



PUBLIC NOTICE

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Federal Communications Commission
1919 M St., N.W.
Washington, D.C. 20554

DA 97-81
January 15, 1997

D, E, and F Block Auction Closes

WINNING BIDDERS IN THE AUCTION OF 1,479 LICENSES TO PROVIDE BROADBAND PCS IN BASIC TRADING AREAS

Down Payments Due Thursday, January 23, 1997
FCC Form 600s Due Thursday, January 30, 1997

Report No. AUC-97-11-I (Auction No. 11)

On January 14, 1997 the Federal Communications Commission completed its auction of 1,479 licenses to provide broadband Personal Communications Services (PCS) on the D, E, and F blocks¹ in the 2 GHz band, raising a net total of \$2,517,439,565 for the U.S. Treasury. Each license authorizes service on 10 MHz of spectrum in one of 493 Basic Trading Areas (BTA) and BTA-like areas, with three licenses awarded in each area.

The DEF auction has provided significant opportunities for small businesses, women, minorities, and rural telephone companies. There were 125 winning bidders. Over 40 percent of the licenses were won by 93 small businesses; 3.4 percent were won by 8 women-owned entities; 4.8 percent were won by 16 minority-owned entities; and 11.3 percent were won by 32 rural telecommunication entities. While eligibility for F block licenses is limited to entrepreneurs, entrepreneurs also won 15 percent of the non-entrepreneur D and E block licenses.

¹ The D block encompasses the 1865-1870 MHz band paired with the 1945-1950 MHz band; the E block encompasses the 1885-1890 MHz band paired with the 1965-1970 MHz band; the F block encompasses the 1890-1895 MHz band paired with the 1970-1975 MHz band.

This public notice provides detailed information concerning winning bidders, down payments, bid withdrawal and default payments, FCC Form 600 filing requirements, requests for waiver, installment payments and licensing matters. Key information appears in the following attachments:

- Attachment A:** Lists the winning bidders, the licenses won by each winning bidder and the net high winning bid amount.
- Attachment B:** Lists the down payments owed by winning bidders, and withdrawn bid payments owed by all bidders.
- Attachment C:** Provides detailed information about how winning bidders should complete their required FCC Form 600 license applications.
- Attachment D:** Provides instructions for downloading free software to file FCC Form 600 electronically.

Bidders should note that this auction involves rules and procedures different in some respects from those used in previous broadband PCS auctions. Bidders should read this entire public notice carefully and familiarize themselves with these rules, orders and other pertinent FCC requirements. *See* Amendment of Parts 20 and 24 of the Commission's Rules – Broadband PCS Competitive Bidding and Commercial Mobile Radio Service Spectrum Caps, WT Docket No. 96-59 and GN Docket No. 90-314, *Report and Order*, 11 FCC Rcd 7824, 61 Fed. Reg. 33,859 (1996) (*Report and Order*).

Down Payments and Withdrawn Bid Payments

The Commission's rules require that within five business days of the date of this public notice (*i.e.*, by **January 23, 1997**), bidders must have on deposit with Mellon Bank in Pittsburgh, Pennsylvania, enough funds to cover all required (1) down payments on winning bids and (2) payments for withdrawn bids. If a bidder's upfront payment is not sufficient to meet both of these requirements, the bidder must deposit additional funds²

The amount now due from each bidder, if any, is set out in the last column of Attachment B. Note that if a bidder's upfront payment covers the required total of down payments and withdrawn bid payments (as reflected in Attachment B), no payment or FCC Form 159 is necessary at this time. The following paragraphs describe the calculations of down payments and withdrawn bid payments, the required method of payment, and related issues.

² In the event that a bidder has withdrawn a bid(s) and is subject to a bid withdrawal payment(s), the bidder's upfront payment will first be applied to satisfy the withdrawal payment(s) before being applied toward its down payment.

Down payments. Each winning bidder's down payment is a percentage of its winning bids, computed and payable as follows (*see* 47 C.F.R. § 24.955):

- For an F block license, the down payment is 20 percent of the net winning bid, of which—
 - the first half (10 percent) is due by January 23, 1997, and
 - the second half (10 percent) is due within five days after release of a public notice announcing that the Commission is ready to award the license.
- For D and E block licenses, the down payment is 20 percent of the winning bid(s), with the entire down payment due by January 23, 1997⁴.

Withdrawn bid payments. To prevent insincere bidding, the Commission adopted bid withdrawal payments for bidders who withdraw bids during the course of an auction. As a general rule the bid withdrawal payment is either (1) the difference between the net withdrawn bid and the subsequent net winning bid, or (2) the difference between the gross withdrawn bid and the subsequent gross winning bid for that license, whichever is less⁵. In those cases where the amount of the withdrawal payment cannot yet be determined because there was no winning bid, the withdrawing bidder is required to make a deposit of up to 20 percent of the amount bid on the license(s); when it becomes possible to calculate and assess the payment, we will refund any excess payment. *See* Implementation of Section 309(j) of the Communications Act – Competitive Bidding, PP Docket No. 93-253, *Fifth Report and Order*, 9 FCC Rcd 5532, 5563 at n.51 (1994); *see also* *C.H. PCS, Inc.*, DA 96-1825 (rel. Nov. 4, 1996) (requiring a three-percent deposit). These cases are indicated in Attachment B with an asterisk in the "Total Withdrawal Pmt Amt" column.

Method of payment. All payments must be made in U.S. dollars, must be in the form of a wire transfer or cashier's check, and must be made payable to the "Federal Communications Commission" or "FCC." No personal checks, credit card payments, or other forms of payment will be accepted. All payments must be accompanied by a completed FCC Remittance Advice Form (FCC Form 159).⁶

³ The net winning bid is the actual winning bid amount less any applicable 15- or 25-percent bidding credit.

⁴ A bidder who has won both F and D/E block licenses will thus determine its total down payment by calculating its F block down payments, then calculating its D/E block down payments, then totalling the two figures.

⁵ *See* 47 C.F.R. § 24.704(a). In some cases involving erroneous bids, the Commission's rules provide for reduced withdrawn bid payments. *See* 47 C.F.R. § 24.704(a)(3).

⁶ A sample FCC Form 159 is contained at page 97 of the Bidder Information Package. In addition, copies of the FCC Form 159 may be obtained by calling the Commission's Forms Distribution Center at 1-800-418-3676 (outside Washington, D.C.) or 202-418-3676 (in the Washington area). Copies of the FCC Form 159 can also be obtained via the Internet and by

Wire transfer payments must be received by Mellon Bank by **6:00 p.m. Eastern Standard Time, Thursday, January 23, 1997**. Bidders making payments by wire transfer should coordinate with their bankers ahead of time, then allow sufficient time for the wire transfer to be initiated and for the transmission to be completed prior to the deadline. To submit funds by wire transfer, bidders will need the following information:

ABA Routing Number: 043000261
Receiving Bank: Mellon Pittsburgh
BNF: FCC/AC-9116106
OBI Field: (Skip one space between each information item)
"AUCTIONPAY"
FCC ACCOUNT NO. (same as FCC Form 159, Block 1)
PAYMENT TYPE CODE (same as FCC Form 159, Block 14A: "AWDD")
FCC CODE 1 (same as FCC Form 159, Block 17A: "11")
PAYOR NAME (same as FCC Form 159, Block 3)
LOCKBOX NO. 358850

Bidders making payments by wire transfer must fax a completed FCC Form 159 to Mellon Bank at 412-236-5702 at least one hour before placing the order for the wire transfer (but on the same business day).

Cashier's checks must be drawn on a financial institution whose deposits are insured by the Federal Deposit Insurance Corporation (FDIC). Payments by cashier's check must be received by Mellon Bank by **11:59 p.m. Eastern Standard Time, Thursday, January 23, 1997**. Cashier's checks and accompanying FCC Form 159s must be addressed to:

Mellon Bank
Attention: Auction No. 11
P.O. Box 358850
Pittsburgh, PA 15251-5850

If delivering an auction payment in person or by courier, the cashier's check and FCC Form 159 must be delivered to:

Mellon Bank
Attention: Wholesale Lockbox Shift Supervisor
27th Floor (153-2713)
3 Mellon Bank Center
525 William Penn Way
Pittsburgh, PA 15259-0001

Fax-On-Demand. If applicants have any questions concerning availability of the FCC Form 159, they should call the FCC Records Management Branch at 202-418-0210.

(Note: Please indicate on the inside envelope "Lockbox No. 358850")

Proper completion of **FCC Form 159** is critical to ensuring correct credit of bidder deposits. Bidders must use the same FCC account number used during the auction. (This number is shown on Attachments A and B.) Additional instructions for making auction payments are contained in pages 95-97 of the Bidder Information Package. However, please note the following recent simplifications:

- Items 14-18 – For bidders who win multiple licenses, the FCC will allocate deposited funds among the licenses and/or withdrawal payments. Therefore **FOR DOWN PAYMENTS ONLY**, bidders should use only the "Item #1 Information" section to list their lump sum payment, and not list each license separately.
- Line 14A Payment Type Code – Enter "A W D D."
- Line 15A Quantity – Enter the numeral "1."
- Line 16A Amount Due – Enter the same amount entered in Line 2.
- Line 17A FCC Code 1 – Enter the number "11" (indicating Auction No. 11).
- Line 18A FCC Code 2 – Leave blank.
- For initial down payments only, do not use "Item #2 Information" or FCC Form 159-C Advice (Continuation Sheet).

Questions concerning the calculation and submission of down payments should be directed to Andy Cox at 202-418-1995.

Bidder default. If a winning bidder fails to submit the required down payment(s) by the January 23, 1997 deadline, the bidder will be deemed to have defaulted, its application will be dismissed, and it will be subject to the default payment specified in Sections 1.2104(g)(2) and 24.704(a)(2) of the Commission's rules. *See* 47 C.F.R. §§ 1.2104(g)(2) and 24.704(a)(2), *BDPCS, Inc.*, FCC 96-498 (rel. Jan. 6, 1997); *see also Public Notice*, "Wireless Telecommunications Bureau Will Strictly Enforce Default Payment Rules," DA 96-481 (rel. April 4, 1996). Specifically, the defaulting bidder will be required to reimburse the Commission the amount of the difference between its net winning bid and the amount of the winning bid the next time the license is offered, if the subsequent winning bid is lower. In addition, defaulting winning bidders will be subject to a default payment of three percent of the subsequent winning bid or three percent of the defaulting bid, whichever is less.

Refund of excess upfront payments. Upfront monies on deposit which are in excess of the required down payment and withdrawal and default payment amounts will be refunded to the payor of record. Refunds will be processed promptly and automatically after the close of the auction. Bidders who prefer refunds to be sent by wire transfer must fax the necessary wire

transfer instructions to Andy Cox at 202-418-2843. Any questions concerning refunds should be referred to Andy Cox at 202-418-1995.

FCC Form 600

By **5:30 p.m. Eastern Standard Time on Thursday, January 30, 1997**, winning bidders must submit a completed long-form license application or applications covering each license on which they were the winning high bidder. Applications may be filed either electronically or manually, though we encourage electronic filing. Attachment C sets out instructions for completing FCC Form 600.

Electronic filing. Detailed instructions for downloading the software necessary to file the Form 600 electronically are set out in Attachment D.

Electronic filers applying for multiple licenses are not required to submit applications for each market if **all** filing requirements associated with the application (the ownership worksheet, all ownership and eligibility attachments, waiver requests and divestiture plans) are identical **except** for the market designator, channel block and market name. Under these circumstances, applicants may submit *one* FCC Form 600 Main Form and Schedule A. On Schedule A, applicants must select the numerically lowest market designator (Item A2 on the Schedule A), the corresponding channel block (Item A3) and market name (Item A5), and file an additional exhibit under the "Attachment" tab labelled "**Exhibit I: Market Designator**" (see Attachment C) for the additional licenses. This exhibit should contain all the additional market designators and channel blocks (other than the market designator and channel block already indicated in Items A2 and A3) that the application covers.

Example: A winning bidder for three licenses (B016, Block D, Anderson, SC; B232, Block D, Knoxville, TN; B243, Block D, La Salle, IL; B232, Block E, Knoxville, TN; and B295, Block F, Middlesboro-Harlan, KY) with identical required filings would insert one lowest market designator in Item A2 (B016), one channel block in Item A3 (D), and one market name in Item A5 (Anderson, SC). In Exhibit I the winning bidder would provide the market number designators with the channel block for the additional licenses using the following format:

B232D,B243D,B232E,B295F

Electronic filers whose ownership, eligibility, waiver and divestiture filings are identical for some licenses but different for others may utilize this streamlined filing procedure only for those licenses that have identical filing information. For those licenses with unique filings, electronic filers must submit a separate application.

Example: If an electronic filer wins eight licenses but must file a divestiture plan for only one of them, the electronic filer must submit two separate applications. One application would cover the seven identical licenses, following the guidelines

above. A second application would cover the license requiring a divestiture plan. Schedule A would list the market designator, channel block and market name for this unique license, and the application would include all of the required filings and the additional divestiture plan.

Electronic filers should file each exhibit to the FCC Form 600 Main Form separately. That is, electronic filers should label each ownership and eligibility exhibit (as described below) and upload it into the "Attachments" tab as a separate ASCII text (.TXT) file.

Manual filing. Manual filers must submit a **separate** FCC Form 600 Main Form, Schedule A and required exhibit information for **each** license on which they are the high bidder.

Manual filers must complete the FCC Form 600 Main Form and Schedule A and attach any exhibits. Manual filers are requested to submit a "clean" (*i.e.*, without lines, markings, footnotes, tables, charts, etc.) original application which does not contain any information in spreadsheet format. Manual filers must mail or deliver the original application to:

FCC
Auction Processing Section
1270 Fairfield Road
Gettysburg, PA 17325

Note: Applications should not be filed with the Office of the Secretary in Washington, D.C.

Copies of the FCC Form 600 can be obtained by calling the Commission's Forms Distribution Center at 1-800-418-3676 (outside Washington, D.C.) or 202-418-3676 (in the Washington area). Copies of the FCC Form 600 can also be obtained via the Internet and by Fax-On-Demand. If applicants have any questions concerning availability of the FCC Form 600, they should call the FCC Records Management Branch at 202-418-0210.

Microfiche copies of manually filed FCC Form 600 are required for all submissions in excess of five pages in accordance with 47 C.F.R. § 24.806(e). However, for this auction the FCC will allow the submission of a 3.5-inch diskette in lieu of the microfiche. These diskettes should contain all attachments and any other supporting documentation in separate ASCII text (.TXT) file formats. When converting word processing files to ASCII text format, formatting is often lost. For example, the conversion frequently results in the deletion of text in footnotes. Manual filers should therefore review each exhibit file to ensure that the information contained in the exhibit is complete.

Failure to sign a manually-filed FCC Form 600 will result in dismissal of the application. Only original signatures will be accepted for manually-filed applications.

Application processing and grant. After the FCC reviews an applicant's FCC Form 600 and any petitions to deny filed against it, it will determine whether there are any reasons why the

license should not be granted. If there are none, it will grant the license, conditioned on timely payments for the license; otherwise, it will take appropriate action. Within five days after license grant:

- Winning bidders for D and E block licenses must pay the 80-percent balance of their winning bids, and
- Winning F block bidders must bring the total amount on deposit with the FCC up to 20 percent of their net winning bids. They will then execute a promissory note for the balance and pay it off in quarterly installments over ten years, as specified below.

Installment payment plans. Upon issuance of their F block licenses, winning bidders for F block licenses may elect to pay the balance of their net winning bids (actual bids less the applicable bidding credits) in quarterly installments over ten years. *See* 47 C.F.R. § 24.716; *see also* 47 C.F.R. § 1.2110(e). The installment plans differ, depending on the licensee's gross revenues in each of the two preceding years, calculated in accordance with 47 C.F.R. §§ 24.709(a)(2), 24.709(b) and 24.720(f).

- For licensees with annual revenues of not more than \$40 million–
 - Interest is based on the rate for ten-year U.S. Treasury obligations at the time the BTA license is issued;
 - Interest-only payments may be made for the first two years after the license is issued; and
 - Payments must amortize principal and interest over the next eight years.

See 47 C.F.R. § 24.716(b)(3).

- For licensees with annual revenues more than \$40 million but not more than \$75 million–
 - Interest is based on the rate for ten-year U.S. Treasury obligations at the time the BTA license is issued, plus 2.50 percent;
 - Interest-only payments may be made for the first year after the license is issued; and
 - Payments must amortize principal and interest over the next nine years.

See 47 C.F.R. § 24.716(b)(2).

- For licensees with annual revenues of more than \$75 million–

- Interest is based on the rate for ten-year U.S. Treasury obligations at the time the BTA license is issued, plus 3.50 percent; and
- Payments must amortize principal and interest over ten years.

See 47 C.F.R. § 24.716(b)(1).

Additionally, any F block licensee that submits a scheduled installment payment more than 15 days late will be charged a late payment fee equal to five percent of the amount of the past due payment. *See* 47 C.F.R. § 24.716(c).

Once the Commission has confirmed that the second down payment has been made, the Treasury Department's Birmingham Financial Center, as the Commission's servicing agent, will prepare a note and security agreement for each license and express mail those loan documents to the contacts listed on FCC Form 600. Licensees will have 30 days from the date of the cover letter in this package to execute and return the note and security agreement as a condition of the license grant. After the Treasury Department has received the loan documents and confirmed their completeness, licensees will receive their license certificates along with instructions on how to make their installment payments.

Other Matters

Anti-collusion rules. To ensure the integrity of its auctions, the Commission's anti-collusion rules generally prohibit bidders for the same BTA from discussing bids or bidding strategies during the course of the auction. The prohibition begins when short-form applications to participate in the auction are filed; it ends when the winning D and E block bidders submit their down payments and the F block winning bidders satisfy the ten-percent initial down payment. (If the upfront payments of all winning bidders in a given BTA are sufficient to cover their required down payments and withdrawn bid payments, as reflected by a negative figure in the last column of Attachment B, we will consider the anti-collusion prohibition to be lifted for that BTA upon release of this public notice.)

Records maintenance. Applicants for F block licenses are reminded that they must maintain at their principal place of business an updated file of the ownership, revenue and asset information used to establish their eligibility as entrepreneurs and as small businesses. Winning bidders must maintain such files for the term of the F block license. Applicants that did not win F block licenses must maintain these files until grant of the F block licenses they applied for, or one year from the filing of their FCC Form 175 application, whichever is earlier. *See* 47 C.F.R. § 24.709(c)(3).

For further information, contact:

News Media: Kara Palamaras at 202-418-0654

Office of the Managing Director (down payment and refund questions): Regina Dorsey,
Andy Cox or Gail Glasser at 202-418-1995

Wireless Telecommunications Bureau, Auctions: John Spencer or Mark Bollinger (legal
questions), or Jerome Fowlkes (installment payment questions), at 202-418-0660

Wireless Telecommunications Bureau, Commercial Wireless (FCC Form 600 questions):
Irene Longin or JoAnn Epps at 202-530-6008, or Shaun Maher, Michael Hamra or
Rhonda Lien at 202-418-0620.

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B321	D	12	50700015	2760	9/10/96	15:19:52	50700015	1	1
B321	E	27	58800000	2702	9/20/96	14:33:04	58800000	1	2
B321	F	11	100320011	2767	9/10/96	09:49:18	75240008	1	3
B184	D	139	2674000	2702	11/25/96	16:02:36	2674000	1	4
B184	E	129	2361000	2702	11/21/96	11:19:40	2361000	1	5
B184	F	155	9328011	2767	12/4/96	11:31:35	6996008	1	6
B007	D	36	1134000	2702	9/30/96	09:03:20	1134000	1	7
B007	E	245	3948000	2764	1/8/97	10:22:22	3948000	1	8
B007	F	171	5079000	2682	12/10/96	09:06:05	3809250	1	9
B318	D	75	1186000	2702	10/28/96	12:12:53	1186000	1	10
B318	E	73	1089000	2702	10/25/96	14:32:47	1089000	1	11
B318	F	84	2446011	2767	10/31/96	12:44:09	1834508	1	12
B438	D	47	264000	2702	10/7/96	14:32:39	264000	1	13
B438	E	20	245000	2702	9/17/96	09:03:13	245000	1	14
B438	F	134	478011	2767	11/22/96	13:59:28	358508	1	15
B010	D	155	2010000	2634	12/4/96	11:19:56	2010000	1	16
B010	E	154	1933000	2702	12/4/96	09:08:02	1933000	1	17
B010	F	110	705011	2767	11/14/96	09:19:08	528758	1	18
B412	D	127	354000	2702	11/20/96	16:05:45	354000	1	19
B412	E	74	347000	2702	10/28/96	09:05:19	347000	1	20
B412	F	129	748500	2600	11/21/96	11:24:20	561375	1	21
B361	D	114	1084000	2702	11/15/96	12:15:00	1084000	1	22
B361	E	109	1021000	2702	11/13/96	15:22:39	1021000	1	23
B361	F	102	1969011	2767	11/8/96	12:48:48	1476758	1	24
B063	D	205	1462000	2686	12/17/96	11:42:45	1462000	1	25
B063	E	136	1421000	2702	11/25/96	09:04:55	1421000	1	26
B063	F	204	3077000	2682	12/17/96	10:17:16	2307750	1	27
B319	D	75	215000	2702	10/28/96	12:12:53	215000	1	28
B319	E	127	287000	2702	11/20/96	16:05:45	287000	1	29
B319	F	84	935011	2767	10/31/96	12:44:09	701258	1	30
B043	D	161	109000	2702	12/5/96	16:05:12	109000	1	31
B043	E	33	75000	2702	9/26/96	14:35:35	75000	1	32
B043	F	115	80011	2767	11/15/96	15:30:14	60008	1	33
B453	D	116	131000	2702	11/18/96	09:04:50	131000	1	34
B453	E	114	96000	2702	11/15/96	12:15:00	96000	1	35
B453	F	117	129000	2776	11/18/96	11:29:23	96750	1	36
B127	D	73	67000	2702	10/25/96	14:32:47	67000	1	37
B127	E	6	32000	2702	9/3/96	13:34:28	32000	1	38
B127	F	205	98000	2686	12/17/96	11:42:45	73500	1	39
B463	D	73	63000	2702	10/25/96	14:32:47	63000	1	40
B463	E	8	30000	2702	9/5/96	13:34:43	30000	1	41
B463	F	115	30000	2770	11/15/96	15:58:47	22500	1	42
B352	D	131	73000	2702	11/21/96	16:02:51	73000	1	43
B352	E	135	85000	2702	11/22/96	16:01:58	85000	1	44
B352	F	133	152007	2600	11/22/96	11:20:46	114005	1	45
B164	D	221	85000	2702	12/19/96	12:50:58	85000	1	46
B164	E	243	257000	2764	1/7/97	16:20:43	257000	1	47
B164	F	247	695550	2600	1/8/97	12:49:04	521662	1	48
B333	D	73	23000	2702	10/25/96	14:32:47	23000	1	49
B333	E	190	55000	2702	12/13/96	12:47:07	55000	1	50
B333	F	193	114000	2745	12/13/96	17:42:37	85500	1	51
B388	D	240	338000	2686	1/7/97	11:34:07	338000	1	52
B388	E	126	255000	2702	11/20/96	13:47:30	255000	1	53
B388	F	239	674000	2682	1/7/97	10:18:45	505500	1	54
B435	D	227	81011	2767	12/20/96	10:24:02	81011	1	55
B435	E	223	80000	2702	12/19/96	16:18:55	80000	1	56
B435	F	226	186000	2632	12/20/96	09:06:20	139500	1	57
B208	D	230	108000	2777	1/6/97	09:09:45	108000	1	58
B208	E	229	119000	2702	12/20/96	12:47:24	119000	1	59

