



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET, N.W.
WASHINGTON, D.C. 20554

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DA 97-2222
October 17, 1997

AUCTION OF SPECIALIZED MOBILE RADIO SERVICES

61 Qualified Bidders

Report No. AUC-97-16-F (Auction No. 16)

This Public Notice identifies the 61 applicants who have been found qualified to bid in Auction No. 16 for 525 800 MHz Specialized Mobile Radio licenses, which is scheduled to begin on Tuesday, October 28, 1997. This Public Notice contains bidding instructions and other important information regarding the auction.

Attachment A lists each of the 61 qualified bidders. Attachment A also lists each qualified bidder's upfront payment and maximum eligibility in bidding units.

Attachment B lists the licenses that were listed on each qualified bidder's FCC Form 175. On Attachment B, an asterisk indicates that an applicant has filed an application that includes a waiver request.

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

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.¹ The following information provides additional guidance.

See In the Matter of 800 MHz SMR Upper 10 MHz Band--Minimum Opening Bid or Reserve Prices, Order, DA 97-2147 (released October 6, 1997); Public Notice, "Auction of 800 MHz Specialized Mobile Radio Service Licenses--Status of Applications to Participate in Auction," DA 97-2153 (released October 3, 1997); Public Notice, "Comment Sought on Balanced Budget Provisions Calling for Reserve Prices or Minimum Opening Bids in FCC Auctions," DA 97-1933 (released September 5, 1997); Public Notice, "FCC Announces Changes to Auction Procedures for the 800 MHz SMR

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. Additional information will be included in both mailings, including remote bidding system software and other general information. 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 (supplied by FCC mailing)

Any applicant listed as a qualified bidder in Attachment A to this Public Notice who has not received both registration mailings by noon, October 24, 1997, should contact the FCC at 888-225-5322. Callers should press the key for auction inquiries, and ask to speak to Kathy Garland. 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, who filed their FCC Form 175 electronically, must purchase the Commission's electronic bidding software. This software has been updated for the 800 MHz SMR 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 who 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. The FCC will correct any problems within Commission-controlled facilities. Bidders are solely responsible for anticipating and overcoming problems such as bidder computer crashes, local

telephone service interruptions, adverse local weather conditions, unavailability of authorized bidders, or loss 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. This number can also be used by electronic bidders as an alternate method of bidding in the event they are not able to submit their bids electronically.

Bidding Schedule. The schedule for Tuesday, October 28 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 schedule, beginning on Wednesday, October 29 and continuing until further notice will be:

Bidding Period	9:00 a.m. - 9:40 a.m. ET
Round Results	9:40 a.m. - 10:00 a.m. ET
Bidding Period	11:00 a.m. - 11:40 a.m. ET
Round Results	11:40 a.m. - 12:00 p.m. ET
Bidding Period	2:00 p.m. - 2:40 p.m. ET
Round Results	2:40 p.m. - 3:00 p.m. ET
Bidding Period	4:00 p.m. - 4:40 p.m. ET
Round Results	4:40 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 in the 800 MHz SMR auction. See In the Matter of 800 MHz SMR Upper 10 MHz Band--Minimum Opening Bids or Reserve Prices, *Order* (released October 6, 1997). The minimum opening bids will be set at the upfront payment amounts specified in our *Public Notice* released August 6, 1997, and are subject

to reduction at the discretion of the FCC. 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 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. Help can be obtained through the following telephone numbers:

FCC Bidder Line	Use telephonic bid number supplied in registration mailing
FCC Auctions Division (legal or policy questions)	202-418-0660
FCC Technical Support Hotline	202-414-1250

Monitoring Round Results. Attachment E to this Public Notice provides instructions for reviewing and downloading round results, and other material related to the 800 MHz SMR auction released by the Commission during the course of the auction.

Auction Tracking Tool. A software tool for tracking the progress of the auction will be made available via the Internet at <http://www.fcc.gov/wtb/auctions/smr200u2.html> and the FCC Auctions Bulletin Board System.

The tracking tool is a Microsoft © Excel™ v5.0 WorkBook, which runs on Microsoft Windows™ v3.1 and Windows for WorkGroups™ v3.11. With this auction tracking tool, bidders can import round results and analyze the bidding in the auction. Technical support for the tracking tool can be obtained by calling the FCC Technical Support Hotline. Please review the information included with the tracking tool README file thoroughly before calling technical support.

