



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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DA 99-528

March 17, 1999

AUCTION OF C, D, E, AND F BLOCK BROADBAND PCS LICENSES

FURTHER CORRECTION TO ATTACHMENT A CORRECTION TO ATTACHMENTS F AND G CORRECTION OF TECHNICAL INFORMATION IMPORTANT PAYMENT REMINDERS

This Public Notice sets forth a revised list of licenses available for auction in Auction No. 22, corrects technical information regarding accessing round results, and reminds bidders of important payment information.

Attachment A corrects and replaces the Summary of PCS Spectrum for Auction released as Attachment A in two prior Public Notices and the bidder information package for Auction No. 22 (“*Bidder Information Package*”).¹ Specifically, the following nine licenses will not be included in Auction No. 22: B089C (Colorado Springs, CO), B149C (Fort Collins, CO),² B012C (Altoona, PA, License No. PBB012C1),³ B397D (Salinas-Monterey, CA), B405D (San Luis Obispo, CA),

¹ See “Auction of C, D, E, and F Block Broadband PCS Licenses; Notice and Filing Requirements for Auction of C, D, E, and F Block Broadband Personal Communications Services Licenses Scheduled for March 23, 1999; Minimum Opening Bids and Other Procedural Issues,” *Public Notice*, at Att. A, DA 98-2604 (rel. December 23, 1998); “Correction to Attachment A; Auction of C, D, E, and F Block Broadband PCS Licenses; Notice and Filing Requirements for Auction of C, D, E, and F Block Broadband Personal Communications Services Licenses Scheduled for March 23, 1999; Minimum Opening Bids and Other Procedural Issues,” *Public Notice*, at Att. A (rel. January 21, 1999); “C, D, E, & F Block Broadband PCS Auction; BTA – Basic Trading Area; March 23, 1999,” *Bidder Information Package* (“*Bidder Information Package*”) at Tab A, pp. 17-24.

² See Mountain Solutions, Ltd., Inc., *Order*, DA 99-517 (rel. March 16, 1999).

³ See Longstreet Communications International, Inc. Request for Waiver of Section 24.711(a)(2) of the Commission’s Rules Regarding Market No. B012, *Memorandum Opinion and Order*, DA-522 (rel. March 16, 1999).

B406D (Santa Barbara, CA), B405F (San Luis Obispo, CA),⁴ B490F (Guam), and B493F (Northern Marianas Islands).

Attachment F, which contains round results file formats for use during the auction, corrects and replaces the Attachment F released in a Public Notice on March 10, 1999 (“*Qualified Bidders Public Notice*”).⁵

Attachment G, which contains instructions for accessing the FCC Network using Windows 95/98, corrects and replaces the Attachment G released in the *Qualified Bidders Public Notice*.⁶

The final attachment (“How to Monitor the FCC Auctions On-Line”) corrects and replaces the corresponding information contained in the *Bidder Information Package*.⁷

Post-Auction Payment Obligations of High Bidders

All Auction Bidders Should Carefully Read and Understand the Following:

All high bidders identified in the Public Notice following the close of the auction become obligated, upon release of the Public Notice, to pay the amount of their high bids for each license won in the auction as indicated in the Public Notice and pursuant to Section 1.2104 of the Commission's Rules.⁸

Pursuant to the Commission's obligations under the Communications Act, the licenses of the high bidder will be held in reserve after the auction pending a determination that the high bidder is qualified to serve as a licensee. In the event a high bidder defaults, or is otherwise found not qualified to be a licensee, it is still obligated for the full amount it bid on each license as indicated in the closing Public Notice and under the terms of Sections 1.2109 and 1.2104.⁹

Below is a summary of the high bidders' continuing payment obligations and application procedures following the auction.

A. Down Payments and Withdrawn Bid Payments

Within ten (10) business days after being notified that it is a high bidder, each high bidder must submit sufficient funds (in addition to its upfront payment) to bring its total amount of money

⁴ See letter from Amy J. Zoslov, Chief, Auctions and Industry Analysis Division, Wireless Telecommunications Bureau, to Stephen Kaffee, Esq., attorney for Entertainment Unlimited, Inc., DA 99-520 (March 17, 1999).

⁵ See “Auction of 356 Broadband PCS Licenses; 66 Qualified Bidders,” *Public Notice* at Att. F, DA 99-482 (rel. March 10, 1999) (“*Qualified Bidders Public Notice*”).

⁶ See *Qualified Bidders Public Notice* at Att. G.

⁷ See *Bidder Information Package* at Tab D, pp. 127-34.

⁸ 47 C.F.R. § 1.2104(g)(2).

⁹ 47 C.F.R. §§1.2109, 1.2104.

on deposit with the Government to 20 percent of its net high bids (actual bids less any applicable bidding credits). *See* 47 C.F.R. § 1.2107(b). In addition, by the same deadline all bidders must pay any withdrawn bid amounts due under 47 C.F.R. § 1.2104(g), as discussed in "Bid Removal and Bid Withdrawal," Tab D of the *C, D, E, & F Broadband PCS Auction Bidder Information Package*. Upfront payments are applied first to satisfy any withdrawn bid liability, before being applied toward down payments.¹⁰

B. Long-Form Application (Form 601)

Within ten (10) business days after release of the auction closing Public Notice, high bidders must submit a properly completed long-form application and required exhibits for each license won in Auction 22. High bidders for C or F block licenses that are small businesses or very small businesses (or consortia of small businesses or very small businesses) must include an exhibit demonstrating their eligibility for bidding credits. *See* 47 C.F.R. § 1.2112(b). Further filing instructions will be provided to auction winners at the close of the auction.

C. Default and Disqualification After the Close of the Auction

Any high bidder that defaults or is disqualified after the close of the auction (*i.e.*, fails to remit the required down payment within the prescribed period of time, fails to submit a timely long-form application, fails to make full payment, or is otherwise disqualified to hold a license) will be deemed in default and subject to the default payments described in 47 C.F.R. § 1.2104(g)(2). In such event, the Commission may re-auction the license or offer it to the next highest bidder. *See* 47 C.F.R. §§ 1.2109(b) and (c). In addition, if a default or disqualification involves gross misconduct, misrepresentation, or bad faith by an applicant, the Commission may declare the applicant and its principals ineligible to bid in future auctions, and may take any other action that it deems necessary, including institution of proceedings to revoke any existing licenses held by the applicant. *See* 47 C.F.R. § 1.2109(d). Licenses are conditioned on high bidders meeting their payment obligations. Licenses will be finally granted only after full payment is made.¹¹

For additional information regarding this *Public Notice*, please contact Jeff Garretson, Auctions Operations Branch, Auctions and Industry Analysis Division, at (202) 418-0660, or Audrey Bashkin, Legal Branch, Auctions and Industry Analysis Division, at (202) 418-0660. Questions about software or hardware should be directed to Technical Support at (202) 414-1250.

¹⁰ *See* 47 C.F.R. §1.2106.

¹¹ A high bidder is required to pay the balance of its high bids in a lump sum within ten (10) business days following an award of the license. There is an opportunity for a high bidder to pay its balance ten (10) days after the payment deadline, provided it also pays a late fee equal to five percent (5%) of the amount due. 47 C.F.R. §1.2109.

