PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET, S.W.
WASHINGTON, D.C. 20554

News Media Information: (202) 418-0500
Fax-On-Demand: (202) 418-2830
Internet: http://www.fcc.gov
ftp.fcc.gov

DA 99-1023
May 27, 1999

PHASE II 220 MHz SERVICE SPECTRUM AUCTION

18 Qualified Bidders

Report No. AUC-24-D (Auction No. 24)

This *Public Notice* identifies the 18 applicants that have been found qualified to bid for spectrum associated with 225 Phase II 220 MHz Service licenses in Auction No. 24, which is scheduled to begin on Thursday, June 8, 1999. This *Public Notice* also contains bidding instructions and other important information regarding the auction.

Attachment A lists each of the 18 qualified bidders, their upfront payments, and maximum eligibility in bidding units.

Attachment B lists the licenses that were listed on each qualified bidder's FCC Form 175.

Attachment C lists those applicants that submitted FCC Form 175 applications, but did not qualify to bid in this auction.

Attachment D contains software downloading/installing instructions for participation in the mock auction.

Attachment E contains round results file formats for use during the auction.

Please note that hardware and software requirements, as well as instructions on accessing the FCC Network and monitoring the auction on-line, were included as Attachments D through F of the Auction No. 24 *Status Public Notice*.[2]

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[2] *See* "Phase II 220 MHz Service Spectrum Auction Status of Applications to Participate in the Auction," *Public Notice*, DA 99-904 (released May 13, 1999) ("*Status Public Notice*"). All documents relating to Auction No. 24 are available on the FCC Web Site at **http://www.fcc.gov/wtb/auctions.**

In order to participate effectively in the auction, qualified bidders should re-familiarize themselves with the auction rules and other information contained in the *Public Notices* released for this auction.[3] The following information provides additional guidance.

Registration. Qualified bidders have been automatically registered for the auction. For security reasons, the Commission will confirm registration by two separate mailings of registration materials, both sent to the contact person at the address identified in the bidder's FCC Form 175. The two mailings will include the bidding codes, which include the Bidder Identification Number, Login ID, Login Password and the FCC Account Number. The second mailing will include the remote bidding system software, if ordered. Upon receipt of both mailings, each bidder should be in possession of the following information:

- FCC Account Number (as assigned by FCC)
- Bidder Identification Number (supplied by FCC mailing)
- Login ID (supplied by FCC mailing)
- Login Password (supplied by FCC mailing)
- Remote bidding system software, if ordered (supplied by FCC mailing)
- FCC Bidder Line Telephone Number (supplied by FCC mailing)

Applicants are solely responsible for ensuring the security of their computer systems, the security of their bidding codes, and that only authorized bidders place bids on their behalf. The FCC assumes no responsibility or liability for these matters.

WARNING: Any unauthorized person or entity accessing or tampering with an FCC or other government computer will be prosecuted to the full extent of the law.

Any applicant listed as a qualified bidder in Attachment A to this *Public Notice* that has not received both registration mailings **by noon on Thursday, June 3** should contact the FCC at (888) CALL-FCC ((888) 225-5322). Callers should press option number 2 at the prompt for auction inquiries. It is each applicant's responsibility to ensure that all registration information has been received on time.

Lost Login IDs, Login Passwords and Bidder Identification Numbers can be replaced only at the FCC Auction Headquarters, located at 445 12th Street, S.W., Washington, D.C. If replacement is necessary, either an authorized representative or the certifying official (as designated on the applicant's FCC Form 175) must appear in person with two forms of identification, one of which must be a photo identification. The authorized representative should immediately contact the technical support hotline to arrange the replacement of bidding codes.

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[3] *See* "Phase II 220 MHz Service Spectrum Auction, Notice and Filing Requirements for Auction of Phase II 220 MHz Service Spectrum Scheduled for June 8, 1999, Minimum Opening Bids and Other Procedural Issues," *Public Notice*, DA 99-474 (released March 8, 1999) ("*Auction Public Notice*"); *Status Public Notice*.