User Requirements. This software is not designed for novice computer users. To be used effectively, you must have extensive experience with:

- * Microsoft Windows
- * Microsoft Excel v5.0
- * the FCC simultaneous multiple-round auction format

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

- * Microsoft Windows v3.1+ or Windows for WorkGroups 3.11
- * Microsoft Excel v5.0 or later
- * 8MB of available hard disk space
- * 16MB of RAM and a Pentium™ based processor are highly recommended

Amendments to FCC Form 175s. Applicants are responsible for the continuing accuracy and completeness of information furnished in their FCC Form 175 and its 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. Filers should make modifications to their FCC Form 175s electronically, and submit a letter briefly summarizing the changes to:

Kathleen O'Brien Ham
 Chief, Auctions Division
 Wireless Telecommunications Bureau
 Federal Communications Commission
 Washington, D.C. 20554

with a courtesy copy to Alice Elder either sent to the same address or faxed to 202-418-2082.

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).

Mock Auction. The FCC will conduct a mock electronic auction on Thursday, October 23, 1997 to allow bidders to familiarize themselves with the electronic bidding software and the new bidding procedures. This mock auction will be open only to qualified bidders. Pre-registration will not be required.

This mock auction will include all 525 800 MHz SMR licenses, and will follow the rules governing the 800 MHz SMR auction. The program will assume that each bidder applied for 525 licenses and submitted upfront payments of \$3,176,273, corresponding to 3,176,273 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 will consist of four rounds, with the following schedule:

Bidding Period	9:00 a.m. - 10:00 a.m. ET
Round Results	10:00 a.m. - 10:30 a.m. ET
Bidding Period	11:00 a.m. - 12:00 p.m. ET
Round Results	12:00 p.m. - 12:30 p.m. ET

Bidding Period	2:00 p.m. - 3:00 p.m. ET
Round Results	3:00 p.m. - 3:30 p.m. ET
Bidding Period	4:00 p.m. - 5:00 p.m. ET
Round Results	5:00 p.m. - 5:30 p.m. ET

Eligible 800 MHz SMR bidders who wish to participate in the mock auction must establish a PPP connection to the FCC Auction Network through either a 202-area-code number or a 900 number, as selected through the mock auction software. (The FCC 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 800 MHz SMR 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 October 21, 1997. See Attachment D for downloading 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.

For additional information regarding this Public Notice, please contact Ruby Hough or Alice Elder, Auctions Division, Wireless Telecommunications Bureau, at 202-418-0660.

**FCC 800MHz SMR-Upper 200 Channels Auction
 Qualified Bidders - Public Notice
 Auction ID: 16**

ATTACHMENT A

(Sorted by Applicant)

Date of Report: 10/17/97

The following Applicants have been found 'Qualified':