ATTACHMENT A

Summary of PCS Spectrum for Auction

Market No.	Market Name	License No.	Block	Spectrum (MHz)	Population *	Most Recent Net High Bid from Previous Auction	Status**	Bidding Units	Upfront Payment***	Former Defaulters' Upfront Payment****	Minimum Opening Bid *****
B001	Aberdeen, SD	PBB001C	C	30	88,891	\$411,666.00	1	160,004	\$160,004.00	\$240,006.00	\$20,584.00
B002	Aberdeen, WA	PBB002C	C	15	83,057	\$471,750.00	1	74,752	\$74,752.00	\$112,128.00	\$11,794.00
B003	Abilene, TX	PBB003C2	C	15	253,174	\$4,024,583.25	1	227,857	\$227,857.00	\$341,785.50	\$100,615.00
B004	Ada, OK	PBB004C	C	30	52,677	\$783,000.00	1	94,819	\$94,819.00	\$142,228.50	\$39,150.00
B005	Adrian, MI	PBB005C2	C	15	91,476	\$701,250.00	2,5	82,329	\$82,329.00	\$123,493.50	\$17,532.00
B006	Albany, GA	PBB006C2	C	15	324,899	\$4,839,750.75	1	292,410	\$292,410.00	\$438,615.00	\$120,994.00
B008	Albuquerque, NM	PBB008C2	C	15	688,612	\$33,322,500.00	1	619,751	\$619,751.00	\$929,626.50	\$833,063.00
B009	Alexandria, LA	PBB009C2	C	15	280,133	\$5,230,575.00	1	252,120	\$252,120.00	\$378,180.00	\$130,765.00
B011	Alpena, MI	PBB011C	C	30	63,429	\$475,500.00	1	114,173	\$114,173.00	\$171,259.50	\$23,775.00
B012	Altoona, PA	PBB012C2	C	15	222,625	\$2,218,500.00	1	200,363	\$200,363.00	\$300,544.50	\$55,463.00
B013	Amarillo, TX	PBB013C	C	30	380,341	\$7,252,500.00	1	624,614	\$684,614.00	\$1,026,921.00	\$362,625.00
B014	Anchorage, AK	PBB014C	C	30	388,943	\$4,922,250.00	1	700,098	\$700,098.00	\$1,050,147.00	\$246,113.00
B015	Anderson, IN	PBB015C	C	30	178,808	\$2,083,711.50	1	321,855	\$321,855.00	\$482,782.50	\$104,186.00
B017	Anniston, AL	PBB017C2	C	15	161,897	\$1,489,728.75	1	145,708	\$145,708.00	\$218,562.00	\$37,244.00
B019	Ardmore, OK	PBB019C	C	30	83,979	\$1,653,750.00	1	151,163	\$151,163.00	\$226,744.50	\$82,688.00
B021	Ashtabula, OH	PBB021C	C	30	99,821	\$900,000.00	3b,4d	179,678	\$179,678.00	\$269,517.00	\$45,000.00
B023	Athens, OH	PBB023C	C	30	123,864	\$1,356,825.00	1	222,956	\$222,956.00	\$334,434.00	\$67,842.00
B025	Atlantic City, NJ	PBB025C2	C	15	319,416	\$14,625,011.25	1	287,475	\$287,475.00	\$431,212.50	\$365,626.00
B026	Augusta, GA	PBB026C	C	30	521,822	\$13,067,250.00	1	939,280	\$939,280.00	\$1,408,920.00	\$653,363.00
B028	Bakersfield, CA	PBB028C	C	30	543,477	\$26,941,575.00	1	978,259	\$978,259.00	\$1,467,388.50	\$1,347,079.00
B030	Bangor, ME	PBB030C2	C	15	316,838	\$4,130,250.00	1	285,155	\$285,155.00	\$427,732.50	\$103,257.00
B031	Bartlesville, OK	PBB031C2	C	15	48,066	\$214,501.50	1	43,260	\$43,260.00	\$64,890.00	\$5,363.00
B032	Baton Rouge, LA	PBB032C	C	30	623,657	\$25,515,000.00	1	1,122,583	\$1,122,583.00	\$1,683,874.50	\$1,275,750.00
B033	Battle Creek, MI	PBB033C2	C	15	227,541	\$6,284,250.00	2,5	204,787	\$204,787.00	\$307,180.50	\$157,107.00
B034	Beaumont, TX	PBB034C	C	30	432,129	\$15,083,250.00	1	777,833	\$777,833.00	\$1,166,749.50	\$754,163.00
B035	Beckley, WV	PBB035C	C	30	167,112	\$731,257.50	1	300,802	\$300,802.00	\$451,203.00	\$36,563.00
B037	Bemidji, MN	PBB037C2	C	15	57,632	\$270,000.00	1	51,869	\$51,869.00	\$77,803.50	\$6,750.00
B038	Bend, OR	PBB038C	C	30	102,745	\$1,666,500.00	1	184,941	\$184,941.00	\$277,411.50	\$83,325.00
B039	Benton Harbor, MI	PBB039C	C	30	161,378	\$4,206,000.00	1	290,481	\$290,481.00	\$435,721.50	\$210,300.00
B040	Big Spring, TX	PBB040C2	C	15	34,589	\$650,625.75	1	31,131	\$31,131.00	\$46,696.50	\$16,266.00
B043	Binghamton, NY	PBB043C2	C	15	356,645	\$6,902,253.75	1	320,981	\$320,981.00	\$481,471.50	\$172,557.00
B044	Birmingham, AL	PBB044C2	C	15	1,200,336	\$47,250,235.50	1	1,080,303	\$1,080,303.00	\$1,620,454.50	\$1,181,256.00
B045	Bismark, ND	PBB045C	C	30	123,682	\$557,274.75	1	222,628	\$222,628.00	\$333,942.00	\$27,864.00
B046	Bloomington, IL	PBB046C	C	30	215,795	\$5,391,000.00	2	388,431	\$388,431.00	\$582,646.50	\$269,550.00
B048	Bluefield, WV	PBB048C	C	30	184,020	\$1,458,750.75	1	331,236	\$331,236.00	\$496,854.00	\$72,938.00
B049	Blytheville, AR	PBB049C	C	30	79,446	\$471,750.00	1	143,003	\$143,003.00	\$214,504.50	\$23,588.00
B050	Boise, ID	PBB050C	C	30	416,503	\$7,742,325.00	1	749,706	\$749,706.00	\$1,124,559.00	\$387,117.00
B052	Bowling Green, KY	PBB052C	C	30	222,748	\$3,783,750.00	3a,4e	400,947	\$400,947.00	\$601,420.50	\$189,188.00
B053	Bozeman, MT	PBB053C	C	30	65,077	\$1,714,500.75	7	117,139	\$117,139.00	\$175,708.50	\$85,726.00
B054	Brainerd, MN	PBB054C2	C	15	78,465	\$333,300.75	1	70,619	\$70,619.00	\$105,928.50	\$8,333.00
B055	Bremerton, WA	PBB055C2	C	15	189,731	\$9,202,500.00	1	170,758	\$170,758.00	\$256,137.00	\$230,063.00
B057	Brownwood, TX	PBB057C	C	30	57,684	\$976,500.00	1	103,832	\$103,832.00	\$155,748.00	\$48,825.00
B058	Brunswick, GA	PBB058C2	C	15	71,130	\$1,232,325.00	1	64,017	\$64,017.00	\$96,025.50	\$30,809.00
B060	Buffalo, NY	PBB060C	C	30	1,231,795	\$34,326,011.25	1	2,217,231	\$2,217,231.00	\$3,325,846.50	\$1,716,301.00
B060	Buffalo, NY	CWB060E	E	10	1,231,795	\$34,326,011.00	1	739,077	\$739,077.00	\$1,108,615.50	\$549,217.00
B063	Burlington, VT	PBB063C2	C	15	369,128	\$8,721,000.00	1	332,216	\$332,216.00	\$498,324.00	\$128,025.00
B064	Butte, MT	PBB064C	C	30	65,252	\$260,832.75	1	117,454	\$117,454.00	\$176,181.00	\$13,042.00
B065	Canton, OH	PBB065C	C	30	513,623	\$8,987,250.00	1	924,522	\$924,522.00	\$1,386,783.00	\$449,363.00
B066	Cape Girardeau, MO	PBB066C	C	30	181,795	\$2,502,750.00	1	327,231	\$327,231.00	\$490,846.50	\$125,138.00
B067	Carbondale, IL	PBB067C	C	30	209,497	\$2,370,750.00	2	377,095	\$377,095.00	\$565,642.50	\$118,538.00
B068	Carlsbad, NM	PBB068C	C	30	48,605	\$521,250.00	1	87,489	\$87,489.00	\$131,233.50	\$26,063.00
B069	Casper, WY	PBB069C	C	30	135,172	\$1,531,500.00	1	243,310	\$243,310.00	\$364,965.00	\$76,575.00
B071	Champaign, IL	PBB071C	C	30	222,312	\$6,065,250.00	2	400,162	\$400,162.00	\$600,243.00	\$303,263.00
B073	Charleston, WV	PBB073C2	C	15	481,387	\$7,925,250.75	1	433,249	\$433,249.00	\$649,873.50	\$198,132.00
B076	Chattanooga, TN	PBB076C2	C	15	510,860	\$15,966,000.00	1	459,774	\$459,774.00	\$689,661.00	\$399,150.00
B077	Cheyenne, WY	PBB077C	C	30	103,939	\$3,684,750.00	1	187,091	\$187,091.00	\$280,636.50	\$184,238.00
B078	Chicago, IL	PBB078C	C	30	8,182,076	\$461,009,045.25	2	14,727,737	\$14,727,737.00	\$22,091,605.50	\$23,050,453.00
B080	Chillicothe, OH	PBB080C2	C	15	93,579	\$1,612,500.00	1	84,222	\$84,222.00	\$126,333.00	\$40,313.00
B083	Clarksville, TN	PBB083C2	C	15	220,469	\$4,177,768.50	1	198,423	\$198,423.00	\$297,634.50	\$104,445.00
B087	Clovis, NM	PBB087C2	C	15	71,024	\$375,006.75	1	63,922	\$63,922.00	\$95,883.00	\$9,376.00
B088	Coffeyville, KS	PBB088C2	C	15	63,504	\$435,549.00	1	57,154	\$57,154.00	\$85,731.00	\$10,889.00
B090	Columbia, MO	PBB090C	C	30	190,536	\$3,518,250.00	2	342,965	\$342,965.00	\$514,447.50	\$175,913.00
B092	Columbus, GA	PBB092C	C	30	342,333	\$5,265,000.00	1	616,200	\$616,200.00	\$924,300.00	\$263,250.00
B094	Columbus, MS	PBB094C2	C	15	166,415	\$2,343,750.00	1	149,774	\$149,774.00	\$224,661.00	\$58,594.00
B096	Cookeville, TN	PBB096C2	C	15	117,613	\$1,306,554.00	1	105,852	\$105,852.00	\$158,778.00	\$32,664.00
B098	Corbin, KY	PBB098C2	C	15	128,186	\$2,205,750.00	1	115,368	\$115,368.00	\$173,052.00	\$55,144.00
B099	Corpus Christi, TX	PBB099C	C	30	499,988	\$10,306,508.25	1	899,979	\$899,979.00	\$1,349,968.50	\$515,326.00
B100	Cumberland, MD	PBB100C	C	30	156,707	\$2,516,250.00	1	282,073	\$282,073.00	\$423,109.50	\$125,813.00

