PUBLIC NOTICE

DA 98-2347
November 20, 1998

AUCTION OF 156-162 MHz VHF PUBLIC COAST SERVICE LICENSES

8 Qualified Bidders

Report No. AUC-20-D (Auction No. 20)

This *Public Notice* identifies the 8 applicants that have been found qualified to bid for 42 VHF Public Coast Service licenses in Auction No. 20, which is scheduled to begin on Thursday, December 3, 1998. This *Public Notice* also contains bidding instructions and other important information regarding the auction.

Attachment A lists each of the 8 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 is a corrected version of the FCC Remote Bidding System Hardware and Software Requirements (Attachment D of the *Status of Applications Public Notice*[1]).

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

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

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[1]   *See* "Auction of 156-162 MHz VHF Public Coast Station Licenses, Bureau Reminds Bidders of Responsibilities under NEPA Provisions," *Public Notice*, DA 98-2248 (rel. November 6, 1998) ("Status of Applications Public Notice"), Attachment D.

Attachment G contains instructions for accessing the FCC Network using Windows 95/98.

In order to participate effectively in the auction, qualified bidders should re-familiarize themselves with the auction rules and other information contained in the *Bidder Information Package* and the *Public Notices* released for this auction.[2] 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 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)

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 Wednesday, November 25, 1998**, should contact the FCC at (888) CALL-FCC ((888) 225-5322). Callers should press option number 2 at the

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[2]   *See* "156-162 VHF Public Coast Station Spectrum Auction Scheduled for December 3, 1998, Comment Sought on Reserve Prices or Minimum Opening Bids and Other Auction Procedural Issues," *Public Notice*, DA 98-1469 (released July 23, 1998); "Auction of 156-162 MHz VHF Public Coast Station Service Licenses, Auction Notice and Filing Requirements for 42 Geographic Area Licenses Scheduled for December 3, 1998, Minimum Opening Bids and Other Procedural Issues," *Public Notice*, DA 98-1796 (released September 4, 1998) ("Auction Notice and Filing Requirements Public Notice"); "Correction to Attachment A of Public Notice, Auction of 156-162 MHz VHF Public Coast Station Service Licenses," *Erratum* (released September 8, 1998) ("First Erratum to Auction Notice and Filing Requirements Public Notice"); "Further Correction to Public Notice, Auction of 156-162 MHz VHF Public Coast Station Service Licenses, Auction Notice and Filing Requirements for 42 Geographic Area Licenses, Minimum Opening Bids and Other Procedural Issues," *Erratum* (released September 21, 1998) ("Second Erratum to Auction Notice and Filing Requirements Public Notice"); *Status of Applications Public Notice. See also* In the Matter of Amendment of the Commission's Rules Concerning Maritime Communications, *Third Report and Order and Memorandum Opinion and Order*, FCC 98-151 (released July 9, 1998).

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 2 Massachusetts Avenue, N.E., 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.

Electronic Bidding Software. In order to bid electronically, each qualified bidder that filed its FCC Form 175 electronically must purchase the Commission's electronic bidding software. The software has been updated for the VHF Public Coast Service auction. 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.

Bidding Schedule. The bidding schedule for Thursday, December 3, 1998 will be:

Bidding Period	9:00 a.m.	-	10:00 a.m.	ET
Round Results	10:00 a.m.	-	10:15 a.m.	ET
Bidding Period	2:00 p.m.	-	3:00 p.m.	ET
Round Results	3:00 p.m.	-	3:15 p.m.	ET

The bidding schedule for Friday, December 4, 1998 will be:

Bidding Period	9:00 a.m.	-	9:45 a.m.	ET
Round Results	9:45 a.m.	-	10:00 a.m.	ET
Bidding Period	11:00 a.m.	-	11:45 a.m.	ET
Round Results	11:45 a.m.	-	12:00 p.m.	ET
Bidding Period	2:00 p.m.	-	2:45 p.m.	ET
Round Results	2:45 p.m.	-	3:00 p.m.	ET
Bidding Period	4:00 p.m.	-	4:45 p.m.	ET
Round Results	4:45 p.m.	-	5:00 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. Generally, at the end of each week of the auction, the FCC will announce the bidding schedule for the following week.

Minimum Opening Bids. There will be a minimum opening bid for each license in the VHF Public Coast Service auction, calculated in accordance with the formulas we have previously announced.[3] 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.