FCC Account #	Name	Upfront Payments	Maximum Eligibility (Bid - Units)
0161701092	A P W ELECTRONICS INC.	18,447.00	18,447
0161304389	AP&T Wireless, Inc.	28,000.00	28,000
0161810153	Adams Telcom, Inc.	24,987.00	24,987
0161822574	Airlinx, G.P.	170,143.00	170,143
0161432065	Alaska Independent Radio Comm., LLC dba AirCom	27,504.00	27,504
0161126371	Alpha Communication Sites Inc.	32,820.00	32,820
0161731133	Arthur Patrick d.b.a. Lawton Communications	36,015.00	36,015
0161504306	Atlantic Communications Inc.	12,000.00	12,000
0161638116	Bay Electronics, Inc.	38,283.00	38,283
0161619164	C&W Communications, Inc.	28,943.00	28,943
0161244387	CELLUTECH	21,000.00	21,000
0161434115	Capital Digitronics, Inc.	42,500.00	42,500
0161328319	Chariton Valley Communication Corporation	52,594.00	52,594
0161828593	Clark Communications Inc	13,838.00	13,838
0161044005	ComServ, Inc.	84,393.00	84,393
0161809047	Communications Equipment Company, L.L.C.	16,750.00	16,750
0161647116	Communications Maintenance, Inc.	178,944.00	178,944
0161304561	Communications Pacfic Inc.	10,600.00	10,600
0161231423	DOMER COMMUNICATION, INC.	25,324.00	25,324
0161002556	David B. Diffley	50,000.00	50,000
0161459521	Electronic SMR Communication Services	230,000.00	230,000
0161505456	HTC COMMUNICATIONS	90,096.00	90,096
0161530259	Hawaiian SMR Company	150,000.00	150,000
0161327569	High Tech Communications Services, Inc.	18,120.00	18,120
0161615359	IE Communications, Inc.	37,056.00	37,056
0161445508	James E. Treach D.B.A. A Communications	30,000.00	30,000
0161925092	Jamestown Communications, Inc.	28,231.00	28,231
0161123309	L. P. Ganacias Enterprises, Inc. dba RadioCom	17,000.00	17,000
0161901127	MID-STATES WIRELESS, INC.	57,759.00	57,759
0161230144	Mobex Communications, Inc.	510,480.00	510,480
0161310031	Morris Communications, Inc.	21,223.00	21,223
0161631338	Mountain Communications, Inc.	13,621.00	13,621
0161806027	Mountain SMR Group	5,542.00	5,542
0162004528	Nathan Sherman Enterprises, Inc.	27,550.00	27,550
0161500229	Nevada Wireless	200,000.00	200,000
0161321207	New Spectrum Partnership, L.P.	8,000.00	8,000
0161622566	Nextel License Acquisition Corp.	12,705,090.00	12,705,090
0161203599	North Sight Communications, Inc.	181,194.00	181,194
0161123319	Northeast Communications of Wisconsin, Inc.	200,000.00	200,000
0161707564	Omega Cellular Partners, L.C.	81,800.00	81,800
0161104176	PLATTE VALLEY COMMUNICATIONS OF KEARNI	2,500.00	2,500
0161340299	Porta-Phone Paging Licensee Corp.	37,029.00	37,029
0161620061	Puri Capital Corp.	41,863.00	41,863
0161615206	Qualicom Systems Inc.	24,426.00	24,426

**FCC 800MHz SMR-Upper 200 Channels Auction
 Qualified Bidders - Public Notice
 Auction ID: 16**

ATTACHMENT A

(Sorted by Applicant)

Date of Report: 10/17/97

The following Applicants have been found 'Qualified':

FCC Account #	Name	Upfront Payments	Maximum Eligibility (Bid - Units)
0161802104	Racom Corporation	366,000.00	366,000
0161746224	Radio-Comm Services Inc.	24,000.00	24,000
0161145075	Redbank Communications	73,388.00	73,388
0161846102	Reidy, Rhodes & Taylor Inc.	7,790.00	7,790
0161727078	STC Netcom, Inc.	14,156.00	14,156
0161556489	Silver Palm Communications, Inc.	35,000.00	35,000
0161050497	Skitronics, Inc.	21,302.00	21,302
0161759272	Southern Company	1,013,954.00	1,013,954
0161142477	Stone's Mobile Radio, Inc.	13,338.00	13,338
0161655057	Supreme Radio Communications, Inc.	26,187.00	26,187
0161128418	Tallahassee Communications, Inc.	21,447.00	21,447
0161849136	Team Electronics	7,500.00	7,500
0161715269	Telebeeper of New Mexico, Inc.	9,999.00	9,999
0161354289	Teton Communications, Inc.	11,451.00	11,451
0161005269	The Alpha Group, L.L.C.	88,742.00	88,742
0161535071	Western Communications, Inc.	11,491.00	11,491
0161618369	ZipWave LLC	800,000.00	800,000

**FCC 800MHz SMR-Upper 200 Channels Auction
 Qualified Bidders - Public Notice
 Auction ID: 16**

ATTACHMENT B

(Sorted by Applicant)

Date of Report: 10/17/97

The following Applicants have been found 'Qualified':