ATTACHMENT A

Summary of PCS Spectrum for Auction

Market No.	Market Name	License No.	Block	Spectrum (MHz)	Population *	Most Recent Net High Bid from Previous Auction	Status**	Bidding Units	Upfront Payment***	Former Defaulters' Upfront Payment****	Minimum Opening Bid *****
B101	Dallas, TX	PBB101C	C	30	4,329,924	\$291,023,250.00	2	7,793,864	\$7,793,864.00	\$11,690,796.00	\$14,551,163.00
B102	Dalton, GA	PBB102C	C	30	98,609	\$1,221,000.00	1	177,497	\$177,497.00	\$266,245.50	\$61,050.00
B103	Danville, IL	PBB103C2	C	15	114,241	\$1,894,256.25	1	102,817	\$102,817.00	\$154,225.50	\$47,357.00
B104	Danville, VA	PBB104C	C	30	165,434	\$6,534,753.75	1	297,782	\$297,782.00	\$446,673.00	\$326,738.00
B105	Davenport, IA	PBB105C	C	30	419,650	\$13,889,250.00	1	755,370	\$755,370.00	\$1,133,055.00	\$694,463.00
B107	Daytona Beach, FL	PBB107C	C	30	399,413	\$18,351,000.00	1	718,944	\$718,944.00	\$1,078,416.00	\$917,550.00
B108	Decatur, AL	PBB108C2	C	15	131,556	\$2,901,158.25	1	118,401	\$118,401.00	\$177,601.50	\$72,529.00
B109	Decatur, IL	PBB109C	C	30	247,608	\$6,142,500.00	2	445,695	\$445,695.00	\$668,542.50	\$307,125.00
B111	Des Moines, IA	PBB111C	C	30	728,830	\$19,164,750.00	1	1,311,894	\$1,311,894.00	\$1,967,841.00	\$958,238.00
B112	Detroit, MI	PBB112C	C	30	4,705,164	\$172,738,500.00	2	8,469,296	\$8,469,296.00	\$12,703,944.00	\$8,636,925.00
B113	Dickinson, ND	PBB113C	C	30	38,001	\$205,500.75	1	68,402	\$68,402.00	\$102,603.00	\$10,276.00
B115	Dothan, AL	PBB115C2	C	15	210,225	\$4,518,000.75	1	189,203	\$189,203.00	\$283,804.50	\$112,951.00
B116	Dover, DE	PBB116C2	C	15	251,257	\$8,798,261.25	1	226,132	\$226,132.00	\$339,198.00	\$219,957.00
B117	Du Bois, PA	PBB117C2	C	15	124,180	\$1,656,757.50	1	111,762	\$111,762.00	\$167,643.00	\$41,419.00
B118	Dubuque, IA	PBB118C	C	30	176,542	\$5,328,000.00	1	317,776	\$317,776.00	\$476,664.00	\$266,400.00
B120	Dyersburg, TN	PBB120C2	C	15	113,943	\$1,238,475.00	1	102,549	\$102,549.00	\$153,823.50	\$30,962.00
B121	Eagle Pass, TX	PBB121C	C	30	100,813	\$941,250.00	1	181,464	\$181,464.00	\$272,196.00	\$47,063.00
B122	East Liverpool, OH	PBB122C	C	30	108,276	\$585,037.50	1	194,897	\$194,897.00	\$292,345.50	\$29,252.00
B124	El Centro, CA	PBB124C	C	30	109,303	\$5,362,500.00	1	196,746	\$196,746.00	\$295,119.00	\$268,125.00
B125	El Dorado, AR	PBB125C	C	30	108,810	\$846,000.00	1	195,858	\$195,858.00	\$293,787.00	\$42,300.00
B126	Elkhart, IN	PBB126C	C	30	235,152	\$6,620,250.00	1	423,274	\$423,274.00	\$634,911.00	\$331,013.00
B127	Elmira, NY	PBB127C2	C	15	315,038	\$4,163,325.00	1	283,535	\$283,535.00	\$425,302.50	\$104,084.00
B130	Enid, OK	PBB130C	C	30	85,998	\$285,750.00	1	154,797	\$154,797.00	\$232,195.50	\$14,288.00
B131	Erie, PA	PBB131C	C	30	275,572	\$6,870,750.00	1	496,030	\$496,030.00	\$744,045.00	\$343,538.00
B132	Escanaba, MI	PBB132C	C	30	46,082	\$1,257,750.00	1	82,948	\$82,948.00	\$124,422.00	\$62,888.00
B133	Eugene, OR	PBB133C	C	30	282,912	\$15,066,000.00	1	509,242	\$509,242.00	\$763,863.00	\$753,300.00
B134	Eureka, CA	PBB134C2	C	15	142,578	\$1,181,325.00	1	128,321	\$128,321.00	\$192,481.50	\$29,534.00
B136	Fairbanks, AK	PBB136C	C	30	92,111	\$562,500.00	1	165,800	\$165,800.00	\$248,700.00	\$28,125.00
B137	Fairmont, WV	PBB137C	C	30	57,249	\$526,500.00	1	103,049	\$103,049.00	\$154,573.50	\$26,325.00
B138	Fargo, ND	PBB138C2	C	15	298,015	\$6,776,475.75	1	268,214	\$268,214.00	\$402,321.00	\$169,412.00
B139	Farmington, NM	PBB139C2	C	15	162,776	\$4,221,750.00	1	146,499	\$146,499.00	\$219,748.50	\$105,544.00
B140	Fayetteville, AR	PBB140C	C	30	222,526	\$2,282,250.00	2	400,547	\$400,547.00	\$600,820.50	\$114,113.00
B142	Fergus Falls, MN	PBB142C2	C	15	120,167	\$527,026.50	1	108,151	\$108,151.00	\$162,226.50	\$13,176.00
B143	Findlay, OH	PBB143C	C	30	147,523	\$1,996,162.50	1	265,542	\$265,542.00	\$398,313.00	\$99,809.00
B144	Flagstaff, AZ	PBB144C	C	30	96,591	\$3,506,250.00	1	173,864	\$173,864.00	\$260,796.00	\$175,313.00
B145	Flint, MI	PBB145C	C	30	500,229	\$8,615,250.00	2	900,413	\$900,413.00	\$1,350,619.50	\$430,763.00
B146	Florence, AL	PBB146C2	C	15	173,076	\$2,997,148.50	1	155,769	\$155,769.00	\$233,653.50	\$74,929.00
B153	Ft Smith, AR	PBB153C	C	30	282,187	\$4,660,500.75	2	507,937	\$507,937.00	\$761,905.50	\$233,026.00
B155	Ft Wayne, IN	PBB155C	C	30	646,736	\$19,629,961.50	1	1,164,125	\$1,164,125.00	\$1,746,187.50	\$981,499.00
B155	Ft Wayne, IN	CWB155E	E	10	646,736	\$19,629,962.00	1	388,042	\$388,042.00	\$582,063.00	\$314,080.00
B156	Fredericksburg, VA	PBB156C	C	30	124,654	\$6,122,253.75	1	224,378	\$224,378.00	\$336,567.00	\$306,113.00
B157	Fresno, CA	PBB157C	C	30	755,580	\$47,026,575.00	1	1,360,044	\$1,360,044.00	\$2,400,066.00	\$2,351,329.00
B158	Gadsden, AL	PBB158C2	C	15	174,034	\$1,606,013.25	1	156,631	\$156,631.00	\$234,946.50	\$40,151.00
B162	Gallup, NM	PBB162C2	C	15	122,277	\$1,817,250.00	1	110,050	\$110,050.00	\$165,075.00	\$45,432.00
B163	Garden City, KS	PBB163C	C	30	65,059	\$364,500.00	1	117,107	\$117,107.00	\$175,660.50	\$18,225.00
B164	Glens Falls, NY	PBB164C	C	30	118,539	\$1,650,000.00	3b,4d	213,371	\$213,371.00	\$320,056.50	\$82,500.00
B166	Grand Forks, ND	PBB166C2	C	15	213,932	\$1,899,083.25	1	192,539	\$192,539.00	\$288,808.50	\$47,478.00
B166	Grand Forks, ND	CWB166E	E	10	213,932	\$1,899,083.00	1	128,360	\$128,360.00	\$192,540.00	\$30,386.00
B167	Grand Island, NE	PBB167C2	C	15	141,541	\$4,447,500.00	1	127,387	\$127,387.00	\$191,080.50	\$111,188.00
B168	Grand Junction, CO	PBB168C	C	30	187,062	\$4,879,500.00	7	336,712	\$336,712.00	\$505,068.00	\$243,975.00
B169	Grand Rapids, MI	PBB169C2	C	15	916,060	\$30,267,750.00	2,5	824,454	\$824,454.00	\$1,236,681.00	\$756,694.00
B170	Great Bend, KS	PBB170C	C	30	40,779	\$191,250.00	1	73,403	\$73,403.00	\$110,104.50	\$9,563.00
B171	Great Falls, MT	PBB171C	C	30	161,038	\$639,999.75	1	289,869	\$289,869.00	\$434,803.50	\$32,000.00
B172	Greeley, CO	PBB172C	C	30	131,821	\$3,840,750.00	7	237,278	\$237,278.00	\$355,917.00	\$192,038.00
B175	Greenville, MS	PBB175C2	C	15	213,943	\$1,064,250.00	1	192,549	\$192,549.00	\$288,823.50	\$26,607.00
B180	Hammond, LA	PBB180C	C	30	95,583	\$2,466,075.00	1	172,050	\$172,050.00	\$258,075.00	\$123,304.00
B181	Harrisburg, PA	PBB181C	C	30	654,808	\$17,457,761.25	1	1,178,655	\$1,178,655.00	\$1,767,982.50	\$872,889.00
B182	Harrison, AR	PBB182C2	C	15	74,459	\$394,500.00	1	67,014	\$67,014.00	\$100,521.00	\$9,863.00
B183	Harrisonburg, VA	PBB183C2	C	15	128,910	\$1,812,453.75	1	116,019	\$116,019.00	\$174,028.50	\$45,312.00
B184	Hartford, CT	PBB184C	C	30	1,123,678	\$51,321,750.00	1	2,022,621	\$2,022,621.00	\$3,033,931.50	\$2,566,088.00
B185	Hastings, NE	PBB185C	C	30	72,833	\$930,075.75	1	131,100	\$131,100.00	\$196,650.00	\$46,504.00
B187	Hays, KS	PBB187C	C	30	60,926	\$492,000.00	7	109,667	\$109,667.00	\$164,500.50	\$24,600.00
B188	Helena, MT	PBB188C	C	30	58,752	\$1,158,000.00	7	105,754	\$105,754.00	\$158,631.00	\$57,900.00
B190	Hilo, HI	PBB190C	C	30	120,317	\$3,611,262.00	2	216,571	\$216,571.00	\$324,856.50	\$180,564.00
B191	Hobbs, NM	PBB191C2	C	15	55,765	\$445,506.75	1	50,189	\$50,189.00	\$75,283.50	\$11,138.00
B192	Honolulu, HI	PBB192C	C	30	836,231	\$53,594,250.00	2	1,505,216	\$1,505,216.00	\$2,257,824.00	\$2,679,713.00
B193	Hot Springs, AR	PBB193C2	C	15	117,439	\$1,886,250.00	1	105,696	\$105,696.00	\$158,544.00	\$47,157.00
B194	Houghton, MI	PBB194C	C	30	45,101	\$180,375.00	1	81,182	\$81,182.00	\$121,773.00	\$9,019.00