Electronic Bidding Software. In order to bid electronically, each qualified bidder must purchase the Commission's electronic bidding software. The software has been updated for Auction No. 24. **Accordingly, software from prior auctions will not work for Auction No. 24.** Bidders are advised to review the software manual included in the registration materials and participate in the mock auction to become familiar with this software. For software backup, bidders are advised to duplicate the software for use by authorized representatives at different locations. However, the FCC Remote Bidding System will not accept electronic bids from qualified bidders that are not registered purchasers of the bidding software.

Bidding Contingency Plan. Bidders should develop comprehensive contingency plans they can implement quickly in case they experience difficulty participating in the auction. While the FCC will correct any problems within Commission-controlled facilities, bidders are solely responsible for anticipating and overcoming problems such as bidder technical failures, local telephone service interruptions, adverse local weather conditions, unavailability of authorized bidders, or loss or breach of confidential security codes.

The FCC Remote Bidding System requires access to a 900 service telephone line. Bidders should verify in advance that the telephone systems they will be using to submit electronic bids permit access to 900 service telephone numbers, and should consult their telephone administrators if they need assistance.

All filers, manual and electronic, will be supplied with a telephone number for telephonic bidding in their registration packet. Manual filers are required to use this telephone number to place bids. Electronic bidders may use this telephone number as an alternate method of bidding in the event they are not able to submit their bids electronically.

Minimum Opening Bids. There will be a minimum opening bid for each license in Auction No. 24, calculated in accordance with the formulas we have previously announced.[4] The minimum opening bid amount is subject to reduction at the discretion of the Commission. Bidders should be aware, however, that the FCC will not entertain requests to lower minimum opening bids. The agency will exercise its discretion, if at all, independent of any communications from bidders.

Messages and Announcements. The FCC will post pertinent auction information as messages and announcements on the FCC Remote Bidding System, on its Internet site and on its Bulletin Board System (BBS). Bidders should routinely check for messages and announcements each time they enter the Remote Bidding System, and should read this information carefully.

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[4] *See Auction Public Notice* at 22-23. For information on the minimum opening bid for each of the 225 Phase II 220 MHz Service geographic area licenses, see Attachment A of the *Auction Public Notice.*

Bidding Schedule. The bidding schedule for Tuesday, June 8, 1999, and continuing until further notice, will be:

Bidding Period	9:00 a.m.	-	10:00 a.m. ET
Round Results	10:00 a.m.	-	10:30 a.m. ET
Bidding Period	2:00 p.m.	-	3:00 p.m. ET
Round Results	3:00 p.m.	-	3:30 p.m. ET

The FCC will set the pace of the auction based upon its monitoring of the bidding and its assessment of the auction's progress. All schedule changes are made by announcement during the course of the auction.

Bidder Questions during the Auction. FCC auction officials and technical support staff will be available during the course of the auction to answer questions from bidders. Bidders should identify themselves as a bidder with time sensitive auction questions when calling any number. Help can be obtained through the following telephone numbers:

FCC Bidder Line (telephonic bidding, auction conduct questions)	Use telephonic bid number supplied in registration mailing
FCC Technical Support Hotline (all technical questions, software and hardware)	(202) 414-1250
FCC Auctions Division (legal questions)	(202) 418-0660

Monitoring Round Results. Attachment E (How to Monitor FCC Auctions On-Line) of the *Status Public Notice* provides instructions for reviewing and downloading round results, and other material related to Auction No. 24 released by the Commission during the course of the auction.

Auction Tracking Tool (ATT). The FCC has developed a tool for tracking the results of its auctions. Bidders wishing to familiarize themselves with the ATT can now download it with a sample database from the Internet at: http://www.fcc.gov/wtb/auctions/auc24_1.html, where a specific link provides access to the tracking tool. The ATT is also available via the FCC Auctions Bulletin Board System. This tool is available for use in both the mock auction and the actual auction.