FCC Account #	Name	The following License(s)	Waiver Requested
0161701092	A P W ELECTRONICS INC.	E130-A E130-B	
0161304389	AP&T Wireless, Inc.	ALL	
0161810153	Adams Telcom, Inc.	E097-A E097-B E097-C	
0161822574	Airlinx, G.P.	E096-A E096-B E096-C	
0161432065	Alaska Independent Radio Comm., LLC dba AirCom	ALL	
0161126371	Alpha Communication Sites Inc.	ALL	
0161731133	Arthur Patrick d.b.a. Lawton Communications	E125-A E125-B E126-A E126-B	
0161504306	Atlantic Communications Inc.	ALL	
0161638116	Bay Electronics, Inc.	ALL	
0161619164	C&W Communications, Inc.	E090-A E090-B	
0161244387	CELLUTECH	ALL	
0161434115	Capital Digitronics, Inc.	ALL	
0161328319	Chariton Valley Communication Corporation	E094-A E094-B E094-C E098-A E098-B E098-C	
0161828593	Clark Communications Inc	E147-A E147-B E147-C	
0161044005	ComServ, Inc.	ALL	
0161809047	Communications Equipment Company, L.L.C.	E093-A E093-B E093-C E094-A E094-B E094-C	
0161647116	Communications Maintenance, Inc.	E067-A E067-B E067-C E069-A E069-B E069-C	
0161304561	Communications Pacific Inc.	E173-A E173-B E173-C	
0161231423	DOMER COMMUNICATION, INC.	E052-A E055-A	
0161002556	David B. Diffley	E152-A E152-B E152-C E153-A E153-B E153-C	
0161459521	Electronic SMR Communication Services	ALL	
0161505456	HTC COMMUNICATIONS	ALL	
0161530259	Hawaiian SMR Company	ALL	
0161327569	High Tech Communications Services, Inc.	E174-A	
0161615359	IE Communications, Inc.	E068-A E068-B E068-C E072-A E072-B E072-C E094-A E094-B E094-C E096-A E096-B E096-C E097-A E097-B E097-C E098-A E098-B E098-C	
0161445508	James E. Treach D.B.A. A Communications	E001-A E001-B E002-A E002-B E004-A E004-B E005-A E006-A E007-A E008-A E009-A E009-B E011-A E014-A E014-B E014-C E015-A E016-A E016-B E016-C E017-A E017-B E018-A E019-A E020-A E021-A E021-B E022-A E022-B E023-A E024-A E024-B E025-A E025-B E026-A E026-B E027-A E027-B E028-A E028-B E029-A E032-A E032-B E033-A E033-B E034-A E035-A E035-B E036-A E036-B E036-C E037-A E037-B E037-C E038-A E038-B E039-A E039-B E041-A E042-A E042-B E042-C E043-A E043-B E044-A E044-B E045-A E045-B E046-A E046-B E047-A E048-A E049-A E050-A E051-A E052-A E052-B E052-C E054-A E054-B E056-A E058-A E058-B E058-C E059-A E059-B E060-A E060-B E060-C E061-A E061-B E061-C E062-A E063-A E065-A E065-B E066-A E066-B E068-A E068-B E069-A E069-B E070-A E071-A E072-A E072-B E072-C E073-A E074-A E075-A E075-B E076-A E076-B E076-C E077-A E078-A E079-A E079-B E080-A E080-B E081-A E081-B E082-A E082-B E082-C E083-A E084-A E084-B E085-A E085-B E086-A E086-B E087-A E087-B E087-C E088-A E088-B E089-A E089-B E089-C E090-A E091-A E091-B E091-C E092-A E092-B E092-C E093-A E093-B E093-C E094-A E094-B E095-A E095-B E095-C E097-A E097-B E098-A E098-B E098-C	
0161445508	James E. Treach D.B.A. A Communications	E099-A E100-A E101-A E101-B E102-A E102-B E103-A E103-B E103-C E104-A E104-B E105-A E105-B E105-C E106-A E106-B E106-C E108-A E108-B E109-A E109-B E109-C E110-A E110-B E110-C E111-A E111-B E111-C E112-A E112-B E112-C E113-A E113-B E113-C E114-A E114-B E114-C E115-A E115-B E115-C	

**FCC 800MHz SMR-Upper 200 Channels Auction
 Qualified Bidders - Public Notice
 Auction ID: 16**

ATTACHMENT B

(Sorted by Applicant)

Date of Report: 10/17/97

The following Applicants have been found 'Qualified':