ATTACHMENT A

Summary of PCS Spectrum for Auction

Market No.	Market Name	License No.	Block	Spectrum (MHz)	Population *	Most Recent Net High Bid from Previous Auction	Status**	Bidding Units	Upfront Payment***	Former Defaulters' Upfront Payment****	Minimum Opening Bid *****
B195	Houma, LA	PBB195C2	C	15	263,681	\$6,640,500.00	2,5	237,313	\$237,313.00	\$355,969.50	\$166,013.00
B197	Huntington, WV	PBB197C	C	30	363,936	\$4,972,500.00	1	655,085	\$655,085.00	\$982,627.50	\$248,625.00
B198	Huntsville, AL	PBB198C2	C	15	439,832	\$13,091,408.25	1	395,849	\$395,849.00	\$593,773.50	\$327,286.00
B199	Huron, SD	PBB199C	C	30	53,189	\$384,000.00	1	95,741	\$95,741.00	\$143,611.50	\$19,200.00
B199	Huron, SD	CWB199E	E	10	53,189	\$384,000.00	1	31,914	\$31,914.00	\$47,871.00	\$6,144.00
B201	Hyannis, MA	PBB201C	C	30	204,256	\$9,000,000.00	1	367,661	\$367,661.00	\$551,491.50	\$450,000.00
B202	Idaho Falls, ID	PBB202C	C	30	190,267	\$4,440,750.00	1	342,481	\$342,481.00	\$513,721.50	\$222,038.00
B203	Indiana, PA	PBB203C2	C	15	89,994	\$1,076,257.50	1	80,995	\$80,995.00	\$121,492.50	\$26,907.00
B205	Iowa City, IA	PBB205C	C	30	115,731	\$2,564,250.00	1	208,316	\$208,316.00	\$312,474.00	\$128,213.00
B206	Iron Mountain, MI	PBB206C	C	30	44,596	\$318,750.00	1	80,273	\$80,273.00	\$120,409.50	\$15,938.00
B207	Ironwood, MI	PBB207C	C	30	33,059	\$198,356.25	1	59,507	\$59,507.00	\$89,260.50	\$9,918.00
B208	Ithaca, NY	PBB208C2	C	15	94,097	\$2,325,003.75	1	84,688	\$84,688.00	\$127,032.00	\$58,126.00
B209	Jackson, MI	PBB209C2	C	15	193,187	\$1,974,000.00	2,5	173,869	\$173,869.00	\$260,803.50	\$49,350.00
B210	Jackson, MS	PBB210C2	C	15	615,521	\$18,126,000.00	1	553,969	\$553,969.00	\$830,953.50	\$453,150.00
B211	Jackson, TN	PBB211C2	C	15	255,379	\$2,882,442.00	1	229,842	\$229,842.00	\$344,763.00	\$72,062.00
B213	Jacksonville, IL	PBB213C2	C	15	70,795	\$300,000.00	1	63,716	\$63,716.00	\$95,574.00	\$7,500.00
B215	Jamestown, NY	PBB215C	C	30	186,945	\$3,793,500.00	1	336,501	\$336,501.00	\$504,751.50	\$189,675.00
B217	Jefferson City, MO	PBB217C	C	30	141,404	\$2,122,500.00	1	254,528	\$254,528.00	\$381,792.00	\$106,125.00
B218	Johnstown, PA	PBB218C	C	30	241,247	\$7,752,999.50	1	434,245	\$434,245.00	\$651,367.50	\$124,000.00
B219	Jonesboro, AR	PBB219C	C	30	159,439	\$1,853,250.00	2	286,991	\$286,991.00	\$430,486.50	\$92,663.00
B221	Juneau, AK	PBB221C	C	30	68,989	\$622,612.50	1	124,181	\$124,181.00	\$186,271.50	\$31,131.00
B222	Kahului, HI	PBB222C	C	30	100,504	\$7,752,000.00	1	180,908	\$180,908.00	\$271,362.00	\$387,600.00
B223	Kalamazoo, MI	PBB223C	C	30	352,384	\$8,403,000.00	2	634,292	\$634,292.00	\$951,438.00	\$420,150.00
B224	Kalispell, MT	PBB224C	C	30	59,218	\$715,500.75	7	106,593	\$106,593.00	\$159,889.50	\$35,776.00
B225	Kankakee, IL	PBB225C	C	30	127,042	\$912,202.50	2	228,676	\$228,676.00	\$343,014.00	\$45,611.00
B227	Keene, NH	PBB227C	C	30	111,709	\$3,795,000.00	1	201,077	\$201,077.00	\$301,615.50	\$189,750.00
B228	Kenewick, WA	PBB228C2	C	15	150,033	\$1,437,750.00	1	135,030	\$135,030.00	\$202,545.00	\$35,944.00
B228	Kenewick, WA	CWB228F	F	10	150,033	\$1,437,750.00	1	90,020	\$90,020.00	\$135,030.00	\$23,004.00
B229	Kingsport, TN	PBB229C2	C	15	652,639	\$8,524,848.00	1	587,376	\$587,376.00	\$881,064.00	\$213,122.00
B230	Kirksville, MO	PBB230C	C	30	55,563	\$287,250.00	1	100,014	\$100,014.00	\$150,021.00	\$14,363.00
B232	Knoxville, TN	PBB232C2	C	15	948,055	\$23,865,315.75	1	853,250	\$853,250.00	\$1,279,875.00	\$596,633.00
B233	Kokomo, IN	PBB233C2	C	15	184,899	\$3,926,846.25	1	166,410	\$166,410.00	\$249,615.00	\$98,172.00
B233	Kokomo, IN	CWB233F	F	10	184,899	\$3,926,846.00	1	110,940	\$110,940.00	\$166,410.00	\$62,830.00
B236	Lafayette, LA	PBB236C	C	30	496,579	\$15,265,500.00	1	893,843	\$893,843.00	\$1,340,764.50	\$763,275.00
B237	La Grange, GA	PBB237C2	C	15	64,164	\$864,750.75	1	57,748	\$57,748.00	\$86,622.00	\$21,619.00
B240	Lancaster, PA	PBB240C	C	30	422,822	\$13,198,416.00	1	761,080	\$761,080.00	\$1,141,620.00	\$659,921.00
B242	Laredo, TX	PBB242C	C	30	152,881	\$6,799,582.50	1	275,186	\$275,186.00	\$412,729.00	\$339,980.00
B243	Las Salle, IL	PBB243C	C	30	148,331	\$1,930,500.00	2	266,996	\$266,996.00	\$400,494.00	\$96,525.00
B245	Las Vegas, NV	PBB245C2	C	15	857,856	\$57,118,575.75	2,5	772,071	\$772,071.00	\$1,158,106.50	\$1,427,965.00
B247	Lawrence, KS	PBB247C	C	30	81,798	\$2,991,000.00	7	147,237	\$147,237.00	\$220,855.50	\$149,550.00
B249	Lebanon, NH	PBB249C	C	30	167,576	\$4,451,261.25	1	301,637	\$301,637.00	\$452,455.50	\$222,564.00
B250	Lewiston, ID	PBB250C	C	30	110,028	\$537,075.00	1	198,051	\$198,051.00	\$297,076.50	\$26,854.00
B251	Lewiston, ME	PBB251C2	C	15	221,697	\$4,626,000.00	1	199,528	\$199,528.00	\$299,292.00	\$115,650.00
B253	Liberal, KS	PBB253C	C	30	53,960	\$318,750.00	1	97,128	\$97,128.00	\$145,692.00	\$15,938.00
B254	Lihue, HI	PBB254C	C	30	51,177	\$2,512,500.00	1	92,119	\$92,119.00	\$138,178.50	\$125,625.00
B255	Lima, OH	PBB255C	C	30	249,734	\$3,426,000.00	2	449,522	\$449,522.00	\$674,283.00	\$171,300.00
B256	Lincoln, NE	PBB256C2	C	15	309,515	\$7,657,871.25	1	278,564	\$278,564.00	\$417,846.00	\$191,447.00
B257	Little Rock, AR	PBB257C	C	30	852,026	\$22,610,250.00	2	1,533,647	\$1,533,647.00	\$2,300,470.50	\$1,130,513.00
B258	Logan, UT	PBB258C	C	30	79,415	\$276,825.00	1	142,947	\$142,947.00	\$214,420.50	\$13,842.00
B259	Logan, WV	PBB259C	C	30	43,032	\$639,000.00	1	77,458	\$77,458.00	\$116,187.00	\$31,950.00
B260	Longview, TX	PBB260C	C	30	292,659	\$4,059,000.00	2	526,787	\$526,787.00	\$790,180.50	\$202,950.00
B264	Lubbock, TX	PBB264C2	C	15	392,901	\$4,385,333.25	1	353,611	\$353,611.00	\$530,416.50	\$109,634.00
B265	Lufkin, TX	PBB265C	C	30	144,081	\$2,840,250.00	1	259,346	\$259,346.00	\$389,019.00	\$142,013.00
B266	Lynchburg, VA	PBB266C	C	30	154,497	\$6,144,000.75	1	278,095	\$278,095.00	\$417,142.50	\$307,201.00
B267	McAlester, OK	PBB267C	C	30	50,914	\$774,000.00	1	91,646	\$91,646.00	\$137,469.00	\$38,700.00
B269	McComb, MS	PBB269C	C	30	107,298	\$2,424,000.00	1	193,137	\$193,137.00	\$289,705.50	\$121,200.00
B270	McCook, NE	PBB270C2	C	15	36,618	\$671,962.50	1	32,957	\$32,957.00	\$49,435.50	\$16,800.00
B271	Macon, GA	PBB271C	C	30	589,208	\$11,700,075.75	1	1,060,575	\$1,060,575.00	\$1,590,862.50	\$585,004.00
B273	Madisonville, KY	PBB273C	C	30	46,126	\$692,250.00	3a,4e	83,027	\$83,027.00	\$124,540.50	\$34,613.00
B275	Manhattan, KS	PBB275C	C	30	122,878	\$2,910,000.00	7	221,181	\$221,181.00	\$331,771.50	\$145,500.00
B277	Mankato, MN	PBB277C	C	30	245,144	\$4,216,500.00	1	441,260	\$441,260.00	\$661,890.00	\$210,825.00
B278	Mansfield, OH	PBB278C	C	30	221,514	\$5,541,000.00	1	398,726	\$398,726.00	\$598,089.00	\$277,050.00
B279	Marinette, WI	PBB279C	C	30	65,468	\$1,604,250.00	1	117,843	\$117,843.00	\$176,764.50	\$80,213.00
B280	Marion, IN	PBB280C2	C	15	109,238	\$2,374,496.25	1	98,315	\$98,315.00	\$147,472.50	\$59,363.00
B281	Marion, OH	PBB281C	C	30	92,023	\$1,211,250.00	1	165,642	\$165,642.00	\$248,463.00	\$60,563.00
B282	Marquette, MI	PBB282C	C	30	79,859	\$1,252,500.00	1	143,747	\$143,747.00	\$215,620.50	\$62,625.00
B284	Martinsville, VA	PBB284C2	C	15	90,577	\$1,434,000.00	1	81,520	\$81,520.00	\$122,280.00	\$35,850.00
B286	Mattoon, IL	PBB286C	C	30	62,314	\$434,325.00	1	112,166	\$112,166.00	\$168,249.00	\$21,717.00

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Market No.	Market Name	License No.	Block	Spectrum (MHz)	Population *	Most Recent Net High Bid from Previous Auction	Status**	Bidding Units	Upfront Payment***	Former Defaulters' Upfront Payment****	Minimum Opening Bid *****
B287	Meadville, PA	PBB287C2	C	15	86,169	\$1,343,253.75	1	77,553	\$77,553.00	\$116,329.50	\$33,582.00
B288	Medford, OR	PBB288C	C	30	209,038	\$4,284,750.00	1	376,269	\$376,269.00	\$564,403.50	\$214,238.00
B290	Memphis, TN	PBB290C2	C	15	1,396,390	\$52,327,500.00	1	1,256,751	\$1,256,751.00	\$1,885,126.50	\$1,308,188.00
B291	Merced, CA	PBB291C2	C	15	192,705	\$3,532,575.00	1	173,435	\$173,435.00	\$260,152.50	\$88,315.00
B292	Meridian, MS	PBB292C2	C	15	200,024	\$6,744,750.00	1	180,022	\$180,022.00	\$270,033.00	\$168,619.00
B294	Michigan City, IN	PBB294C	C	30	107,066	\$886,500.00	2	192,719	\$192,719.00	\$289,078.50	\$44,325.00
B295	Middlesboro, KY	PBB295C2	C	15	121,217	\$1,681,514.25	1	109,096	\$109,096.00	\$163,644.00	\$42,038.00
B296	Midland, TX	PBB296C2	C	15	111,567	\$2,328,084.00	1	100,411	\$100,411.00	\$150,616.50	\$58,203.00
B299	Minot, ND	PBB299C	C	30	122,687	\$251,666.25	1	220,837	\$220,837.00	\$331,255.50	\$12,584.00
B300	Missoula, MT	PBB300C	C	30	139,270	\$789,000.00	1	250,686	\$250,686.00	\$376,029.00	\$39,450.00
B301	Mitchell, SD	PBB301C	C	30	84,095	\$399,000.00	1	151,371	\$151,371.00	\$227,056.50	\$19,950.00
B301	Mitchell, SD	CWB301E	E	10	84,095	\$399,000.00	1	50,457	\$50,457.00	\$75,685.50	\$6,384.00
B303	Modesto, CA	PBB303C2	C	15	418,978	\$12,320,325.00	1	377,081	\$377,081.00	\$565,621.50	\$308,009.00
B304	Monroe, LA	PBB304C2	C	15	324,397	\$6,591,750.00	1	291,958	\$291,958.00	\$437,937.00	\$164,794.00
B305	Montgomery, AL	PBB305C2	C	15	440,745	\$13,493,250.00	1	396,671	\$396,671.00	\$595,006.50	\$337,332.00
B306	Morgantown, WV	PBB306C2	C	15	104,546	\$579,000.00	1	94,092	\$94,092.00	\$141,138.00	\$14,475.00
B308	Mt Vernon, IL	PBB308C	C	30	119,286	\$1,353,000.00	2	214,715	\$214,715.00	\$322,072.50	\$67,650.00
B309	Muncie, IN	PBB309C	C	30	182,386	\$2,396,461.50	1	328,295	\$328,295.00	\$492,442.50	\$119,824.00
B310	Muskegon, MI	PBB310C2	C	15	206,974	\$2,658,750.00	2,5	186,277	\$186,277.00	\$279,415.50	\$66,469.00
B311	Muskogee, OK	PBB311C2	C	15	148,267	\$5,904,750.75	1	133,441	\$133,441.00	\$200,161.50	\$147,619.00
B314	Nashville, TN	PBB314C2	C	15	1,429,309	\$60,122,953.50	1	1,286,379	\$1,286,379.00	\$1,929,568.50	\$1,503,074.00
B315	Natchez, MS	PBB315C	C	30	73,214	\$741,000.00	1	131,786	\$131,786.00	\$197,679.00	\$37,050.00
B317	New Castle, PA	PBB317C2	C	15	96,246	\$2,187,000.00	1	86,622	\$86,622.00	\$129,933.00	\$54,675.00
B320	New Orleans, LA	PBB320C2	C	15	1,367,169	\$52,815,000.00	2,5	1,230,453	\$1,230,453.00	\$1,845,679.50	\$1,320,375.00
B322	Nogales, AZ	PBB322C	C	30	29,676	\$1,240,500.00	1	53,417	\$53,417.00	\$80,125.50	\$62,025.00
B323	Norfolk, NE	PBB323C	C	30	112,526	\$814,500.00	1	202,547	\$202,547.00	\$303,820.50	\$40,725.00
B325	North Platte, NE	PBB325C2	C	15	80,249	\$1,549,346.25	1	72,225	\$72,225.00	\$108,337.50	\$38,734.00
B326	Ocala, FL	PBB326C2	C	15	194,833	\$5,764,500.00	1	175,350	\$175,350.00	\$263,025.00	\$144,113.00
B327	Odessa, TX	PBB327C2	C	15	213,420	\$3,658,505.25	1	192,078	\$192,078.00	\$288,117.00	\$91,463.00
B328	Oil City, PA	PBB328C2	C	15	105,882	\$1,424,257.50	1	95,294	\$95,294.00	\$142,941.00	\$35,607.00
B330	Olean, NY	PBB330C	C	30	239,343	\$4,697,250.00	1	430,818	\$430,818.00	\$646,227.00	\$234,863.00
B332	Omaha, NE	PBB332C2	C	15	905,991	\$25,310,475.00	2,5	815,392	\$815,392.00	\$1,223,088.00	\$632,762.00
B333	Oneonta, NY	PBB333C2	C	15	107,742	\$1,954,539.75	1	96,968	\$96,968.00	\$145,452.00	\$48,864.00
B334	Opelika, AL	PBB334C2	C	15	124,022	\$891,749.25	1	111,620	\$111,620.00	\$167,430.00	\$22,294.00
B338	Owensboro, KY	PBB338C	C	30	157,104	\$2,468,250.00	3a,4e	282,788	\$282,788.00	\$424,182.00	\$123,413.00
B339	Paducah, KY	PBB339C	C	30	217,082	\$2,417,250.00	3a,4e	390,748	\$390,748.00	\$586,122.00	\$120,863.00
B340	Panama City, FL	PBB340C2	C	15	171,195	\$4,110,000.00	1	154,076	\$154,076.00	\$231,114.00	\$102,750.00
B341	Paris, TX	PBB341C	C	30	89,422	\$2,292,750.00	1	160,960	\$160,960.00	\$241,440.00	\$114,638.00
B342	Parkersburg, WV	PBB342C	C	30	180,025	\$1,896,000.00	1	324,045	\$324,045.00	\$486,067.50	\$94,800.00
B344	Peoria, IL	PBB344C	C	30	455,643	\$13,511,250.00	1	820,158	\$820,158.00	\$1,230,237.00	\$675,563.00
B345	Petoskey, MI	PBB345C2	C	15	85,863	\$528,000.00	1	77,277	\$77,277.00	\$115,915.50	\$13,200.00
B346	Philadelphia, PA	PBB346C2	C	15	5,899,345	\$320,238,761.25	1	5,309,411	\$5,309,411.00	\$7,964,116.50	\$8,005,970.00
B347	Phoenix, AZ	PBB347C	C	30	2,404,760	\$213,807,750.00	1	4,328,568	\$4,328,568.00	\$6,492,852.00	\$10,690,388.00
B348	Pine Bluff, AR	PBB348C	C	30	152,918	\$1,530,750.00	1	275,253	\$275,253.00	\$412,879.50	\$76,538.00
B351	Pittsfield, MA	PBB351C	C	30	139,352	\$3,002,261.25	1	250,834	\$250,834.00	\$376,251.00	\$150,114.00
B352	Plattsburgh, NY	PBB352C	C	30	123,121	\$1,282,500.00	3b,4d	221,618	\$221,618.00	\$332,427.00	\$64,125.00
B353	Pocatello, ID	PBB353C	C	30	89,651	\$1,020,000.00	1	161,372	\$161,372.00	\$242,058.00	\$51,000.00
B355	Poplar Bluff, MO	PBB355C	C	30	148,240	\$1,381,500.00	2	266,832	\$266,832.00	\$400,248.00	\$69,075.00
B356	Port Angeles, WA	PBB356C2	C	15	76,610	\$597,150.00	1	68,949	\$68,949.00	\$103,423.50	\$14,929.00
B359	Portsmouth, OH	PBB359C	C	30	93,356	\$1,253,250.00	1	168,041	\$168,041.00	\$252,061.50	\$62,663.00
B360	Pottsville, PA	PBB360C	C	30	152,585	\$4,561,511.25	1	274,653	\$274,653.00	\$411,979.50	\$228,076.00
B362	Prescott, AZ	PBB362C	C	30	107,714	\$4,575,000.00	1	193,886	\$193,886.00	\$290,829.00	\$228,750.00
B363	Presque Isle, ME	PBB363C	C	30	86,936	\$562,500.00	1	156,485	\$156,485.00	\$234,727.50	\$28,125.00
B365	Provo, UT	PBB365C	C	30	269,407	\$6,678,075.00	1	484,933	\$484,933.00	\$727,399.50	\$333,904.00
B366	Pueblo, CO	PBB366C	C	30	266,001	\$4,991,674.50	7	478,802	\$478,802.00	\$718,203.00	\$249,584.00
B367	Quincy, IL	PBB367C	C	30	177,213	\$1,531,500.00	1	318,984	\$318,984.00	\$478,476.00	\$76,575.00
B369	Rapid City, SD	PBB369C	C	30	181,278	\$1,470,000.75	1	326,301	\$326,301.00	\$489,451.50	\$73,501.00
B370	Reading, PA	PBB370C2	C	15	336,523	\$15,030,761.25	1	302,871	\$302,871.00	\$454,306.50	\$375,770.00
B371	Redding, CA	PBB371C2	C	15	253,255	\$4,500,825.00	1	227,930	\$227,930.00	\$341,895.00	\$112,521.00
B372	Reno, NV	PBB372C	C	30	439,279	\$27,802,575.00	1	790,703	\$790,703.00	\$1,186,054.50	\$1,390,129.00
B373	Richmond, IN	PBB373C	C	30	104,942	\$855,000.00	3b,4d	188,896	\$188,896.00	\$283,344.00	\$42,750.00
B378	Rochester, MN	PBB378C	C	30	233,167	\$4,389,000.00	1	419,701	\$419,701.00	\$629,551.50	\$219,450.00
B379	Rochester, NY	PBB379C	C	30	1,118,963	\$27,255,011.25	1	2,014,134	\$2,014,134.00	\$3,021,201.00	\$1,362,751.00
B380	Rockford, IL	PBB380C	C	30	412,120	\$14,433,000.00	2	741,816	\$741,816.00	\$1,112,724.00	\$721,650.00
B381	Rock Springs, WY	PBB381C	C	30	56,981	\$849,000.00	7	102,566	\$102,566.00	\$153,849.00	\$42,450.00
B383	Rolla, MO	PBB383C	C	30	98,233	\$804,750.00	1	176,820	\$176,820.00	\$265,230.00	\$40,238.00
B384	Rome, GA	PBB384C	C	30	115,066	\$1,584,000.00	1	207,119	\$207,119.00	\$310,678.50	\$79,200.00
B385	Roseburg, OR	PBB385C	C	30	94,649	\$1,659,000.00	1	170,369	\$170,369.00	\$255,553.50	\$82,950.00