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B208	F	221	176000	2686	12/19/96	12:47:22	132000	1	60
B262	D	24	37510000	2702	9/19/96	09:09:11	37510000	2	1
B262	E	22	31910000	2711	9/18/96	09:53:10	31910000	2	2
B262	F	53	5965000	2713	10/10/96	14:50:55	4473750	2	3
B402	D	171	8635000	2702	12/10/96	09:02:10	8635000	2	4
B402	E	179	8687000	2711	12/12/96	09:05:49	8687000	2	5
B402	F	177	15283000	2615	12/11/96	11:00:01	11462250	2	6
B245	D	107	3049000	2702	11/13/96	09:05:23	3049000	2	7
B245	E	117	4846000	2711	11/18/96	11:21:54	4846000	2	8
B245	F	131	7349000	2609	11/21/96	16:06:44	5511750	2	9
B028	D	268	4302000	2702	1/13/97	09:02:24	4302000	2	10
B028	E	266	3730435	2711	1/10/97	17:34:40	3730435	2	11
B028	F	270	7095000	2627	1/13/97	11:39:41	5321250	2	12
B406	D	271	2210000	2697	1/13/97	12:52:48	2210000	2	13
B406	E	270	2214000	2702	1/13/97	11:33:19	2214000	2	14
B406	F	268	2944961	2713	1/13/97	09:04:59	2208720	2	15
B405	D	271	838000	2697	1/13/97	12:52:48	838000	2	16
B405	E	271	811000	2702	1/13/97	12:52:11	811000	2	17
B405	F	272	1144000	2697	1/13/97	15:08:05	858000	2	18
B124	D	218	88000	2609	12/19/96	09:03:17	88000	2	19
B124	E	170	88000	2702	12/9/96	17:19:05	88000	2	20
B124	F	180	168888	2611	12/12/96	10:20:18	126666	2	21
B078	D	47	59976000	2714	10/7/96	15:17:35	59976000	3	1
B078	E	52	62741000	2714	10/10/96	09:44:56	62741000	3	2
B078	F	31	30753001	2609	9/25/96	14:44:32	23064750	3	3
B155	D	36	1913000	2714	9/30/96	09:20:51	1913000	3	4
B155	E	179	0	9999	8/26/96	10:00:00	0	3	5
B155	F	134	1860015	2760	11/22/96	14:08:25	1395011	3	6
B344	D	143	1370001	2714	11/26/96	16:11:20	1370001	3	7
B344	E	89	1704000	2785	11/4/96	09:10:33	1704000	3	8
B344	F	112	2694015	2760	11/14/96	15:58:37	2020511	3	9
B380	D	188	1569001	2714	12/13/96	10:17:29	1569001	3	10
B380	E	194	1948000	2785	12/13/96	18:46:36	1948000	3	11
B380	F	199	4027011	2767	12/16/96	15:02:43	3020258	3	12
B424	D	36	982000	2714	9/30/96	09:20:51	982000	3	13
B424	E	254	1020100	2702	1/9/97	11:34:38	1020100	3	14
B424	F	102	1757015	2760	11/8/96	12:49:06	1317761	3	15
B426	D	44	550333	2714	10/4/96	09:28:36	550333	3	16
B426	E	45	567000	2785	10/4/96	14:34:42	567000	3	17
B426	F	184	1290000	2743	12/12/96	16:19:54	967500	3	18
B109	D	46	178333	2714	10/7/96	09:31:14	178333	3	19
B109	E	47	205000	2785	10/7/96	14:36:20	205000	3	20
B109	F	115	100000	2743	11/15/96	15:28:09	75000	3	21
B126	D	74	702000	2714	10/28/96	09:33:40	702000	3	22
B126	E	98	552015	2760	11/7/96	09:33:36	552015	3	23
B126	F	104	405650	2600	11/12/96	09:08:48	304237	3	24
B071	D	17	205000	2714	9/13/96	14:44:14	205000	3	25
B071	E	196	305000	2785	12/16/96	10:19:07	305000	3	26
B071	F	189	607000	2743	12/13/96	11:35:09	455250	3	27
B046	D	17	183000	2714	9/13/96	14:44:14	183000	3	28
B046	E	196	274000	2785	12/16/96	10:19:07	274000	3	29
B046	F	189	890000	2743	12/13/96	11:35:09	667500	3	30
B039	D	40	329000	2714	10/2/96	09:52:11	329000	3	31
B039	E	234	260000	2702	1/6/97	15:02:56	260000	3	32
B039	F	125	213015	2760	11/20/96	11:39:27	159761	3	33
B243	D	17	140000	2714	9/13/96	14:44:14	140000	3	34
B243	E	17	124000	2714	9/13/96	14:44:14	124000	3	35
B243	F	133	77000	2743	11/22/96	11:22:48	57750	3	36
B225	D	17	114000	2714	9/13/96	14:44:14	114000	3	37

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B225	E	17	101000	2714	9/13/96	14:44:14	101000	3	38
B225	F	169	117000	2609	12/9/96	15:24:07	87750	3	39
B103	D	17	105000	2714	9/13/96	14:44:14	105000	3	40
B103	E	17	91000	2714	9/13/96	14:44:14	91000	3	41
B103	F	156	13515	2760	12/4/96	14:09:01	10136	3	42
B294	D	68	200333	2714	10/23/96	09:39:44	200333	3	43
B294	E	234	191000	2702	1/6/97	15:02:56	191000	3	44
B294	F	155	213753	2600	12/4/96	11:25:17	160314	3	45
B161	D	157	49333	2714	12/4/96	16:14:08	49333	3	46
B161	E	183	63015	2760	12/12/96	15:13:40	63015	3	47
B161	F	182	88011	2778	12/12/96	12:50:33	66008	3	48
B213	D	17	58000	2714	9/13/96	14:44:14	58000	3	49
B213	E	201	57001	2717	12/16/96	17:37:36	57001	3	50
B213	F	188	109000	2743	12/13/96	10:18:41	81750	3	51
B286	D	52	145000	2714	10/10/96	09:44:56	145000	3	52
B286	E	168	77000	2738	12/9/96	12:54:56	77000	3	53
B286	F	125	73000	2743	11/20/96	11:20:25	54750	3	54
B404	D	77	13655000	2702	10/29/96	09:04:17	13655000	4	1
B404	E	137	10737005	2717	11/25/96	11:20:13	10737005	4	2
B404	F	70	5779000	2609	10/24/96	09:26:59	4334250	4	3
B389	D	36	5361000	2702	9/30/96	09:03:20	5361000	4	4
B389	E	72	5642000	2749	10/25/96	09:40:45	5642000	4	5
B389	F	166	9583000	2609	12/9/96	09:04:05	7187250	4	6
B157	D	68	1011000	2702	10/23/96	09:14:07	1011000	4	7
B157	E	125	1172000	2702	11/20/96	11:19:40	1172000	4	8
B157	F	268	3204333	2671	1/13/97	09:05:55	2723683	4	9
B434	D	155	1859000	2702	12/4/96	11:18:40	1859000	4	10
B434	E	172	2446000	2749	12/10/96	10:59:11	2446000	4	11
B434	F	178	5481333	2671	12/11/96	12:54:56	4659133	4	12
B372	D	120	835000	2702	11/19/96	09:05:19	835000	4	13
B372	E	132	1704000	2711	11/22/96	09:08:29	1704000	4	14
B372	F	130	2383000	2713	11/21/96	14:06:40	1787250	4	15
B303	D	219	759000	2702	12/19/96	10:17:26	759000	4	16
B303	E	217	755000	2749	12/18/96	18:49:18	755000	4	17
B303	F	225	1211333	2671	12/19/96	18:51:09	1029633	4	18
B458	D	172	664000	2702	12/10/96	11:01:12	664000	4	19
B458	E	275	608000	2697	1/13/97	18:56:37	608000	4	20
B458	F	149	835333	2671	12/2/96	16:04:31	710033	4	21
B397	D	269	1348000	2697	1/13/97	10:21:34	1348000	4	22
B397	E	270	1317000	2702	1/13/97	11:33:19	1317000	4	23
B397	F	272	2009000	2627	1/13/97	15:06:34	1506750	4	24
B371	D	35	102000	2702	9/27/96	14:33:15	102000	4	25
B371	E	272	151000	2751	1/13/97	15:04:01	151000	4	26
B371	F	135	128000	2687	11/22/96	16:05:01	96000	4	27
B079	D	55	106000	2702	10/11/96	14:38:33	106000	4	28
B079	E	247	178000	2702	1/8/97	12:59:41	178000	4	29
B079	F	165	215000	2687	12/6/96	16:09:58	161250	4	30
B291	D	125	283000	2702	11/20/96	11:19:40	283000	4	31
B291	E	151	337000	2702	12/3/96	11:17:23	337000	4	32
B291	F	141	421333	2671	11/26/96	11:19:40	358133	4	33
B134	D	129	42000	2751	11/21/96	11:26:38	42000	4	34
B134	E	78	33000	2702	10/29/96	12:14:07	33000	4	35
B134	F	76	30111	2719	10/28/96	15:43:07	22583	4	36
B485	D	108	61000	2702	11/13/96	12:14:22	61000	4	37
B485	E	168	139000	2749	12/9/96	12:59:18	139000	4	38
B485	F	183	73088	2611	12/12/96	15:05:27	54816	4	39
B112	D	131	3815000	2609	11/21/96	16:06:44	3815000	5	1
B112	E	130	3856078	2760	11/21/96	14:08:24	3856078	5	2
B112	F	135	8500084	2760	11/22/96	16:23:26	6375063	5	3

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B169	D	30	925000	2791	9/25/96	09:24:56	925000	5	4
B169	E	139	860015	2760	11/25/96	16:24:13	860015	5	5
B169	F	134	1130015	2760	11/22/96	14:08:25	847511	5	6
B444	D	124	370428	2760	11/20/96	09:23:38	370428	5	7
B444	E	151	476011	2767	12/3/96	11:39:30	476011	5	8
B444	F	170	1515002	2760	12/9/96	17:29:15	1136251	5	9
B390	D	146	439000	2791	12/2/96	09:09:36	439000	5	10
B390	E	83	250015	2760	10/31/96	09:38:14	250015	5	11
B390	F	149	496000	2627	12/2/96	16:12:38	372000	5	12
B145	D	95	305000	2791	11/6/96	09:09:59	305000	5	13
B145	E	115	202015	2760	11/15/96	15:58:16	202015	5	14
B145	F	148	504015	2760	12/2/96	14:09:08	378011	5	15
B241	D	92	348000	2791	11/5/96	09:13:56	348000	5	16
B241	E	115	152015	2760	11/15/96	15:58:16	152015	5	17
B241	F	172	594015	2760	12/10/96	11:09:12	445511	5	18
B223	D	186	1481100	2791	12/12/96	18:51:38	1481100	5	19
B223	E	175	1411307	2757	12/10/96	17:16:54	1411307	5	20
B223	F	174	1829011	2767	12/10/96	15:24:53	1371758	5	21
B255	D	147	143015	2760	12/2/96	11:38:58	143015	5	22
B255	E	134	103015	2760	11/22/96	14:08:25	103015	5	23
B255	F	149	194096	2620	12/2/96	16:07:38	145572	5	24
B033	D	167	232000	2791	12/9/96	11:04:32	232000	5	25
B033	E	171	253307	2757	12/10/96	09:07:24	253307	5	26
B033	F	168	338015	2760	12/9/96	13:03:36	253511	5	27
B310	D	102	65000	2791	11/8/96	12:24:34	65000	5	28
B310	E	92	44015	2760	11/5/96	09:38:37	44015	5	29
B310	F	182	84000	2715	12/12/96	12:48:49	63000	5	30
B446	D	223	473100	2791	12/19/96	16:19:47	473100	5	31
B446	E	273	358000	2627	1/13/97	16:21:32	358000	5	32
B446	F	216	298000	2715	12/18/96	16:19:01	223500	5	33
B209	D	46	60000	2791	10/7/96	09:24:06	60000	5	34
B209	E	247	96015	2760	1/8/97	12:57:17	96015	5	35
B209	F	118	39000	2760	11/18/96	14:09:23	29250	5	36
B143	D	142	33015	2760	11/26/96	14:07:29	33015	5	37
B143	E	134	32015	2760	11/22/96	14:08:25	32015	5	38
B143	F	110	30011	2767	11/14/96	09:19:08	22508	5	39
B307	D	21	85000	2791	9/17/96	14:48:18	85000	5	40
B307	E	160	72115	2760	12/5/96	14:08:58	72115	5	41
B307	F	217	102000	2715	12/18/96	18:49:36	76500	5	42
B005	D	96	28000	2791	11/6/96	12:19:21	28000	5	43
B005	E	91	36015	2760	11/4/96	15:58:37	36015	5	44
B005	F	167	20015	2760	12/9/96	11:08:55	15011	5	45
B345	D	161	63000	2764	12/5/96	16:14:45	63000	5	46
B345	E	175	63000	2715	12/10/96	17:18:34	63000	5	47
B345	F	240	89000	2627	1/7/97	11:37:57	66750	5	48
B011	D	111	13000	2702	11/14/96	12:12:33	13000	5	49
B011	E	180	13000	2715	12/12/96	10:20:41	13000	5	50
B011	F	52	31000	2627	10/10/96	09:47:04	23250	5	51
B409	D	76	22001	2639	10/28/96	15:45:51	22001	5	52
B409	E	76	27001	2639	10/28/96	15:45:51	27001	5	53
B409	F	105	35000	2627	11/12/96	12:29:20	26250	5	54
B074	D	94	5729000	2714	11/5/96	15:47:39	5729000	6	1
B074	E	95	5514095	2737	11/6/96	09:34:42	5514095	6	2
B074	F	156	10116000	2636	12/4/96	13:51:55	7587000	6	3
B174	D	185	6828001	2714	12/12/96	17:34:32	6828001	6	4
B174	E	187	6827187	2737	12/13/96	09:13:07	6827187	6	5
B174	F	188	9211111	2636	12/13/96	10:20:29	6908333	6	6
B368	D	94	2887000	2714	11/5/96	15:47:39	2887000	6	7
B368	E	95	2913095	2737	11/6/96	09:34:42	2913095	6	8

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B368	F	165	4027000	2694	12/6/96	16:05:58	3020250	6	9
B177	D	96	3708000	2714	11/6/96	12:30:24	3708000	6	10
B177	E	97	4003097	2737	11/6/96	15:45:30	4003097	6	11
B177	F	162	2433000	2609	12/6/96	09:09:25	1824750	6	12
B072	D	96	3374000	2714	11/6/96	12:30:24	3374000	6	13
B072	E	97	3573097	2737	11/6/96	15:45:30	3573097	6	14
B072	F	192	822000	2669	12/13/96	16:24:28	616500	6	15
B141	D	17	1048000	2714	9/13/96	14:44:14	1048000	6	16
B141	E	93	1137093	2737	11/5/96	12:21:08	1137093	6	17
B141	F	197	513011	2767	12/16/96	11:36:48	384758	6	18
B091	D	24	2842000	2714	9/19/96	09:14:01	2842000	6	19
B091	E	93	3054093	2737	11/5/96	12:21:08	3054093	6	20
B091	F	162	1980000	2609	12/6/96	09:09:25	1485000	6	21
B020	D	18	971000	2714	9/16/96	09:21:13	971000	6	22
B020	E	19	930000	2737	9/16/96	14:41:59	930000	6	23
B020	F	137	747000	2669	11/25/96	11:21:00	560250	6	24
B016	D	38	1295000	2714	10/1/96	09:08:16	1295000	6	25
B016	E	39	1362039	2737	10/1/96	15:27:01	1362039	6	26
B016	F	107	342001	2741	11/13/96	09:05:38	290700	6	27
B189	D	18	383000	2714	9/16/96	09:21:13	383000	6	28
B189	E	19	391000	2737	9/16/96	14:41:59	391000	6	29
B189	F	167	145000	2636	12/9/96	10:59:21	108750	6	30
B478	D	18	353000	2714	9/16/96	09:21:13	353000	6	31
B478	E	19	361000	2737	9/16/96	14:41:59	361000	6	32
B478	F	174	250000	2694	12/10/96	15:26:07	187500	6	33
B147	D	38	991000	2714	10/1/96	09:08:16	991000	6	34
B147	E	39	1000039	2737	10/1/96	15:27:01	1000039	6	35
B147	F	171	216000	2669	12/10/96	09:09:30	162000	6	36
B176	D	18	269000	2714	9/16/96	09:21:13	269000	6	37
B176	E	19	251000	2737	9/16/96	14:41:59	251000	6	38
B176	F	175	88000	2668	12/10/96	17:27:28	74800	6	39
B165	D	18	197000	2714	9/16/96	09:21:13	197000	6	40
B165	E	19	200000	2737	9/16/96	14:41:59	200000	6	41
B165	F	247	66000	2760	1/8/97	12:57:17	49500	6	42
B382	D	18	181000	2714	9/16/96	09:21:13	181000	6	43
B382	E	19	166000	2737	9/16/96	14:41:59	166000	6	44
B382	F	149	140011	2668	12/2/96	16:08:52	119009	6	45
B316	D	38	158000	2714	10/1/96	09:08:16	158000	6	46
B316	E	39	141039	2737	10/1/96	15:27:01	141039	6	47
B316	F	172	33000	2694	12/10/96	11:00:29	24750	6	48
B214	D	18	136000	2714	9/16/96	09:21:13	136000	6	49
B214	E	185	171185	2737	12/12/96	17:33:13	171185	6	50
B214	F	175	30111	2694	12/10/96	17:18:02	22583	6	51
B436	D	20	374000	2714	9/17/96	09:47:42	374000	6	52
B436	E	24	389024	2737	9/19/96	09:38:36	389024	6	53
B436	F	171	135000	2669	12/10/96	09:09:30	101250	6	54
B312	D	38	498000	2714	10/1/96	09:08:16	498000	6	55
B312	E	39	486039	2737	10/1/96	15:27:01	486039	6	56
B312	F	163	875000	2669	12/6/96	11:23:19	656250	6	57
B335	D	19	198000	2714	9/16/96	14:53:51	198000	6	58
B335	E	20	208000	2737	9/17/96	09:45:01	208000	6	59
B335	F	170	133000	2669	12/9/96	17:26:58	99750	6	60
B062	D	16	66000	2714	9/13/96	09:41:00	66000	6	61
B062	E	17	67747	2737	9/13/96	14:44:49	67747	6	62
B062	F	130	110000	2668	11/21/96	13:58:03	93500	6	63
B377	D	191	106001	2714	12/13/96	15:06:45	106001	6	64
B377	E	193	117193	2737	12/13/96	17:35:56	117193	6	65
B377	F	194	202000	2668	12/13/96	18:47:57	171700	6	66
B178	D	20	156000	2714	9/17/96	09:47:42	156000	6	67

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B178	E	21	157021	2737	9/17/96	14:52:19	157021	6	68
B178	F	189	103000	2636	12/13/96	11:33:13	77250	6	69
B101	D	126	25895000	2702	11/20/96	13:47:30	25895000	7	1
B101	E	61	27060000	2702	10/17/96	14:33:18	27060000	7	2
B101	F	127	21340000	2609	11/20/96	16:06:48	16005000	7	3
B027	D	55	2114001	2717	10/11/96	15:07:16	2114001	7	4
B027	E	52	2536000	2702	10/10/96	09:02:53	2536000	7	5
B027	F	129	2319319	2705	11/21/96	11:36:43	1739489	7	6
B419	D	58	2019000	2699	10/16/96	09:05:17	2019000	7	7
B419	E	60	2265000	2702	10/17/96	09:03:23	2265000	7	8
B419	F	241	2750007	2734	1/7/97	12:48:38	2750007	7	9
B264	D	250	2167000	2704	1/8/97	17:36:37	2167000	7	10
B264	E	144	2443000	2751	11/27/96	09:07:40	2443000	7	11
B264	F	127	2326013	2690	11/20/96	16:12:50	1744509	7	12
B013	D	83	1308083	2717	10/31/96	09:08:16	1308083	7	13
B013	E	73	1464000	2751	10/25/96	14:38:00	1464000	7	14
B013	F	151	2484005	2704	12/3/96	11:20:56	1863003	7	15
B304	D	34	1283000	2699	9/27/96	09:15:11	1283000	7	16
B304	E	34	1539000	2699	9/27/96	09:15:11	1539000	7	17
B304	F	136	517007	2734	11/25/96	09:18:12	517007	7	18
B260	D	60	582103	2727	10/17/96	09:07:05	582103	7	19
B260	E	58	517000	2702	10/16/96	09:02:54	517000	7	20
B260	F	212	448007	2734	12/18/96	10:21:26	448007	7	21
B441	D	97	496097	2727	11/6/96	15:25:48	496097	7	22
B441	E	96	386000	2702	11/6/96	12:13:43	386000	7	23
B441	F	159	273001	2716	12/5/96	11:20:35	204750	7	24
B459	D	120	660066	2727	11/19/96	09:14:45	660066	7	25
B459	E	118	529000	2702	11/18/96	13:50:08	529000	7	26
B459	F	112	283015	2760	11/14/96	15:58:37	212261	7	27
B452	D	60	529103	2727	10/17/96	09:07:05	529103	7	28
B452	E	58	436000	2702	10/16/96	09:02:54	436000	7	29
B452	F	194	662000	2609	12/13/96	18:50:24	496500	7	30
B443	D	188	159188	2737	12/13/96	10:25:08	159188	7	31
B443	E	186	156000	2702	12/12/96	18:47:52	156000	7	32
B443	F	245	214007	2734	1/8/97	10:20:19	214007	7	33
B003	D	135	536001	2717	11/22/96	16:06:26	536001	7	34
B003	E	45	450000	2751	10/4/96	14:44:38	450000	7	35
B003	F	130	178127	2690	11/21/96	13:54:09	133595	7	36
B327	D	1	373485	2717	8/26/96	12:33:01	373485	7	37
B327	E	114	458001	2717	11/15/96	12:38:38	458001	7	38
B327	F	112	255000	2690	11/14/96	15:32:48	191250	7	39
B473	D	105	397000	2751	11/12/96	12:24:05	397000	7	40
B473	E	101	376000	2702	11/8/96	09:04:41	376000	7	41
B473	F	99	148789	2705	11/7/96	12:21:58	111591	7	42
B400	D	1	272729	2717	8/26/96	12:33:01	272729	7	43
B400	E	45	275000	2702	10/4/96	14:32:18	275000	7	44
B400	F	165	503456	2690	12/6/96	16:10:53	377592	7	45
B418	D	102	155102	2737	11/8/96	12:17:54	155102	7	46
B418	E	126	135000	2702	11/20/96	13:47:30	135000	7	47
B418	F	16	91001	2692	9/13/96	09:28:53	68250	7	48
B296	D	114	237001	2717	11/15/96	12:38:38	237001	7	49
B296	E	112	219001	2717	11/14/96	15:28:27	219001	7	50
B296	F	137	540000	2690	11/25/96	11:22:12	405000	7	51
B341	D	201	76001	2717	12/16/96	17:37:36	76001	7	52
B341	E	199	82000	2702	12/16/96	15:02:12	82000	7	53
B341	F	170	93007	2734	12/9/96	17:21:06	93007	7	54
B087	D	174	108000	2751	12/10/96	15:25:24	108000	7	55
B087	E	173	121001	2717	12/10/96	12:57:32	121001	7	56
B087	F	176	150123	2690	12/11/96	09:04:48	112592	7	57