FCC Account #	Name	Waiver Requested
		E116-A E116-B E117-A E117-B E117-C E118-A E119-A E119-B E119-C E120-A E120-B E120-C E121-A E121-B E121-C E122-A E123-A E123-B E124-A E125-A E126-A E126-B E126-C E128-A E128-B E128-C E129-A E129-B E129-C E130-A E132-A E132-B E133-A E133-B E134-A E135-A E135-B E135-C E136-A E136-B E136-C E137-A E137-B E137-C E138-A E138-B E139-A E139-B E139-C E140-A E140-B E140-C E142-A E142-B E142-C E143-A E143-B E143-C E144-A E144-B E144-C E145-A E145-B E145-C E146-A E146-B E146-C E147-A E147-B E148-A E148-B E148-C E149-A E149-B E149-C E150-A E150-B E150-C E151-A E151-B E152-A E153-A E154-A E154-B E154-C E155-A E155-B E155-C E156-A E156-B E157-A E157-B E158-A E159-A E159-B E161-A E162-A E164-A E165-A E165-B E165-C E166-A E166-B E167-A E168-A E168-B E168-C E169-A E169-B E171-A E171-B E172-A E173-A E173-B E173-C E175-A E175-B E175-C
0161925092	Jamestown Communications, Inc.	The following License(s) ALL
0161123309	L. P. Ganacias Enterprises, Inc. dba RadioCom	The following License(s) E171-A E171-B E172-A E173-A E173-B E173-C
0161901127	MID-STATES WIRELESS, INC.	The following License(s) ALL
0161230144	Mobex Communications, Inc.	The following License(s) ALL
0161310031	Morris Communications, Inc.	The following License(s) ALL
0161631338	Mountain Communications, Inc.	The following License(s) E140-A E140-B E140-C E141-A E141-B E141-C E155-A E155-B E155-C
0161806027	Mountain SMR Group	The following License(s) E172-A
0162004528	Nathan Sherman Enterprises, Inc.	The following License(s) ALL
0161500229	Nevada Wireless	The following License(s) E139-A E139-B E139-C E143-A E143-B E143-C E144-A E144-B E144-C E145-A E145-B E145-C E146-A E146-B E146-C E147-A E147-B E147-C E148-A E148-B E148-C E149-A E149-B E149-C E150-A E150-B E150-C E151-A E151-B E151-C E152-A E152-B E152-C E153-A E153-B E153-C E154-A E154-B E154-C E155-A E155-B E155-C E156-A E156-B E156-C E164-A E164-B E164-C E165-A E165-B E165-C E166-A E166-B E166-C E167-A E167-B E167-C E168-A E168-B E168-C E169-A E169-B E169-C
0161321207	New Spectrum Partnership, L.P.	The following License(s) ALL
0161622566	Nextel License Acquisition Corp.	The following License(s) ALL
0161203599	North Sight Communications, Inc.	The following License(s) E174-A E174-B E174-C
0161123319	Northeast Communications of Wisconsin, Inc.	The following License(s) E058-A E058-B E058-C E059-A E059-B E059-C E060-A E060-B E060-C E068-A E068-B E068-C E097-A E097-B E097-C E100-A E100-B E100-C E101-A E101-B E101-C E102-A E102-B E102-C E103-A E103-B E103-C E104-A E104-B E104-C E105-A E105-B E105-C E106-A E106-B E106-C E108-A E108-B E108-C E109-A E109-B E109-C E110-A E110-B E110-C E111-A E111-B E111-C E112-A E112-B E112-C E113-A E113-B E113-C E114-A E114-B E114-C E115-A E115-B E115-C E116-A E116-B E116-C E117-A E117-B E117-C
0161707564	Omega Cellular Partners, L.C.	The following License(s) ALL
0161104176	PLATTE VALLEY COMMUNICATIONS OF KEARNEY	The following License(s) E120-A
0161340299	Porta-Phone Paging Licensee Corp.	The following License(s) ALL
0161620061	Puri Capital Corp.	The following License(s) ALL
0161615206	Qualicom Systems Inc.	The following License(s) E032-A E032-B E032-C
0161802104	Racom Corporation	The following License(s) ALL
0161746224	Radio-Comm Services Inc.	The following License(s) ALL
0161145075	Redbank Communications	The following License(s) ALL
0161846102	Reidy, Rhodes & Taylor Inc.	The following License(s) E029-A