ATTACHMENT A

Summary of PCS Spectrum for Auction

Market No.	Market Name	License No.	Block	Spectrum (MHz)	Population *	Most Recent Net High Bid from Previous Auction	Status**	Bidding Units	Upfront Payment***	Former Defaulters' Upfront Payment****	Minimum Opening Bid *****
B386	Roswell, NM	PBB386C2	C	15	70,068	\$1,174,512.00	1	63,062	\$63,062.00	\$94,593.00	\$29,363.00
B387	Russellville, AR	PBB387C2	C	15	81,863	\$582,000.00	1	73,677	\$73,677.00	\$110,515.50	\$14,550.00
B388	Rutland, VT	PBB388C2	C	15	97,987	\$2,850,375.00	1	88,189	\$88,189.00	\$132,283.50	\$71,260.00
B391	St Cloud, MN	PBB391C	C	30	243,888	\$6,826,043.00	1	438,999	\$438,999.00	\$658,498.50	\$341,303.00
B392	St George, UT	PBB392C2	C	15	83,263	\$2,522,250.00	1	74,937	\$74,937.00	\$112,405.50	\$63,057.00
B394	St Louis, MO	PBB394C	C	30	2,742,114	\$104,425,579.50	2	4,935,806	\$4,935,806.00	\$7,403,709.00	\$5,221,279.00
B395	Salem, OR	PBB395C	C	30	440,062	\$17,070,000.00	1	792,112	\$792,112.00	\$1,188,168.00	\$853,500.00
B396	Salina, KS	PBB396C	C	30	143,408	\$1,200,750.00	1	258,135	\$258,135.00	\$387,202.50	\$60,038.00
B398	Salisbury, MD	PBB398C	C	30	163,043	\$4,878,750.00	1	293,478	\$293,478.00	\$440,217.00	\$243,938.00
B399	Salt Lake City, UT	PBB399C	C	30	1,308,035	\$82,293,825.00	1	2,354,463	\$2,354,463.00	\$3,531,694.50	\$4,114,692.00
B400	San Angelo, TX	PBB400C2	C	15	155,845	\$2,972,333.25	1	140,261	\$140,261.00	\$210,391.50	\$74,309.00
B403	Sandusky, OH	PBB403C2	C	15	133,019	\$3,375,000.00	2,5	119,718	\$119,718.00	\$179,577.00	\$84,375.00
B407	Santa Fe, NM	PBB407C2	C	15	174,526	\$6,600,000.00	1	157,074	\$157,074.00	\$235,611.00	\$165,000.00
B409	Sault Ste. Marie, M	PBB409C	C	30	51,041	\$929,250.00	1	91,874	\$91,874.00	\$137,811.00	\$46,463.00
B410	Savannah, GA	PBB410C2	C	15	630,180	\$19,875,000.00	1	567,162	\$567,162.00	\$850,743.00	\$496,875.00
B414	Sedalia, MO	PBB414C2	C	15	79,705	\$445,500.00	1	71,735	\$71,735.00	\$107,602.50	\$11,138.00
B416	Sharon, PA	PBB416C2	C	15	121,003	\$1,783,500.00	1	108,903	\$108,903.00	\$163,354.50	\$44,588.00
B418	Sherman, TX	PBB418C	C	30	151,914	\$5,995,500.75	1	273,446	\$273,446.00	\$410,169.00	\$299,776.00
B419	Shreveport, LA	PBB419C	C	30	583,266	\$12,926,250.00	2	1,049,879	\$1,049,879.00	\$1,574,818.50	\$646,313.00
B420	Sierra Vista, AZ	PBB420C	C	30	97,624	\$2,242,500.00	1	175,724	\$175,724.00	\$263,586.00	\$112,125.00
B422	Sioux Falls, SD	PBB422C	C	30	207,716	\$5,147,345.25	1	373,889	\$373,889.00	\$560,833.50	\$257,368.00
B423	Somersett, KY	PBB423C	C	30	111,487	\$1,522,500.00	3a,4e	200,677	\$200,677.00	\$301,015.50	\$76,125.00
B424	South Bend, IN	PBB424C2	C	15	330,821	\$13,226,846.25	1	297,739	\$297,739.00	\$446,608.50	\$330,672.00
B425	Spokane, Wa	PBB425C2	C	15	612,862	\$11,783,325.75	1	551,576	\$551,576.00	\$827,364.00	\$294,584.00
B426	Springfield, IL	PBB426C	C	30	254,696	\$7,650,750.00	2	458,453	\$458,453.00	\$687,679.50	\$382,538.00
B427	Springfield, MA	PBB427C	C	30	672,970	\$22,495,511.25	1	1,211,346	\$1,211,346.00	\$1,817,019.00	\$1,124,776.00
B429	State College, PA	PBB429C	C	30	123,786	\$2,597,261.25	1	222,815	\$222,815.00	\$334,222.50	\$129,864.00
B430	Staunton, VA	PBB430C2	C	15	100,322	\$1,887,000.00	1	90,290	\$90,290.00	\$135,435.00	\$47,175.00
B431	Steubenville, OH	PBB431C	C	30	142,523	\$1,221,000.00	1	256,542	\$256,542.00	\$384,813.00	\$61,050.00
B435	Stroudsburg, PA	PBB435C2	C	15	95,709	\$1,629,000.00	1	86,139	\$86,139.00	\$129,208.50	\$40,725.00
B437	Sunbury, PA	PBB437C	C	30	187,362	\$4,591,511.25	1	337,252	\$337,252.00	\$505,878.00	\$229,576.00
B438	Syracuse, NY	PBB438C2	C	15	791,140	\$16,914,000.00	1	712,026	\$712,026.00	\$1,068,039.00	\$422,850.00
B439	Tallahassee, FL	PBB439C2	C	15	418,963	\$21,667,500.75	1	377,067	\$377,067.00	\$565,600.50	\$541,688.00
B442	Terre Haute, IN	PBB442C2	C	15	236,968	\$5,344,596.00	1	213,272	\$213,272.00	\$319,908.00	\$133,615.00
B443	Texarkana, TX	PBB443C	C	30	255,983	\$2,760,750.00	2	460,770	\$460,770.00	\$691,155.00	\$138,038.00
B444	Toledo, OH	PBB444C2	C	15	782,184	\$18,306,750.00	2,5	703,966	\$703,966.00	\$1,055,949.00	\$457,669.00
B446	Traverse City, MI	PBB446C2	C	15	204,600	\$3,649,500.00	1	184,140	\$184,140.00	\$276,210.00	\$91,238.00
B447	Tucson, AZ	PBB447C2	C	15	666,880	\$36,461,250.00	1	600,192	\$600,192.00	\$900,288.00	\$911,532.00
B448	Tulsa, OK	PBB448C2	C	15	836,559	\$31,869,001.50	1	752,904	\$752,904.00	\$1,129,356.00	\$796,726.00
B449	Tupelo, MS	PBB449C	C	30	291,701	\$4,520,437.50	1	525,062	\$525,062.00	\$787,593.00	\$226,022.00
B450	Tuscaloosa, AL	PBB450C2	C	15	237,918	\$4,650,228.75	1	214,127	\$214,127.00	\$321,190.50	\$116,256.00
B451	Twin Falls, ID	PBB451C	C	30	136,831	\$2,574,000.00	1	246,296	\$246,296.00	\$369,444.00	\$128,700.00
B452	Tyler, TX	PBB452C	C	30	269,762	\$9,651,000.00	2	485,572	\$485,572.00	\$728,358.00	\$482,550.00
B453	Utica, NY	PBB453C2	C	15	316,633	\$6,750,000.00	1	284,970	\$284,970.00	\$427,455.00	\$168,750.00
B454	Valdosta, GA	PBB454C	C	30	139,226	\$1,689,008.25	1	250,607	\$250,607.00	\$375,910.50	\$84,451.00
B456	Vicotria, TX	PBB456C	C	30	149,963	\$2,301,666.00	1	269,934	\$269,934.00	\$404,901.00	\$115,084.00
B457	Vincennes, IN	PBB457C2	C	15	93,758	\$480,069.75	1	84,383	\$84,383.00	\$126,574.50	\$12,002.00
B458	Visalia, CA	PBB458C2	C	15	413,390	\$9,371,325.00	1	372,051	\$372,051.00	\$558,076.50	\$234,284.00
B458	Visalia, CA	CWD458E	E	10	413,390	\$9,371,325.00	6	248,034	\$248,034.00	\$372,051.00	\$149,942.00
B459	Waco, TX	PBB459C	C	30	270,052	\$5,889,750.00	1	486,094	\$486,094.00	\$729,141.00	\$294,488.00
B460	Walla Walla, WA	PBB460C2	C	15	151,563	\$1,310,252.25	1	136,407	\$136,407.00	\$204,610.50	\$32,757.00
B463	Watertown, NY	PBB463C2	C	15	296,253	\$3,647,250.00	1	266,628	\$266,628.00	\$399,942.00	\$91,182.00
B464	Watertown, SD	PBB464C	C	30	74,555	\$534,750.00	1	134,199	\$134,199.00	\$201,298.50	\$26,738.00
B465	Waterville, ME	PBB465C2	C	15	165,671	\$1,961,250.00	1	149,104	\$149,104.00	\$223,656.00	\$49,032.00
B467	Waycross, GA	PBB467C	C	30	99,034	\$576,750.75	1	178,262	\$178,262.00	\$267,393.00	\$28,838.00
B468	Wenatchee, WA	PBB468C2	C	15	166,563	\$890,250.75	1	149,907	\$149,907.00	\$224,860.50	\$22,257.00
B470	West Plains, MO	PBB470C	C	30	67,165	\$262,500.00	1	120,897	\$120,897.00	\$181,345.50	\$13,125.00
B471	Wheeling, WV	PBB471C	C	30	219,937	\$2,025,000.00	1	395,887	\$395,887.00	\$593,830.50	\$101,250.00
B472	Wichita, KS	PBB472C	C	30	597,494	\$9,632,337.00	1	1,075,490	\$1,075,490.00	\$1,613,235.00	\$481,617.00
B473	Wichita Falls, TX	PBB473C	C	30	209,339	\$4,292,259.00	1	376,811	\$376,811.00	\$565,216.50	\$214,613.00
B474	Williamson, WV	PBB474C	C	30	185,682	\$1,403,250.00	3a,4e	334,228	\$334,228.00	\$501,342.00	\$70,163.00
B475	Williamsport, PA	PBB475C	C	30	161,996	\$2,241,761.25	1	291,593	\$291,593.00	\$437,389.50	\$112,089.00
B476	Williston, ND	PBB476C	C	30	27,512	\$462,755.25	1	49,522	\$49,522.00	\$74,283.00	\$23,138.00
B477	Wilmar, MN	PBB477C2	C	15	123,749	\$512,011.50	1	111,375	\$111,375.00	\$167,062.50	\$12,801.00
B481	Worthington, MN	PBB481C2	C	15	96,602	\$340,500.00	1	86,942	\$86,942.00	\$130,413.00	\$8,513.00
B482	Yakima, WA	PBB482C2	C	15	215,548	\$3,558,000.75	1	193,994	\$193,994.00	\$290,991.00	\$88,951.00
B483	York, PA	PBB483C	C	30	417,848	\$9,045,011.25	1	752,127	\$752,127.00	\$1,128,190.50	\$452,251.00
B484	Youngstown, OH	PBB484C	C	30	492,619	\$12,059,250.00	1	886,715	\$886,715.00	\$1,330,072.50	\$602,963.00