The ATT is provided to bidders free of charge as an additional means of analyzing the auction round results. Bidders should develop back-up strategies for viewing round results that can be implemented quickly in case they experience technical difficulties with the tracking tool.

The ATT is a stand-alone application which runs on Windows 95/98 and NT operating systems and does not require any other software, although some advanced features require Microsoft Excel 97. The tool will allow users to import round result files and analyze bidding results after each round of the auction. For installation and use instructions see the README file and on-line help system that accompany the ATT.

User Requirements. This software is designed to be used by a wide range of users. For most effective use of the tool, users should be familiar with:

* Microsoft Windows 95/98/NT
* Microsoft Excel 97
* The FCC simultaneous multiple round auction format

Software and Hardware Requirements. At a minimum, you will need the following:

* Microsoft Windows 95, 98 or NT.
* Up to 40-50 MB of available hard disk space. For the application itself, only 2-3 MB will be necessary, but the auction database can grow quite large.
* 16 MB RAM and Pentium™ based processor are required with 32 MB RAM and a Pentium™ 166 or higher strongly recommended.
* Some advanced features of the tool will require Microsoft Excel 97, but the majority of the tool's features can be used without Excel.

Amendments to FCC Form 175s. Applicants are responsible for maintaining the accuracy and completeness of information furnished in their FCC Form 175 and exhibits. *See* 47 C.F.R § 1.65. It is the staff's position that applicants should amend their applications within ten business days from the occurrence of a reportable change. Electronic filers should make modifications to their FCC Form 175s electronically, and submit a letter briefly summarizing the changes to:

Amy Zoslov
Chief, Auctions & Industry Analysis Division
Wireless Telecommunications Bureau
Federal Communications Commission
Room 4-A760
445 12th Street, SW
Washington, DC 20554

with a courtesy copy to Anne Napoli at the same address. As described in the Commission's Rules, applicants may make only minor corrections to their FCC Form 175 applications; major modifications (*e.g.*, changing the markets applied for, changing control of the applicant, changing

the certifying official or signing a manual application) will not be accepted. *See* 47 C.F.R. § 1.2105(b).

Due Diligence. Bidders are reminded that they should continue to conduct due diligence examinations regarding incumbents and other legal developments with respect to the licenses for which they bid during the course of the auction.[5]

Mock Auction. The FCC will conduct a mock auction on Friday, June 4, 1999, to allow qualified bidders to familiarize themselves with the electronic bidding software. The mock auction will be open only to qualified bidders. Telephonic bidding will also be available during the mock auction. Qualified bidders wishing to place telephonic bids should use the telephone number supplied in the registration materials for the auction. Pre-registration is not required to participate in the mock auction.

This mock auction will include all Auction No. 24 licenses, and will follow the rules governing the actual auction. The mock auction will be identified as Auction No. 74. The program will assume that each bidder applied for all licenses and submitted upfront payments of $250,000, corresponding to 250,000 bidding units. The auction will simulate the start of Stage One, so bidders will be required to be active on at least 80 percent of their bidding units, or risk having a waiver automatically applied unless bidding eligibility is reduced.

The mock auction bidding schedule for Friday, June 4, 1999 will be:

Round 1	
Bidding Period	9:00 a.m. - 10:00 a.m. ET
Round Results	10:00 a.m. - 10:30 a.m. ET
Round 2	
Bidding Period	10:30 a.m. - 11:30 a.m. ET
Round Results	11:30 a.m. - 12:00 p.m. ET
Break	12:00 p.m. - 1:00 p.m. ET
Round 3	
Bidding Period	1:00 p.m. - 1:30 p.m. ET
Round Results	1:30 p.m. - 2:00 p.m. ET
Round 4	
Bidding Period	2:00 p.m. - 2:30 p.m. ET
Round Results	2:30 p.m. - 3:00 p.m. ET

[5] *See Auction Public Notice* at 4-6 and Attachment B.