**FCC 800MHz SMR-Upper 200 Channels Auction
 Qualified Bidders - Public Notice
 Auction ID: 16**

ATTACHMENT B

(Sorted by Applicant)

Date of Report: 10/17/97

The following Applicants have been found 'Qualified':

FCC Account #	Name		Waiver Requested
0161727078	STC Netcom, Inc.	The following License(s)	ALL
0161556489	Silver Palm Communications, Inc.	The following License(s)	ALL
0161050497	Skitronics, Inc.	The following License(s)	ALL
0161759272	Southern Company	The following License(s)	ALL
0161142477	Stone's Mobile Radio, Inc.	The following License(s)	E110-A E110-B E110-C
0161655057	Supreme Radio Communications, Inc.	The following License(s)	E101-A E101-B E101-C
0161128418	Tallahassee Communications, Inc.	The following License(s)	ALL
0161849136	Team Electronics	The following License(s)	ALL
0161715269	Telebeeper of New Mexico, Inc.	The following License(s)	ALL
0161354289	Teton Communications, Inc.	The following License(s)	ALL
0161005269	The Alpha Group, L.L.C.	The following License(s)	E100-A E100-B E107-B E114-B E115-A E116-A E116-B E116-C E117-A E117-B E117-C
0161535071	Western Communications, Inc.	The following License(s)	ALL
0161618369	ZipWave LLC	The following License(s)	ALL

FCC 800MHz SMR-Upper 200 Channels Auction
Non-Qualified Bidders
Auction ID: 16

ATTACHMENT C

(Sorted by Applicant)

Date of Report: 10/17/97

FCC Account # Name

0161246382	AAR ELECTRONICS, INC.
0161040012	ADVANCED COMMUNICATIONS & ELECTRONICS
0161253032	Applied Technology Group, Inc.
0161105276	Business Radio, Inc
0161138182	CEMSTONE PRODUCTS COMPANY
0161643437	CHATTANOOGA SMR INC.
0161151147	Castle Tower Corporation (PR)
0161119541	CoastCom, Inc.
0161031337	Communications Engineering Company
0161150107	Courtland P. Young
0161502563	Day Management Corporation d/b/a Clackamas Commun
0161528341	Digital Radio, L.P.
0161343021	Fifties Communications, Inc.
0160939412	GSS,LLC
0161620299	Harish C. Puri
0161050193	Integrated Communications, Inc.
0161709373	Kathleen L. Janssen
0161522366	LEON'S RADIO INC
0161131274	LMR International, Inc.
0161640143	Margaret Docter
0161709047	Midwestern Electronics Co.
0161653256	Mobile Relays, Inc.
0161749546	Mobile Relays, Inc.
0161415013	Montana TEL-NET, INC.
0161323387	Niles Radio Communications
0161613474	Radio Communications Co. Inc.
0161702222	Radio Communications Systems, Inc.
0161131237	S. K. Warren Communications, Inc.
0161626501	SEGNO Communications, Inc.
0161200011	Scott Beverly
0161724206	Telecellular, Inc.
0161154109	Timothy M. Spears
0161736482	Total Network Comm. dba T-NET Comm.
0161221065	Tri-County Communications, Inc.
0161127558	UNITED COMMUNICATIONS CO.

Attachment D

INSTRUCTIONS FOR DOWNLOADING AND INSTALLING THE FCC MOCK AUCTION BIDDING SYSTEM

Those qualified bidders who wish to participate in the FCC Mock Auction will need at a minimum the following hardware and software:

Hardware and Software Requirements:

- o CPU: Intel 80486 or above
- o RAM: 8MB RAM (more recommended if you intend to open multiple applications)
- o Hard Disk: 12MB available disk space
- o Modem: v.32bis 14.4kbps Hayes compatible modem
- o Monitor: VGA or above
- o Mouse or other pointing device
- o FCC Mock Auction Bidding System software (available through the Internet and the FCC Bulletin Board System)
- o Microsoft Windows 3.1 or Microsoft Windows for Workgroups v3.11
- o Internet browser software that is compatible with Netscape® Navigator™ 2.0 or Microsoft Explorer™ 3.0

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

- o 1.44MB 3.5" Floppy Drive
- o Three blank MS-DOS® formatted 1.44MB floppy disks

Note: The FCC Mock Auction Bidding System 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. 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 included with the FCC Mock Auction Bidding System. This usually includes any TCP/IP installed network protocol.