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B057	D	189	194001	2717	12/13/96	11:33:50	194001	7	58
B057	E	187	192000	2702	12/13/96	09:02:08	192000	7	59
B057	F	186	281281	2705	12/12/96	18:55:15	210960	7	60
B191	D	1	69706	2717	8/26/96	12:33:01	69706	7	61
B191	E	153	73000	2690	12/3/96	16:05:09	73000	7	62
B191	F	138	101101	2705	11/25/96	13:57:55	75825	7	63
B040	D	167	59001	2717	12/9/96	11:00:18	59001	7	64
B040	E	170	62000	2702	12/9/96	17:19:05	62000	7	65
B040	F	143	76121	2690	11/26/96	16:05:54	57090	7	66
B051	D	54	6515015	2760	10/11/96	09:56:54	6515015	8	1
B051	E	54	7515015	2760	10/11/96	09:56:54	7515015	8	2
B051	F	70	8909011	2767	10/24/96	09:33:51	6681758	8	3
B364	D	117	3801000	2764	11/18/96	11:21:10	3801000	8	4
B364	E	191	3574011	2767	12/13/96	15:10:35	3574011	8	5
B364	F	60	1753015	2760	10/17/96	09:54:29	1314761	8	6
B480	D	56	504015	2760	10/15/96	09:44:28	504015	8	7
B480	E	41	477000	2764	10/2/96	14:50:02	477000	8	8
B480	F	61	712011	2767	10/17/96	15:10:33	534008	8	9
B427	D	107	328000	2764	11/13/96	09:17:14	328000	8	10
B427	E	133	411000	2609	11/22/96	11:19:36	411000	8	11
B427	F	124	1204011	2767	11/20/96	09:23:48	903008	8	12
B274	D	62	715015	2760	10/18/96	09:53:41	715015	8	13
B274	E	64	770000	2764	10/21/96	09:07:19	770000	8	14
B274	F	61	1746000	2735	10/17/96	14:40:09	1484100	8	15
B357	D	130	208015	2760	11/21/96	14:08:24	208015	8	16
B357	E	151	222011	2767	12/3/96	11:39:30	222011	8	17
B357	F	132	806000	2735	11/22/96	09:05:50	685100	8	18
B030	D	109	141000	2618	11/13/96	15:29:30	141000	8	19
B030	E	105	135015	2760	11/12/96	12:47:21	135015	8	20
B030	F	135	181011	2767	11/22/96	16:24:56	135758	8	21
B251	D	87	90005	2618	11/1/96	12:25:03	90005	8	22
B251	E	37	70249	2760	9/30/96	15:21:09	70249	8	23
B251	F	86	214011	2767	11/1/96	09:26:40	160508	8	24
B201	D	86	204015	2760	11/1/96	09:38:28	204015	8	25
B201	E	241	279011	2767	1/7/97	12:51:20	279011	8	26
B201	F	270	1068000	2627	1/13/97	11:39:41	801000	8	27
B249	D	136	189000	2682	11/25/96	09:12:49	189000	8	28
B249	E	223	208249	2754	12/19/96	16:25:44	208249	8	29
B249	F	222	394000	2686	12/19/96	15:07:40	295500	8	30
B465	D	107	28000	2764	11/13/96	09:17:14	28000	8	31
B465	E	1	2007	2760	8/26/96	13:39:25	2007	8	32
B465	F	176	18011	2767	12/11/96	09:14:22	13508	8	33
B351	D	171	52000	2609	12/10/96	09:06:31	52000	8	34
B351	E	242	70000	2764	1/7/97	15:10:40	70000	8	35
B351	F	147	115011	2767	12/2/96	11:36:46	86258	8	36
B227	D	116	217000	2760	11/18/96	09:24:08	217000	8	37
B227	E	95	195015	2760	11/6/96	09:39:26	195015	8	38
B227	F	115	364000	2686	11/15/96	15:47:57	273000	8	39
B363	D	179	26515	2760	12/12/96	09:11:59	26515	8	40
B363	E	92	18015	2760	11/5/96	09:38:37	18015	8	41
B363	F	91	18015	2760	11/4/96	15:58:37	13511	8	42
B346	D	177	12169000	2634	12/11/96	11:00:35	12169000	9	1
B346	E	137	12761000	2711	11/25/96	11:28:49	12761000	9	2
B346	F	101	29407001	2609	11/8/96	09:10:10	22055250	9	3
B181	D	63	960000	2712	10/18/96	14:34:21	960000	9	4
B181	E	64	981181	2634	10/21/96	09:08:34	981181	9	5
B181	F	162	1473000	2609	12/6/96	09:09:25	1104750	9	6
B240	D	161	437000	2634	12/5/96	16:02:57	437000	9	7
B240	E	165	436015	2760	12/6/96	16:24:21	436015	9	8

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B240	F	171	514000	2609	12/10/96	09:06:31	385500	9	9
B483	D	165	525000	2634	12/6/96	16:05:55	525000	9	10
B483	E	166	576000	2712	12/9/96	09:07:32	576000	9	11
B483	F	62	563000	2609	10/18/96	09:18:58	422250	9	12
B370	D	128	277000	2677	11/21/96	09:10:11	277000	9	13
B370	E	163	286000	2634	12/6/96	11:18:33	286000	9	14
B370	F	162	745000	2609	12/6/96	09:09:25	558750	9	15
B025	D	264	967000	2711	1/10/97	15:06:13	967000	9	16
B025	E	162	641000	2634	12/6/96	09:03:32	641000	9	17
B025	F	144	1473000	2609	11/27/96	09:17:00	1104750	9	18
B116	D	118	129000	2702	11/18/96	13:50:08	129000	9	19
B116	E	152	145116	2634	12/3/96	13:50:49	145116	9	20
B116	F	167	209001	2609	12/9/96	10:59:50	156750	9	21
B437	D	101	59000	2632	11/8/96	09:25:25	59000	9	22
B437	E	2	51000	2634	8/27/96	13:58:19	51000	9	23
B437	F	13	205000	2677	9/11/96	14:46:30	174250	9	24
B475	D	109	66000	2677	11/13/96	15:45:36	66000	9	25
B475	E	160	83000	2634	12/5/96	13:49:54	83000	9	26
B475	F	252	115000	2767	1/9/97	09:04:21	86250	9	27
B360	D	75	92000	2677	10/28/96	12:18:46	92000	9	28
B360	E	163	82000	2634	12/6/96	11:18:33	82000	9	29
B360	F	14	204000	2632	9/12/96	09:08:10	153000	9	30
B429	D	138	74429	2634	11/25/96	13:49:13	74429	9	31
B429	E	192	87000	2756	12/13/96	16:22:06	87000	9	32
B429	F	193	157000	2686	12/13/96	17:34:43	117750	9	33
B461	D	88	6820000	2711	11/1/96	15:29:09	6820000	10	1
B461	E	91	6071015	2760	11/4/96	15:58:37	6071015	10	2
B461	F	47	11780000	2713	10/7/96	14:47:50	8835000	10	3
B029	D	177	5917000	2711	12/11/96	11:00:51	5917000	10	4
B029	E	175	4994000	2711	12/10/96	17:19:52	4994000	10	5
B029	F	137	3630084	2760	11/25/96	11:39:02	2722563	10	6
B179	D	138	1140015	2760	11/25/96	14:09:17	1140015	10	7
B179	E	67	1261000	2731	10/22/96	14:42:38	1261000	10	8
B179	F	65	1750000	2731	10/21/96	15:05:10	1487500	10	9
B075	D	222	388000	2686	12/19/96	15:07:40	388000	10	10
B075	E	88	306015	2760	11/1/96	15:56:54	306015	10	11
B075	F	169	779000	2669	12/9/96	15:27:24	584250	10	12
B398	D	112	50015	2760	11/14/96	15:58:37	50015	10	13
B398	E	11	35015	2760	9/10/96	09:50:54	35015	10	14
B398	F	171	68000	2609	12/10/96	09:06:31	51000	10	15
B100	D	178	64000	2731	12/11/96	12:57:26	64000	10	16
B100	E	177	81015	2760	12/11/96	11:07:58	81015	10	17
B100	F	142	111111	2719	11/26/96	13:59:54	83333	10	18
B479	D	186	349000	2773	12/12/96	18:59:39	349000	10	19
B479	E	188	384000	2773	12/13/96	10:17:28	384000	10	20
B479	F	205	542000	2686	12/17/96	11:42:45	406500	10	21
B183	D	232	650000	2732	1/6/97	11:33:34	650000	10	22
B183	E	236	601000	2732	1/6/97	17:36:05	601000	10	23
B183	F	223	844000	2669	12/19/96	16:24:17	633000	10	24
B156	D	110	113015	2760	11/14/96	09:38:05	113015	10	25
B156	E	109	110000	2731	11/13/96	15:39:36	110000	10	26
B156	F	174	197000	2669	12/10/96	15:27:38	147750	10	27
B024	D	78	36075000	2714	10/29/96	12:32:56	36075000	11	1
B024	E	79	34030079	2737	10/29/96	15:31:11	34030079	11	2
B024	F	138	33681001	2609	11/25/96	13:56:11	25260750	11	3
B410	D	44	13622000	2714	10/4/96	09:28:36	13622000	11	4
B410	E	39	11552000	2699	10/1/96	14:36:32	11552000	11	5
B410	F	99	3509015	2760	11/7/96	12:49:40	2631761	11	6
B271	D	38	5126000	2714	10/1/96	09:08:16	5126000	11	7

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B271	E	76	6445076	2737	10/28/96	15:43:20	6445076	11	8
B271	F	95	1269000	2760	11/6/96	09:39:26	951750	11	9
B026	D	75	12770000	2699	10/28/96	12:14:22	12770000	11	10
B026	E	76	14786366	2714	10/28/96	15:53:29	14786366	11	11
B026	F	99	2100015	2760	11/7/96	12:49:40	1575011	11	12
B076	D	96	967000	2714	11/6/96	12:30:24	967000	11	13
B076	E	97	989097	2737	11/6/96	15:45:30	989097	11	14
B076	F	194	515000	2644	12/13/96	18:56:02	437750	11	15
B092	D	75	16635000	2699	10/28/96	12:14:22	16635000	11	16
B092	E	106	17470366	2714	11/12/96	15:57:31	17470366	11	17
B092	F	88	3712111	2741	11/1/96	15:28:15	3155294	11	18
B006	D	54	6122000	2714	10/11/96	09:10:48	6122000	11	19
B006	E	52	4772000	2699	10/10/96	09:06:06	4772000	11	20
B006	F	97	1460000	2760	11/6/96	15:59:08	1095000	11	21
B160	D	17	177000	2714	9/13/96	14:44:14	177000	11	22
B160	E	18	197000	2737	9/16/96	09:36:27	197000	11	23
B160	F	115	148122	2753	11/15/96	15:30:50	148122	11	24
B022	D	65	485000	2714	10/21/96	15:06:25	485000	11	25
B022	E	61	481061	2737	10/17/96	14:45:30	481061	11	26
B022	F	57	508110	2753	10/15/96	14:36:34	508110	11	27
B334	D	67	5200366	2714	10/22/96	15:22:30	5200366	11	28
B334	E	75	5720000	2699	10/28/96	12:14:22	5720000	11	29
B334	F	78	1260500	2787	10/29/96	12:17:34	945375	11	30
B384	D	38	297000	2714	10/1/96	09:08:16	297000	11	31
B384	E	39	235039	2737	10/1/96	15:27:01	235039	11	32
B384	F	163	109001	2790	12/6/96	11:27:51	92650	11	33
B102	D	96	239000	2714	11/6/96	12:30:24	239000	11	34
B102	E	97	252097	2737	11/6/96	15:45:30	252097	11	35
B102	F	157	80001	2790	12/4/96	16:05:38	68000	11	36
B085	D	96	125000	2714	11/6/96	12:30:24	125000	11	37
B085	E	97	134097	2737	11/6/96	15:45:30	134097	11	38
B085	F	125	45003	2790	11/20/96	11:31:34	38252	11	39
B237	D	75	2266000	2699	10/28/96	12:14:22	2266000	11	40
B237	E	67	2060366	2714	10/22/96	15:22:30	2060366	11	41
B237	F	88	634000	2787	11/1/96	15:33:43	475500	11	42
B298	D	74	7200000	2718	10/28/96	09:12:46	7200000	12	1
B298	E	72	6646000	2702	10/25/96	09:07:58	6646000	12	2
B298	F	145	1999011	2767	11/27/96	11:26:47	1499258	12	3
B119	D	65	271000	2702	10/21/96	14:33:49	271000	12	4
B119	E	80	565001	2639	10/30/96	09:30:01	565001	12	5
B119	F	88	713000	2689	11/1/96	15:25:22	534750	12	6
B138	D	77	551000	2766	10/29/96	09:17:31	551000	12	7
B138	E	53	556000	2717	10/10/96	15:17:44	556000	12	8
B138	F	188	462000	2679	12/13/96	10:24:45	392700	12	9
B277	D	94	1357000	2702	11/5/96	15:23:25	1357000	12	10
B277	E	100	1738000	2785	11/7/96	15:23:34	1738000	12	11
B277	F	68	1172000	2689	10/23/96	09:11:20	879000	12	12
B391	D	101	837000	2702	11/8/96	09:04:41	837000	12	13
B391	E	97	836000	2718	11/6/96	15:33:21	836000	12	14
B391	F	104	1823000	2662	11/12/96	09:19:31	1367250	12	15
B378	D	64	1059000	2718	10/21/96	09:48:46	1059000	12	16
B378	E	65	1009000	2785	10/21/96	14:42:42	1009000	12	17
B378	F	68	879000	2689	10/23/96	09:11:20	659250	12	18
B166	D	1	374381	2717	8/26/96	12:33:01	374381	12	19
B166	E	215	0	9999	8/26/96	10:00:00	0	12	20
B166	F	133	110000	2721	11/22/96	11:25:06	82500	12	21
B422	D	114	463001	2717	11/15/96	12:38:38	463001	12	22
B422	E	91	400000	2785	11/4/96	15:26:53	400000	12	23
B422	F	123	734000	2657	11/19/96	16:24:13	550500	12	24

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B123	D	39	127000	2702	10/1/96	14:35:11	127000	12	25
B123	E	45	166501	2639	10/4/96	14:36:36	166501	12	26
B123	F	88	242000	2689	11/1/96	15:25:22	181500	12	27
B477	D	239	91100	2718	1/7/97	10:19:26	91100	12	28
B477	E	239	86000	2751	1/7/97	10:20:40	86000	12	29
B477	F	119	160000	2721	11/18/96	16:11:18	120000	12	30
B045	D	66	238000	2766	10/22/96	09:32:51	238000	12	31
B045	E	84	243001	2717	10/31/96	12:43:06	243001	12	32
B045	F	63	56000	2679	10/18/96	14:47:11	47600	12	33
B299	D	24	169000	2679	9/19/96	09:08:30	169000	12	34
B299	E	71	190000	2679	10/24/96	14:33:15	190000	12	35
B299	F	3	65000	2679	8/28/96	12:54:59	55250	12	36
B142	D	101	180000	2702	11/8/96	09:04:41	180000	12	37
B142	E	66	156000	2766	10/22/96	09:32:51	156000	12	38
B142	F	105	233000	2689	11/12/96	12:16:17	174750	12	39
B481	D	88	161000	2751	11/1/96	15:26:41	161000	12	40
B481	E	91	174000	2785	11/4/96	15:26:53	174000	12	41
B481	F	179	178111	2689	12/12/96	09:02:12	133583	12	42
B001	D	1	111114	2717	8/26/96	12:33:01	111114	12	43
B001	E	121	60000	2702	11/19/96	11:17:44	60000	12	44
B001	F	115	27000	2775	11/15/96	15:40:32	22950	12	45
B301	D	1	105119	2717	8/26/96	12:33:01	105119	12	46
B301	E	183	0	9999	8/26/96	10:00:00	0	12	47
B301	F	185	98000	2721	12/12/96	17:32:05	73500	12	48
B054	D	110	88000	2689	11/14/96	09:08:17	88000	12	49
B054	E	52	49501	2639	10/10/96	09:29:51	49501	12	50
B054	F	128	133000	2721	11/21/96	09:20:23	99750	12	51
B464	D	1	93194	2717	8/26/96	12:33:01	93194	12	52
B464	E	187	94000	2689	12/13/96	09:11:10	94000	12	53
B464	F	53	44000	2689	10/10/96	14:34:19	33000	12	54
B037	D	1	72040	2717	8/26/96	12:33:01	72040	12	55
B037	E	228	50001	2639	12/20/96	11:40:06	50001	12	56
B037	F	195	189000	2689	12/16/96	09:01:51	141750	12	57
B199	D	1	66486	2717	8/26/96	12:33:01	66486	12	58
B199	E	185	0	9999	8/26/96	10:00:00	0	12	59
B199	F	162	62000	2721	12/6/96	09:15:49	46500	12	60
B113	D	74	83000	2628	10/28/96	09:15:31	83000	12	61
B113	E	76	88000	2628	10/28/96	15:25:55	88000	12	62
B113	F	58	13000	2628	10/16/96	09:27:19	9750	12	63
B207	D	97	26001	2639	11/6/96	15:28:15	26001	12	64
B207	E	90	23001	2639	11/4/96	12:20:16	23001	12	65
B207	F	98	32027	2606	11/7/96	09:19:02	27222	12	66
B476	D	2	45000	2643	8/27/96	13:11:12	45000	12	67
B476	E	2	45000	2643	8/27/96	13:11:12	45000	12	68
B476	F	140	52000	2643	11/26/96	09:06:55	39000	12	69
B440	D	42	46560000	2714	10/3/96	09:09:19	46560000	13	1
B440	E	39	40053000	2699	10/1/96	14:36:32	40053000	13	2
B440	F	65	7961805	2656	10/21/96	14:35:37	5971353	13	3
B336	D	94	5660000	2714	11/5/96	15:47:39	5660000	13	4
B336	E	62	6503000	2702	10/18/96	09:10:06	6503000	13	5
B336	F	92	4714256	2656	11/5/96	09:07:58	3535692	13	6
B408	D	46	6995000	2714	10/7/96	09:31:14	6995000	13	7
B408	E	45	6360555	2699	10/4/96	14:44:21	6360555	13	8
B408	F	133	2204000	2713	11/22/96	11:26:56	1653000	13	9
B239	D	49	6100000	2714	10/8/96	14:58:44	6100000	13	10
B239	E	48	6123000	2699	10/8/96	09:09:42	6123000	13	11
B239	F	89	3105000	2763	11/4/96	09:31:33	2328750	13	12
B107	D	48	446000	2714	10/8/96	09:42:51	446000	13	13
B107	E	173	540000	2702	12/10/96	12:58:00	540000	13	14

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B107	F	179	986001	2609	12/12/96	09:05:43	739500	13	15
B289	D	230	950001	2714	1/6/97	09:04:49	950001	13	16
B289	E	228	862000	2702	12/20/96	11:31:57	862000	13	17
B289	F	224	1471202	2656	12/19/96	17:32:35	1103401	13	18
B326	D	46	2435000	2714	10/7/96	09:31:14	2435000	13	19
B326	E	45	2664555	2699	10/4/96	14:44:21	2664555	13	20
B326	F	180	1324001	2609	12/12/96	10:20:10	993000	13	21
B196	D	132	13259000	2714	11/22/96	09:15:00	13259000	14	1
B196	E	81	9835000	2702	10/30/96	12:13:05	9835000	14	2
B196	F	111	10150077	2656	11/14/96	12:20:50	7612557	14	3
B034	D	21	605000	2714	9/17/96	14:57:39	605000	14	4
B034	E	24	575000	2702	9/19/96	09:09:11	575000	14	5
B034	F	203	781000	2656	12/17/96	09:06:36	585750	14	6
B238	D	52	3750333	2714	10/10/96	09:44:56	3750333	14	7
B238	E	53	3964000	2699	10/10/96	14:36:21	3964000	14	8
B238	F	110	1055007	2734	11/14/96	09:19:05	1055007	14	9
B059	D	21	120000	2714	9/17/96	14:57:39	120000	14	10
B059	E	24	136000	2702	9/19/96	09:09:11	136000	14	11
B059	F	107	136000	2756	11/13/96	09:33:59	136000	14	12
B456	D	114	255000	2714	11/15/96	12:24:47	255000	14	13
B456	E	157	308000	2702	12/4/96	16:03:25	308000	14	14
B456	F	164	140000	2771	12/6/96	13:49:30	105000	14	15
B265	D	16	57000	2714	9/13/96	09:41:00	57000	14	16
B265	E	187	56000	2702	12/13/96	09:02:08	56000	14	17
B265	F	98	14001	2705	11/7/96	09:12:31	10500	14	18
B293	D	132	17617000	2702	11/22/96	09:05:56	17617000	15	1
B293	E	135	18000015	2760	11/22/96	16:23:26	18000015	15	2
B293	F	130	37015078	2760	11/21/96	14:08:24	27761308	15	3
B469	D	136	1730000	2702	11/25/96	09:04:55	1730000	15	4
B469	E	208	1900000	2686	12/17/96	16:21:47	1900000	15	5
B469	F	207	3335015	2760	12/17/96	15:11:09	2501261	15	6
B151	D	36	9034000	2699	9/30/96	09:11:57	9034000	15	7
B151	E	55	8626000	2699	10/11/96	14:35:30	8626000	15	8
B151	F	66	5338000	2782	10/22/96	09:27:44	4003500	15	9
B152	D	166	4444000	2699	12/9/96	09:03:07	4444000	15	10
B152	E	164	4433000	2702	12/6/96	13:48:20	4433000	15	11
B152	F	162	4160000	2686	12/6/96	09:09:37	3120000	15	12
B313	D	233	2727273	2737	1/6/97	12:49:04	2727273	15	13
B313	E	56	2580000	2699	10/15/96	09:03:47	2580000	15	14
B313	F	65	1352000	2782	10/21/96	14:39:08	1014000	15	15
B084	D	69	10450000	2714	10/23/96	14:57:13	10450000	16	1
B084	E	136	8634001	2717	11/25/96	09:13:20	8634001	16	2
B084	F	142	7000011	2767	11/26/96	13:52:57	5250008	16	3
B065	D	20	632000	2714	9/17/96	09:47:42	632000	16	4
B065	E	136	472001	2717	11/25/96	09:13:20	472001	16	5
B065	F	163	947011	2767	12/6/96	11:28:08	710258	16	6
B484	D	20	602000	2714	9/17/96	09:47:42	602000	16	7
B484	E	136	503001	2717	11/25/96	09:13:20	503001	16	8
B484	F	87	307011	2767	11/1/96	12:30:46	230258	16	9
B131	D	20	256000	2714	9/17/96	09:47:42	256000	16	10
B131	E	136	313001	2717	11/25/96	09:13:20	313001	16	11
B131	F	205	512000	2686	12/17/96	11:42:45	384000	16	12
B278	D	20	275000	2714	9/17/96	09:47:42	275000	16	13
B278	E	136	187000	2717	11/25/96	09:13:20	187000	16	14
B278	F	151	266011	2767	12/3/96	11:39:30	199508	16	15
B403	D	20	127000	2714	9/17/96	09:47:42	127000	16	16
B403	E	136	146001	2717	11/25/96	09:13:20	146001	16	17
B403	F	155	297011	2767	12/4/96	11:31:35	222758	16	18
B416	D	20	109000	2714	9/17/96	09:47:42	109000	16	19