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   Use telephonic bid number
(telephonic bidding, auction conduct   supplied in registration mailing
questions)

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[3]   *See Auction Notice and Filing Requirements Public Notice* at 21-24. For information on the minimum opening bid for each of the 42 VHF Public Coast Service geographic area licenses, see *Second Erratum to Auction Notice and Filing Requirements Public Notice.*

FCC Technical Support Hotline   (202) 414-1250
(all technical questions, software and
hardware)

FCC Auctions Division (legal questions)   (202) 418-0660

Monitoring Round Results. Attachment F to this *Public Notice* provides instructions for reviewing and downloading round results, and other material related to the VHF Public Coast Service auction released by the Commission during the course of the auction.

Auction Tracking Tool. The FCC has developed a new tool for tracking the results of its auctions which will make its debut in the VHF Public Coast Auction. Bidders wishing to familiarize themselves with the new tool will be able to download the tool with a sample database when it becomes available. Unlike the previous tool, this one will be able to be used with both the mock auction and real auction. The new FCC Auction Tracking Tool will be made available on Wednesday, November 25, 1998 via the Internet at http://www.fcc.gov/wtb/auctions/coast1.html, which will include a specific link to the new tracking tool. The new FCC Auction Tracking Tool will also be available via the FCC Auctions Bulletin Board System.

The new FCC Auction Tracking Tool 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 do 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 FCC Auction Tracking Tool.

>**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 are 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.

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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 5202
2025 M St., NW
Washington, DC 20554

with a courtesy copy to Anne Napoli at the same address. Manual filers must submit a hard-copy amendment to the address where they sent their original application,[4] and also fax a copy to (202) 418-0890. Manual filers must also submit a letter briefly summarizing the changes to Amy Zoslov (and a courtesy copy to Anne Napoli) at the above 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 Tuesday, December 1, 1998, 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 VHF Public Coast Service licenses, and will follow the rules governing the VHF Public Coast Service 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 $175,000, corresponding to 175,000 bidding units. The auction will simulate the

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[4] *See Auction Notice and Filing Requirements Public Notice* at 11.

[5] *See Auction Notice and Filing Requirements Public Notice* at 4 and Attachment B.

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 Tuesday, December 1, 1998 will be:

Round 1
Bidding Period   9:00 a.m. - 10:00 a.m. ET
Round Results   10:00 a.m. - 10:15 a.m. ET

Round 2
Bidding Period   10:30 a.m. - 11:30 a.m. ET
Round Results   11:30 a.m. - 11:45 a.m. ET

Lunch   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. - 1:45 p.m. ET

Round 4
Bidding Period   2:00 p.m. - 2:30 p.m. ET
Round Results   2:30 p.m. - 2:45 p.m. ET

Round 5
Bidding Period   3:00 p.m. - 3:30 p.m. ET
Round Results   3:30 p.m. - 3:45 p.m. ET

Round 6
Bidding Period   4:00 p.m. - 4:30 p.m. ET
Round Results   4:30 p.m. - 4:45 p.m. ET

Eligible VHF Public Coast Service 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 VHF Public Coast Service 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 Wednesday, November 25, 1998. *See* Attachment E 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). Also, 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 Jeff Garretson or Anne Napoli, Auctions & Industry Analysis Division, Wireless Telecommunications Bureau, at (202) 418-0660. Questions about software or hardware should be directed to Technical Support at (202) 414-1250.

FCC VHF Public Coast Station Auction
Auction ID:20
Qualified Bidders - Public Notice

(Sorted by Applicant)
Date of Report: 11/18/98
The following applicants have been found 'Qualified':

FCC Account #	Name	Upfront Payment	Maximum Eligibility (Bid - Units)
0200902412	American Pacific Inc.	$81,403.00	81,403
0201116112	DATA RADIO MANAGEMENT CO., INC.	$52,877.00	52,877
0202020457	RadioLink Corporation	$11,209.00	11,209
0201718339	SCOTT COMMUNICATIONS, INC.	$8,748.00	8,748
0200849342	SHARRON L ROTH	$2,500.00	2,500
0201309212	SMR Systems, Inc.	$2,500.00	2,500
0201052541	WJG MariTEL Corporation	$174,864.00	174,864
0201721241	Warren C. Havens	$175,000.00	175,000

FCC VHF Public Coast Station Auction
Auction ID:20
Qualified Bidders - Public Notice

(Sorted by Applicant)
Date of Report: 11/18/98
The following Applicants have been found 'Qualified':

FCC Account #	Name	Waiver Requested
0200902412	American Pacific Inc.	