The PPP Dialer that is included with the FCC Mock Auction Bidding System 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*

Qualified bidders who wish to participate in the FCC Mock Auction must first download the software from either the Internet or the FCC Bulletin Board System. Participants must download the following compressed files to install the software:

mock41a.exe, mock41b.exe, mock41c.exe.

Download Method 1: Internet Access

You may download the compressed files from your Internet browser using either http or ftp, as described in the following sections.

- o **Internet Browser via http:** *http://www.fcc.gov*
 1. Connect to your Internet service provider and start your Internet browser.
 2. Enter the following location: *http://www.fcc.gov*
 3. Click on *Auctions*
 4. In the Auctions section to the right, click on *800 SMR (Up. 200)* under Future
 5. Click on *Mock Auction Software*
 6. Download the following files: **mock41a.exe, mock41b.exe, mock41c.exe**

- o **Internet Browser via ftp:**
ftp://wtbftp01.fcc.gov/Mock/Programs
or
ftp://ftp.fcc.gov/pub/Auctions/Mock/Programs
 1. Connect to your Internet service provider and start your Internet browser.
 2. Enter the following location: *ftp://wtbftp01.fcc.gov* or *ftp://ftp.fcc.gov*
 3. Click on the *pub* directory (only applies to *ftp.fcc.gov*)
Click on the *Auctions* directory (only applies to *ftp.fcc.gov*)

Click on the *Mock* directory
Click on the *Programs* directory

4. Download the following files: **mock41a.exe, mock41b.exe, mock41c.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 Auction Bidding System. To access the FCC Auction BBS, use a communications package that can handle at least Xmodem protocol (such as PcAnyWhere, Procomm, or Microsoft Terminal in Windows 3.x) 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.

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

- (b) Enter your last name.
- (c) When asked whether you want to create an account, enter **Y**.
- (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. (You may also enter **c**, the program accepts either case.)

Since C is the default (automatic) selection, you can also just press Enter to 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 **C**.
6. Enter **P** to select Program files.

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

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 or viewing, 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.

Use any of these techniques to mark the following files: **mock41a.exe**, **mock41b.exe**, **mock41c.exe**

9. When you have finished marking files, download them as follows:
 - (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., Xmodem or Zmodem).

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

- 10. Enter **X** to leave the BBS.

Extracting the FCC Mock Auction Bidding System

The FCC Mock Auction 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 Auction Bidding System, you must extract the software from those files. To extract the software, start File Manager in the Main Program group, open the file folder where you downloaded the files, and double-click on **mock41a.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. Click Unzip to begin extracting the software from the compressed file.

When the extraction is complete, a message will appear listing the number of files that were unzipped. Press OK and repeat the above process for the remaining compressed files (**mock41b.exe, mock41c.exe**). Be sure to extract to the **same** directory as the first compressed file.

Installing the FCC Mock Auction Bidding System

After you extract the software from the compressed files, you must install the FCC Mock Auction Bidding System. To install the software, start File Manager, open the file folder to which you extracted the software and double-click 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. Press Restart to restart Windows, or press Stay Here to restart at a later time. Do not use the FCC Mock Auction Bidding System until you restart Windows.

Creating Backup Installation Disks for the FCC Mock Auction Bidding System

To create backup installation disks for the FCC Mock Auction Bidding System, 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 FCC Mock Auction Bidding System

When the installation process is complete, you will have a new Program Manager group called FCC Mock Bidding System with the following icons: Configure PPP, PPP Dialer, Ping, FCC Mock Bidding System, Readme File, and Uninstall.

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

Double-click on an icon to start the respective system.

Uninstalling the FCC Mock Auction Bidding System

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

Please note that the Uninstall program will remove ALL versions of the software located in that installation directory.

Alternatively, you may uninstall the FCC Mock Auction Bidding System by deleting the directory to which you installed the software, then switching to Program Manager and deleting the FCC Mock Bidding System icons and group.