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B416	E	136	132001	2717	11/25/96	09:13:20	132001	16	20
B416	F	254	75555	2778	1/9/97	11:35:13	56666	16	21
B122	D	20	89000	2714	9/17/96	09:47:42	89000	16	22
B122	E	136	100001	2717	11/25/96	09:13:20	100001	16	23
B122	F	253	66000	2767	1/9/97	10:21:13	49500	16	24
B021	D	20	82000	2714	9/17/96	09:47:42	82000	16	25
B021	E	136	91001	2717	11/25/96	09:13:20	91001	16	26
B021	F	64	20011	2767	10/21/96	09:37:01	15008	16	27
B287	D	20	87000	2714	9/17/96	09:47:42	87000	16	28
B287	E	136	113001	2717	11/25/96	09:13:20	113001	16	29
B287	F	252	17011	2767	1/9/97	09:04:21	12758	16	30
B320	D	90	11638000	2702	11/4/96	12:12:47	11638000	17	1
B320	E	47	13139000	2702	10/7/96	14:32:39	13139000	17	2
B320	F	70	10856999	2656	10/24/96	09:12:20	8142749	17	3
B032	D	155	3977000	2702	12/4/96	11:18:40	3977000	17	4
B032	E	62	3685000	2702	10/18/96	09:10:06	3685000	17	5
B032	F	124	4389204	2690	11/20/96	09:07:07	3291903	17	6
B302	D	62	4682062	2737	10/18/96	09:28:48	4682062	17	7
B302	E	60	3717000	2702	10/17/96	09:03:23	3717000	17	8
B302	F	118	2585777	2690	11/18/96	13:51:43	1939332	17	9
B236	D	173	1286000	2702	12/10/96	12:58:00	1286000	17	10
B236	E	156	1067000	2702	12/4/96	13:47:11	1067000	17	11
B236	F	72	1060195	2690	10/25/96	09:18:13	795146	17	12
B343	D	56	7164056	2737	10/15/96	09:33:32	7164056	17	13
B343	E	55	6778000	2699	10/11/96	14:35:30	6778000	17	14
B343	F	118	5555777	2690	11/18/96	13:51:43	4166832	17	15
B042	D	75	4928000	2699	10/28/96	12:14:22	4928000	17	16
B042	E	77	5099077	2737	10/29/96	09:20:46	5099077	17	17
B042	F	173	3218123	2690	12/10/96	12:55:06	2413592	17	18
B009	D	155	1074000	2702	12/4/96	11:18:40	1074000	17	19
B009	E	173	1246000	2699	12/10/96	12:53:44	1246000	17	20
B009	F	147	1056007	2734	12/2/96	11:21:01	1056007	17	21
B195	D	69	1247000	2744	10/23/96	14:47:31	1247000	17	22
B195	E	53	1301000	2699	10/10/96	14:36:21	1301000	17	23
B195	F	68	1316238	2690	10/23/96	09:14:43	987178	17	24
B154	D	46	2450146	2737	10/7/96	09:17:42	2450146	17	25
B154	E	48	2243000	2699	10/8/96	09:09:42	2243000	17	26
B154	F	118	2244777	2690	11/18/96	13:51:43	1683582	17	27
B186	D	225	630000	2637	12/19/96	18:56:38	630000	17	28
B186	E	41	630000	2699	10/2/96	14:44:45	630000	17	29
B186	F	56	2765111	2690	10/15/96	09:20:18	2073833	17	30
B269	D	86	816000	2737	11/1/96	09:34:00	816000	17	31
B269	E	45	1034555	2699	10/4/96	14:44:21	1034555	17	32
B269	F	77	629009	2690	10/29/96	09:13:38	471756	17	33
B180	D	171	160000	2702	12/10/96	09:02:10	160000	17	34
B180	E	172	145000	2637	12/10/96	11:05:45	145000	17	35
B180	F	49	70123	2690	10/8/96	14:43:53	52592	17	36
B246	D	171	174000	2702	12/10/96	09:02:10	174000	17	37
B246	E	169	157123	2690	12/9/96	15:26:14	157123	17	38
B246	F	50	259000	2772	10/9/96	09:45:56	194250	17	39
B081	D	82	9399000	2714	10/30/96	15:54:51	9399000	18	1
B081	E	76	9500000	2659	10/28/96	15:35:17	9500000	18	2
B081	F	117	10544001	2716	11/18/96	11:22:10	7908000	18	3
B106	D	69	1887333	2714	10/23/96	14:57:13	1887333	18	4
B106	E	100	1590001	2717	11/7/96	15:33:23	1590001	18	5
B106	F	103	1798000	2633	11/8/96	15:36:36	1348500	18	6
B073	D	20	1304000	2714	9/17/96	09:47:42	1304000	18	7
B073	E	20	1294000	2714	9/17/96	09:47:42	1294000	18	8
B073	F	242	529007	2722	1/7/97	15:05:39	396755	18	9

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B197	D	20	373000	2714	9/17/96	09:47:42	373000	18	10
B197	E	20	482000	2714	9/17/96	09:47:42	482000	18	11
B197	F	109	45011	2767	11/13/96	15:27:08	33758	18	12
B474	D	20	172000	2714	9/17/96	09:47:42	172000	18	13
B474	E	20	227000	2714	9/17/96	09:47:42	227000	18	14
B474	F	113	5117	2760	11/15/96	09:38:39	3837	18	15
B048	D	20	246000	2714	9/17/96	09:47:42	246000	18	16
B048	E	20	208000	2714	9/17/96	09:47:42	208000	18	17
B048	F	274	19000	2767	1/13/97	17:38:02	14250	18	18
B035	D	20	154000	2714	9/17/96	09:47:42	154000	18	19
B035	E	61	171000	2714	10/17/96	14:55:43	171000	18	20
B035	F	65	68000	2731	10/21/96	15:05:10	57800	18	21
B359	D	20	97000	2714	9/17/96	09:47:42	97000	18	22
B359	E	61	85000	2714	10/17/96	14:55:43	85000	18	23
B359	F	184	37011	2767	12/12/96	16:22:59	27758	18	24
B259	D	20	41000	2714	9/17/96	09:47:42	41000	18	25
B259	E	61	40000	2714	10/17/96	14:55:43	40000	18	26
B259	F	197	22011	2693	12/16/96	11:34:30	18709	18	27
B394	D	143	2500015	2760	11/26/96	16:23:18	2500015	19	1
B394	E	47	1736001	2717	10/7/96	14:40:00	1736001	19	2
B394	F	154	4497001	2609	12/4/96	09:06:25	3372750	19	3
B428	D	141	1471741	2727	11/26/96	11:18:28	1471741	19	4
B428	E	142	1398142	2737	11/26/96	13:56:04	1398142	19	5
B428	F	149	1947015	2760	12/2/96	16:24:04	1460261	19	6
B067	D	1	2095	2702	8/26/96	10:27:45	2095	19	7
B067	E	84	44001	2717	10/31/96	12:43:06	44001	19	8
B067	F	66	21015	2760	10/22/96	09:54:37	15761	19	9
B090	D	72	40015	2760	10/25/96	09:56:20	40015	19	10
B090	E	84	40001	2717	10/31/96	12:43:06	40001	19	11
B090	F	143	127000	2638	11/26/96	16:06:18	95250	19	12
B066	D	7	20000	2702	9/4/96	13:44:31	20000	19	13
B066	E	84	38001	2717	10/31/96	12:43:06	38001	19	14
B066	F	167	37015	2760	12/9/96	11:08:55	27761	19	15
B367	D	84	20001	2717	10/31/96	12:43:06	20001	19	16
B367	E	118	38015	2760	11/18/96	14:09:23	38015	19	17
B367	F	144	28111	2719	11/27/96	09:16:48	21083	19	18
B355	D	84	46001	2717	10/31/96	12:43:06	46001	19	19
B355	E	39	32039	2737	10/1/96	15:27:01	32039	19	20
B355	F	46	16015	2760	10/7/96	09:54:46	12011	19	21
B217	D	84	42001	2717	10/31/96	12:43:06	42001	19	22
B217	E	10	30010	2737	9/9/96	13:38:27	30010	19	23
B217	F	208	71332	2760	12/17/96	16:26:00	53499	19	24
B308	D	84	13001	2717	10/31/96	12:43:06	13001	19	25
B308	E	62	25015	2760	10/18/96	09:53:41	25015	19	26
B308	F	180	14888	2611	12/12/96	10:20:18	11166	19	27
B383	D	84	30001	2717	10/31/96	12:43:06	30001	19	28
B383	E	10	21010	2737	9/9/96	13:38:27	21010	19	29
B383	F	46	10815	2760	10/7/96	09:54:46	8111	19	30
B470	D	235	29001	2717	1/6/97	16:23:15	29001	19	31
B470	E	236	35236	2737	1/6/97	17:38:56	35236	19	32
B470	F	233	56015	2760	1/6/97	12:57:12	42011	19	33
B230	D	94	12015	2760	11/5/96	15:59:00	12015	19	34
B230	E	84	12001	2717	10/31/96	12:43:06	12001	19	35
B230	F	105	29999	2693	11/12/96	12:25:42	25499	19	36
B297	D	49	4312000	2702	10/8/96	14:33:09	4312000	20	1
B297	E	56	4116320	2717	10/15/96	09:35:25	4116320	20	2
B297	F	136	1958000	2609	11/25/96	09:07:54	1468500	20	3
B272	D	233	2421000	2702	1/6/97	12:49:29	2421000	20	4
B272	E	239	1416000	2609	1/7/97	10:26:42	1416000	20	5

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B272	F	236	3821000	2652	1/6/97	17:35:35	3247850	20	6
B018	D	195	713000	2702	12/16/96	09:04:13	713000	20	7
B018	E	166	735001	2639	12/9/96	09:11:47	735001	20	8
B018	F	196	943076	2606	12/16/96	10:24:56	801614	20	9
B173	D	43	509000	2702	10/3/96	14:34:21	509000	20	10
B173	E	70	582001	2639	10/24/96	09:26:36	582001	20	11
B173	F	182	375501	2666	12/12/96	12:47:55	281625	20	12
B234	D	243	640000	2639	1/7/97	16:27:04	640000	20	13
B234	E	240	759000	2706	1/7/97	11:44:06	759000	20	14
B234	F	70	120000	2689	10/24/96	09:04:50	90000	20	15
B466	D	49	180000	2702	10/8/96	14:33:09	180000	20	16
B466	E	92	271001	2639	11/5/96	09:17:34	271001	20	17
B466	F	186	333027	2606	12/12/96	18:51:07	283072	20	18
B216	D	49	64000	2702	10/8/96	14:33:09	64000	20	19
B216	E	70	109001	2639	10/24/96	09:26:36	109001	20	20
B216	F	151	460000	2609	12/3/96	11:24:27	345000	20	21
B432	D	245	421000	2639	1/8/97	10:21:23	421000	20	22
B432	E	241	363000	2663	1/7/97	12:53:59	363000	20	23
B432	F	140	280100	2633	11/26/96	09:08:57	210075	20	24
B417	D	199	136000	2702	12/16/96	15:02:12	136000	20	25
B417	E	201	149001	2639	12/16/96	17:38:32	149001	20	26
B417	F	202	195027	2606	12/16/96	18:47:41	165772	20	27
B148	D	71	95000	2702	10/24/96	14:32:27	95000	20	28
B148	E	193	135001	2639	12/13/96	17:33:52	135001	20	29
B148	F	194	147027	2606	12/13/96	18:53:02	124972	20	30
B276	D	195	68000	2702	12/16/96	09:04:13	68000	20	31
B276	E	199	91001	2639	12/16/96	15:06:46	91001	20	32
B276	F	200	132076	2606	12/16/96	16:21:17	112264	20	33
B282	D	22	49000	2702	9/18/96	09:05:49	49000	20	34
B282	E	82	69001	2639	10/30/96	15:35:03	69001	20	35
B282	F	140	24000	2682	11/26/96	09:07:45	18000	20	36
B279	D	242	220000	2702	1/7/97	15:02:11	220000	20	37
B279	E	87	209001	2639	11/1/96	12:22:43	209001	20	38
B279	F	105	329001	2710	11/12/96	12:27:03	246750	20	39
B132	D	242	19000	2702	1/7/97	15:02:11	19000	20	40
B132	E	68	19001	2639	10/23/96	09:26:47	19001	20	41
B132	F	52	23000	2627	10/10/96	09:47:04	17250	20	42
B194	D	49	9600	2702	10/8/96	14:33:09	9600	20	43
B194	E	32	14501	2639	9/26/96	09:43:09	14501	20	44
B194	F	160	9800	2763	12/5/96	13:52:34	7350	20	45
B206	D	67	44000	2702	10/22/96	14:33:32	44000	20	46
B206	E	68	50001	2639	10/23/96	09:26:47	50001	20	47
B206	F	86	14026	2606	11/1/96	09:14:23	11922	20	48
B350	D	233	2792000	2702	1/6/97	12:49:29	2792000	21	1
B350	E	236	2606000	2637	1/6/97	17:38:40	2606000	21	2
B350	F	51	260000	2686	10/9/96	14:47:27	195000	21	3
B218	D	10	24000	2702	9/9/96	13:38:46	24000	21	4
B218	E	122	51000	2702	11/19/96	13:47:54	51000	21	5
B218	F	183	27333	2671	12/12/96	15:04:02	23233	21	6
B012	D	135	46000	2702	11/22/96	16:01:58	46000	21	7
B012	E	85	46000	2702	10/31/96	15:22:23	46000	21	8
B012	F	220	88000	2756	12/19/96	11:34:19	88000	21	9
B471	D	29	22000	2702	9/24/96	14:33:21	22000	21	10
B471	E	241	178000	2731	1/7/97	12:50:14	178000	21	11
B471	F	94	110011	2767	11/5/96	15:55:02	82508	21	12
B082	D	35	19000	2702	9/27/96	14:33:15	19000	21	13
B082	E	95	38000	2731	11/6/96	09:21:38	38000	21	14
B082	F	252	39011	2767	1/9/97	09:04:21	29258	21	15
B431	D	241	42000	2702	1/7/97	12:48:05	42000	21	16

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B431	E	46	16000	2706	10/7/96	09:22:37	16000	21	17
B431	F	253	113000	2767	1/9/97	10:21:13	84750	21	18
B117	D	254	41111	2778	1/9/97	11:35:13	41111	21	19
B117	E	241	36000	2702	1/7/97	12:48:05	36000	21	20
B117	F	189	73000	2770	12/13/96	11:35:31	54750	21	21
B328	D	17	5000	2702	9/13/96	14:32:14	5000	21	22
B328	E	85	12000	2702	10/31/96	15:22:23	12000	21	23
B328	F	185	22011	2719	12/12/96	17:37:05	16508	21	24
B306	D	22	62000	2702	9/18/96	09:05:49	62000	21	25
B306	E	42	41000	2706	10/3/96	09:22:18	41000	21	26
B306	F	61	50000	2731	10/17/96	15:10:46	42500	21	27
B317	D	153	49000	2702	12/3/96	16:04:46	49000	21	28
B317	E	151	31000	2702	12/3/96	11:17:23	31000	21	29
B317	F	193	3511	2767	12/13/96	17:34:06	2633	21	30
B203	D	3	900	2702	8/28/96	12:57:19	900	21	31
B203	E	85	10000	2702	10/31/96	15:22:23	10000	21	32
B203	F	242	11007	2722	1/7/97	15:05:39	8255	21	33
B137	D	90	36000	2702	11/4/96	12:12:47	36000	21	34
B137	E	90	34000	2702	11/4/96	12:12:47	34000	21	35
B137	F	91	37000	2731	11/4/96	15:37:12	31450	21	36
B110	D	83	8711000	2702	10/31/96	09:07:46	8711000	22	1
B110	E	76	5300000	2718	10/28/96	15:28:40	5300000	22	2
B110	F	164	2305000	2637	12/6/96	13:53:38	2305000	22	3
B089	D	47	679000	2702	10/7/96	14:32:39	679000	22	4
B089	E	66	1126000	2718	10/22/96	09:33:35	1126000	22	5
B089	F	86	1480008	2760	11/1/96	09:38:28	1110006	22	6
B366	D	109	702000	2702	11/13/96	15:22:39	702000	22	7
B366	E	110	744001	2639	11/14/96	09:16:48	744001	22	8
B366	F	114	273007	2734	11/15/96	12:29:47	273007	22	9
B168	D	90	310000	2702	11/4/96	12:12:47	310000	22	10
B168	E	106	457010	2718	11/12/96	15:41:15	457010	22	11
B168	F	180	115000	2715	12/12/96	10:20:41	86250	22	12
B149	D	68	407000	2702	10/23/96	09:14:07	407000	22	13
B149	E	76	430000	2718	10/28/96	15:28:40	430000	22	14
B149	F	109	117000	2756	11/13/96	15:49:38	117000	22	15
B369	D	38	141000	2718	10/1/96	09:13:16	141000	22	16
B369	E	67	141000	2702	10/22/96	14:33:32	141000	22	17
B369	F	108	109000	2775	11/13/96	12:29:09	92650	22	18
B069	D	103	582000	2718	11/8/96	15:50:49	582000	22	19
B069	E	102	542000	2685	11/8/96	12:12:28	542000	22	20
B069	F	190	283000	2685	12/13/96	12:47:42	212250	22	21
B172	D	103	39000	2718	11/8/96	15:50:49	39000	22	22
B172	E	85	178000	2702	10/31/96	15:22:23	178000	22	23
B172	F	104	52000	2756	11/12/96	09:33:23	52000	22	24
B077	D	103	372000	2718	11/8/96	15:50:49	372000	22	25
B077	E	102	359000	2685	11/8/96	12:12:28	359000	22	26
B077	F	177	295000	2685	12/11/96	10:57:05	221250	22	27
B411	D	118	179000	2718	11/18/96	13:54:52	179000	22	28
B411	E	100	100000	2702	11/7/96	15:23:15	100000	22	29
B411	F	178	124112	2786	12/11/96	13:02:42	93084	22	30
B381	D	172	53001	2718	12/10/96	11:04:46	53001	22	31
B381	E	100	60000	2702	11/7/96	15:23:15	60000	22	32
B381	F	173	66000	2651	12/10/96	12:51:25	49500	22	33
B375	D	18	10000	2718	9/16/96	09:21:15	10000	22	34
B375	E	100	40000	2702	11/7/96	15:23:15	40000	22	35
B375	F	136	19999	2719	11/25/96	09:19:49	14999	22	36
B324	D	82	4735000	2714	10/30/96	15:54:51	4735000	23	1
B324	E	133	5037001	2717	11/22/96	11:33:36	5037001	23	2
B324	F	167	7710015	2760	12/9/96	11:08:55	5782511	23	3

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B374	D	59	2129000	2714	10/16/96	15:10:35	2129000	23	4
B374	E	85	2423666	2717	10/31/96	15:25:30	2423666	23	5
B374	F	158	4565000	2669	12/5/96	09:12:15	3423750	23	6
B376	D	221	2577001	2714	12/19/96	12:51:59	2577001	23	7
B376	E	224	2685000	2686	12/19/96	17:40:05	2685000	23	8
B376	F	223	5431000	2669	12/19/96	16:24:17	4073250	23	9
B104	D	217	993000	2714	12/18/96	18:47:23	993000	23	10
B104	E	219	1079001	2717	12/19/96	10:20:00	1079001	23	11
B104	F	220	2000000	2686	12/19/96	11:36:12	1500000	23	12
B266	D	213	977001	2714	12/18/96	11:34:25	977001	23	13
B266	E	211	866001	2717	12/18/96	09:07:12	866001	23	14
B266	F	214	1771000	2686	12/18/96	12:48:09	1328250	23	15
B430	D	194	689001	2714	12/13/96	18:46:34	689001	23	16
B430	E	196	722001	2717	12/16/96	10:20:02	722001	23	17
B430	F	198	821000	2669	12/16/96	12:51:50	615750	23	18
B284	D	20	83000	2714	9/17/96	09:47:42	83000	23	19
B284	E	114	91001	2717	11/15/96	12:38:38	91001	23	20
B284	F	43	10000	2669	10/3/96	14:58:42	7500	23	21
B413	D	68	6490000	2702	10/23/96	09:14:07	6490000	24	1
B413	E	84	8500000	2717	10/31/96	12:43:06	8500000	24	2
B413	F	32	13600001	2716	9/26/96	09:28:50	10200000	24	3
B331	D	98	598000	2702	11/7/96	09:04:26	598000	24	4
B331	E	121	637001	2717	11/19/96	11:34:14	637001	24	5
B331	F	101	886000	2687	11/8/96	09:08:53	664500	24	6
B482	D	69	413000	2702	10/23/96	14:32:52	413000	24	7
B482	E	85	440000	2718	10/31/96	15:37:52	440000	24	8
B482	F	191	323000	2768	12/13/96	15:02:49	242250	24	9
B055	D	67	354000	2702	10/22/96	14:33:32	354000	24	10
B055	E	79	395000	2718	10/29/96	15:33:01	395000	24	11
B055	F	46	209000	2688	10/7/96	09:48:31	156750	24	12
B468	D	56	218000	2702	10/15/96	09:03:27	218000	24	13
B468	E	62	212000	2766	10/18/96	09:33:21	212000	24	14
B468	F	275	56000	2767	1/13/97	18:59:30	42000	24	15
B036	D	127	326000	2702	11/20/96	16:05:45	326000	24	16
B036	E	122	272000	2688	11/19/96	13:53:20	272000	24	17
B036	F	125	480001	2716	11/20/96	11:24:56	360000	24	18
B002	D	42	103821	2702	10/3/96	09:03:21	103821	24	19
B002	E	79	70000	2718	10/29/96	15:33:01	70000	24	20
B002	F	137	25000	2688	11/25/96	11:22:52	18750	24	21
B356	D	27	119000	2702	9/20/96	14:33:04	119000	24	22
B356	E	166	89000	2688	12/9/96	09:08:46	89000	24	23
B356	F	139	119000	2688	11/25/96	16:18:09	89250	24	24
B488	D	38	31002000	2714	10/1/96	09:08:16	31002000	25	1
B488	E	73	33987000	2720	10/25/96	15:17:51	33987000	25	2
B488	F	149	3462223	2760	12/2/96	16:24:04	2596667	25	3
B489	D	73	15154000	2720	10/25/96	15:17:51	15154000	25	4
B489	E	72	13259000	2714	10/25/96	09:47:26	13259000	25	5
B489	F	93	3553000	2658	11/5/96	12:34:58	3020050	25	6
B491	D	52	841000	2714	10/10/96	09:44:56	841000	25	7
B491	E	22	953000	2779	9/18/96	09:31:27	953000	25	8
B491	F	123	933000	2601	11/19/96	16:07:59	699750	25	9
B263	D	51	3897101	2670	10/9/96	14:44:08	3897101	26	1
B263	E	49	3862101	2670	10/8/96	14:35:41	3862101	26	2
B263	F	162	2116184	2690	12/6/96	09:09:34	1587138	26	3
B252	D	48	743101	2670	10/8/96	09:13:12	743101	26	4
B252	E	46	736101	2670	10/7/96	09:04:10	736101	26	5
B252	F	151	607011	2767	12/3/96	11:39:30	455258	26	6
B135	D	66	157101	2670	10/22/96	09:08:31	157101	26	7
B135	E	98	201000	2670	11/7/96	09:10:56	201000	26	8