  The following License(s):
ALL

0201116112	DATA RADIO MANAGEMENT CO., INC.	

  The following License(s):
ALL

0202020457	RadioLink Corporation	

  The following License(s):
VPC037-VPC041-VPC042

0201718339	SCOTT COMMUNICATIONS, INC.	

The following License(s):
VPC002-

0200849342	SHARRON L ROTH	

The following License(s):
VPC036-

0201309212	SMR Systems, Inc.	

The following License(s):
ALL

0201721241	Warren C. Havens	

The following License(s):
ALL

0201052541	WJG MariTEL Corporation	

The following License(s):
ALL

FCC VHF Public Coast Station Auction
Non-Qualified Bidders
Auction ID:20

(Sorted by Applicant)
Date of Report: 11/18/98

FCC Account #	Name
0201453261	Bachow/Coastel, LLC
0201113071	DataMarine International, Inc.
0201412357	Net Radio Group Communications

Attachment D

FCC Remote Bidding System Hardware and Software Requirements

At a minimum, bidders need the following hardware and software:

- CPU: Intel® Pentium or above
- RAM: 16 MB (more recommended if you have multiple applications open)
- Hard Disk: 33 MB available disk space
- 1.44 MB Floppy Drive or CD-ROM Drive (to install the Remote Bidding System)
- Modem: v.32bis 14.4 kbps Hayes© compatible modem
- Monitor: VGA or above
- Mouse or other pointing device
- Microsoft® Windows 95™ or Microsoft® Windows 98™
- Netscape® Communicator™ 4.05 with JDK 1.1, or higher version of Netscape

For questions regarding the above please contact Jeff Garretson at 202/ 418-7533 or technical support at 202/ 414-1250.

Attachment E

DOWNLOADING AND INSTALLING
THE FCC MOCK BIDDING SYSTEM

This attachment describes how to download and install the FCC Mock Bidding System 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://wtbwww01.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

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

To create optional backup installation disks for the FCC Mock Bidding System, you will need the following:

o   1.44-MB 3.5" floppy drive
o   Five blank MS-DOS® formatted 1.44-MB floppy disks

Minimum Software Requirements

o   Microsoft® Windows 95™ or 98™
o   FCC Mock Bidding System software (available through the Internet and the FCC Bulletin
        Board System)
o   Netscape® Communicator™ 4.05 with JDK 1.1 or higher version of Netscape.

Note: The FCC Mock Bidding System 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 System

FCC Mock Auction participants must first download the FCC Mock Bidding System from either the Internet or the FCC Bulletin Board System. Participants must download the following compressed files to install the software:

mk95v44a.exe, mk95v44b.exe, mk95v44c.exe, mk95v44d.exe, mk95v44e.exe

Download Method 1: Internet Access

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

Downloading from *wtbwww01.fcc.gov*:

1.   Connect to your Internet service provider and start your Web browser.

2.   Enter the following location: ***http://wtbwww01.fcc.gov***

3.   Click on **Mock**

4.   Click on **Programs**

5. Download the following files: **mk95v44a.exe, mk95v44b.exe, mk95v44c.exe, mk95v44d.exe, mk95v44e.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 **Public Coast Stations** under *Future*.

5. Click on **Mock Auction Software**

6. Download the following files: **mk95v44a.exe, mk95v44b.exe, mk95v44c.exe, mk95v44d.exe, mk95v44e.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 System. 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**. 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:

	o	To mark an individual file, enter its line number.

	o	To mark a range of files, enter *m* (for *Mark*) and then enter the range of files in response to the prompt. For example, to mark files 6 through 12, enter *6-12* at the prompt.

	o	To unmark a file, enter its number again. You can also use Mark to unmark a range of files.

	Mark the following files for download:

	mk95v44a.exe, mk95v44b.exe, mk95v44c.exe, mk95v44d.exe, mk95v44e.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 the FCC Mock Bidding System

The FCC Mock Bidding System files are downloaded in a self-extracting, compressed file format. When you have downloaded **all** of the compressed files for the FCC Mock Bidding System, you must extract the software from those files.

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 **mk95v44a.exe**. A message will appear listing the default directory to which the software will extract. If this directory does not exist, it will be created automatically.

3. Click **Unzip** to begin extracting the software from the compressed file.

4. When the extraction is complete, a message appears listing the number of files that were unzipped. Click **OK** and repeat the above process for the remaining compressed files:

   mk95v44b.exe, mk95v44c.exe, mk95v44d.exe, and **mk95v44e.exe**.

