above, Coastel's rights to remain at a particular site are also subject to such site arrangements as it may make with the site manager/owner.

Migration to Replacement Sites/New Sites. Rather than permit Coastel unrestricted rights to access any newly constructed ALLTEL cell, we believe the issue of additional cell sites is better addressed on a case-by-case basis. ALLTEL would agree to forego opposition to any Coastel application filed to effectuate the collocation agreement between the parties and over which ALLTEL had the opportunity to approve prior to its submission. As part of the settlement for the Mobile, Alabama market, we would, however, require that Coastel modify its application for a new facility at the MO113 site (FCC File No. 0000113774) to accord with the parameters in the attached proposed engineering. Coastel would also agree not to claim any land-based territory within the Mobile MSA as part of the CGSA of its Gulf system or any new land-based system it might otherwise seek without ALLTEL's written consent.

Additional Sites. Coastel has requested collocation at the Gulf Shores, Dauphin Island, Orange Beach and proposed Ft. Morgan cell sites. ALLTEL's renews its offer to sectorize cells at its Orange Beach and proposed Ft. Morgan cell sites. We believe that these two sites (along with the activation of MO113 on the parameters attached) provide adequate coverage of the Gulf waters and may be utilized by Coastel with minimal capture of land-based traffic. We believe the request to locate on other land-based sites would upset the balance between the two systems. For example, the Gulf Shores site, as Coastel knows well, is over six miles inland and any Coastel facilities at this location would unquestionably capture the vast majority of the land-based traffic between the cell's location and the shoreline. We would, of course, be interested in reviewing in detail any legitimate engineering analysis you may have conducted that arrives at a different conclusion. Attached you will find a detailed engineering proposal which specifies, among other things, the parameters at which the proposed Gulf sectors for the two sites (and MO113) would operate. A revised and corrected best server plot showing the coverage of the various ALLTEL sites and the proposed Coastel Gulf sectors is also attached. The technical parameters used to generate the best server plot are also detailed in the engineering materials.

Roaming Rates. Coastel has rejected ALLTEL's original offer of a proposed single "blended" rate governing the exchange of traffic by our respective systems, including the Coastel sectors. ALLTEL would agree to a rate $1.25/minute -airtime and $.10/minute- long distance for calls originated from Coastel sites other than the sectorized sites (i.e. Ft. Morgan and Orange Beach) subject to the agreement between the parties. In order to agree to that rate, however, we find it necessary to reduce the rate paid for calls originating on the Coastel Gulf sectors to $.30/ minute – airtime and $.10/minute long distance. Of course, the $.30/minute airtime and $.10/minute long distance charge would apply to Coastel's subscribers roaming on any of ALLTEL's systems.

We hope that you will review our counter-offer favorably. ALLTEL has taken the time to consider a number of various engineering scenarios, and we believe that the proposal transmitted herewith presents a fair resolution of the various conflicts between the land-based and Gulf based systems in the Mobile area. However, please be advised that ALLTEL also currently contemplates submitting revisions to the engineering for its pending waiver and STA requests now pending before the FCC. We would, of course, agree to withdraw these pending requests at such time as we reached agreement with Coastel on a settlement proposal. Please let me know when we may discuss the matter further.