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MARKET	FREQ	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B135	F	271	262000	2788	1/13/97	12:56:31	196500	26	9
B052	D	213	360000	2670	12/18/96	11:36:20	360000	26	10
B052	E	219	389000	2670	12/19/96	10:18:55	389000	26	11
B052	F	223	765123	2690	12/19/96	16:22:12	573842	26	12
B339	D	22	24000	2670	9/18/96	09:16:32	24000	26	13
B339	E	22	44000	2670	9/18/96	09:16:32	44000	26	14
B339	F	92	44001	2790	11/5/96	09:16:17	37400	26	15
B338	D	20	33101	2670	9/17/96	09:31:36	33101	26	16
B338	E	20	16101	2670	9/17/96	09:31:36	16101	26	17
B338	F	92	18001	2790	11/5/96	09:16:17	15300	26	18
B098	D	20	40101	2670	9/17/96	09:31:36	40101	26	19
B098	E	20	52101	2670	9/17/96	09:31:36	52101	26	20
B098	F	99	39001	2747	11/7/96	12:17:12	29250	26	21
B423	D	67	56101	2670	10/22/96	14:33:39	56101	26	22
B423	E	65	55101	2670	10/21/96	14:38:52	55101	26	23
B423	F	2	20000	2747	8/27/96	13:02:23	15000	26	24
B273	D	95	44000	2670	11/6/96	09:03:26	44000	26	25
B273	E	99	49000	2670	11/7/96	12:15:09	49000	26	26
B273	F	97	54001	2790	11/6/96	15:43:02	45900	26	27
B347	D	137	11274000	2718	11/25/96	11:24:51	11274000	27	1
B347	E	83	9777083	2717	10/31/96	09:08:16	9777083	27	2
B347	F	143	40321001	2716	11/26/96	16:11:33	30240750	27	3
B447	D	121	1410000	2718	11/19/96	11:27:26	1410000	27	4
B447	E	123	1558001	2717	11/19/96	16:05:56	1558001	27	5
B447	F	115	2059001	2716	11/15/96	15:33:47	1544250	27	6
B362	D	106	164010	2718	11/12/96	15:41:15	164010	27	7
B362	E	124	67001	2717	11/20/96	09:07:50	67001	27	8
B362	F	122	111000	2769	11/19/96	13:48:46	83250	27	9
B486	D	39	55145	2718	10/1/96	14:46:13	55145	27	10
B486	E	61	65001	2717	10/17/96	14:34:19	65001	27	11
B486	F	180	67888	2611	12/12/96	10:20:18	50916	27	12
B420	D	21	11000	2718	9/17/96	14:40:05	11000	27	13
B420	E	182	31166	2717	12/12/96	12:48:46	31166	27	14
B420	F	113	61000	2705	11/15/96	09:11:48	45750	27	15
B144	D	125	615000	2718	11/20/96	11:24:58	615000	27	16
B144	E	128	90001	2717	11/21/96	09:06:31	90001	27	17
B144	F	122	127000	2769	11/19/96	13:48:46	95250	27	18
B322	D	61	37000	2718	10/17/96	15:14:45	37000	27	19
B322	E	182	51166	2717	12/12/96	12:48:46	51166	27	20
B322	F	164	173000	2752	12/6/96	13:50:13	129750	27	21
B290	D	96	3512000	2714	11/6/96	12:30:24	3512000	28	1
B290	E	99	3522099	2737	11/7/96	12:24:46	3522099	28	2
B290	F	54	2756009	2656	10/11/96	09:09:05	2067006	28	3
B210	D	126	5238000	2714	11/20/96	13:57:19	5238000	28	4
B210	E	127	4749000	2605	11/20/96	16:09:18	4749000	28	5
B210	F	128	5004000	2756	11/21/96	09:18:44	5004000	28	6
B449	D	41	600000	2714	10/2/96	15:07:49	600000	28	7
B449	E	142	615000	2756	11/26/96	13:51:37	615000	28	8
B449	F	53	939007	2734	10/10/96	15:02:12	939007	28	9
B211	D	157	211333	2714	12/4/96	16:14:08	211333	28	10
B211	E	57	191000	2714	10/15/96	14:52:47	191000	28	11
B211	F	233	185000	2756	1/6/97	12:47:41	185000	28	12
B175	D	47	1841000	2714	10/7/96	15:17:35	1841000	28	13
B175	E	46	1793555	2699	10/7/96	09:11:16	1793555	28	14
B175	F	255	523000	2756	1/9/97	12:53:54	523000	28	15
B292	D	67	1656000	2605	10/22/96	15:17:23	1656000	28	16
B292	E	68	1023000	2714	10/23/96	09:39:44	1023000	28	17
B292	F	165	1059000	2756	12/6/96	16:07:31	1059000	28	18
B094	D	48	2287000	2714	10/8/96	09:42:51	2287000	28	19

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B094	E	46	2049000	2699	10/7/96	09:11:16	2049000	28	20
B094	F	220	402007	2734	12/19/96	11:38:30	402007	28	21
B120	D	36	388000	2714	9/30/96	09:20:51	388000	28	22
B120	E	35	351000	2699	9/27/96	14:37:29	351000	28	23
B120	F	241	101000	2756	1/7/97	12:46:41	101000	28	24
B049	D	245	49001	2714	1/8/97	10:17:58	49001	28	25
B049	E	243	41243	2737	1/7/97	16:20:58	41243	28	26
B049	F	239	48000	2756	1/7/97	10:17:36	48000	28	27
B315	D	47	427000	2714	10/7/96	15:17:35	427000	28	28
B315	E	44	353000	2699	10/4/96	09:04:53	353000	28	29
B315	F	254	96007	2734	1/9/97	11:33:52	96007	28	30
B455	D	80	243000	2714	10/30/96	09:32:05	243000	28	31
B455	E	157	246000	2791	12/4/96	16:05:42	246000	28	32
B455	F	155	316000	2604	12/4/96	11:18:31	237000	28	33
B044	D	51	5380051	2737	10/9/96	14:49:46	5380051	29	1
B044	E	49	4657000	2702	10/8/96	14:33:09	4657000	29	2
B044	F	93	1616015	2760	11/5/96	12:48:47	1212011	29	3
B305	D	50	5815050	2737	10/9/96	09:20:06	5815050	29	4
B305	E	49	6350000	2699	10/8/96	14:35:26	6350000	29	5
B305	F	107	2362003	2690	11/13/96	09:15:30	1771502	29	6
B198	D	66	994066	2737	10/22/96	09:18:43	994066	29	7
B198	E	64	834000	2702	10/21/96	09:23:46	834000	29	8
B198	F	100	484015	2760	11/7/96	15:59:03	363011	29	9
B450	D	71	561071	2737	10/24/96	14:50:23	561071	29	10
B450	E	70	532000	2702	10/24/96	09:19:12	532000	29	11
B450	F	39	192007	2734	10/1/96	14:41:12	192007	29	12
B115	D	45	2803545	2737	10/4/96	14:52:38	2803545	29	13
B115	E	44	2580000	2699	10/4/96	09:04:53	2580000	29	14
B115	F	65	900000	2690	10/21/96	14:41:23	675000	29	15
B158	D	46	836146	2737	10/7/96	09:17:42	836146	29	16
B158	E	45	824555	2699	10/4/96	14:44:21	824555	29	17
B158	F	162	206015	2760	12/6/96	09:23:45	154511	29	18
B146	D	66	679066	2737	10/22/96	09:18:43	679066	29	19
B146	E	70	815000	2702	10/24/96	09:19:12	815000	29	20
B146	F	113	322003	2690	11/15/96	09:17:53	241502	29	21
B017	D	66	65000	2741	10/22/96	09:28:29	65000	29	22
B017	E	11	49111	2737	9/10/96	09:29:24	49111	29	23
B017	F	89	65000	2787	11/4/96	09:20:52	48750	29	24
B108	D	68	191068	2737	10/23/96	09:11:10	191068	29	25
B108	E	69	230000	2702	10/23/96	14:32:52	230000	29	26
B108	F	114	65015	2760	11/15/96	12:49:06	48761	29	27
B415	D	49	312049	2737	10/8/96	15:02:15	312049	29	28
B415	E	48	321000	2699	10/8/96	09:09:42	321000	29	29
B415	F	107	100242	2690	11/13/96	09:15:30	75181	29	30
B358	D	84	7102000	2702	10/31/96	12:13:27	7102000	30	1
B358	E	42	4092000	2718	10/3/96	09:21:01	4092000	30	2
B358	F	169	5828000	2768	12/9/96	15:23:03	4371000	30	3
B395	D	75	1499000	2702	10/28/96	12:12:53	1499000	30	4
B395	E	79	1748000	2718	10/29/96	15:33:01	1748000	30	5
B395	F	148	1367000	2687	12/2/96	14:03:46	1025250	30	6
B133	D	148	496000	2702	12/2/96	13:47:38	496000	30	7
B133	E	146	508000	2718	12/2/96	09:09:32	508000	30	8
B133	F	144	916000	2687	11/27/96	09:10:19	687000	30	9
B288	D	128	297000	2615	11/21/96	09:08:21	297000	30	10
B288	E	144	310000	2718	11/27/96	09:09:13	310000	30	11
B288	F	146	656000	2768	12/2/96	09:08:58	492000	30	12
B038	D	58	139000	2615	10/16/96	09:24:11	139000	30	13
B038	E	67	122000	2718	10/22/96	15:11:11	122000	30	14
B038	F	149	287000	2601	12/2/96	16:13:36	215250	30	15

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B385	D	137	152000	2615	11/25/96	11:23:44	152000	30	16
B385	E	95	127000	2718	11/6/96	09:27:59	127000	30	17
B385	F	146	242000	2768	12/2/96	09:08:58	181500	30	18
B261	D	164	142000	2702	12/6/96	13:48:20	142000	30	19
B261	E	162	173001	2718	12/6/96	09:14:53	173001	30	20
B261	F	165	274000	2768	12/6/96	16:05:47	205500	30	21
B097	D	85	107000	2702	10/31/96	15:22:23	107000	30	22
B097	E	108	20000	2718	11/13/96	12:16:17	20000	30	23
B097	F	161	10515	2760	12/5/96	16:23:58	7886	30	24
B231	D	122	88769	2615	11/19/96	14:07:40	88769	30	25
B231	E	65	45000	2718	10/21/96	15:08:06	45000	30	26
B231	F	131	57000	2601	11/21/96	16:05:52	42750	30	27
B204	D	77	1561000	2702	10/29/96	09:04:17	1561000	31	1
B204	E	87	2015084	2760	11/1/96	12:48:12	2015084	31	2
B204	F	125	3300545	2600	11/20/96	11:21:20	2475408	31	3
B235	D	70	591000	2702	10/24/96	09:19:12	591000	31	4
B235	E	64	528015	2760	10/21/96	09:53:21	528015	31	5
B235	F	1	315995	2600	8/26/96	13:32:23	236996	31	6
B442	D	170	72000	2702	12/9/96	17:19:05	72000	31	7
B442	E	65	51015	2760	10/21/96	15:26:39	51015	31	8
B442	F	167	100015	2760	12/9/96	11:08:55	75011	31	9
B047	D	230	790650	2600	1/6/97	09:08:44	790650	31	10
B047	E	132	442015	2760	11/22/96	09:24:32	442015	31	11
B047	F	103	58000	2788	11/8/96	15:36:25	43500	31	12
B233	D	74	284015	2760	10/28/96	09:35:26	284015	31	13
B233	E	40	293000	2702	10/2/96	09:02:51	293000	31	14
B233	F	73	0	9999	8/26/96	10:00:00	0	31	15
B309	D	126	321221	2600	11/20/96	13:57:19	321221	31	16
B309	E	125	319000	2702	11/20/96	11:19:40	319000	31	17
B309	F	121	55015	2760	11/19/96	11:38:58	41261	31	18
B015	D	30	144000	2702	9/25/96	09:12:33	144000	31	19
B015	E	90	180000	2702	11/4/96	12:12:47	180000	31	20
B015	F	121	55015	2760	11/19/96	11:38:58	41261	31	21
B093	D	17	5000	2702	9/13/96	14:32:14	5000	31	22
B093	E	1	2007	2760	8/26/96	13:39:25	2007	31	23
B093	F	95	8015	2760	11/6/96	09:39:26	6011	31	24
B280	D	85	66000	2702	10/31/96	15:22:23	66000	31	25
B280	E	66	33015	2760	10/22/96	09:54:37	33015	31	26
B280	F	65	127282	2788	10/21/96	15:00:17	95461	31	27
B373	D	90	62000	2702	11/4/96	12:12:47	62000	31	28
B373	E	69	31000	2702	10/23/96	14:32:52	31000	31	29
B373	F	46	12015	2760	10/7/96	09:54:46	9011	31	30
B457	D	209	19000	2702	12/17/96	17:34:27	19000	31	31
B457	E	1	1007	2760	8/26/96	13:39:25	1007	31	32
B457	F	108	1719	2760	11/13/96	12:48:21	1289	31	33
B111	D	70	8083000	2785	10/24/96	09:45:30	8083000	32	1
B111	E	71	8254000	2702	10/24/96	14:32:27	8254000	32	2
B111	F	247	2684000	2760	1/8/97	12:57:17	2013000	32	3
B105	D	70	2770000	2702	10/24/96	09:19:12	2770000	32	4
B105	E	95	2996000	2785	11/6/96	09:23:54	2996000	32	5
B105	F	175	1605000	2648	12/10/96	17:19:22	1364250	32	6
B421	D	97	717000	2785	11/6/96	15:24:33	717000	32	7
B421	E	100	800980	2718	11/7/96	15:33:11	800980	32	8
B421	F	2	400001	2657	8/27/96	12:51:20	300000	32	9
B462	D	69	359000	2785	10/23/96	14:34:02	359000	32	10
B462	E	68	371000	2702	10/23/96	09:14:07	371000	32	11
B462	F	247	628000	2721	1/8/97	12:46:35	471000	32	12
B070	D	21	1893000	2785	9/17/96	14:46:01	1893000	32	13
B070	E	72	1374000	2785	10/25/96	09:24:02	1374000	32	14

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B070	F	249	745000	2648	1/8/97	16:18:21	633250	32	15
B118	D	81	294000	2785	10/30/96	12:19:30	294000	32	16
B118	E	80	290001	2639	10/30/96	09:30:01	290001	32	17
B118	F	173	230001	2710	12/10/96	13:01:49	172500	32	18
B086	D	247	184976	2717	1/8/97	12:49:34	184976	32	19
B086	E	24	181000	2785	9/19/96	09:19:35	181000	32	20
B086	F	195	90000	2721	12/16/96	09:14:16	67500	32	21
B061	D	245	171929	2717	1/8/97	10:20:26	171929	32	22
B061	E	24	169000	2785	9/19/96	09:19:35	169000	32	23
B061	F	155	114444	2719	12/4/96	11:18:17	85833	32	24
B150	D	99	181000	2702	11/7/96	12:12:21	181000	32	25
B150	E	74	190000	2785	10/28/96	09:14:54	190000	32	26
B150	F	194	79000	2721	12/13/96	18:47:12	59250	32	27
B337	D	149	154444	2693	12/2/96	16:03:10	154444	32	28
B337	E	24	150000	2785	9/19/96	09:19:35	150000	32	29
B337	F	148	244000	2721	12/2/96	13:58:43	183000	32	30
B285	D	245	149000	2717	1/8/97	10:20:26	149000	32	31
B285	E	24	147000	2785	9/19/96	09:19:35	147000	32	32
B285	F	177	97000	2721	12/11/96	10:56:55	72750	32	33
B205	D	36	970000	2785	9/30/96	09:31:48	970000	32	34
B205	E	72	493000	2785	10/25/96	09:24:02	493000	32	35
B205	F	76	1381000	2648	10/28/96	15:26:28	1173850	32	36
B283	D	247	69619	2717	1/8/97	12:49:34	69619	32	37
B283	E	65	69000	2785	10/21/96	14:42:42	69000	32	38
B283	F	194	47000	2721	12/13/96	18:47:12	35250	32	39
B401	D	1	2679170	2717	8/26/96	12:33:01	2679170	33	1
B401	E	23	2947000	2702	9/18/96	14:36:18	2947000	33	2
B401	F	94	2250128	2760	11/5/96	15:59:00	1687596	33	3
B099	D	131	734001	2717	11/21/96	16:21:18	734001	33	4
B099	E	130	740000	2702	11/21/96	13:47:55	740000	33	5
B099	F	173	3352000	2609	12/10/96	13:03:33	2514000	33	6
B268	D	131	748001	2717	11/21/96	16:21:18	748001	33	7
B268	E	130	600000	2702	11/21/96	13:47:55	600000	33	8
B268	F	107	1107888	2611	11/13/96	09:08:30	830916	33	9
B056	D	131	414001	2717	11/21/96	16:21:18	414001	33	10
B056	E	130	257000	2702	11/21/96	13:47:55	257000	33	11
B056	F	101	342000	2771	11/8/96	09:05:57	256500	33	12
B242	D	167	590001	2717	12/9/96	11:00:18	590001	33	13
B242	E	174	1064000	2765	12/10/96	15:24:25	1064000	33	14
B242	F	219	1067888	2611	12/19/96	10:28:46	800916	33	15
B121	D	177	288057	2690	12/11/96	11:03:10	288057	33	16
B121	E	172	179000	2702	12/10/96	11:01:12	179000	33	17
B121	F	162	330000	2771	12/6/96	09:03:25	247500	33	18
B226	D	169	4782169	2737	12/9/96	15:26:40	4782169	34	1
B226	E	171	5258000	2702	12/10/96	09:02:10	5258000	34	2
B226	F	120	2430000	2700	11/19/96	09:17:49	2065500	34	3
B445	D	203	338007	2734	12/17/96	09:12:13	338007	34	4
B445	E	48	322000	2702	10/8/96	09:04:10	322000	34	5
B445	F	164	488000	2700	12/6/96	14:03:35	414800	34	6
B220	D	108	266001	2727	11/13/96	12:19:03	266001	34	7
B220	E	171	245171	2737	12/10/96	09:03:11	245171	34	8
B220	F	158	697000	2700	12/5/96	09:20:03	592450	34	9
B393	D	12	39000	2702	9/10/96	14:33:54	39000	34	10
B393	E	87	24000	2751	11/1/96	12:30:03	24000	34	11
B393	F	116	152000	2700	11/18/96	09:19:23	129200	34	12
B275	D	1	153598	2717	8/26/96	12:33:01	153598	34	13
B275	E	211	154007	2734	12/18/96	09:10:51	154007	34	14
B275	F	208	342007	2700	12/17/96	16:19:26	290705	34	15
B349	D	101	185000	2702	11/8/96	09:04:41	185000	34	16

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B349	E	102	120000	2727	11/8/96	12:23:39	120000	34	17
B349	F	251	70001	2716	1/8/97	18:47:04	52500	34	18
B247	D	90	41000	2702	11/4/96	12:12:47	41000	34	19
B247	E	165	42165	2737	12/6/96	16:04:21	42165	34	20
B247	F	169	144000	2700	12/9/96	15:22:12	122400	34	21
B414	D	14	9000	2702	9/12/96	09:19:07	9000	34	22
B414	E	1	8000	2737	8/26/96	10:59:11	8000	34	23
B414	F	174	8188	2611	12/10/96	15:30:49	6141	34	24
B129	D	215	63007	2734	12/18/96	15:06:15	63007	34	25
B129	E	121	59000	2702	11/19/96	11:17:44	59000	34	26
B129	F	214	157000	2752	12/18/96	12:49:15	117750	34	27
B060	D	172	1852000	2711	12/10/96	11:00:42	1852000	35	1
B060	E	166	0	9999	8/26/96	10:00:00	0	35	2
B060	F	173	3658000	2686	12/10/96	12:54:13	2743500	35	3
B379	D	179	701015	2760	12/12/96	09:11:59	701015	35	4
B379	E	158	532000	2702	12/5/96	09:02:25	532000	35	5
B379	F	178	1133011	2767	12/11/96	12:55:56	849758	35	6
B330	D	206	53015	2760	12/17/96	12:53:52	53015	35	7
B330	E	21	27015	2760	9/17/96	15:27:02	27015	35	8
B330	F	207	72000	2686	12/17/96	15:05:32	54000	35	9
B215	D	210	21016	2702	12/17/96	18:49:01	21016	35	10
B215	E	21	21015	2760	9/17/96	15:27:02	21015	35	11
B215	F	48	19010	2686	10/8/96	09:20:41	14257	35	12
B399	D	52	4605000	2702	10/10/96	09:02:53	4605000	36	1
B399	E	99	4276000	2718	11/7/96	12:24:32	4276000	36	2
B399	F	82	1586000	2609	10/30/96	15:38:52	1189500	36	3
B050	D	76	927000	2702	10/28/96	15:23:04	927000	36	4
B050	E	79	1062000	2718	10/29/96	15:33:01	1062000	36	5
B050	F	223	996000	2768	12/19/96	16:20:26	747000	36	6
B365	D	69	166000	2702	10/23/96	14:32:52	166000	36	7
B365	E	89	246000	2718	11/4/96	09:16:14	246000	36	8
B365	F	93	231000	2609	11/5/96	12:28:11	173250	36	9
B202	D	66	254000	2702	10/22/96	09:04:14	254000	36	10
B202	E	69	275000	2718	10/23/96	15:20:04	275000	36	11
B202	F	139	190000	2608	11/25/96	16:02:35	142500	36	12
B451	D	159	550000	2702	12/5/96	11:18:06	550000	36	13
B451	E	155	495005	2718	12/4/96	11:25:00	495005	36	14
B451	F	161	715000	2601	12/5/96	16:04:41	536250	36	15
B353	D	65	104000	2718	10/21/96	15:08:06	104000	36	16
B353	E	54	102000	2702	10/11/96	09:03:07	102000	36	17
B353	F	147	124000	2601	12/2/96	11:30:43	93000	36	18
B392	D	164	293000	2702	12/6/96	13:48:20	293000	36	19
B392	E	162	271000	2751	12/6/96	09:09:04	271000	36	20
B392	F	165	372000	2653	12/6/96	16:04:32	279000	36	21
B258	D	50	34000	2702	10/9/96	09:03:29	34000	36	22
B258	E	73	34000	2718	10/25/96	14:42:44	34000	36	23
B258	F	181	9508	2611	12/12/96	11:41:00	7131	36	24
B212	D	98	15607858	2714	11/7/96	09:16:32	15607858	37	1
B212	E	97	12969097	2737	11/6/96	15:45:30	12969097	37	2
B212	F	119	8489000	2708	11/18/96	16:07:06	8489000	37	3
B439	D	98	16005000	2714	11/7/96	09:16:32	16005000	37	4
B439	E	62	14317000	2699	10/18/96	09:07:22	14317000	37	5
B439	F	111	6411123	2690	11/14/96	12:32:34	4808342	37	6
B159	D	44	4684000	2714	10/4/96	09:28:36	4684000	37	7
B159	E	43	4159000	2699	10/3/96	14:36:49	4159000	37	8
B159	F	116	1472123	2690	11/18/96	09:07:11	1104092	37	9
B340	D	62	5054000	2699	10/18/96	09:07:22	5054000	37	10
B340	E	98	5585000	2714	11/7/96	09:16:32	5585000	37	11
B340	F	111	2554123	2690	11/14/96	12:32:34	1915592	37	12

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B454	D	44	2130000	2714	10/4/96	09:28:36	2130000	37	13
B454	E	43	2033000	2699	10/3/96	14:36:49	2033000	37	14
B454	F	72	630313	2690	10/25/96	09:18:13	472734	37	15
B467	D	44	2017000	2714	10/4/96	09:28:36	2017000	37	16
B467	E	43	1813000	2699	10/3/96	14:36:49	1813000	37	17
B467	F	96	516133	2690	11/6/96	12:18:42	387099	37	18
B058	D	75	2581000	2699	10/28/96	12:14:22	2581000	37	19
B058	E	71	2269333	2714	10/24/96	15:23:57	2269333	37	20
B058	F	100	932121	2690	11/7/96	15:28:50	699090	37	21
B095	D	27	3064000	2714	9/20/96	15:15:23	3064000	38	1
B095	E	27	2693000	2714	9/20/96	15:15:23	2693000	38	2
B095	F	70	3191011	2767	10/24/96	09:33:51	2393258	38	3
B342	D	20	168000	2714	9/17/96	09:47:42	168000	38	4
B342	E	20	203000	2714	9/17/96	09:47:42	203000	38	5
B342	F	181	90011	2693	12/12/96	11:34:34	76509	38	6
B487	D	20	168000	2714	9/17/96	09:47:42	168000	38	7
B487	E	65	185000	2714	10/21/96	15:06:25	185000	38	8
B487	F	70	73011	2767	10/24/96	09:33:51	54758	38	9
B023	D	20	101000	2714	9/17/96	09:47:42	101000	38	10
B023	E	65	86000	2714	10/21/96	15:06:25	86000	38	11
B023	F	174	48011	2767	12/10/96	15:24:53	36008	38	12
B080	D	20	97000	2714	9/17/96	09:47:42	97000	38	13
B080	E	65	85000	2714	10/21/96	15:06:25	85000	38	14
B080	F	10	25011	2767	9/9/96	13:51:16	18758	38	15
B281	D	20	92000	2714	9/17/96	09:47:42	92000	38	16
B281	E	65	82000	2714	10/21/96	15:06:25	82000	38	17
B281	F	121	37011	2767	11/19/96	11:35:30	27758	38	18
B008	D	82	2026000	2714	10/30/96	15:54:51	2026000	39	1
B008	E	76	1750000	2718	10/28/96	15:28:40	1750000	39	2
B008	F	129	1610610	2705	11/21/96	11:36:43	1207957	39	3
B128	D	57	1653000	2714	10/15/96	14:52:47	1653000	39	4
B128	E	70	1719000	2714	10/24/96	09:44:10	1719000	39	5
B128	F	130	2109000	2771	11/21/96	13:48:43	1581750	39	6
B244	D	141	397001	2714	11/26/96	11:24:33	397001	39	7
B244	E	202	674000	2711	12/16/96	18:49:24	674000	39	8
B244	F	141	184184	2705	11/26/96	11:24:44	138138	39	9
B407	D	219	561001	2714	12/19/96	10:17:01	561001	39	10
B407	E	78	370000	2718	10/29/96	12:43:47	370000	39	11
B407	F	198	710007	2705	12/16/96	12:49:11	532505	39	12
B139	D	16	236000	2714	9/13/96	09:41:00	236000	39	13
B139	E	105	293001	2751	11/12/96	12:24:05	293001	39	14
B139	F	173	354000	2715	12/10/96	12:56:08	265500	39	15
B162	D	16	177000	2714	9/13/96	09:41:00	177000	39	16
B162	E	95	172000	2718	11/6/96	09:27:59	172000	39	17
B162	F	181	99000	2705	12/12/96	11:34:45	74250	39	18
B386	D	17	44000	2714	9/13/96	14:44:14	44000	39	19
B386	E	78	50000	2718	10/29/96	12:43:47	50000	39	20
B386	F	179	197333	2671	12/12/96	09:03:22	167733	39	21
B068	D	24	141000	2714	9/19/96	09:14:01	141000	39	22
B068	E	23	128000	2675	9/18/96	15:16:10	128000	39	23
B068	F	140	107000	2675	11/26/96	09:16:30	80250	39	24
B257	D	145	596001	2717	11/27/96	11:20:29	596001	40	1
B257	E	147	641147	2737	12/2/96	11:20:38	641147	40	2
B257	F	149	927555	2656	12/2/96	16:05:44	695666	40	3
B153	D	229	339001	2717	12/20/96	12:53:58	339001	40	4
B153	E	227	312227	2737	12/20/96	10:21:49	312227	40	5
B153	F	213	451000	2692	12/18/96	11:35:47	338250	40	6
B140	D	231	321231	2737	1/6/97	10:21:34	321231	40	7
B140	E	227	266001	2717	12/20/96	10:24:53	266001	40	8