Round 5
Bidding Period 3:00 p.m. - 3:30 p.m. ET
Round Results 3:30 p.m. - 4:00 p.m. ET

Round 6
Bidding Period 4:00 p.m. - 4:30 p.m. ET
Round Results 4:30 p.m. - 5:00 p.m. ET

Eligible Auction No. 24 bidders who wish to participate in the mock auction using electronic bidding must establish a PPP connection to the FCC Auction Network through either an 800 or a 900 number, as selected through the mock auction software. (The FCC strongly encourages participants to test their ability to connect using the 900 number, in order to identify any potential problems such as a 900-number telephone block. There will be no access charge for the first minute of the 900-number connection time.)

When participants establish the PPP connection and start the Mock Bidding System, they will register for the mock auction by entering their FCC Account Number. The Login names, Login passwords, and Bidder Identification Numbers (BINs) will be pre-filled. Note: Pre-filled codes are for the mock auction only. For the actual auction, valid Login codes and BINs will be mailed to qualified bidders with their registration materials.

Remote bidding software for the mock auction will be available via the FCC's Internet and Bulletin Board System beginning June 3, 1999 at 1 p.m. *See* Attachment D for downloading/installing instructions. This software is specifically designed for this simulation, and is not adaptable to any other FCC spectrum auction. As part of the software, the Commission has established a suggestion box and welcomes your comments regarding the software.

OTHER IMPORTANT INFORMATION

Long-Form Applications: Applicants that claim status as a small or very small business should be aware that at the long-form application stage they will be subject to the more extensive reporting requirements contained in the Commission's Part 1 ownership disclosure rule. *See* 47 C.F.R. § 1.2112(b). In addition, applicants with foreign ownership interests will be required to comply with 47 U.S.C. § 310(b)(4) at the long-form application stage.

For additional information regarding this *Public Notice*, please contact Ruby Hough or Anne Napoli, Auctions & Industry Analysis Division, Wireless Telecommunications Bureau, at (202) 418-0660, or Bob Reagle, Auctions and Industry Analysis Division, Wireless Telecommunications Bureau, at (717) 338-2801. Questions about software or hardware should be directed to Technical Support at (202) 414-1250.

FCC Phase II 220 MHz Service Auction

ATTACHMENT A

Auction ID: 24

Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 5/27/99

The following Applicants have been found 'Qualified' :

FCC Account #	Name	Upfront Payment	Maximum Eligibility (Bid - Units)
0240938035	220 MHz Auction Group	$150,000.00	150,000
0241256321	American Pacific Inc.	$7,500.00	7,500
0241119334	AreaWide Communications Inc.	$2,500.00	2,500
0241405418	DATA RADIO MANAGEMENT CO., INC.	$5,000.00	5,000
0240126117	Douglas Thomas	$2,000.00	2,000
0240918079	GEMC 220, LLC	$13,000.00	13,000
0241536562	Intek License Acquisition Corporation	$439,378.00	439,378
0241208224	Jeremy A. Greene	$500.00	500
0241106175	MAUREEN GALLAGHER	$4,500.00	4,500
0241208424	Nancy J. Douglas	$3,000.00	3,000
0241257541	Police Emergency Radio Services, Inc.	$127,000.00	127,000
0241100401	Repeater Network Spectrum Aq., Inc.	$85,000.00	85,000
0241129179	Rush Network Corp.	$5,500.00	5,500
0241213388	Supreme Radio Communications, Inc.	$2,000.00	2,000
0241330004	The Elkin Group, Inc.	$5,000.00	5,000
0241007169	Two-Twenty Auction Company, Inc.	$3,000.00	3,000
0241453408	Warren C. Havens	$321,000.00	321,000
0241530254	Wireless Communications Technologies, Inc.	$4,000.00	4,000