   Be sure to extract to the *same* directory as the first compressed file.

Installing the FCC Mock Bidding System

After you extract the software from the compressed files, you must install the FCC Mock Bidding System.

Following are instructions for how to install the software:

1.   Start Windows Explorer and open the file folder to which you extracted the software.

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

3.   When the setup program begins, a screen appears listing the default directory to which the software will install. Click the **Install** button, then click **OK** to install to the specified directory. If the directory does not exist, the setup program will create it automatically.

4.   A screen appears prompting you to enter the location of your Web browser. Click the **Browse** button to locate the browser executable or type the full path to the browser. Click **OK** to continue the installation.

5.   When the *DOS System File Modifications* screen appears, click **Save** to allow the setup program to modify or create the autoexec.bat file.

6.   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. Click **Restart** to restart Windows, or click **Stay Here** to restart at a later time. Do not use the FCC Mock Bidding System until you restart Windows.

7.   After the FCC Mock Bidding System has been installed, you will have a new Program group called *FCC Mock Bidding System* with the following icons: *FCC Mock Bidding System* and *Uninstall*.

Creating Backup Installation Disks for the FCC Mock Bidding System

You can create optional backup installation disks for the FCC Mock Bidding System *after* you have extracted the software. Open the file folder where you extracted the software and do the following:

1.   Copy **setup.exe** to disk 1
2.   Copy **setup.001** to disk 2
3.   Copy **setup.002** to disk 3
4.   Copy **setup.003** to disk 4
5.   Copy **setup.004** to disk 5

Connecting to the FCC Network

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

Using the FCC Mock Bidding System

Before running the FCC Mock Bidding System, you must connect to the FCC Network via the FCC Auctions 800# or via the FCC Auctions 900# that you will use during Auction 20.

> **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 System by clicking the **Start** button, then select **Programs** and **FCC Mock Bidding System**. Click on the **FCC Mock Bidding System** icon.

> *Important:* Disable any screen saver software before using the FCC Mock Bidding System.

Uninstalling the FCC Mock Bidding System

To uninstall the FCC Mock Bidding System, double-click on the **Uninstall** icon in the *FCC Mock Bidding System* program group. Click **Start** to uninstall the software.

Help

For technical assistance with installing or using the FCC Mock Bidding System, 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 F

FILE FORMATS

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

Please note that the directory structure for the results files has been changed to the following and these file structures replace those described on page 123 of the VHF Public Coast Service Auction Bidder Information Package. The newest round results are uploaded to the *Results* directory based on type of file format: dbf, mdb, and txt.

- pub/Auctions/VPC/Auction_20/Results/dbf
- pub/Auctions/VPC/Auction_20/Results/mdb
- pub/Auctions/VPC/Auction_20/Results/txt

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

On *wtbwww01.fcc.gov*:

Rounds 1-50	pub/Auctions/VPC/Auction_20/Results/dbf/D001_050
Rounds 51-100	pub/Auctions/VPC/Auction_20/Results/dbf/D051_100
Rounds 101-102	pub/Auctions/VPC/Auction_20/Results/dbf
Rounds 1-50	pub/Auctions/VPC/Auction_20/Results/mdb/M001_050
Rounds 51-100	pub/Auctions/VPC/Auction_20/Results/mdb/M051_100
Rounds 101-102	pub/Auctions/VPC/Auction_20/Results/mdb
Rounds 1-50	pub/Auctions/VPC/Auction_20/Results/txt/T001_050
Rounds 51-100	pub/Auctions/VPC/Auction_20/Results/txt/T051_100
Rounds 101-102	pub/Auctions/VPC/Auction_20/Results/txt

On *www.fcc.gov*:

Rounds 1-50	pub/Auctions/VPC/Auction_20/Results/dbf/D001_050
Rounds 51-100	pub/Auctions/VPC/Auction_20/Results/dbf/D051_100
Rounds 101-102	pub/Auctions/VPC/Auction_20/Results/dbf
Rounds 1-50	pub/Auctions/VPC/Auction_20/Results/mdb/M001_050

Rounds 51-100	pub/Auctions/VPC/Auction_20/Results/mdb/M051_100
Rounds 101-102	pub/Auctions/VPC/Auction_20/Results/mdb
Rounds 1-50	pub/Auctions/VPC/Auction_20/Results/txt/T001_050
Rounds 51-100	pub/Auctions/VPC/Auction_20/Results/txt/T051_100
Rounds 101-102	pub/Auctions/VPC/Auction_20/Results/txt