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B140	F	213	305000	2763	12/18/96	11:35:31	228750	40	9
B219	D	241	112241	2737	1/7/97	12:47:05	112241	40	10
B219	E	238	96001	2717	1/7/97	09:11:53	96001	40	11
B219	F	239	161000	2756	1/7/97	10:17:36	161000	40	12
B348	D	250	100001	2717	1/8/97	17:35:33	100001	40	13
B348	E	254	100254	2737	1/9/97	11:36:15	100254	40	14
B348	F	252	100007	2734	1/9/97	09:13:35	100007	40	15
B193	D	227	194001	2717	12/20/96	10:24:53	194001	40	16
B193	E	231	194231	2737	1/6/97	10:21:34	194231	40	17
B193	F	233	198000	2763	1/6/97	12:54:51	148500	40	18
B125	D	209	55209	2737	12/17/96	17:36:59	55209	40	19
B125	E	233	77000	2760	1/6/97	12:57:12	77000	40	20
B125	F	235	90007	2734	1/6/97	16:20:31	90007	40	21
B387	D	243	80243	2737	1/7/97	16:20:58	80243	40	22
B387	E	245	93000	2717	1/8/97	10:20:26	93000	40	23
B387	F	240	108000	2692	1/7/97	11:36:42	81000	40	24
B182	D	227	70001	2717	12/20/96	10:24:53	70001	40	25
B182	E	231	61231	2737	1/6/97	10:21:34	61231	40	26
B182	F	232	64000	2756	1/6/97	11:43:26	64000	40	27
B329	D	127	1389000	2751	11/20/96	16:19:00	1389000	41	1
B329	E	173	929000	2702	12/10/96	12:58:00	929000	41	2
B329	F	96	1310000	2700	11/6/96	12:20:09	1113500	41	3
B248	D	105	343000	2751	11/12/96	12:24:05	343000	41	4
B248	E	169	394000	2702	12/9/96	15:21:57	394000	41	5
B248	F	166	328000	2700	12/9/96	09:05:31	278800	41	6
B130	D	183	120000	2751	12/12/96	15:05:07	120000	41	7
B130	E	185	109000	2702	12/12/96	17:33:59	109000	41	8
B130	F	188	253253	2705	12/13/96	10:17:17	189939	41	9
B019	D	219	99000	2751	12/19/96	10:19:46	99000	41	10
B019	E	215	100000	2702	12/18/96	15:02:42	100000	41	11
B019	F	196	76076	2705	12/16/96	10:19:45	57057	41	12
B433	D	222	146000	2751	12/19/96	15:03:50	146000	41	13
B433	E	210	128000	2702	12/17/96	18:49:01	128000	41	14
B433	F	220	141000	2769	12/19/96	11:32:14	105750	41	15
B004	D	111	11000	2751	11/14/96	12:44:58	11000	41	16
B004	E	197	31000	2702	12/16/96	11:33:46	31000	41	17
B004	F	185	11000	2671	12/12/96	17:35:37	9350	41	18
B267	D	198	70777	2727	12/16/96	12:50:59	70777	41	19
B267	E	197	62000	2702	12/16/96	11:33:46	62000	41	20
B267	F	119	45000	2692	11/18/96	16:15:21	33750	41	21
B354	D	106	29000	2751	11/12/96	15:31:57	29000	41	22
B354	E	213	35000	2702	12/18/96	11:32:34	35000	41	23
B354	F	152	74000	2700	12/3/96	13:49:32	62900	41	24
B425	D	82	1673000	2766	10/30/96	15:37:58	1673000	42	1
B425	E	81	1694000	2702	10/30/96	12:13:05	1694000	42	2
B425	F	190	2078000	2768	12/13/96	12:55:52	1558500	42	3
B041	D	77	537000	2766	10/29/96	09:17:31	537000	42	4
B041	E	56	529320	2717	10/15/96	09:35:25	529320	42	5
B041	F	133	300000	2775	11/22/96	11:19:45	255000	42	6
B171	D	86	342000	2766	11/1/96	09:28:07	342000	42	7
B171	E	53	341000	2717	10/10/96	15:17:44	341000	42	8
B171	F	128	138000	2775	11/21/96	09:06:10	117300	42	9
B460	D	188	172300	2717	12/13/96	10:21:29	172300	42	10
B460	E	141	189454	2718	11/26/96	11:24:06	189454	42	11
B460	F	146	221000	2768	12/2/96	09:08:58	165750	42	12
B228	D	143	188001	2717	11/26/96	16:06:52	188001	42	13
B228	E	142	196000	2718	11/26/96	13:56:55	196000	42	14
B228	F	265	0	9999	8/26/96	10:00:00	0	42	15
B300	D	56	274320	2717	10/15/96	09:35:25	274320	42	16

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B300	E	77	268000	2766	10/29/96	09:17:31	268000	42	17
B300	F	164	207000	2775	12/6/96	13:52:19	175950	42	18
B250	D	77	176000	2766	10/29/96	09:17:31	176000	42	19
B250	E	83	178083	2717	10/31/96	09:08:16	178083	42	20
B250	F	112	123000	2768	11/14/96	15:35:09	92250	42	21
B064	D	178	195001	2717	12/11/96	12:55:18	195001	42	22
B064	E	177	194000	2766	12/11/96	10:58:32	194000	42	23
B064	F	179	210000	2775	12/12/96	09:04:25	178500	42	24
B053	D	150	177000	2766	12/3/96	09:08:34	177000	42	25
B053	E	148	168001	2717	12/2/96	13:54:16	168001	42	26
B053	F	144	242000	2775	11/27/96	09:07:58	205700	42	27
B224	D	165	271001	2717	12/6/96	16:09:45	271001	42	28
B224	E	164	288001	2639	12/6/96	13:51:41	288001	42	29
B224	F	116	88000	2775	11/18/96	09:05:48	74800	42	30
B188	D	71	129001	2717	10/24/96	14:53:52	129001	42	31
B188	E	77	114000	2766	10/29/96	09:17:31	114000	42	32
B188	F	166	91000	2775	12/9/96	09:05:03	77350	42	33
B314	D	52	3264101	2670	10/10/96	09:26:19	3264101	43	1
B314	E	50	3201101	2670	10/9/96	09:15:43	3201101	43	2
B314	F	64	2202099	2760	10/21/96	09:53:21	1651574	43	3
B083	D	21	202000	2670	9/17/96	14:42:10	202000	43	4
B083	E	21	178000	2670	9/17/96	14:42:10	178000	43	5
B083	F	164	154000	2746	12/6/96	13:50:39	130900	43	6
B096	D	49	1727101	2670	10/8/96	14:35:41	1727101	43	7
B096	E	47	1808101	2670	10/7/96	14:36:49	1808101	43	8
B096	F	188	215000	2746	12/13/96	10:22:33	182750	43	9
B232	D	52	13455000	2714	10/10/96	09:44:56	13455000	44	1
B232	E	51	10111101	2670	10/9/96	14:44:08	10111101	44	2
B232	F	172	5243550	2746	12/10/96	11:05:26	4457017	44	3
B229	D	17	534000	2714	9/13/96	14:44:14	534000	44	4
B229	E	17	659000	2714	9/13/96	14:44:14	659000	44	5
B229	F	100	457000	2731	11/7/96	15:42:50	388450	44	6
B295	D	51	133333	2714	10/9/96	14:57:43	133333	44	7
B295	E	59	144000	2714	10/16/96	15:10:35	144000	44	8
B295	F	2	30000	2747	8/27/96	13:02:23	22500	44	9
B332	D	116	6351000	2718	11/18/96	09:15:44	6351000	45	1
B332	E	115	6366000	2785	11/15/96	15:25:40	6366000	45	2
B332	F	168	1126111	2778	12/9/96	12:56:51	844583	45	3
B256	D	120	725000	2718	11/19/96	09:14:22	725000	45	4
B256	E	1	541651	2717	8/26/96	12:33:01	541651	45	5
B256	F	78	186666	2719	10/29/96	12:44:38	139999	45	6
B167	D	134	215100	2718	11/22/96	14:01:05	215100	45	7
B167	E	133	215001	2717	11/22/96	11:33:36	215001	45	8
B167	F	151	226010	2748	12/3/96	11:27:38	169507	45	9
B323	D	134	207005	2748	11/22/96	13:54:55	207005	45	10
B323	E	133	201001	2717	11/22/96	11:33:36	201001	45	11
B323	F	86	275000	2657	11/1/96	09:26:09	206250	45	12
B325	D	136	121293	2718	11/25/96	09:08:16	121293	45	13
B325	E	1	100311	2717	8/26/96	12:33:01	100311	45	14
B325	F	142	58000	2775	11/26/96	14:01:43	49300	45	15
B185	D	174	161001	2718	12/10/96	15:27:13	161001	45	16
B185	E	176	144001	2717	12/11/96	09:05:48	144001	45	17
B185	F	178	218750	2600	12/11/96	12:55:13	164062	45	18
B270	D	58	75000	2792	10/16/96	09:03:11	75000	45	19
B270	E	1	45773	2717	8/26/96	12:33:01	45773	45	20
B270	F	10	57000	2786	9/9/96	13:38:09	42750	45	21
B472	D	1	746868	2717	8/26/96	12:33:01	746868	46	1
B472	E	110	539007	2734	11/14/96	09:19:05	539007	46	2
B472	F	109	858015	2760	11/13/96	15:58:09	643511	46	3

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B396	D	1	179260	2717	8/26/96	12:33:01	179260	46	4
B396	E	92	71015	2760	11/5/96	09:38:37	71015	46	5
B396	F	8	43007	2734	9/5/96	13:42:25	43007	46	6
B200	D	1	156368	2717	8/26/96	12:33:01	156368	46	7
B200	E	92	64015	2760	11/5/96	09:38:37	64015	46	8
B200	F	8	39007	2734	9/5/96	13:42:25	39007	46	9
B163	D	190	58016	2698	12/13/96	12:51:52	58016	46	10
B163	E	195	72022	2698	12/16/96	09:05:59	72022	46	11
B163	F	194	79025	2676	12/13/96	18:49:47	59268	46	12
B187	D	199	57111	2698	12/16/96	15:08:21	57111	46	13
B187	E	196	57026	2698	12/16/96	10:20:11	57026	46	14
B187	F	197	92000	2676	12/16/96	11:34:41	69000	46	15
B253	D	195	54000	2736	12/16/96	09:12:29	54000	46	16
B253	E	100	31000	2751	11/7/96	15:28:59	31000	46	17
B253	F	195	53000	2736	12/16/96	09:12:29	39750	46	18
B170	D	195	22022	2698	12/16/96	09:05:59	22022	46	19
B170	E	193	18018	2698	12/13/96	17:36:43	18018	46	20
B170	F	192	22001	2676	12/13/96	16:21:22	16500	46	21
B114	D	190	26016	2698	12/13/96	12:51:52	26016	46	22
B114	E	188	30007	2698	12/13/96	10:20:58	30007	46	23
B114	F	194	38025	2676	12/13/96	18:49:47	28518	46	24
B192	D	90	3502000	2702	11/4/96	12:12:47	3502000	47	1
B192	E	89	6443000	2714	11/4/96	09:18:37	6443000	47	2
B192	F	134	6399000	2768	11/22/96	13:59:18	4799250	47	3
B190	D	49	266000	2702	10/8/96	14:33:09	266000	47	4
B190	E	48	242333	2714	10/8/96	09:42:51	242333	47	5
B190	F	74	304000	2768	10/28/96	09:22:18	228000	47	6
B222	D	60	459000	2702	10/17/96	09:03:23	459000	47	7
B222	E	62	515000	2714	10/18/96	09:12:41	515000	47	8
B222	F	63	765000	2768	10/18/96	14:41:19	573750	47	9
B254	D	82	169000	2702	10/30/96	15:22:47	169000	47	10
B254	E	56	157000	2714	10/15/96	09:13:38	157000	47	11
B254	F	113	286000	2768	11/15/96	09:17:50	214500	47	12
B448	D	82	2154082	2737	10/30/96	15:32:22	2154082	48	1
B448	E	79	1948000	2702	10/29/96	15:23:37	1948000	48	2
B448	F	202	1730001	2609	12/16/96	18:48:42	1297500	48	3
B311	D	101	464101	2737	11/8/96	09:08:31	464101	48	4
B311	E	199	534000	2702	12/16/96	15:02:12	534000	48	5
B311	F	210	473050	2672	12/17/96	18:50:16	402092	48	6
B088	D	1	79380	2717	8/26/96	12:33:01	79380	48	7
B088	E	197	37000	2702	12/16/96	11:33:46	37000	48	8
B088	F	122	19007	2734	11/19/96	14:01:25	19007	48	9
B031	D	57	91057	2737	10/15/96	14:55:16	91057	48	10
B031	E	99	99000	2702	11/7/96	12:12:21	99000	48	11
B031	F	128	51007	2734	11/21/96	09:08:19	51007	48	12
B014	D	81	2082000	2714	10/30/96	12:44:23	2082000	49	1
B014	E	110	2283001	2639	11/14/96	09:16:48	2283001	49	2
B014	F	1	350000	2641	8/26/96	11:02:15	262500	49	3
B136	D	89	449000	2714	11/4/96	09:18:37	449000	49	4
B136	E	88	400001	2639	11/1/96	15:32:02	400001	49	5
B136	F	92	49000	2771	11/5/96	09:04:45	36750	49	6
B221	D	86	407000	2714	11/1/96	09:28:26	407000	49	7
B221	E	85	340001	2639	10/31/96	15:44:23	340001	49	8
B221	F	109	160000	2771	11/13/96	15:22:36	120000	49	9
B490	D	138	165075	2728	11/25/96	13:51:02	165075	50	1
B490	E	133	153023	2759	11/22/96	11:22:37	153023	50	2
B490	F	137	171000	2631	11/25/96	11:20:22	128250	50	3
B493	D	79	155017	2728	10/29/96	15:28:35	155017	50	4
B493	E	83	191191	2759	10/31/96	09:22:27	191191	50	5

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MARKET	FREQ_	ROUND	BID_AMT	BIDDER_NUM	DATE	TIME	NET_BID_AM	SOR	SORT_COL_2
B493	F	85	244000	2631	10/31/96	15:31:03	183000	50	6
B492	D	139	25000	2702	11/25/96	16:02:36	25000	51	1
B492	E	148	30000	2702	12/2/96	13:47:38	30000	51	2
B492	F	169	55000	2601	12/9/96	15:25:37	41250	51	3

APPLICANT_	FCC_ACCO	UPFRONT_PA	TOTAL_WITH	U	UPFRONT_PM	TOTAL_NET_	INITIAL_DO	AMT_UPFRON	BALANCE_DO	SERVICE_DE
New Hampshire Wireless, a Limi	0010502131	607400	0		607400	2169200	216920	216920	-390480	Broadband PCS
GST Wireless Communications, I	0020475802	324422	0		324422	208249	41650	41650	-282773	Broadband PCS
Triad Cellular Corporation	0043160187	3000000	13000		2987000	8058001	1611600	1611600	-1375400	Broadband PCS
PCPCS Corporation	0133872306	2500000	0		2500000	816000	163200	163200	-2336800	Broadband PCS
Holland Wireless, L.L.C.	0161481860	189980	0		189980	96750	9675	9675	-180305	Broadband PCS
AT&T Wireless PCS Inc.	0223330080	90000000	333145 *		89666855	406773532	81354706	81354706	-8312149	Broadband PCS
PCS Devco, Inc.	0223398200	900000	0		900000	1558575	155858	155858	-744143	Broadband PCS
BTA Ventures II, Inc.	0223456544	575000	0		575000	437750	43775	43775	-531225	Broadband PCS
Denver and Ephrata Telephone a	0230520190	1300000	0		1300000	1536000	307200	307200	-992800	Broadband PCS
MFR I Inc.	0232759022	332078	0		332078	351500	41050	41050	-291028	Broadband PCS
Conestoga Wireless Company	0232802853	943000	0		943000	609250	104425	104425	-838575	Broadband PCS
Devon Mobile Communications, L	0251769422	5000000	0		5000000	17410257	2418326	2418326	-2581674	Broadband PCS
Cincinnati Bell Telephone	0310241390	1194271	0		1194271	9500000	1900000	1194271	705729	Broadband PCS
ComScape Telecommunications, I	0311470037	1000000	0		1000000	3255083	325508	325508	-674492	Broadband PCS
NextWave Power Partners Inc.	0330717548	30000000	0		30000000	128971750	13475375	13475375	-16524625	Broadband PCS
ALLTEL Mobile Communications,	0341382732	20000000	1754360		18245640	144771391	28954278	18245640	10708638	Broadband PCS
Telephone Service Company	0344371860	150000	0		150000	145572	14557	14557	-135443	Broadband PCS
Communications Venture PCS LP	0351957522	516550	37755 *		478795	335461	33546	33546	-445249	Broadband PCS
Polycell Communications, Inc.	0364006666	650000	0		650000	384338	38434	38434	-611566	Broadband PCS
BRK Wireless Company, Inc.	0364023892	750000	0		750000	2359500	235950	235950	-514050	Broadband PCS
Consolidated Communications In	0371167809	615000	0		615000	77000	15400	15400	-599600	Broadband PCS
Message Express Company	0383240326	348000	0		348000	1664614	332923	332923	-15077	Broadband PCS
Alpine PCS, Inc.	0383260116	2000000	36000		1964000	8492500	885050	885050	-1078950	Broadband PCS
Wisconsin RSA #7 Limited Partn	0391647790	120744	0		120744	363000	72600	72600	-48144	Broadband PCS
Airadigm Communications, Inc.	0391821734	450000	0		450000	419250	41925	41925	-408075	Broadband PCS
Americall International, LLC	0391826095	1000000	0		1000000	2347500	234750	234750	-765250	Broadband PCS
McLeod, Inc.	0421407240	4800000	0		4800000	32775000	6555000	4800000	1755000	Broadband PCS
Iowa L.P. 136	0421442105	500000	0		500000	3171350	317135	317135	-182865	Broadband PCS
Roberts-Roberts & Associates,	0431479874	467500	0		467500	95250	9525	9525	-457975	Broadband PCS
Consolidated Telephone Coopera	0450274821	68402	0		68402	180750	35175	35175	-33227	Broadband PCS
Cambridge Telephone Company	0470118640	21971	0		21971	75000	15000	15000	-6971	Broadband PCS
Northeast Nebraska Telephone C	0470418455	389497	0		389497	1056750	105675	105675	-283822	Broadband PCS
Tracy Corporation II	0470640255	100000	0		100000	135834	13583	13583	-86417	Broadband PCS
Pioneer Telephone Association,	0480568142	555000	0		555000	340238	68048	68048	-486952	Broadband PCS
Urban Communicators PCS Limite	0521882659	2500000	0		2500000	11681250	1168125	1168125	-1331875	Broadband PCS
Cellutech	0521987282	47000	791		46209	247500	24750	24750	-21459	Broadband PCS
Shenandoah Mobile Company	0541304466	1100000	0		1100000	733000	146600	146600	-953400	Broadband PCS
Telecorp Holding Corp., Inc.	0541812945	7500000	4717		7495283	29714174	2971417	2971417	-4523866	Broadband PCS
Wireless Telecom, Inc.	0581650960	201837	0		201837	656232	65623	65623	-136214	Broadband PCS
BellSouth Wireless, Inc.	0582078460	52003744	0		52003744	205144775	41028955	41028955	-10974789	Broadband PCS
Public Service PCS, Inc.	0582177496	530800	0		530800	3510994	357599	357599	-173200	Broadband PCS
MCG PCS, Inc.	0593048204	350000	35580		314420	405010	40501	40501	-273919	Broadband PCS
RLV-PCS I Partnership	0593280493	250000	13914		236086	275161	42961	42961	-193126	Broadband PCS
Third Kentucky Cellular Corpor	0611286216	300000	0		300000	66750	6675	6675	-293325	Broadband PCS
Eldorado Communications, L.L.C	0621602489	850000	0		850000	2713350	271335	271335	-578665	Broadband PCS
Powertel, Inc.	0631131993	10386709	1164101		9222608	31250616	6250123	6250123	-2972485	Broadband PCS
Bay Springs Telephone Company,	0640318480	1049754	0		1049754	6405000	1281000	1049754	231246	Broadband PCS
PCSouth, Inc.	0640748803	3000000	40363		2959637	8240000	894200	894200	-2065437	Broadband PCS
Pinnacle Telecom, L.P. of Jack	0640861497	524877	0		524877	237000	23700	23700	-501177	Broadband PCS
Puerto Rico Telephone Company	0660177812	4348615	0		4348615	49141000	9828200	4348615	5479585	Broadband PCS
Vitelcom, Inc.	0660443998	122400	0		122400	953000	190600	122400	68200	Broadband PCS
West Coast PCS LLC	0680366489	9000000	15883		8984117	8982000	1796400	1796400	-7187717	Broadband PCS
SJI, Inc.	0720929957	2000000	0		2000000	1247000	249400	249400	-1750600	Broadband PCS
Mercury Mobility, L. L. C.	0721279495	4000000	15006		3984994	9471154	1056518	1056518	-2928476	Broadband PCS
Radiofone PCS, L.L.C.	0721299534	3000000	63000		2937000	5686000	906700	906700	-2030300	Broadband PCS
Panhandle Telecommunication Sy	0731182440	100000	0		100000	93750	14775	14775	-85225	Broadband PCS
MBO Wireless, Inc.	0731474102	266881	0		266881	402092	40209	40209	-226671	Broadband PCS
DCC PCS, Inc.	0731474599	2600000	2243		2597757	5070255	507026	507026	-2090732	Broadband PCS
Global Information Technologie	0742423254	150000	0		150000	173286	17329	17329	-132671	Broadband PCS