FCC Phase II 220 MHz Service Auction

ATTACHMENT B

Auction ID: 24

Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 5/27/99

The following Applicants have been found 'Qualified' :

FCC Account #	Name	Waiver Requested

0240938035 220 MHz Auction Group

The following License(s):

ALL F

ALL G

ALL H

ALL I

BEA001-A BEA001-B BEA001-C BEA001-D BEA001-E BEA002-A BEA002-C BEA004-A BEA004-B BEA004-C BEA004-D
BEA005-A BEA005-C BEA006-C BEA006-D BEA007-A BEA007-D BEA008-C BEA009-C BEA011-A BEA013-B BEA013-C
BEA014-D BEA016-A BEA016-B BEA016-C BEA016-D BEA017-D BEA042-B BEA042-D BEA044-A BEA044-D BEA045-A
BEA045-B BEA045-C BEA045-D BEA045-E BEA046-C BEA046-D BEA048-B BEA051-B BEA052-A BEA052-B BEA052-C
BEA053-A BEA053-C BEA053-E BEA054-B BEA056-A BEA056-B BEA058-A BEA058-B BEA058-D BEA058-E BEA059-A
BEA059-B BEA059-C BEA059-D BEA059-E BEA060-A BEA060-B BEA060-D BEA061-A BEA061-B BEA061-D BEA063-B
BEA067-E BEA072-B BEA084-C BEA085-E BEA088-C BEA088-D BEA089-A BEA089-B BEA089-C BEA089-D BEA089-E
BEA091-B BEA091-C BEA091-D BEA091-E BEA092-A BEA092-B BEA092-D BEA093-B BEA093-C BEA093-D BEA093-E
BEA094-A BEA094-B BEA094-C BEA094-E BEA098-B BEA098-E BEA099-B BEA099-E BEA100-D BEA103-A BEA103-B
BEA103-D BEA104-A BEA104-D BEA105-A BEA105-C BEA105-D BEA105-E BEA108-A BEA108-B BEA108-C BEA108-D
BEA108-E BEA109-A BEA109-B BEA109-C BEA109-D BEA110-A BEA110-B BEA110-C BEA110-D BEA111-A BEA111-B
BEA111-C BEA111-D BEA111-E BEA112-A BEA112-B BEA112-C BEA112-D BEA113-A BEA113-B BEA113-C BEA113-D
BEA114-A BEA114-B BEA114-C BEA114-D BEA115-A BEA115-B BEA115-C BEA115-D BEA120-A BEA120-B BEA120-C
BEA120-D BEA121-A BEA121-B BEA121-C BEA121-D BEA122-D BEA123-C BEA123-E BEA124-C BEA124-E BEA125-E
BEA126-A BEA126-B BEA126-C BEA126-D BEA126-E BEA129-E BEA130-E BEA132-E BEA133-E BEA134-E BEA135-D
BEA135-E BEA136-B BEA136-C BEA136-D BEA137-C BEA137-D BEA137-E BEA138-C BEA138-D BEA142-A BEA142-B
BEA142-C BEA142-D BEA160-E BEA168-D BEA173-A BEA173-B BEA173-C BEA173-D BEA173-E BEA175-A BEA175-B
BEA175-C BEA175-D BEA175-E

0241256321 American Pacific Inc.

The following License(s):

ALL

0241119334 AreaWide Communications Inc.

The following License(s):

ALL

0241405418 DATA RADIO MANAGEMENT CO., INC.

The following License(s):

ALL

0240126117 Douglas Thomas

The following License(s):

ALL

FCC Phase II 220 MHz Service Auction

ATTACHMENT B

Auction ID: 24

Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 5/27/99

The following Applicants have been found 'Qualified' :

FCC Account #	Name	Waiver Requested
0240918079	GEMC 220, LLC	

The following License(s):