Tracking the FCC Mock Auction

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

- pub/Auctions/Mock/Auction_74/Results/dbf
- pub/Auctions/Mock/Auction_74/Results/mdb
- pub/Auctions/Mock/Auction_74/Results/txt

Auction Tracking Tool File Format

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

HIGH BIDS BY MARKET table

Auction Id	Long Integer
Round	Long Integer
License Name	Text (9)
Major Grouping	Text (6)
Minor Grouping	Text (6)
Block	Text (2)
Market Name	Text (50)
Population	Long Integer
BUs	Long Integer
High Bidder	Text (50)
Round of High Bid	Long Integer
Gross	Currency
Bidding Credit	Single
Net	Currency
Bid Increments	Long Integer
Prev High Bidder	Text (50)
Round of Prev High Bid	Long Integer

Prev Gross	Currency
Prev Bidding Credit	Single
Prev Net	Currency

MARKET INFORMATION table

Auction Id	Long Integer
Round	Long Integer
License Name	Text (9)
Major Grouping	Text (6)
Minor Grouping	Text (6)
Block	Text (2)
Market Name	Text (50)
Population	Long Integer
Bidding Units	Long Integer
Bids	Long Integer
Min Acceptable Bid	Currency
Selected	Long Integer
All Selected	Long Integer

WITHDRAWAL STATISTICS table

Auction Id	Long Integer
Withdrawal Number	Long Integer
Bidder	Text (50)
Market	Text (6)
Block	Text (2)
Round	Long Integer
Gross	Currency
Net	Currency
Min Bid	Currency
New High Bidder	Text (50)
High Bid Round	Long Integer
Gross High Bid	Currency
Net High Bid	Currency

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 AND BIDDERS table

Auction Id	Long Integer
Round	Long Integer
Market	Text (6)
Block	Text (2)
Bidder	Text (50)
Bid Amount	Currency
Net Bid Amount	Currency

MISCELLANEOUS STATISTICS table

Auction Id	Long Integer
Round	Long Integer
Eligible Bidders	Long Integer
Eligibility Ratio	Single
Pctg of BUs Covered	Single
Waivers	Long Integer
Bids Withdrawn	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

ACTIVITY OF BIDDERS table

Auction Id	Long Integer
Round	Long Integer
Bidder Name	Text (50)
FCC Acct	Text (10)
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

ACTIVITY OF BIDDERS table (cont'd)

Unused Elig from Prev Round	Long Integer

ELIGIBILITY OF BIDDERS table

Auction Id	Long Integer
Round Long	Integer
Bidder Name	Text (50)
FCC Acct	Text (10)
Bidding Credit	Single
Initial Eligibility	Long Integer
Current Eligibility	Long Integer
Change in Eligibility	Long Integer
Waivers Remaining	Long Integer
Withdrawals Remaining	Long Integer

BIDDERS WHO REDUCED table

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

REDUCTION STATISTICS table

Auction Id	Long Integer
Round	Long Integer
Bidders Who Reduced	Long Integer
BUs Reduced	Long Integer
Bidders at Risk	Long Integer
Withdrawals	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 High Bids	Currency
Net High Bids	Currency
Dollar Change in	
Net High Bids	Currency

ROUND STATISTICS table (cont'd)
| Pctg Change in | |
| Net High Bids | Single |

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

HIGH_BIDS file
market	char(6)
freq_block	char(2)
bid_round_num	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

MAXIMUM_ELIGIBILITY file
round_num	numeric
bidder_num	numeric
fcc_acct	char(10)

MAXIMUM_ELIGIBILITY file (cont'd)
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_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

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

Attachment G

ACCESSING THE FCC NETWORK USING
WINDOWS 95/98

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

Conventions

The instructions in this section use the following typographical conventions:

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

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

bold italic   Represents characters that you must type exactly as they appear in the instructions. For example, if you are instructed to type ***http://wtbwww03.fcc.gov***, you should type all of the characters shown in bold italic exactly as they are printed.

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

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

Configuring Dial-Up Networking

1.   To start dial-up networking:

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

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

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

3. The Make New Connection window appears.   In the field titled *Type a name for the computer you are dialing*:

    Type *FCC Auctions 800#* if you wish to connect to the FCC Network during the Mock Auction.