APPLICANT_	FCC_ACCO	UPFRONT_PA	TOTAL_WITH	UUPFRONT_PM	TOTAL_NET_	INITIAL_DO	AMT_UPFRON	BALANCE_DO	SERVICE_DE
Southwestern Bell Mobile Syste	0751905705	4857284	0	4857284	4195888	839178	839178	-4018106	Broadband PCS
High Plains Wireless L.P.	0752599805	1392000	217005	1174995	4030003	619700	619700	-555295	Broadband PCS
Poka Lambro PCS, Inc.	0752653734	1800000	0	1800000	4393961	439396	439396	-1360604	Broadband PCS
Touch America, Inc.	0810424592	4387454	0	4387454	4638000	927600	927600	-3459854	Broadband PCS
Silver Star Telephone Company,	0830175366	34189	0	34189	49500	4950	4950	-29239	Broadband PCS
RT Communications, Inc.	0830305926	430400	0	430400	1334500	223550	223550	-206850	Broadband PCS
U S WEST Communications, Inc.	0840273800	18600000	15019	18584981	57085100	11417020	11417020	-7167961	Broadband PCS
PVT Wireless Limited Partnersh	0850419134	87489	0	87489	208250	33625	33625	-53864	Broadband PCS
South Central Utah Telephone A	0870224302	49958	0	49958	279000	27900	27900	-22058	Broadband PCS
Whidbey Telephone Company	0910471290	368000	0	368000	625750	98675	98675	-269325	Broadband PCS
MVI Corp.	0911275998	3056262	0	3056262	8768526	1753705	1753705	-1302557	Broadband PCS
Western PCS BTA I Corporation	0911686827	25000000	1078602 *	23921398	80862731	16172546	16172546	-7748852	Broadband PCS
Central Oregon Cellular, Inc.	0931125044	1800000	0	1800000	12139019	1281579	1281579	-518421	Broadband PCS
Sea Breeze Partners, L.P.	0954485576	257000	20992	236008	77250	7725	7725	-228283	Broadband PCS
Point Enterprises, Inc.	0954529294	868000	0	868000	2634000	263400	263400	-604600	Broadband PCS
Integrated Communications Grou	0954538888	725000	0	725000	1888668	188867	188867	-536133	Broadband PCS
IT&E Overseas, Inc.	0980056319	105600	0	105600	320092	64018	64018	-41582	Broadband PCS
CM-PCS Partners	2018901440	750000	0	750000	1008368	104948	104948	-645052	Broadband PCS
SprintCom, Inc.	2028287449	84000000	320997	83679003	544200663	108840133	83679003	25161130	Broadband PCS
Leong, Harvey	2032269826	68000	0	68000	108000	21600	21600	-46400	Broadband PCS
Rivgam Communicators, L.L.C.	2036293333	21661000	306098	21354902	84862435	16972487	16972487	-4382415	Broadband PCS
Montana PCS Alliance, A Montan	2105982758	812304	0	812304	1249500	124950	124950	-687354	Broadband PCS
Elitel, Inc.	2107235581	91729	0	91729	1064000	212800	212800	121071	Broadband PCS
Comcast PCS Communications, In	2156651700	11000000	43985	10956015	17484726	3496945	3496945	-7459070	Broadband PCS
Cook Inlet Western Wireless PV	3034437471	5000000	14250	4985750	50510250	5051025	4985750	65275	Broadband PCS
WebTel Wireless, Inc.	3037639771	180100	0	180100	284250	28425	28425	-151675	Broadband PCS
Valley Wireless, L.P.	3078832411	114180	0	114180	142500	14250	14250	-99930	Broadband PCS
Wireless II, L.L.C.	3083674151	200000	0	200000	376512	58352	58352	-141648	Broadband PCS
Technicom, L.L.C.	3345759069	400000	0	400000	1469625	146963	146963	-253038	Broadband PCS
Magnacom Wireless, L.L.C.	3606042835	2970000	0	2970000	13871250	1387125	1387125	-1582875	Broadband PCS
ACC-PCS, Inc.	4014581901	3000000	242100	2757900	9742000	1948400	1948400	-809500	Broadband PCS
OnQue Communications, Inc	4058439966	350000	0	350000	521250	52125	52125	-297875	Broadband PCS
Entertainment Unlimited, Inc.	4083950562	1000000	120460 *	879540	5862000	1086600	879540	207060	Broadband PCS
PCS One, L.L.C.	4147399800	239557	0	239557	281625	28163	28163	-211395	Broadband PCS
Redwood Wireless Corpration	5076418000	850000	0	850000	1311000	131100	131100	-718900	Broadband PCS
North Dakota PCS Alliance, A J	5123380473	123134	0	123134	129000	21900	21900	-101234	Broadband PCS
Northcoast Operating Co., Inc.	5163935806	30800000	16	30799984	117569992	12220205	12220205	-18579779	Broadband PCS
Virginia PCS Alliance Consorti	5409463505	1875347	0	1875347	3658700	530970	530970	-1344377	Broadband PCS
Virginia PCS Alliance Consorti	5409463520	1083519	0	1083519	1251000	250200	250200	-833319	Broadband PCS
Westel, L.P.	5417832058	915000	49167	865833	1628250	162825	162825	-703008	Broadband PCS
Mercury PCS II, LLC	6013622200	5000000	0	5000000	35726668	3624485	3624485	-1375515	Broadband PCS
Pine Belt PCS Partnership	6015499138	144623	0	144623	194250	19425	19425	-125198	Broadband PCS
PCS Wisconsin, LLC	6088364210	360000	7126	352874	3247850	324785	324785	-28089	Broadband PCS
Lite-Wave Communications, L.L.	6096282132	1800000	0	1800000	790750	86675	86675	-1713325	Broadband PCS
Pegasus PCS Partners, L.P.	6103411802	811000	0	811000	3020050	302005	302005	-508995	Broadband PCS
Minnesota PCS Limited Partners	6122304198	1139000	0	1139000	3009583	319158	319158	-819842	Broadband PCS
Wireless Communications Ventur	6122508255	292666	0	292666	1367250	136725	136725	-155941	Broadband PCS
Tennessee L.P. 121	6156684132	928153	0	928153	4770667	477067	477067	-451087	Broadband PCS
Guam Telephone Authority	6716461427	211200	0	211200	344214	68843	68843	-142357	Broadband PCS
North Dakota Network Co.	7018585231	500000	0	500000	854550	121355	121355	-378645	Broadband PCS
OPCSE-Galloway Consortium	7035227873	60000000	1064	59998936	181387337	28849455	28849455	-31149481	Broadband PCS
21st Century Bidding Corp.	7146480401	2000000	0	2000000	5649930	676180	676180	-1323820	Broadband PCS
Metro Southwest PCS, LLP	7153657777	600000	0	600000	1526838	152684	152684	-447316	Broadband PCS
Mid-Maine Wireless	7162323270	323121	0	323121	231005	46201	46201	-276920	Broadband PCS
AirGate Wireless, L.L.C.	7703949453	1975000	0	1975000	14681333	1468133	1468133	-506867	Broadband PCS
Vtel Wireless, Inc.	8028857000	1050000	22000	1028000	6829500	701850	701850	-326150	Broadband PCS
Southern Wireless, L.P.	8036861248	800000	0	800000	8489000	848900	800000	48900	Broadband PCS
Central Wireless Partnership	8186374770	2500000	0	2500000	9680931	968093	968093	-1531907	Broadband PCS
PacifiCom - Alaska, LLC	9017633333	2350000	0	2350000	262500	26250	26250	-208750	Broadband PCS

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APPLICANT_	FCC_ACCO	UPFRONT_PA	TOTAL_WITH	U	UPFRONT_PM	TOTAL_NET_	INITIAL_DO	AMT_UPFRON	BALANCE_DO	SERVICE_DE
Century Personal Access Networ	9037923499	2400000	0		2400000	4687200	937440	937440	-1462560	Broadband PCS
Longstreet Communication Inter	9088349792	192000	0		192000	311250	31125	31125	-160875	Broadband PCS
The Phoenix Wireless Group, In	9123826951	381000	0		381000	459009	45901	45901	-335099	Broadband PCS
Troup EMC Communications, Inc.	9125987223	595000	0		595000	297502	29750	29750	-565250	Broadband PCS
Delaware PCS Limited Partnersh	9145863311	95000	0		95000	85500	8550	8550	-86450	Broadband PCS
Aer Force Communications B, L.	9149216300	12000000	0		12000000	18957720	1895772	1895772	-10104228	Broadband PCS
Wireless One Technologies, Inc	9414891600	378931	0		378931	5017500	501750	378931	122819	Broadband PCS

INSTRUCTIONS FOR COMPLETING FCC FORM 600

FCC Form 600: General Requirements

In completing the FCC Form 600—either electronically or manually—applicants are encouraged to use the format below in submitting the information required by our rules as exhibits. Although the suggested organizational approach is discretionary, submission of the materials in the manner described below should expedite the processing of the FCC Form 600.

Applicants bear full responsibility for submission of timely and complete FCC Form 600 applications. Applicants should read the instructions on the FCC Form 600 carefully and should consult the rules to ensure that, aside from the materials described below, all the information that is required under our rules is included with their FCC Form 600. **Incomplete or defective applications may be returned to the applicant.** See 47 C.F.R. § 24.820. Each applicant is responsible for the continuing accuracy and completeness of information furnished in a pending application. See 47 C.F.R. § 1.65.

An applicant that fails to submit the required FCC Form 600 application by January 30, 1997, and fails to establish good cause for any late-filed submissions, shall be deemed to have defaulted and will be subject to the default payments set forth in Sections 1.2104 and 24.704 of the Commission's rules.

Frivolous Pleadings

Pursuant to 47 C.F.R. § 1.52, the Commission reminds parties to our proceedings and their attorneys that the Commission intends to fully utilize its authority to discourage and deter the filing of frivolous pleadings. See *Public Notice*, "Commission Taking Tough Measures Against Frivolous Pleadings," FCC 96-42 (rel. Feb. 9, 1996).

Organization of Application and Exhibits

Main Form and Schedule A

The FCC Form 600 Main Form should be completed in its entirety. However, filers need to complete only Items A1, A2, A3 and A5 on Schedule A of the FCC Form 600, as follows:

- Complete Item A1 ("Purpose of Filing") by entering "A" to request an initial authorization for a new system or station.
- Complete Item A2 ("Market Designator") with the BTA number of the market.

- Complete Item A3 ("Channel Block") with the letter "D," "E" or "F" for the D, E or F block.
- Item A5 ("Market Name") should be the market name (for electronic filers, Item A5 will be filled in automatically after Item A2 is completed). **EXAMPLE:** An applicant for the Milwaukee BTA would insert "B297" into Item A2 and "Milwaukee, WI" into Item A5.
- Applicants should ignore Items A4 ("Sub-Market Designator") and A6 through A12 ("Control Points" information).

Main Form-Related Exhibits

Any exhibits to be attached to an application in response to a question on the FCC Form 600 Main Form or on Schedule A should be identified as specified in the instructions to the FCC Form 600. Please attach those exhibits immediately behind the FCC Form 600 and the Schedule A. **Electronic filers** should use the attachment icons provided within the electronic filing software to submit these attachments. Where a question on the FCC Form 600 requires the filing of an exhibit, electronic filers should use the attachment icons provided next to the question responses.

Rule-Related Exhibits

Any exhibits to be attached to an application as a result of our rule requirements should follow any FCC Form 600 Main Form or Schedule A exhibits. Please order and identify these exhibits as follows:

Ownership Exhibit A: Direct Owners		DEF	Required
Ownership Exhibit B: Indirect Owners		DEF	Required
Ownership Exhibit C: Ownership		DEF	Required
Exhibit D: Eligibility	F		Required
Exhibit E: Designated Entities		F	If Applicable
Exhibit F: Auction Agreements		DEF	If Applicable
Exhibit G: Confidentiality Requests	DEF		If Applicable
Exhibit H: Agreements & Other Instruments		DEF	If Applicable
Exhibit I: Market Designator		DEF	If Applicable

(Electronic Filers Only)

As specified in the instructions to the FCC Form 600, each page of each exhibit must be identified with the number or letter of the exhibit, the number of the page of the exhibit, and the total number of pages of the exhibit. **Electronic filers** should use the "Attachments" tab for each of these exhibits. There should be a separate attachment file for each electronically-submitted

exhibit. That is, electronic filers should label each ownership and eligibility exhibit (as described below) and upload it into the "Attachments" tab as a separate ASCII text (.TXT) file.

I. Applicant Identity and Ownership Information (D, E and F Block Applications)

Background

Section 24.813 of the Commission's rules, 47 C.F.R. § 24.813, requires each applicant to make full and complete disclosure with regard to the real party or parties in interest and as to all matters required to be disclosed by the application form. Section 24.813 of the Commission's rules also requires the disclosure of information concerning interests of five percent or more held in businesses by an officer, director, attributable stockholder or key management personnel of the applicant. Applicants should be aware that the Commission amended its rules to (1) exempt from attribution certain insulated limited partnership interests held by institutional investors; and (2) increase from five to ten percent the level at which institutional investors' PCS license ownership interests will be attributed. *See Memorandum Opinion and Order*, GN Docket No. 90-314, 10 FCC Rcd 7893 (1995). Additionally, Section 24.813(a)(2) was modified to provide that only institutional investors holding interests of ten percent or more in the applicant have to disclose their holdings in the applicant. *See* 47 C.F.R. § 24.813(a)(2).

Also, in a separate *Order* released May 8, 1996, the Wireless Telecommunications Bureau waived the existing Section 24.813(a) disclosure requirements with respect to outside interests held by applicants or investors in businesses that are *not* land mobile services regulated as Commercial Mobile Radio Service (CMRS) and Private Mobile Radio Service (PMRS). *See Order*, Waiver of Certain Provision of Sections 24.720 and 24.813 of the Commission's Rules, DA 96-705 (rel. May 8, 1996). *See also* 47 C.F.R. § 20.3 (defining CMRS and PMRS); *Second Report and Order*, GN Docket No. 93-252, 9 FCC Rcd 1411 (1994), and *erratum*, Mimeo No. 92486 (rel. March 30, 1994).

Applicants should attach the information, certified as truthful, that is required pursuant to Section 24.813(a)(1)-(4) of the Commission's Rules, 47 C.F.R. § 24.813(a)(1)-(4), concerning the identity of the applicant (*i.e.*, real party- or parties-in-interest) and ownership interests held in the applicant and in investors in the applicant. Please clearly label additional pages to indicate the Exhibit and Item number (*see* below) to which those pages relate. Electronic filers should complete the "ownership worksheet" provided with the electronic filing software to accurately describe key information about direct and indirect ownership.

Ownership Exhibit A: Direct Owners

First, attach and label as "**Exhibit A: Direct Ownership**" a document or series of documents that identifies all persons or entities that *directly* hold a five percent or more interest in the applicant (except that institutional investors only need to be listed when their *direct* interest in

the applicant is 10 percent or more). For each five (or ten) percent interest holder listed, applicants should provide the following information:

Item (1) Name and address: Identify the name and address of the interest holder. If the interest holder is an individual, provide the name and address of that person, and indicate whether the interest holder is a partner, officer, director, or key manager (e.g., CEO, General Manager) of the applicant. If the interest holder is a corporation, provide the name and address of the corporate office and the name and title of an officer, director or authorized contact. If the interest holder is a partnership, provide the name and address of all partners, or the name, title and address of an authorized contact for the partnership.

Item (2) Principal Business: Describe the interest holder's principal business. In particular, indicate whether its principal business gives rise to attributable interests in cellular, PCS or Specialized Mobile Radio licenses.

Item (3) Relationship to Other Interest Holder: Indicate whether the interest holder is related to any other five percent interest holder by blood or marriage, and provide the name of the related interest holder.

Item (4) Percentage Held: Specify the percentage interest held in the applicant based on any combined holdings.

Item (5) Amount Held: Specify the amount held (e.g., number of shares of stock) for each type of interest specified.

Item (6) Type of Interest Held: Indicate whether the interest held is in the form of stocks, bonds, warrants, partnership, etc. If interests are held in stock, specify the class of stock and any voting rights associated with the stock. If the interests are held in a partnership, indicate whether the interests are limited or general partnership interests.

Item (7) Held on Behalf of: If an interest is held in trust, or on behalf of another person or entity, identify the party for whom the interest is held.

Item (8) Outside Interests: List any *outside* business interests of five percent or more held by the interest holder if such interests are held in land mobile radio service providers (i.e., CMRS or PMRS providers). For any CMRS or PMRS businesses listed, describe their business relationship, if any, to the applicant. Institutional investors holding *direct* interests of 10 percent or more in the applicant must report outside interests of five percent or more in land mobile service providers.

Item (9) Citizenship: Indicate whether the interest holder is a U.S. citizen or U.S. corporation. If the interest holder is a partnership, indicate whether each partner is a U.S. citizen. If the interest holder is not a U.S. citizen, indicate the holder's citizenship. Applicants should list all foreign

partners regardless of whether they are general or limited partners, except that applicants need not list a limited partner: (1) whose level of ownership in the licensee does not exceed the level allowed by Section 310(b) of the Communications Act of 1934, as amended; and (2) who is "insulated" from the management and control of the partnership. *See Wilner and Scheiner*, 103 FCC 2d 511 (1985), *recon. granted in part*, 1 FCC Rcd 12 (1986); Implementation of Sections 3(n) and 332 of the Communications Act - Regulatory Treatment of Mobile Services, GN Docket No. 93-252, *First Report and Order*, 9 FCC Rcd 1056 (1994) at ¶ 9 and n.13; *see also* Amendment of the Commission's Rules to Implement Section 403(k) of the Telecommunications Act of 1996 - Citizenship Requirements, *Order*, 11 FCC Rcd 13072, ¶ 7 (1996). Also, if an interest holder is an alien, check your response to Items 29-33 on the main FCC Form 600. The level of alien ownership in an applicant can trigger the need to attach a separate exhibit explaining the nature and extent of alien or foreign ownership. *See* 47 U.S.C. § 310(b)(3)-(4). If such an exhibit is needed, attach as part of the FCC Form 600 Main Form exhibits, and as indicated in the instructions to the FCC Form 600.

Ownership Exhibit B: Indirect Owners

Second, attach and label as "**Exhibit B: Indirect Ownership**" a document or series of documents that identifies all persons or entities that **indirectly** hold a five percent or more interest in the applicant (the threshold is 10 percent for institutional investors). For each person or entity listed, provide the same information listed in *Items (1)-(9)* above as is requested for *direct* interests, including a list of business interests in other CMRS or PMRS providers as specified in *Item (9)*. In addition, create a new *Item (10)* category as explained below:

Item (10) Intervening Interests. Indirect interests can also be held through intervening corporations and other entities. For each indirect interest holder, specify the intervening corporations or other entities from which the indirect five-percent interest (or 10-percent if an institutional investor) in the applicant is derived.

In calculating the percentage of *indirect* ownership in *Item (4)*, **be sure to use a multiplier.** *See Further Order on Reconsideration*, GN Docket No. 90-314, 9 FCC Rcd 4441 (1994), *as modified in Memorandum Opinion and Order*, GN Docket No. 90-314, 10 FCC Rcd 7893 (1995). *See also* 47 C.F.R. § 20.6(d)(8).

Note that under the *Report and Order*, 11 FCC Rcd 7890, ¶ 139, the Commission modified its rules to limit the information disclosure requirements with respect to outside ownership interests of applicants' attributable stockholders. We require the disclosure of only attributable stockholders' **direct**, attributable ownership in other businesses holding or applying for CMRS or PMRS licenses. We also amended Section 24.813(a)(4) to delete the requirement that partnerships file a signed and dated copy of their partnership agreement with their FCC Forms 175 and 600 applications. Therefore, applicants do not need to file copies of partnership agreements.

Ownership Exhibit C: Ownership

Third, attach and label as "**Exhibit C: Ownership**" a list of partners, officers, directors and key management personnel of the applicant if not otherwise listed on Ownership Exhibit A. In addition, list *outside* business interests of five percent or more held by each officer, director, or key management person if such business interests are held in land mobile service providers (i.e., CMRS or PMRS providers). If any CMRS or PMRS businesses are listed, describe their business relationship, if any, to the applicant.

II. Applicant Eligibility (F Block Only)

Background

Section 24.709 of the Commission's rules requires each applicant to demonstrate that it is eligible to participate as a qualified entrepreneur in the F block auction, either because it qualifies under the general rule set forth in 47 C.F.R. § 24.709(a) or because it qualifies under an exception set forth in 47 C.F.R. § 24.709(b). Applicants for D and E block licenses do not need to submit Exhibit E.

Exhibit D: Eligibility

If applying for an F block license, attach and label as "**Exhibit E: Eligibility**" a document or series of documents that certifies as truthful the gross revenues and total assets of the applicant, its affiliates, persons or entities that hold attributable interests in the applicant and their affiliates, as specified in 47 C.F.R. § 24.709(a). Identify the applicant's claimed eligibility status and provide the requisite information demonstrating such status as indicated in the following instructions.

Eligibility Under the General Rule

If applicants claimed to satisfy *eligibility under the general rule* pursuant to 47 C.F.R. § 24.709(a) as entrepreneurs, they must submit the following information:

Item (1) Identity of all affiliates: Identify the name of all affiliates of the applicant. An individual or entity is an affiliate of an applicant or of a person holding an attributable interest in an applicant if such individual or entity: (1) directly or indirectly controls or has power to control the applicant, or (2) is directly or indirectly controlled by the applicant, or (3) is directly or indirectly controlled by a third party or parties that also controls or has the power to control the applicant, or (4) has an "identity in interest" with the applicant, e.g., spouse, kinship, stock ownership. *See* 47 C.F.R. § 24.720(1).

Item (2) Gross revenues and total assets: All applicants claiming status as entrepreneurs must submit gross revenue and total assets information.

Applicants claiming status under the general rule as an entrepreneur must disclose separately and in the aggregate in Exhibit D whether the applicant, together with its affiliates and persons or entities that hold attributable interests in the applicant and their affiliates, have gross revenues of less than \$125 million in each of the last two calendar or fiscal years, and total assets of less than or equal to \$500 million at the time of the filing of the applicant's short-form application (FCC Form 175). *See Report and Order*, 11 FCC Rcd at 7891, ¶ 141. Next, list the name(s) of all individuals and entities listed in Ownership Exhibits A and B and those entities' respective gross revenues for the preceding two years and total assets as of August 1, 1996, the filing deadline for the applicant's FCC Form 175. Therefore, for each applicant, affiliate, and investor with attributable interests, there should be a total of three figures: gross revenues for each of the two previous years and total assets as of August 1, 1996.

Each applicant that does not otherwise use audited financial statements must provide a certification from its chief financial officer that the gross revenue and asset figures indicated in its FCC Forms 175 and 600 applications are true, full, and accurate, and that the applicant does not have the audited financial statements that are otherwise required under our rules. *See* 47 C.F.R. §§ 24.720(f) and 24.720(g) of our rules; *see also Report and Order*, 11 FCC Rcd at 7891, ¶ 140.

Eligibility Under an Exception to the General Rule: Control Group Structures, Publicly-Traded Corporations, and Small Business Consortia

If applicants claimed to satisfy *eligibility under an exception to the general rule* pursuant to 47 C.F.R. § 24.709(b) as a control group structure, publicly-traded corporation, or small business consortium, they must submit the following information:

Control Group Structure

If applicants applied as a *control group structure*, they must submit the following general information:

Item (1) Identity of all affiliates: Identify the name of all affiliates of the applicant. An individual or entity is an affiliate of an applicant or of a person holding an attributable interest in an applicant if such individual or entity: (1) directly or indirectly controls or has power to control the applicant, or (2) is directly or indirectly controlled by the applicant, or (3) is directly or indirectly controlled by a third party or parties that also controls or has the power to control the applicant, or (4) has an "identity in interest" with the applicant, *e.g.*, spouse, kinship, stock ownership. *See* 47 C.F.R. § 24.720(1).