BEA036-B BEA036-C BEA036-D BEA036-E BEA037-A BEA037-B BEA037-D BEA037-E BEA038-A BEA038-B BEA039-A BEA039-C BEA039-D BEA043-A BEA073-B BEA074-B BEA075-D BEA076-D BEA077-C BEA077-D BEA078-B BEA079-A BEA079-E BEA080-E BEA081-D BEA081-E

0241536562	Intek License Acquisition Corporation	

The following License(s):

ALL

0241208224	Jeremy A. Greene	

The following License(s):

BEA160-E

0241106175	MAUREEN GALLAGHER	

The following License(s):

BEA036-E BEA037-E BEA058-E BEA059-E BEA093-E BEA094-E BEA098-E BEA099-E BEA105-E BEA108-E BEA123-E BEA124-E BEA125-E BEA126-E BEA160-E

0241208424	Nancy J. Douglas	

The following License(s):

ALL

0241257541	Police Emergency Radio Services, Inc.	

The following License(s):

ALL

0241100401	Repeater Network Spectrum Aq., Inc.	

The following License(s):

ALL

0241129179	Rush Network Corp.	

The following License(s):

ALL

0241213388	Supreme Radio Communications, Inc.	

The following License(s):

BEA100-D BEA103-A BEA103-B BEA103-D

0241330004	The Elkin Group, Inc.	

The following License(s):

ALL

0241007169	Two-Twenty Auction Company, Inc.	

The following License(s):

ALL

FCC Phase II 220 MHz Service Auction

ATTACHMENT B

Auction ID: 24

Qualified Bidders - Public Notice

(Sorted by Applicant)

Date of Report: 5/27/99

The following Applicants have been found 'Qualified' :

FCC Account #	Name	Waiver Requested
0241453408	Warren C. Havens	

The following License(s):

ALL

0241530254	Wireless Communications Technologies, Inc.	

The following License(s):

ALL

FCC Phase II 220 MHz Service Auction
Non-Qualified Bidders
Auction ID: 24

ATTACHMENT C

(Sorted by Applicant)
Date of Report: 5/27/99

FCC Account #	Name
0241626332	Dickinson Industries, Inc.
0241557439	First Florida Communications, Inc.

ATTACHMENT D

DOWNLOADING AND INSTALLING THE FCC MOCK BIDDING SOFTWARE

This attachment describes how to download and install the FCC Mock Bidding Software for qualified bidders who wish to participate in the FCC Mock Auction.

Conventions

The instructions in this section use the following typographical conventions:

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

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

bold italic Represents characters that you must type exactly as they appear in the instructions. For example, if you are instructed to type ***http://wtbwww13.fcc.gov***, you should type all of the characters shown in bold italic exactly as they are printed.

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

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

Qualified bidders who want to participate in the FCC Mock Auction will need, at a minimum, the following hardware and software:

Minimum Hardware Requirements

- CPU: Intel® Pentium
- RAM: 16 MB (more recommended if you have multiple applications open)
- Hard Disk: 33 MB available disk space
- Modem: v.32bis 14.4 kbps Hayes© compatible mode (recommend higher)
- Monitor: VGA or above
- Mouse or other pointing device

Minimum Software Requirements

- Microsoft® Windows 95™ or 98™
- FCC Mock Bidding Software (available through the Internet and the FCC Bulletin Board System)
- Netscape® Communicator™ 4.5 is recommended. However, you can also use Netscape Communicator 4.08, 4.07, 4.06, or 4.05 with JDK 1.1. Note: To download Netscape Communicator 4.5 free of charge, access the Netscape download site at http://home.netscape.com/download/

Note: The FCC Mock Bidding Software has not been tested in a Macintosh, OS/2, or Windows NT™ environment. Therefore, the FCC will not support operating systems other than Microsoft Windows 95 or 98. This includes any other emulated Windows environment.

Downloading the FCC Mock Bidding Software

FCC Mock Auction participants must first download the FCC Mock Bidding Software from either the Internet or the FCC Bulletin Board System. Participants must download the ***mock24.exe*** compressed file to install the software.