Very truly yours,

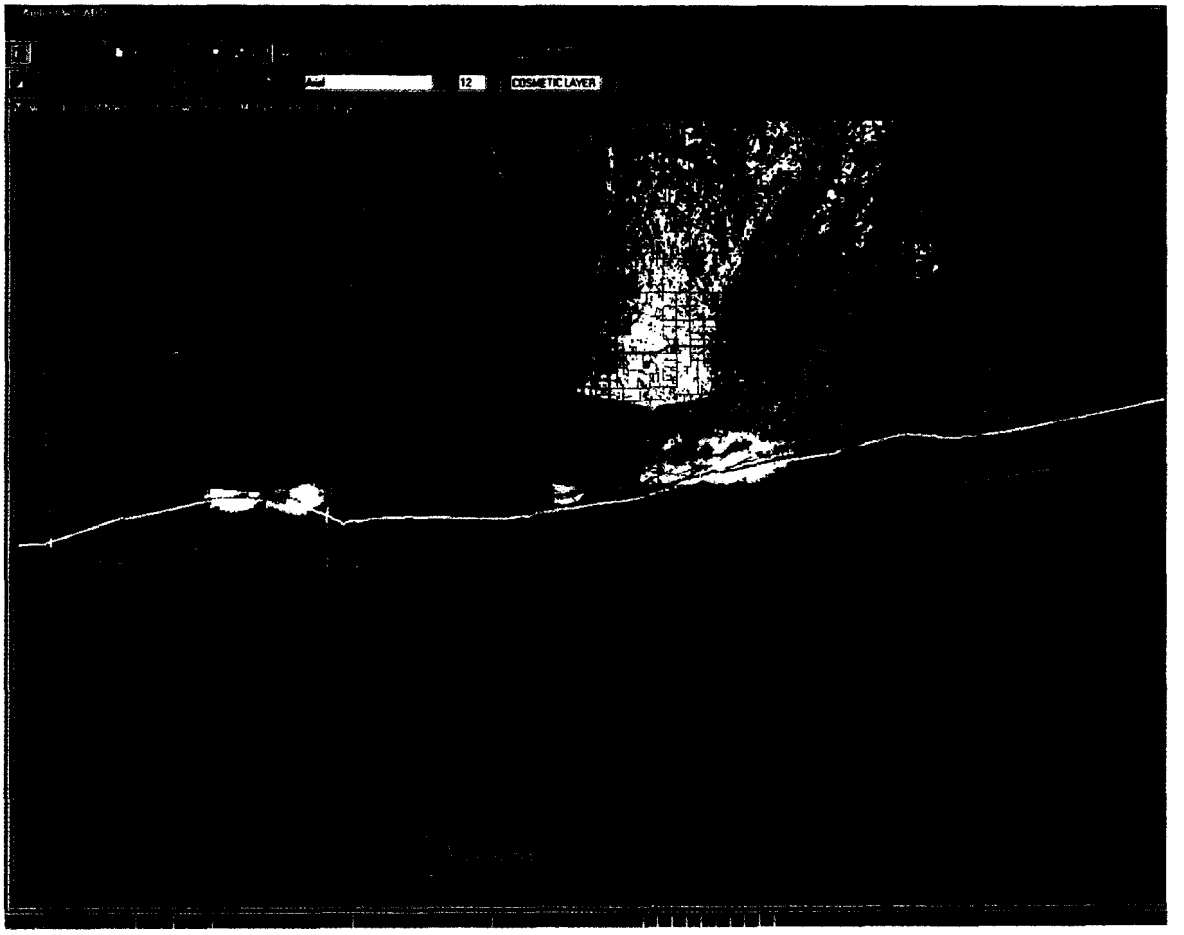
Paul Bowersock

Attachments

Cc: Magalie Roman Salas, Secretary, FCC
David Furth, Esq., WTB
Lauren Kravits, Esq. WTB
Michael Ferrante, Esq. WTB.

The engineering parameters utilized to produce the best server map called Coastel_BS4.doc were as follows:

Land based cell sectors with all or most of the radials over land used a path loss equation with 36 dB per decade attenuation. Sectors for the water based cells, VK124 and MO113, as well as the south facing sectors of Orange Beach and Ft. Morgan used a free space propagation formula of 20 dB per decade path loss. All sectors used the same one-mile intercept value. Not withstanding some ambiguities in the best server map, the intent of this engineering is for the Coastel sectors to serve the Gulf of Mexico water as the prominent signal from the Mobile Alabama coastline south and for the ALLTEL sectors to serve the land areas as the strongest signal from the Mobile Alabama coastline north. After implementation, both parties will drive test the areas and adjust parameters to obtain the best results possible with the limitations of existing and proposed new cells.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COSMETIC LAYER