Item (2) Identity and Status of Control Group: Identify each member of the applicant's control group, regardless of the size of each member's total interest in the applicant, and the percentage and type of interest held. In addition, identify each control group member that is an institutional investor, an existing investor, and or a member of the applicant's management. *See* 47 C.F.R. § 24.709(c)(1)(ii)(A) and (C); 47 C.F.R. § 24.720.

Item (3) Gross revenues: Compute and indicate gross revenues and total assets as per instructions outlined in *Item (2)* of "Eligibility Under the General Rule" (above). However, the gross revenues and total assets of a person or entity that holds an interest in the applicant (or licensee), and its affiliates, shall not be considered.

Item (4) Certification: Submit a certification that the applicant's sole control group member is a pre-existing entity if the applicant is making that election pursuant to 47 C.F.R. § 24.709(b)(6)(ii). *See also* 47 C.F.R. § 24.720(o).

Publicly Traded Corporation

If applicants applied as a *publicly traded corporation with widely dispersed voting power*, they must submit the following information:

Item (1) Certified statement: Submit a certified statement that such applicant is a business entity organized under the laws of the United States: (1) whose shares, debt, or other ownership interests are traded on an organized securities exchange within the United States, (2) in which no person owns more than 15 percent of the equity, or possesses directly or indirectly, through the ownership of voting securities, by contract or otherwise, the power to control the election of more than 15 percent of the members of the board of directors or other governing body of such publicly traded corporation, and (3) over which no person other than the management and members of the board of directors or other governing body of such publicly traded corporation, in their capacities as such, has *de facto* control. *See* 47 C.F.R. § 24.720(m); 47 C.F.R. § 24.709(c)(1)(i)(A). *Person* shall be defined as in section 13(d) of the Securities and Exchange Act of 1934, as amended (15 U.S.C. 78(m)), and shall also include investors that are commonly controlled under the indicia of control set forth in the definition of *affiliate* pursuant to Section 24.720(l) of the Commission's rules.

Item (2) Identity of all affiliates: Identify the name of all affiliates of the applicant. An individual or entity is an affiliate of an applicant or of a person holding an attributable interest in an applicant if such individual or entity: (1) directly or indirectly controls or has power to control the applicant, or (2) is directly or indirectly controlled by the applicant, or (3) is directly or indirectly controlled by a third party or parties that also controls or has the power to control the applicant, or (4) has an "identity in interest" with the applicant, *e.g.*, spouse, kinship, stock ownership. *See* 47 C.F.R. § 24.720(l).

Item (3) Gross revenues: Compute and indicate gross revenues and total assets as per our instructions outlined in *Item (2)* of "Eligibility Under the General Rule" (above). However, the gross revenues and total assets of a person or entity that holds a nonattributable interest in the applicant (or licensee), and its affiliates, shall not be considered.

Small Business Consortia

For those applicants that applied as *small business consortia* as defined in 47 C.F.R. § 24.720(b)(3), the following information must be submitted for **each** small business:

Item (1) Identity of all affiliates: Identify the names of all affiliates of the applicant. An individual or entity is an affiliate of an applicant or of a person holding an attributable interest in an applicant if such individual or entity: (1) directly or indirectly controls or has power to control the applicant, or (2) is directly or indirectly controlled by the applicant, or (3) is directly or indirectly controlled by a third party or parties that also controls or has the power to control the applicant, or (4) has an "identity in interest" with the applicant, *e.g.*, spouse, kinship, stock ownership. *See* 47 C.F.R. § 24.720(l).

Item (2) Identity and status of control group: Identify each member of the applicant's control group, regardless of the size of each member's total interest in the applicant, and the percentage and type of interest held. In addition, identify each control group member that is an institutional investor, an existing investor, and or a member of the applicant's management. *See* 47 C.F.R. § 24.709(c)(1)(ii)(A) and (C); 47 C.F.R. § 24.720(k).

Item (3) Gross revenues: Compute and indicate gross revenues and total assets as per our instructions outlined in *Item (2)* of "Eligibility Under the General Rule" (above). However, for applicants who applied as small business consortia, the gross revenues and total assets of each small business shall not be aggregated. That is, each small business entity comprising the small business consortia must qualify and show gross revenues and total assets separately. *See* 47 C.F.R. § 24.709(b)(1).

Item (4) Certification: Submit a certification that the applicant's sole control group member is a pre-existing entity if the applicant is making that election pursuant to Sections 47 C.F.R. § 24.709(b)(5)(ii) or (b)(6)(ii). *See also* 47 C.F.R. § 24.720.

III. Designated Entities Information

Eligible applicants who qualify as a small business, a very small business or rural telephone company as specified in 47 C.F.R. § 24.720(b) and (e) are required to make the following submissions.

Exhibit E: Designated Entities (Small Businesses, Very Small Businesses and Rural Telephone Companies)

Applicants should attach and label as "**Exhibit E: Designated Entities**" information, certified as truthful, concerning the applicant's status as a small business, very small business or rural telephone company required pursuant to 47 C.F.R. § 24.709.

Small Business

Applicants claiming status as a small business must compute gross revenues in accordance with 47 C.F.R. § 24.720(b)(1) to demonstrate status as a small business under our rules. A small business is an entity that, together with its affiliates and persons or entities that hold interests in such entity and their affiliates, has average annual gross revenues that are not more than \$40 million for the preceding three years. Gross revenues for each year should be separately identified and followed by the computed average total gross revenues over those years. For purposes of determining whether an entity meets \$40 million average annual gross revenues size, the gross revenues of the entity, its affiliates, persons or entities holding interests in the entity and their affiliates shall be considered on a cumulative basis and aggregated, subject to the exception set forth in Section 24.709(b). The status of the applicant as a minority-owned or women-owned business also is requested, but for statistical purposes only.

Very Small Businesses

Applicants claiming status as a very small business must compute gross revenues in accordance with 47 C.F.R. § 24.720(b)(2) to demonstrate status as a very small business under our rules. A very small business is an entity that, together with its affiliates and persons or entities that hold interests in such entity and their affiliates, has average annual gross revenues that are not more than **\$15 million** for the preceding three years. Gross revenues for each year should be separately identified and followed by the computed average total gross revenues over those years. For purposes of determining whether an entity meets **\$15 million** average annual gross revenues size, the gross revenues of the entity, its affiliates, persons or entities holding interests in the entity and their affiliates shall be considered on a cumulative basis and aggregated, subject to the exception set forth in Section 24.709(b). The status of the applicant as a minority-owned or women-owned business also is requested, but for statistical purposes only.

Rural Telephone Company

Applicants claiming status as a rural telephone company must certify that they meet the definition set forth in 47 C.F.R. § 24.720(e). We note that in the *Report and Order*, we modified the definition of a rural telephone company to comply with the definition contained in the 1996 Telecommunications Act. A rural telephone company is therefore defined as follows:

Rural telephone company: The term "rural telephone company" means a local exchange carrier operating entity to the extent that such entity:

(A) Provides common carrier service to any local exchange carrier study area that does not include either:

- (i) Any incorporated place of 10,000 inhabitants or more, or any party therefore, based on the most recently available population statistics of the Bureau of the Census; or
- (ii) Any territory, incorporated or unincorporated, included in an urbanized area, as defined by the Bureau of the Census as of August 10, 1993;

- (B) Provides telephone exchange service, including exchange access, to fewer than 50,000 access lines;
- (C) Provides telephone exchange service to any local exchange carrier study area with fewer than 100,000 access lines; or
- (D) Has less than 15 percent of its access lines in communities of more than 50,000 on the date of enactment of the Telecommunications Act of 1996.

47 U.S.C. § 153 (37); *see also* 47 C.F.R. § 24.720(e).

Partitioning and Disaggregation

Additionally, we note that the Commission recently modified its rules to allow the partitioning and disaggregation of all broadband PCS licenses. Therefore, any winning bidder for a D, E, or F block license may partition its license pursuant to these new procedures. *See Geographic Partitioning and Spectrum Disaggregation by Commercial Mobile Radio Services Licensees, Implementation of Section 257 of the Communications Act - Elimination of Market Entry Barriers, FCC 96-474, Report and Order and Further Notice of Proposed Rule Making* (rel. Dec. 20, 1996).

IV. Auction Agreements

Applicants should attach and label as "**Exhibit F: Agreements**" a detailed explanation of the terms and conditions and parties involved in any bidding consortia, joint venture, partnerships or other agreement or arrangement into which the applicant has entered relating to the competitive bidding process prior to the time the bidding was completed. *See* 47 C.F.R. § 1.2107(d). To comply with this requirement, applicants can either submit the agreements themselves, or can submit a detailed description of those agreements with proprietary information excluded. If applicants choose to submit the agreements, they can redact proprietary information or can seek confidentiality for those documents pursuant to Section 0.459 of the Commission's Rules (*see* discussion of confidentiality requests under "**Confidentiality Requests**" Section V, below).

V. Confidentiality Requests

Applicants should be aware that all information required by the Commission's rules in connection with applications to participate in spectrum auctions is necessary to determine the applicants' qualifications and, as such, will be available for public inspection. Required proprietary information may be redacted, or confidentiality can be sought pursuant to Section 0.459 of the Commission's rules, 47 C.F.R. § 0.459. Applicants requesting confidential treatment for any information required as a condition to participate in the auction must follow the procedures set out in Section 0.459 of the Commission's rules, 47 C.F.R. § 0.459.

If an applicant has sought confidential treatment of any information, it should attach and label as "**Exhibit G: Confidentiality Requests**" a statement which references the request; otherwise Exhibit G should be omitted. **Any such requests must be manually submitted, even if the winning bidder chooses to file electronically. If filing electronically, the winning bidder must indicate in an electronic exhibit (Exhibit G) that it has a confidentiality request on file.** Because the required information bears on an applicant's qualifications, the Commission envisions that confidentiality requests will not be routinely granted. An applicant's request for confidentiality must include a demonstration that it would suffer substantial competitive harm from the public disclosure of the confidential information.

VI. Agreements and Other Instruments

Applicants should attach and label as "**Exhibit H: Agreements and Other Instruments**" an exhibit listing and summarizing all agreements or other instruments (with appropriate references to specific provisions in the text of such agreements and instruments) that support the applicant's eligibility for a license in the F block and its eligibility under 47 C.F.R. § 24.709, including the establishment of *de facto* and *de jure* control. Such agreements and instruments include articles of incorporation and bylaws, shareholder agreements, voting or other trust agreements, partnership agreements, management agreements, joint marketing agreements, franchise agreements, and any other relevant agreements (including letters of intent), oral or written. *See* 47 C.F.R. § 24.709(c)(2)(ii); *see also* Public Notice, "C Block Bidders Reminded to Consider Distinctions Between Debt and Equity For Foreign Ownership and Broadband PCS Auction Rules" (rel. April 15, 1996).

Applicants must also list and summarize in Exhibit H any investor protection agreements and list specifically any such provisions in those agreements identified pursuant to Section 24.709(c)(2)(ii) of the Commission's rules, including rights of first refusal, supermajority clauses, options, veto rights, and rights to hire and fire employees and to appoint members to boards of directors or management committees. *See* 47 C.F.R. § 24.709(c)(2)(ii) and (iii).

VII. Market Designator

Only electronic filers submitting single applications for multiple markets should attach and label as "**Exhibit I: Market Designator**" a list of the additional market designators (other than the market already listed in Schedule A) that the single application covers. This exhibit should **not** include the market name(s) associated with the market designator(s) listed in Exhibit I.

VIII. Waivers/Divestiture Plans

Waivers

In the event a winning bidder wishes to file a request for waiver, all such requests should be filed with the corresponding application. Winning bidders filing electronically should submit waiver requests using the "Waiver" tab. Manual filers should attach a copy of any waiver requests at the end of their FCC Form 600. Waiver requests filed after the submission of the FCC Form 600 may result in a delay of the processing of the application. If a request for waiver is filed separately from the FCC Form 600, such request must reference the corresponding application.

Divestiture Plans

In the *Report and Order*, the Commission eliminated the cellular/PCS cross-ownership rules. *Report and Order*, and instead adopted one overall 45 MHz spectrum cap, which applies to all CMRS licenses. 11 FCC Rcd at 7869, ¶¶ 94-95. However, the Commission retained the rule that restricts an overlap between a licensee's Cellular Geographic Service Area (CGSA) and the PCS service area. *Report and Order*, 11 FCC Rcd 7876, ¶ 107. The Commission stated that in situations in which the CGSA/PCS service area overlap exceeds ten percent but is less than 20 percent, it would allow post-auction divestitures. *Id.* Therefore, any parties sharing a common non-controlling ownership interest who aggregate more PCS spectrum among them than a single entity is entitled to hold (*see* 47 C.F.R. §§ 20.6(e), 24.710, 24.204, and 24.229(c)) will be permitted to divest sufficient properties within 90 days of the license grant to come into compliance with the spectrum aggregation limits. *See* 47 C.F.R. § 24.833. Additionally, PCS providers will no longer be restricted to a less than five-percent ownership interest in cellular and other PCS licensees in order to avoid attribution under our rules, but are subject to a more liberal 20 percent attribution level for all CMRS licenses. *Report and Order* at 7875, ¶ 105.

If an applicant is unable to certify to compliance with the CMRS spectrum aggregation limit (47 C.F.R. § 20.6), it should attach a signed statement that describes the applicant's efforts to date and future plans to come into compliance with the rules through divestiture of prohibited properties. *See* 47 C.F.R. § 20.6(e)-(f). The statement must indicate that sufficient properties will be divested within 90 days of license grant to meet our requirements. *See* 47 C.F.R. § 24.833. If divestiture is required, the Commission will condition grant of the application on the licensee coming into compliance with our requirements. For purposes of satisfying the above signature requirement, the typed name of either the applicant or the applicant's authorized representative will suffice. For electronic filers, all divestiture requests should be submitted utilizing the area designated for Divestiture. This area can be accessed by selecting the "Divestiture" tab of the electronic filing software.

Attachment D

INSTRUCTIONS FOR DOWNLOADING AND INSTALLING THE FCC ELECTRONIC FILING/APPLICATION REVIEW SOFTWARE

Those applicants who wish to file their FCC application electronically or view other FCC applications on-line will need the following hardware and software:

Hardware Requirements:

- o CPU: Intel 80486 or above (Pentium recommended)
- o RAM: 16MB RAM (more recommended if you intend to open multiple applications)
- o Hard Disk: 18MB available disk space*
- o 1.44MB 3.5" Floppy Drive (to install the remote system)
- o Five blank MS-DOS® formatted 3.5" 1.44MB floppy disks
- o Modem: v.32bis 14.4kbps Hayes compatible modem
- o Monitor: VGA or above
- o Mouse or other pointing device

* Additional disk space may be required if a large number of applications are stored in your local database.

Software Requirements:

- o FCC Electronic Filing/Application Review Software (available through the Internet and the FCC Bulletin Board System)
- o Microsoft Windows 3.1 or Microsoft Windows for Workgroups v3.11 in an enhanced mode

Note: The FCC Electronic Filing/Application Review Software has not been tested in a Macintosh, OS/2, or Windows95 environment. Therefore, the FCC will not support operating systems other than Microsoft Windows 3.1 or Microsoft Windows for Workgroups v3.11 in an enhanced mode. This includes any other emulated Windows environment. If your Windows is in a networked environment, you should check with your local network administrator for any potential conflicts with the PPP (Point-to-Point Protocol) Dialer that is incorporated into the Electronic Filing/Application Review Software. This usually includes any TCP/IP installed network protocol.

The PPP Dialer that is incorporated into the FCC Electronic Filing/Application Review Software will establish a point-to-point connection from your PC to the FCC Network. **THIS POINT-TO-POINT CONNECTION IS NOT ROUTED THROUGH THE INTERNET.**

Applicants who wish to file their FCC applications electronically or who wish to view other applicants' applications must first download the software from either the Internet or the FCC Bulletin Board System (File Name: **EFRV13G.EXE**).

Internet Access:

In order to download the compressed file from the Internet, you will need to have access to the Internet and an ftp client software as follows:

- o **World Wide Web:** ftp://ftp.fcc.gov
- o **Gopher:** gopher.ftp.fcc.gov or use any gopher to get to "all the gophers in the world" then 'U.S.' then 'DC' then 'FCC'.

Once you connect to the FCC ftp server via the World Wide Web or Gopher, select the following directory and download the following file:

Directory: /pub/Auctions/PCS/Broadband/BTA/Auction_10/Programs
File: **EFRV13G.EXE**

- o **FTP:** The following instructions are for the command line version of ftp.
 1. Connect to the FCC ftp server by typing ftp ftp.fcc.gov
 2. At the user name prompt, type anonymous[**Enter**]
 3. At the password prompt, type your Internet e-mail address[**Enter**]
 4. To allow the file to be downloaded type: binary[**Enter**]
 5. Change your current directory to the Programs directory by typing:
cd /pub/Auctions/PCS/Broadband/BTA/Auction_10/Programs[**Enter**]
 6. Use the get command to download files from the FCC ftp server by typing:
get efrv13g.exe [**Enter**]
 7. If you wish to exit, type:
bye [**Enter**]

Dial-In Access to the FCC Auction Bulletin Board System (BBS):

The FCC Auction Bulletin Board System provides dial-in access for the FCC Electronic Filing/Application Review Software. In order to access the FCC Auction BBS, use a communications package that can handle at least xmodem protocol (e.g., pcAnyWhere, Telix, Procomm) to dial in to (202) 682-5851. Use the settings of 8 data bits, no parity and 1 stop bit (8,N,1).

o **For new users follow steps 1-5, otherwise go to step 6 in the ANSI Protocol Instructions section or the Non-ANSI Protocol Instructions section (whichever is applicable):**

1. Type New and press **[Enter]**. If the word ANSI is blinking, type Y for yes. If the word ANSI is not blinking, type N for No
2. Type in your first and last name and press **[Enter]**. This will be your login name
3. Type in Y and press **[Enter]** when asked to verify your login name
4. Type in what you want your password to be and press **[Enter]**
5. Retype the password for verification and press **[Enter]**

o **ANSI Protocol Instructions (once the account is generated):**

6. Type B for Broadband PCS Auction Files and press **[Enter]**
7. Type B for Basic Trading Areas and press **[Enter]**
8. Type B for Auction 10 and press **[Enter]**
9. Type P for Programs and press **[Enter]**
10. Type C for Current Library and press **[Enter]**
11. Move the cursor to the file named **EFRV13G.EXE** and type **[Control]-D** (hold the Ctrl key down and press the D key) for Download and press **[Enter]**
12. Type the letter representing the transfer protocol desired and press **[Enter]**. How the file is downloaded and where it gets downloaded depends on the transfer protocol package used.
13. The FCC Auction BBS will begin transferring the file. You may need to give your terminal emulation software a command to receive the file; please consult your terminal emulation software manual for instructions concerning how to do so.

14. Type X to return to the Programs menu, then type X again. Type X to Exit and press **[Enter]** and continue to do so until asked if you want to Exit the BBS. Press Y for Yes when asked to verify that you want to exit.
- o **Non-ANSI Protocol Instructions (once the account is generated):**
6. Type B for Broadband PCS Auction Files and press**[Enter]**
 7. Type B for Basic Trading Areas and press**[Enter]**
 8. Type B for Auction 10 and press**[Enter]**
 9. Type P for Programs and press**[Enter]**
 10. Type C for Current Library and press**[Enter]**
 11. Type the letter next to the file named**EFRV13G.EXE** and press **[Enter]**
 12. Type D for Download now and press**[Enter]**
 13. Type the letter representing the transfer protocol desired and press**[Enter]**. How the file is downloaded and where it gets downloaded depends on the transfer protocol package used.
 14. The FCC Auction BBS will begin transferring the file. You may need to give your terminal emulation software a command to receive the file; please consult your terminal emulation software manual for instructions concerning how to do so.
 15. Type X, then type X to Exit and press**[Enter]** and continue to do so until asked if you want to Exit the BBS. Press Y for Yes when asked to verify that you want to exit.

Creating Installation Disks from the Downloaded File

The Electronic Filing/Application Review Software available through the Internet and the FCC Auction BBS will be in a self-extracting compressed file format. To extract the software, start File Manager in the Main program group, open the file folder where you downloaded the executable, and double-click on**EFRV13G.EXE**. A message will appear listing the default directory to which the software will extract. If the directory does not exist, it will be created automatically. Press Unzip to begin extracting the software.

When the extraction is complete, a message will appear listing the number of files that were unzipped. Press OK to start the FCC Electronic Filing/Application Review setup program.

Installing the Electronic Filing/Application Review Software

After you extract the software, the setup program will run automatically. If you choose not to install the FCC Electronic Filing/Application Review software, you can run setup later by starting File Manager, opening the file folder to which you extracted the software, and double-clicking on **SETUP.EXE**.

When the setup program begins, a screen will appear listing the default directory to which the software will install. Press the Install button, then press OK to install to the specified directory. If the directory does not exist, the setup program will create it automatically.

When the installation is complete, a message may appear asking you to restart Windows so that the changes made by the installation may take effect.

Creating Backup Installation Disks

To create backup installation disks for the FCC Electronic Filing/Application Review software, go to File Manager, open the file folder to which you extracted the software, double-click on **backup.bat**, and follow the instructions on the screen.

Running the Electronic Filing/Application Review Software

When you have finished installing and/or upgrading the software, you will have a new Program Manager group called FCC Electronic Filing/Review with five icons: Configure PPP, Electronic Filing, Application Review, Suggestion Box, and Software Readme File.

For the Electronic Filing system, the PPP Dialer will only attempt to establish a PPP connection to the FCC Network when you start the system and when you submit an electronic application to the FCC.

For the Application Review and Suggestion Box systems, the PPP Dialer will only attempt to establish a PPP connection to the FCC Network when you start the respective system.

You must verify/modify the parameters in the Configure PPP program prior to establishing a PPP connection. Please see the readme file associated with the software for further information regarding Configure PPP.

For technical assistance in installing or using the software, contact the FCC Technical Support Hotline at (202) 414-1250. The FCC Technical Support Hotline will be generally available Monday through Friday, from 9 a.m. to 6 p.m. ET.

Upgrading from a Previous Version

If you have installed a previous version of the FCC Electronic Filing/Application Review Software, you must download a patch file (Filename: **V13GPAT.EXE**) to upgrade to the current version. The patch file is available through both the Internet and the FCC Auction Bulletin Board System and is located in the same directory/menu as the FCC Electronic Filing/Application Review Software (follow the downloading instructions above, substituting V13GPAT.EXE where EFRV13G.EXE is listed).

When you have finished downloading the patch file, switch to File Manager in Windows and move the patch file to the directory where you installed the FCC Electronic Filing/Application Review Software. Double-click on the patch file to run it and respond 'y' to any message asking you whether to overwrite a file. When the appropriate files have been overwritten, the upgrade will be complete.

If you have downloaded and installed the current version of the FCC Electronic Filing Software (Filename: **EFRV13G.EXE**), you will **not** need to download the patch file.

Uninstalling the FCC Electronic Filing/Application Review Software

To uninstall the FCC Electronic Filing/Application Review software, delete the directory to which you installed the software and the directory to which you extracted the software.

For technical assistance in downloading, extracting or installing the Electronic Filing/Application Review Software contact the FCC Technical Support Hotline at (202) 414-1250. The FCC Technical Support Hotline will be generally available Monday through Friday, from 9 a.m. to 6 p.m. ET.

IMPORTANT NOTE: References in this attachment to Auction 10 are correct and DO apply to Auction 11. The FCC Form 600 software for Auctions 10 and 11 is the same.

DETAILED INSTRUCTIONS FOR USING ALL FCC REMOTE ELECTRONIC SOFTWARE CAN BE FOUND IN THE README FILE ASSOCIATED WITH THE

**ELECTRONIC SOFTWARE AS WELL AS IN THE CONTEXT SENSITIVE HELP
FUNCTION ASSOCIATED WITH EACH SOFTWARE SYSTEM.**