Download Method 1: Internet Access

You may use your Web browser to download the compressed files from ***wtbwww13.fcc.gov***, ***wtbwww01.fcc.gov***, or ***www.fcc.gov***, as described in the following section.

Downloading from *wtbwww13.fcc.gov* or *wtbwww01.fcc.gov*:

1. Connect to your Internet service provider and start your Web browser.
2. Enter the following location: ***wtbwww13.fcc.gov*** or ***wtbwww01.fcc.gov***
3. Click on **Mock**
4. Click on **Programs**
5. Download the following file: ***mock24.exe***

Downloading from *www.fcc.gov*:

1. Connect to your Internet service provider and start your Web browser.
2. Enter the following location: ***http://www.fcc.gov***
3. Click on *Auctions*

4. In the Auctions section to the right, click on **220 MHz Auction. #24** under *Future Auctions*

5. Click on **Mock Auction Software**

6. Download the following file: ***mock24.exe***

Download Method 2: Dial-In Access to the FCC Auction Bulletin Board System (BBS):

The FCC Auction Bulletin Board System (BBS) provides dial-in access for the FCC Mock Bidding Software. To access the FCC Auction BBS, use a communications package that can handle Xmodem or Zmodem protocol (such as PcAnyWhere, Procomm, or Hyperterminal in Windows 95/98) to dial in to **(202) 682-5851** or **(717) 338-0731**. Use the settings of 8 data bits, no parity and 1 stop bit (8,N,1).

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

1. To create an account:

   a. Enter your first name.

   b. Enter your last name.

   c. When asked whether you want to create an account, enter **y**. (You may also enter **Y**, the program accepts either case).

   d. When prompted, enter a password.

      The password can be from four to ten characters long (where the characters can be either letters or numbers).

   e. To confirm the password, enter it again.

   f. When prompted for contact information, enter your voice phone number. Include the area code; for example, you might enter ***202-555-1234***.

   g. Enter your company name.

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

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

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

5. To select the *Mock Auction*, enter ***m***.
6. Enter **p** to select *Programs*.

   The list of available files for the Mock Auction appears.

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

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

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

   You can do the following:

   - To mark an individual file, enter its line number.
   - To mark a range of files, enter **m** (for *Mark*) and then enter the range of files in response to the prompt. For example, to mark files 6 through 12, enter *6-12* at the prompt.
   - To unmark a file, enter its number again. You can also use Mark to unmark a range of files

   Mark the following file for download. ***mock24.exe***

9. When you have finished marking files, you may download the marked files by taking the following steps:

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

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

   b. Enter ***d*** to proceed.

   c. Select the file transfer protocol that has been specified in your terminal emulation software (e.g., Zmodem).

   d. When the download operation has finished, the list of files reappears.

10. Enter ***x*** to leave the BBS.

Extracting and Installing the FCC Mock Bidding Software

The FCC Mock Bidding Software file is downloaded in a self-extracting, compressed file format. Before installing the FCC Mock Bidding Software for Auction 24, you must uninstall any mock or remote bidding software that was installed on your computer before Auction 22.

After you have downloaded the compressed file for the FCC Mock Bidding Software, you must extract the software from that file. To extract the software, follow these steps:

1. Start Windows Explorer and open the file folder where you downloaded the files.

2. Double-click on ***mock24.exe***.

3. Follow the instructions that display on your screen.

4. At the system prompt to reboot, leave **Yes** (the default) selected and click **Finish**.

5. After the FCC Mock Bidding Software has been installed, you will have a new Program group called *FCC Remote Bidding System* with an ***Auction 24 Mock Bidding Software*** option in the drop down list. You will also see an icon on your desktop for the ***Auction 24 Mock Bidding Software.***

Connecting to the FCC Network

Before using the FCC Mock Bidding Software, you must first connect to the FCC Network. See the attachment titled *Accessing the FCC Network Using Windows 95/98*.