ATTACHMENT A

Summary of PCS Spectrum for Auction

Market No.	Market Name	License No.	Block	Spectrum (MHz)	Population *	Most Recent Net High Bid from Previous Auction	Status**	Bidding Units	Upfront Payment***	Former Defaulters' Upfront Payment****	Minimum Opening Bid *****
B486	Yuma, AZ	PBB486C	C	30	106,895	\$5,437,500.00	1	192,411	\$192,411.00	\$288,616.50	\$271,875.00
B487	Zanesville, OH	PBB487C	C	30	178,179	\$1,401,750.00	1	320,723	\$320,723.00	\$481,084.50	\$70,088.00
B488	San Juan, PR	PBB488C2	C	15	2,170,246	\$84,687,825.00	1	1,953,222	\$1,953,222.00	\$2,929,833.00	\$2,117,196.00
B489	Mayaguez, PR	PBB489C2	C	15	1,351,600	\$29,400,075.00	1	1,216,440	\$1,216,440.00	\$1,824,660.00	\$735,002.00
B490	Guam	PBB490C	C	30	133,000	\$1,073,250.00	2	239,400	\$239,400.00	\$359,100.00	\$53,663.00
B491	US Virgin Islands	PBB491C	C	30	102,000	\$7,797,750.00	1	183,600	\$183,600.00	\$275,400.00	\$389,888.00
B493	Northern Mariana I	PBB493C	C	30	43,000	\$422,250.00	2	77,400	\$77,400.00	\$116,100.00	\$21,113.00
TOTALS						3,869,636,592		162,161,672	162,161,672	243,242,508	156,031,532

Notes:

* Population

All population figures are from the 4/1/90 U.S. Census, U.S. Department of Commerce, Bureau of the Census.

**Status

1. Spectrum Never Awarded or Returned Pursuant to an Election

2. The previous licensee of this spectrum block, DCR PCS, Inc. (a wholly owned subsidiary of Pocket Communications, Inc.), precipitated the cancellation of its license pursuant to a binding, unconditional election under Commission Rules and Orders. While DCR PCS, Inc., is currently in bankruptcy, on November 13, 1998, the judge in that case denied a request to continue a preliminary injunction preventing the Commission from "alienating" the DCR PCS, Inc., Licenses through November 16, 1998. Order Denying Further Continuation of Preliminary Injunction, In re Pocket Communications, Inc., and In re DCR PCS Inc., jointly administered under Case No. 97-5-4105-SD, and Pacific Eagle Investments, Ltd., et al. v. FCC and U.S.A., Adversary Proceeding No. 98-6223 (ESD) (Bankr. N.D. Md., entered Nov. 11, 1998). Thus, this license is now available for auction.

3. Post-Election Installment Payment Defaults

3a. SouthEast Telephone, Inc.

3b. Wireless Ventures, Inc.

4. Cancellation, Petition, or Application for Review Pending

4a. **Note deleted.**

4b. **Note deleted.**

4c. **Note deleted.**

4d. Wireless Ventures, Inc.

4e. SouthEast Telephone, Inc.

5. Eleven 15 MHz C Block licenses were inadvertently listed as 30 MHz licenses in the *Public Notice* DA#98-2318 (released November 12, 1998). Accordingly, this attachment revises the license numbers.

6. The previous licensee of this spectrum block, Entertainment Unlimited, Inc., defaulted on its full payment due May 12, 1997.

7. Mountain Solutions, Ltd., Inc., filed a Notice of Appeal in the United States Court of Appeals seeking review of the District of Columbia Circuit for an order of the Commission denying a waiver of the second down payment deadline.

*** Upfront Payment Calculation

Market Population * Spectrum (in MHz) * \$0.06 (result is rounded up to the next highest dollar).

**** Former Defaulters Upfront Payment Calculation

Upfront Payment Calculation multiplied by 1.5 (result is **NOT** rounded.)

***** Minimum Opening Bid Calculations

10 MHz Licenses: Net high bid (from the most recent auction) * 0.016 (result is rounded up to the next highest dollar).

15 MHz Licenses: Net high bid (from the most recent auction) * 0.025 (result is rounded up to the next highest dollar).

30 MHz Licenses: Net high bid (from the most recent auction) * 0.05 (result is rounded up to the next highest dollar).

Attachment F

FILE FORMATS

This attachment describes the formats for the round results files that will be uploaded to the FCC Internet site and FCC Auction Bulletin Board System (BBS) after each round of the auction. There are three sets of results files. The first set of files is in Microsoft Access 97 mdb format and contains the data tables for the new FCC Auction tracking tool. The other files are in dbf and txt format and contain the raw output of the auction data.

The newest round results are uploaded to the *Results* directory based on type of file format: dbf, mdb (zip files), and txt.

On *wtbwww13.fcc.gov*:

- http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/dbf/
- http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/mdb/
- http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/txt/

On *www.fcc.gov*:

- http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/dbf/
- http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/mdb/
- http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/txt/

After every 50 rounds, files will be moved from the Results directory to archive directories. The following listings show an example of the directory structure for an auction in round 102. Note that the results for rounds 101 and 102 would be in the *Results* directories.

On *wtbwww13.fcc.gov*:

Rounds 1-50 http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/dbf/D001_050
Rounds 51-100 http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/dbf/D051_100
Rounds 101-102 http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/dbf/

Rounds 1-50 http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/mdb/M001_050
Rounds 51-100 http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/mdb/M051_100
Rounds 101-102 http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/mdb/

Rounds 1-50 http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/txt/T001_050
Rounds 51-100 http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/txt/T051_100
Rounds 101-102 http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/txt/

On *www.fcc.gov*:

Rounds 1-50 http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/dbf/D001_050
Rounds 51-100 http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/dbf/D051_100
Rounds 101-102 http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/dbf/

Rounds 1-50 http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/mdb/M001_050
Rounds 51-100 http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/mdb/M051_100
Rounds 101-102 http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/mdb/

Rounds 1-50	http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/txt/T001_050
Rounds 51-100	http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/txt/T051_100
Rounds 101-102	http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/txt/

Tracking the FCC Mock Auction

Mock Auction round results and announcement files will be posted on the FCC Internet and FCC Auction Bulletin Board System (BBS) in the same location as the auction results. The directory structure for the mock auction will be as follows:

On wtbwww13.fcc.gov:

- <http://wtbwww13.fcc.gov/Mock/Results/dbf/>
- <http://wtbwww13.fcc.gov/Mock/Results/mdb/>
- <http://wtbwww13.fcc.gov/Mock/Results/txt/>

On www.fcc.gov:

- <http://www.fcc.gov/Auctions/Mock/Results/dbf/>
- <http://www.fcc.gov/Auctions/Mock/Results/mdb/>
- <http://www.fcc.gov/Auctions/Mock/Results/txt/>

Auction Tracking Tool File Format

There will be a single Auction tracking Tool file for each round of the auction. The following layout describes the tables and fields within the mdb round file. The mdb files are for use with the new FCC Auction Tracking Tool.