    Type *FCC Auctions 900#* if you wish to test your connection on the 900# that will be used during Auction 20.

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

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

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

5. Click the **Next** button.

6. If you wish to connect to the FCC Network during the Mock Auction, type *800* and *378-7435* in the *Area Code* and *Telephone Number* fields.

    If you wish to test your connection on the 900# that will be used during Auction 20, type *900* and *555-5335* in the *Area Code* and *Telephone Number* fields.

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

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

8. Click the **Next** button.

9.   Click the **Finish** button.

        An icon labeled either *FCC Auctions 800#* or *FCC Auctions 900#* appears in the Dial-Up Networking window.

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

11.   Click the **Configure** button. Click the **Options** tab at the top of the Properties window.

12.   In the *Connection control* area of the Options tab, verify that *neither* option is selected. If either option is selected, click the check box at the left of the option to deselect it. Then click **OK**.

13.   In Windows 95, click the **Server Type...** button.

        In Windows 98, click the **Server Types** tab at the top of the Properties window.

14.   In the *Advanced Options* area, verify that only *Enable software compression* is selected. If it is not selected, click the check box at the left of the option to select it. If either of the other options is selected, click the check box to deselect it.

15.   In the *Allowed Network Protocols* area, verify that only *TCP/IP* is selected.

        If it is not selected, click the check box at the left of the option to select it. If either of the other options is selected, click the check box to deselect it.

16.   Click the **TCP/IP Settings** button and select *Specify name server addresses*.

17.   Type *165.135.22.249* as the Primary DNS.

18.   Click **OK** on the TCP/IP Settings window and the Server Type window.

Dial-Up Procedure

1.   If the Dial-Up Networking window is not currently open, do the following:

        a.   Click the Windows 95/98 **Start** button.
        b.   Click the **Programs** option to display the Programs menu.
        c.   Click the **Accessories** option to display the Accessories menu.

       d.   In Windows 95, click **Dial-Up Networking**
                In Windows 98, click **Communications**, then **Dial-Up Networking**.

The Dial-Up Networking window appears.

2.   In the Dial-Up Networking window:

Double-click the **FCC Auctions 800#** icon if you wish to connect to the FCC Network during the Mock Auction.

Double-click the **FCC Auctions 900#** icon if you wish to test your connection to the 900# that will be used during Auction 20.

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.

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

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

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

4.   Once the connection is established, start the **FCC Mock Bidding System**.

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

Troubleshooting

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

Modem does not respond

1.   Confirm that all physical connections for the modem are present.

2.   Confirm that the phone line is active by connecting it to a telephone and checking for a dial-tone.

3.   If you are dialing the 900 number service, check for a 900 number telephone block. If the

volume settings are low, the modem may be dialing but not connecting. Check for this by trying to connect to the 800 number, or by dialing the 900 number on that line using a telephone.

4. Confirm that the correct modem driver is installed for your modem.

Modem dials but does not connect

1. If you are dialing the 900 number service, check for a 900 number telephone block. Check for this by dialing the 800 number to see if you connect, or by dialing the 900 number on that line using a telephone.

2. Confirm that the number the modem is dialing is correct.

3. Confirm that the modem prefix, if any, is correct.

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

1. If your Internet Service Provider adds numbers to the *DNS Server Search Order* list in your Dial-Up Adapter's TCP/IP protocol, you will need to add the FCC's Primary DNS number as well. Do the following:

    a. Click the Windows 95/98 *Start* button, then click the *Settings* option to display the Settings menu.

    b. Click *Control Panel* and then double-click the *Network* icon.

    c. Highlight the TCP/IP Protocol and click *Properties*. If there are multiple TCP/IP protocols, highlight TCP/IP --> Dial-Up Adapter and click *Properties*.

    d. Click the *DNS Configuration* tab.

    e. Ensure *Enable DNS* is selected and type **165.135.22.249** in the DNS Server Search Order box, then click the *Add* button.

    f. Click *OK* on the TCP/IP Properties windows, then click *OK* on the Network windows.

    g. If you are prompted to restart your computer, click *Yes* to restart, then reconnect to the FCC Network.

2. Verify the properties in your dial-up networking icon, particularly that the Primary DNS is set to 165.135.22.249 and that TCP/IP is the only selected protocol.

3.   Confirm that your Web browser is not using proxies.

Receive an Internal Server error in the Web browser

1.   Confirm that the *Location* is correct.

2.   Confirm that *JavaScript* is enabled in your Web browser.

Help

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