Before Running the FCC Mock Bidding Software

Important: Disable any screen saver software before using the FCC Mock Bidding Software.

Before running the FCC Mock Bidding Software, you must connect to the FCC Network via the FCC Auctions 877# or via the FCC Auctions 900# that you will use during Auction 24.

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

After you have established a connection, you may start the FCC Mock Bidding Software by double-clicking on the ***Auction 24 Mock Bidding Software*** icon on your desktop.

Uninstalling the FCC Mock Bidding Software

To uninstall the FCC Mock Bidding Software:

1. Double click on the ***Auction 24 Mock Bidding Software Uninstall*** icon in the *FCC Remote Bidding System* program group. [Note: To see the *Programs* list, click on the **Start** button, highlight *Program*, then highlight ***FCC Remote Bidding System***.]

   The *Remove Shared Files?* dialog box appears.

2. Click **NO to All** so that you preserve files that are shared with the FCC Remote Bidding Software for Auction 24

3. When the process has completed, click **OK.**

   Important: If the Mock Bidding Software and the Remote Bidding Software for Auction 24 are both installed on your computer, it is very important that you click **NO to All** when the FCC Mock Bidding Software Uninstall program displays the *Remove Shared Files?* dialog box. Otherwise, the uninstall program will delete shared program files and you will need to re-install the Remote Bidding Software for Auction 24.

Help

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

Attachment E

FILE FORMATS

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

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

On the primary location, *wtbwww13.fcc.gov*:

- http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/dbf/
- http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/mdb/
- http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/txt/

Note: If you cannot access these files at the preceding primary location, you can access the same files at either of the following secondary locations: ***wtbwww01.fcc.gov*** or ***www.fcc.gov.***

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

On the primary location, *wtbwww13.fcc.gov*:

Rounds 1-50	http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/dbf/D001_050
Rounds 51-100	http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/dbf/D051_100
Rounds 101-102	http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/dbf/
Rounds 1-50	http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/mdb/M001_050
Rounds 51-100	http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/mdb/M051_100
Rounds 101-102	http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/mdb/
Rounds 1-50	http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/txt/T001_050
Rounds 51-100	http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/txt/T051_100
Rounds 101-102	http://wtbwww13.fcc.gov/220_MHZ/Auction_24/Results/txt/

Note: If you cannot access the files at the preceding primary location, you can access the same files at either of the following secondary locations: ***wtbwww01.fcc.gov*** or ***www.fcc.gov***.

Tracking the FCC Mock Auction

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

On the primary location, *wtbwww13.fcc.gov*:

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

Note: If you cannot access the files at the preceding primary location, you can access the same files at either of the following secondary locations: *wtbwww01.fcc.gov* or *www.fcc.gov*

Auction Tracking Tool File Format

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

All Bids table

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

Bidders table

Auction ID	Long Integer
Round	Long Integer
Bidder	Text(50)
FCC Acct	Text(10)
Bidding Credit	Single
Initial Eligibility	Long Integer
Current Eligibility	Long Integer
Change in Eligibility	Long Integer
Waiver Type	Text(1)

New Bids	Long Integer
Gross Bids	Currency
Net Bids	Currency
Total High Bids	Long Integer
Gross High Bids	Currency
Net High Bids	Currency
Current Activity	Long Integer
Required Activity	Long Integer
Unused Elig from Prev Round	Long Integer
Waivers Remaining	Long Integer
Withdrawals Remaining	Long Integer

Bidders Raising Own High Bid table

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

Bidders Who Reduced table

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

Increment Statistics table

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

Markets table

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

Round Statistics table

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

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

Waiver Statistics table

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

Withdrawal Statistics table

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

Round Results Files

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

ALL_BIDS file

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

HIGH_BIDS file

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

MAXIMUM_ELIGIBILITY file

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

WITHDRAWALS file

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

BIDDER_CROSS_REFERENCE file

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