All Bids table

Auction ID	Long Integer
Round	Long Integer
License Name	Text(9)
Market	Text(6)
Block	Text(2)
Submarket	Integer
Bidder	Text(50)
Increments of Bid	Long Integer
Gross Bid Amount	Currency
Net Bid Amount	Currency

Bidders table

Auction ID	Long Integer
Round	Long Integer
Bidder	Text(50)
FCC Acct	Text(10)
Bidding Credit	Single

Initial Eligibility	Long Integer
Current Eligibility	Long Integer
Change in Eligibility	Long Integer
Waiver Type	Text(1)
New Bids	Long Integer
Gross Bids	Currency
Net Bids	Currency
Total High Bids	Long Integer
Gross High Bids	Currency
Net High Bids	Currency
Current Activity	Long Integer
Required Activity	Long Integer
Unused Elig from Prev Round	Long Integer
Waivers Remaining	Long Integer
Withdrawals Remaining	Long Integer

Bidders Raising Own High Bid table

Auction ID	Long Integer
Round	Long Integer
License Name	Text(9)
Major Grouping	Text(6)
Minor Grouping	Text(6)
Block	Text(2)
Submarket	Integer
Bidder	Text(50)
Increments of Bid	Long Integer
Gross Bid Amount	Currency
Net Bid Amount	Currency

Bidders Who Reduced table

Round	Long Integer
Bidder Who Reduced	Text(50)
Reduction Amt	Long Integer
Current Eligibility	Long Integer

Increment Statistics table

Auction ID	Long Integer
Round	Long Integer
1	Long Integer
2	Long Integer
3	Long Integer
4	Long Integer
5	Long Integer
6	Long Integer
7	Long Integer

8	Long Integer
9	Long Integer

Markets table

Auction ID	Long Integer
Round	Long Integer
License Name	Text(9)
Major Grouping	Text(6)
Minor Grouping	Text(6)
Block	Text(2)
Submarket	Integer
License Size	Double
Market Name	Text(50)
BUs	Long Integer
Population	Long Integer
Number of Bids	Long Integer
High Bidder	Text(50)
Round of High Bid	Long Integer
Increments of Bid	Long Integer
Gross	Currency
Bidding Credit	Single
Net	Currency
Min Acceptable Bid	Currency
Bid Increment	Currency
Prev High Bidder	Text(50)
Round of Prev High Bid	Long Integer
Prev Gross	Currency
Prev Bidding Credit	Single
Prev Net	Currency
Selected	Long Integer
All Selected	Long Integer

Round Statistics table

Auction ID	Long Integer
Round	Long Integer
Round Date	Date/Time
Stage	Long Integer
New Bids	Long Integer
Total High Bids	Long Integer
Pctg of BUs for All Bids	Single
Pctg of BUs for High Bids	Single
Gross Bids	Currency
Net Bids	Currency
Dollar Change in Net Bids	Currency
Pctg Change in Net Bids	Single
Eligible Bidders	Long Integer

Bidders At Risk	Long Integer
Number Reduced	Long Integer
BUs Reduced	Long Integer
Eligibility Ratio	Single
Pctg of Covered Bus	Single
Waivers	Long Integer
Withdrawals	Long Integer
FCC Held Licenses	Long Integer
Pctg of Covered Pops	Single
Pctg of the Pops with Bidding Credit	Single

Waiver Statistics table

Auction ID	Long Integer
Round	Long Integer
Bidder	Text(50)
Waiver Type	Text(1)
Remaining Waivers	Long Integer

Withdrawal Statistics table

Auction ID	Long Integer
Withdrawal Number	Long Integer
Bidder	Text(50)
License Name	Text(9)
Market	Text(6)
Block	Text(2)
Submarket	Integer
BUs	Long Integer
Population	Long Integer
Round	Long Integer
Gross	Currency
Net	Currency
Min Bid	Currency
New High Bidder	Text(50)
New High Bid Round	Long Integer
Gross High Bid	Currency
Net High Bid	Currency

Round Results Files

The round results files were used by the previous Excel based tracking tool produced by the FCC and are still being distributed for those bidders who use them for their own tracking purposes. The following layouts are for the dbf files. The txt files will have character field types.

ALL_BIDS file

market	char(6)
freq_block	char(2)
round_num	numeric
bid_amt	numeric
bidder_num	numeric
fcc_acct	char(10)
date	date
time	char(8)
net_bid_amt	numeric
sort_col_1	numeric
sort_col_2	numeric
sub_market	integer

HIGH_BIDS file

market	char(6)
freq_block	char(2)
bid_round	numeric
bid_amt	numeric
bidder_num	numeric
fcc_acct	char(10)
date	date
time	char(8)
net_bid_amt	numeric
min_accept	numeric
num_of_bids	numeric
sort_col_1	numeric
sort_col_2	numeric
sub_market	integer

MAXIMUM_ELIGIBILITY file

round_num	numeric
bidder_num	numeric
fcc_acct	char(10)
max_elig	numeric
rmng_waivr	numeric
waivr_ind	char(1)
rmng_withdrawals	numeric
required_act	numeric

current_activity numeric

WITHDRAWALS file

market char(6)
freq_block char(2)
bid_round numeric
bid_amt numeric
bidder_num numeric
fcc_acct char(10)
date date
time char(8)
net_bid_amt numeric
sort_col_1 numeric
sort_col_2 numeric
sub_market integer

BIDDER_CROSS_REFERENCE file

bidder_num numeric
fcc_acct char(10)
co_name char(50)
bidding_credit_pctg numeric

Attachment G

ACCESSING THE FCC NETWORK USING WINDOWS 95/98

This attachment describes how to access the FCC Network from a system that is running the Microsoft Windows 95 or Microsoft Windows 98 operating system. This involves configuring dial-up network access and then performing the dial-up procedure.

Conventions

The instructions in this section use the following typographical conventions:

bold Represents objects on the screen that you click with the mouse pointer, including buttons, Internet links, icons, tabs, menu items (e.g., **Cancel** button, **Auctions** link, **Save** option in the File menu).

italic Represents field names or areas of a screen (e.g., *Applicant* field, *Selected Licenses* area of a screen).

bold italic Represents characters that you must type exactly as they appear in the instructions. For example, if you are instructed to type ***http://wtbwww26.fcc.gov***, you should type all of the characters shown in ***bold italic*** exactly as they are printed.

SMALL CAPS Represents keys on the keyboard (e.g., ENTER, CTRL, ESC).

Note: Throughout these instructions, “enter” means to type the appropriate information and then press the ENTER key.

Configuring Dial-Up Networking

1. To start dial-up networking:
 - a. Click the Windows 95/98 **Start** button.
 - b. Click the **Programs** option to display the Programs menu.
 - c. Click the **Accessories** option to display the Accessories menu.
 - d. In Windows 95, click **Dial-Up Networking**.
In Windows 98, click **Communications**, then **Dial-Up Networking**.

If Dial-Up Networking is not an option on your Accessories menu, you should install it from your Windows 95/98 CD or diskettes.

2. When the Dial-Up Networking window appears, double-click the **Make New Connection** icon.

3. The Make New Connection window appears.
If you are connecting to submit FCC Form 175 applications, type **FCC Auctions 877#** in the field titled *Type a name for the computer you are dialing*.

If you are connecting to review FCC Form 175 applications or to use the FCC Remote Access System, type **FCC Auctions 900#** in the field titled *Type a name for the computer you are dialing*.

Note: If you connect to the FCC's 900# telephone service, there is a charge of \$2.30 per minute. The first minute of connection time to the 900 number service is at no charge.

4. In Windows 95, click the down arrow at the right of the *Select a modem* field and select your modem from the menu of available modems.

In Windows 98, click the down arrow at the right of the *Select a device* field and select your modem from the menu of available devices.

If your modem does not appear on this list, you must install your modem driver according to the modem manufacturer installation procedures, which are usually described in your modem's user manual.

5. Click the **Next** button.

6. If you are connecting to submit FCC Form 175 applications, type **877** and **844-2788** in the *Area Code* and *Telephone Number* fields, respectively.

If you are connecting to review FCC Form 175 applications or to use the FCC Remote Access System, type **900** and **555-5554** in the *Area Code* and *Telephone Number* fields, respectively.

7. Verify that the correct country is selected in the *Country code* field.

If necessary, click the down arrow at the right of the *Country code* field and select the appropriate country from the menu of available countries.

8. Click the **Next** button.

9. Click the **Finish** button.

An icon labeled either *FCC Auctions 877#* or *FCC Auctions 900#* appears in the Dial-Up Networking window.

10. Verify that properties are configured correctly before attempting a dial-up session. Put the mouse pointer on the FCC Auctions icon that you wish to configure and click the **right** mouse button to display a menu. Click **Properties** from the menu.

11. Click the **Configure** button. Click the **Options** tab at the top of the Properties window.
12. In the *Connection control* area of the Options tab, verify that *neither* option is selected. If either option is selected, click the check box at the left of the option to deselect it. Then click **OK**.
13. In Windows 95, click the **Server Type...** button.

In Windows 98, click the **Server Types** tab at the top of the Properties window.
14. In the *Advanced Options* area, verify that only *Enable software compression* is selected. If it is not selected, click the check box at the left of the option to select it. If either of the other options is selected, click the check box to deselect it.
15. In the *Allowed Network Protocols* area, verify that only *TCP/IP* is selected.

If it is not selected, click the check box at the left of the option to select it. If either of the other options is selected, click the check box to deselect it.
16. Click the **TCP/IP Settings** button and select *Specify name server addresses*.
17. Type **165.135.79.95** as the Primary DNS.
18. Click **OK** on the TCP/IP Settings window and the Server Type window.
19.
 - a. Click the Windows 95/98 *Start* button, then click the *Settings* option to display the Settings menu.
 - b. Click *Control Panel* and then double-click the *Network* icon.
 - c. Highlight the TCP/IP Protocol and click *Properties*. If there are multiple TCP/IP protocols, highlight TCP/IP --> Dial-Up Adapter and click *Properties*.
 - d. Click the *DNS Configuration* tab.
 - e. Select *Enable DNS*. Type **bidder** in the *Host* box, type **fcc.gov** in the *Domain* box, then type **165.135.79.95** in the DNS Server Search Order box and click the *Add* button.
 - f. Click *OK* on the TCP/IP Properties windows, then click *OK* on the Network windows.
 - f. If you are prompted to restart your computer, click *Yes* to restart, then begin the Dial-Up Procedure.

Dial-Up Procedure

1. If the Dial-Up Networking window is not currently open, do the following:
 - a. Click the Windows 95/98 **Start** button.
 - b. Click the **Programs** option to display the Programs menu.
 - c. Click the **Accessories** option to display the Accessories menu.
 - d. In Windows 95, click **Dial-Up Networking**
In Windows 98, click **Communications**, then **Dial-Up Networking**.

The Dial-Up Networking window appears.

2. In the Dial-Up Networking window, double-click the **FCC Auctions 877#** or **FCC Auctions 900#** icon.

Note: If you connect to the FCC's 900 number telephone service, there is a charge of \$2.30 per minute. The first minute of connection time to the 900 number service is at no charge.

3. Click the **Connect** button on the window. *Do not enter User name and Password .*

The Connection window appears, indicating the status of your connection as your modem dials into the system. This window must remain running during your dial-up session. You may minimize the window, if you wish.

If your modem fails to establish a connection, please see the *Troubleshooting* section below.

4. Once the connection is established, open your Web browser.
5. In your browser's *Location* field, enter the appropriate Universal Resource Locator (URL) as follows:

* For FCC Form 175 Submit, enter ***http://wtbwww34.fcc.gov***

* For FCC Form 175 Review or the FCC Remote Access System, enter
http://wtbwww26.fcc.gov

If nothing appears in your Web browser, please see the *Troubleshooting* section below.

6. When you have finished, exit the Web browser, then click the **Disconnect** button on the Connection window to end your dial-up session.

Troubleshooting

Following are problems you may encounter and possible solutions for resolving or isolating them.

Modem does not respond

1. Confirm that all physical connections for the modem are present.
2. Confirm that the phone line is active by connecting it to a telephone and checking for a dial-tone.
3. If you are dialing the 900 number service, check for a 900 number telephone block. If the volume settings are low, the modem may be dialing but not connecting. Check for this by trying to connect to the 877 number, or by dialing the 900 number on that line using a telephone.
4. Confirm that the correct modem driver is installed for your modem.

Modem dials but does not connect

1. If you are dialing the 900 number service, check for a 900 number telephone block. Check for this by dialing the 877 number to see if you connect, or by dialing the 900 number on that line using a telephone.
2. Confirm that the number the modem is dialing is correct.
3. Confirm that the modem prefix, if any, is correct.

Modem dials and connects, but nothing appears when you enter the Location in the Web browser

1. Verify the Dial-Up Networking settings specified in the *Configuring Dial-Up Networking* section.
2. Confirm that your Web browser is not using proxies.

Receive an Internal Server error in the Web browser

1. Confirm that the *Location* is correct.
2. Confirm that *JavaScript* is enabled in your Web browser.

Help

For technical assistance with installing or using FCC software, contact the FCC Technical Support Hotline at (202) 414-1250 (V) or (202) 414-1255 (TTY). The FCC Technical Support Hotline is generally available Monday through Friday, from 8 a.m. to 6 p.m. ET. *All calls to the FCC Technical Support Hotline are recorded.*

HOW TO MONITOR THE FCC AUCTIONS ON-LINE

The auction announcements and round results for Auction 22 will be accessible through the FCC Wide Area Network, the Internet and the FCC Auction Bulletin Board System (BBS). You can check on round results and also read any material released by the Commission during the course of the auction. This fact sheet provides the information that you need to track the auction from your computer.

Option 1: Tracking the Auction via the FCC Wide Area Network

The FCC has implemented a Remote Access System that allows users to dial in directly to the FCC to view round results, auction announcements, and messages, and to make suggestions to the FCC regarding the FCC auction process.

The following minimum hardware and software is required to use the FCC Remote Access System:

Minimum Hardware Requirements

- o CPU: Intel Pentium
- o RAM: 16 MB (more recommended if you have multiple applications open)
- o Modem: v.32bis 14.4kbps Hayes compatible modem or faster (recommend 28.8kps)
- o Monitor: VGA or above
- o Mouse or other pointing device

Minimum Software Requirements

- o Operating System: Microsoft Windows 95/98
- o Point-to-Point Protocol (PPP) Dialer: Use the Dial-Up Networking feature included with Windows 95/98
- o Web Browser: Netscape Communicator 4.05 with JDK 1.1 or a higher version of Netscape (recommend Netscape Communicator 4.5, which is available at <http://www.netscape.com>)

Connecting to the FCC Network

To use the FCC Remote Access System, you must first connect to the FCC Network using Dial-Up Networking.

Dial-Up Networking connects to a 900 number telephone service at a charge of \$2.30 per minute. The first minute of connection time to the 900 number service is at no charge.

Dial-Up Networking establishes a point-to-point connection from your PC to the FCC Network. *This point-to-point connection is not routed through the Internet.*

For instructions regarding how to connect to the FCC Network using Dial-Up Networking, see the *Accessing the FCC Network Using Windows 95/98* section.

Note: Throughout these instructions, “enter” means to type the appropriate information and then press the ENTER key.

Using the FCC Remote Access System

After you have connected to the FCC Network, start your Netscape Web browser. In your browser’s *Location* field, enter the following location:

http://wtbwww03.fcc.gov and then click **Round Results Viewer, Suggestion Box,**
or **Announcements**

When you have finished, exit your Web browser, then disconnect from the FCC Network.

For technical assistance with installing or using FCC software, contact the FCC Technical Support Hotline at (202) 414-1250 (V) or (202) 414-1255 (TTY). The FCC Technical Support Hotline is generally available Monday through Friday, from 8 a.m. to 6 p.m. ET. *All calls to the FCC Technical Support Hotline are recorded.*

Option 2: Tracking the Auction via the Internet

You may use your Web browser to download announcements and round results from *wtbwww13.fcc.gov* or *www.fcc.gov* as described in the following section.

Downloading from *wtbwww13.fcc.gov*:

1. Connect to your Internet service provider and start your Web browser.
2. In the *Location* field of the Web browser screen, enter the following location:
http://wtbwww13.fcc.gov
3. Click on **Auction 22**.
 - For auction announcements, click on **Announcements**.
 - To download a bid import template file, click on **Announcements**, then select *template.txt*.
 - For auction round results, click on **Results** and then click on the subdirectory for the type of files you wish to use:

mdb - Microsoft Access database files,
txt - text files, and
dbf - dBASE database files.

4. Then click on the file you wish to download.

Downloading from *www.fcc.gov*:

1. Connect to your Internet service provider and start your Web browser.
2. In the *Location* field of the Web browser screen, enter the following location:
http://www.fcc.gov
3. a. Click on **Auctions**.
 - b. In the *Auctions* section on the right, click **Broadband PCS** under *In Progress*.
 - c. Then click on **Announcements, Programs, or Results**.
 - For auction announcements, click on **Announcements**.
 - To download a bid import template file, click on **Announcements**, then select *template.txt*.
 - For auction round results, click on **Results** and then click on the subdirectory for the type of files you wish to use:
 - mdb** - Microsoft Access database files,
 - txt** - text files, and
 - dbf** - dBASE database files.
4. Then click on the file you wish to download.

Archive Directories

The FCC will establish archive directories for round results files on the Internet. After every 50 rounds, files will be moved from the *Results* MDB, TXT, or DBF directories to a respective archive directory. The newest round results files will continue to be uploaded to the *Results* directory.

For example, in round 102, DBF round results files would be located as follows:

On *wtbwww13.fcc.gov*:

Rounds 1-50

http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/dbf/D001_050

Rounds 51-100

http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/dbf/D051_100

Rounds 101-102

http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/dbf/

Rounds 1-50

http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/mdb/M001_050

Rounds 51-100

http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/mdb/M051_100

Rounds 101-102

http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/mdb/

Rounds 1-50

http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/txt/T001_050

Rounds 51-100

http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/txt/T051_100

Rounds 101-102

http://wtbwww13.fcc.gov/PCS/Broadband/BTA/Auction_22/Results/txt/

On www.fcc.gov:

Rounds 1-50

http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/dbf/D001_050

Rounds 51-100

http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/dbf/D051_100

Rounds 101-102

http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/dbf/

Rounds 1-50

http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/mdb/M001_050

Rounds 51-100

http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/mdb/M051_100

Rounds 101-102

http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/mdb/

Rounds 1-50

http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/txt/T001_050

Rounds 51-100

http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/txt/T051_100

Rounds 101-102

http://www.fcc.gov/Auctions/PCS/Broadband/BTA/Auction_22/Results/txt/

Option 3: Tracking the Auction via the Bulletin Board System (BBS)

The FCC Auction Bulletin Board System (BBS) provides dial-in access for Auction Results. To access the FCC Auction BBS, use a communications package that can handle Zmodem protocol (such as PcAnyWhere, Procomm, or Microsoft Hyperterminal in Windows 95/98) to dial in to (202) 682-5851. Use the settings of 8 data bits, no parity and 1 stop bit (8,N,1).

Once your computer is connected to the Auction BBS, do the following:

1. To create an account:
 - a. Enter your first name.
 - b. Enter your last name.
 - c. When asked whether you want to create an account, enter *y*. (You may also enter *Y*, the program accepts either case.)
 - d. When prompted, enter a password.

The password can be from four to ten characters long (where the characters can be either letters or numbers).
 - e. To confirm the password, enter it again.
 - g. When prompted for contact information, enter your voice phone number. Include the area code; for example, you might enter **202-555-1234**.
 - g. Enter your company name.

2. On the Welcome screen, enter *c* for *Continue*.

3. When asked whether you want to view the bulletin menu, enter *y* for *Yes*. Then, to continue, press ENTER to obtain the FCC Auction BBS Main Menu.

4. Enter *a* (for Auction Menu) to obtain the *Auction Library Menu*. The top options on this menu provides a range of numbers to represent the available auctions.

5. To select *Auction 22*, enter *c* to select the third range.

6. On the Auctions Library Menu, enter the number of the auction you want. Enter *I*, in this case.

The Auction Menu appears.

7. Enter *a* to select *Announcements* or enter *r* to select *Results*.

The list of available files for Auction 22 appears. These files are sorted by date, with the most recent files at the beginning of the list.

8. To scroll downward to the next screen of file names, either press ENTER or enter *c* for *Continue*. To scroll upward to the preceding screen of file names, enter *p* for *Previous*.

Note that on each screen, file names are numbered separately, starting with 1.

9. To select one or more files for downloading or viewing, mark the files you want. The program marks a file by preceding its name with an asterisk (*).

You can do the following:

- o To mark an individual file, enter its line number.
 - o To mark a range of files, enter *m* (for *Mark*) and then enter the range of files in response to the prompt. For example, to mark files 6 through 12, enter **6-12** at the prompt.
 - o To unmark a file, enter its number again. You can also use *Mark* to unmark a range of files.
10. When you have finished marking files, you may download or view the marked files (you may only view text files).

To download the marked files, take the following steps:

- a. Enter *d* for *Download*.

The program displays a list that summarizes the download operation. The *Time* column lists the download time for each file; the *Total Time* column lists a running total of the download times.

- b. Enter *d* to proceed.
- c. Select the file transfer protocol that has been specified in your terminal emulation software (e.g., *Zmodem*).
- d. When the download operation has finished, the list of files reappears.

To view the marked files, do the following:

- a. Enter *v* for *View*.
- b. Enter the file number that you would like to view.

11. Enter *x* to leave the BBS.

Note: All round results files will be accessed through the *Results* menu on the BBS. No archive menus will be created.

Announcement Files

The announcement files will use the following naming convention: *aa_xxx.nn* where *aa* is the auction number, *xxx* is the round number and *nn* is the announcement number. For example, 22_002.07 would represent an announcement for Auction 22 that was posted during round two and was the seventh announcement for the auction.

Round Results Files

For each round, dBase-compatible database files will be uploaded with the following naming conventions:

22_xxxS.DBF contains all bids submitted in a particular round

22_xxxW.DBF contains all bids withdrawn in a particular round

22_xxxE.DBF contains the maximum eligibility and remaining number of waivers for each bidder

22_xxxH.DBF contains the high bids in a particular round and the minimum accepted bids for the next round

where *xxx* represents the round number.

For those who cannot use the dBase-compatible database files, we will also upload the ASCII text (.TXT) version of these files with the same filenames as above (e.g., 22_xxxS.TXT, 22_xxxE.TXT).

In addition, if you wish to use Microsoft Access or are using the FCC provided Auction Tracking Tool, we upload the MDB access version of the round results files with the filenames as above as zipped files (e.g., 22_xxxS.ZIP, 22_xxxE.ZIP).

Round Results File Formats

The Round Results File Formats will be published in a future Public Notice.

Help

For technical assistance with downloading files or installing and using FCC software, contact the FCC Technical Support Hotline at (202) 414-1250 (V) or (202) 414-1255 (TTY). The FCC Technical Support Hotline is generally available Monday through Friday, from 8 a.m. to 6 p.m. ET. *All calls to the FCC Technical Support Hotline are recorded.*