Round Results Files

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

16_xxxS.DBF [contains all bids submitted in a particular round]

16_xxxW.DBF [contains all bids withdrawn in a particular round]

16_xxxE.DBF [contains the maximum eligibility and remaining # of waivers for each bidder]

16_xxxH.DBF [contains the high bids in a particular round and the minimum bid increments for the next round] where xxx represents the round number.

For those that cannot use the dBase-compatible database files, we will also upload the ASCII text version of these files with the following naming conventions:

- 16_xxxS.TXT [contains all bids submitted in a particular round]
- 16_xxxW.TXT [contains all bids withdrawn in a particular round]
- 16_xxxE.TXT [contains the maximum eligibility and remaining # of waivers for each bidder]
- 16_xxxH.TXT [contains the high bids in a particular round and the minimum bid increments for the next round] where xxx represents the round number.

The following file will be uploaded at the beginning of the auction to map the bidder number to the FCC Account Number and company name:

- 16_XREF.DBF [contains the bidder name, FCC account number and bidder number]
- or
- 16_XREF.TXT [Same file in text format]

This file is used to identify which bidder is associated with each bid in the submission, withdrawal, high bids and bidder eligibility files.

Round Results File Formats

All Bids:

<u>Field</u>		<u>Length</u>
market		4
freq_block	2	
round_num	3	
bid_amt		11
bidder_num	4	
date		8
time		8
net_bid_amt	11	
sort_col_1	4	
sort_col_2	4	

Withdrawals:

<u>Field</u>		<u>Length</u>
market		4
freq_block	2	
bid_round		3
bid_amt		11

bidder_num	4	
date		8
time		8
net_bid_amt	11	
sort_col_1	4	
sort_col_2	4	

High Bids:

<u>Field</u>		<u>Length</u>
market		4
freq_block	2	
bid_round		3
bid_amt		11
bidder_num	4	
date		8
time		8
net_bid_amt	11	
min_accept	11	
num_of_bids	11	
sort_col_1	4	
sort_col_2	4	

Maximum Eligibility:

<u>Field</u>		<u>Length</u>
round_num	3	
bidder_num	4	
max_elig		11
rmng_waivr	3	
waivr_ind		1

Bidder Cross Reference:

<u>Field</u>		<u>Length</u>
bidder_num	4	
fcc_account_num		10
co_name		50
bidding_credit_pctg		3
short_name	10	

Help

Detailed instructions for using all FCC Remote Electronic Auction System software can be found in the readme file associated with the software and in the context-sensitive help function associated with each software system

For technical assistance in installing or using the FCC Mock Auction Bidding System, 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.

Attachment E

How to Monitor the FCC Auctions On-line

The auction announcements and round results for Auction 16 will be accessible through the FCC Wide Area Network, the Internet and the FCC Auction Bulletin Board System (BBS). You can check on round results and also read any material released by the Commission during the course of the auction. This fact sheet provides the information that you need to track the **October 28, 1997** auction from your computer.

Option 1: Accessing Auction Results via the FCC Wide Area Network

The FCC implemented a remote access system capable of allowing 500 concurrent users to dial in directly to the FCC to view round results, auction announcements and messages and to make suggestions to the FCC regarding the FCC auction process. The FCC will make the software available free-of-charge through the Internet and the Auction BBS. Installation and access instructions are included in the *readme.txt* associated with the software.

The remote access system software will be located in two locations on the Internet. The primary location will be ftp://wtbftp01.fcc.gov/pub/Auctions/SMR/800/Auction_16/Programs. The secondary location is ftp://ftp.fcc.gov/pub/Auctions/SMR/800/Auction_16/Programs. The software is in a self-extracting compressed file named *remacc40.exe*. The installation instructions for this software are located in *remacc40.txt* located in the same directory.

The file can also be downloaded from the BBS under A for Auction menu, B for Auctions 11-17 , 6 for Auction 16 and P for Programs. For additional information contact the FCC Technical Support Hotline at (202) 414-1250.

A charge of \$2.30 per minute will be applied to a user's telephone bill when this software is used for the FCC Auction Remote Access System (this includes Auction Announcements, Messages, Suggestion Box, and Round Results Reports).

Option 2: Accessing Auction Results via the Internet

World Wide Web:

<http://wtbwww01.fcc.gov> (Primary Location)
<http://www.fcc.gov> (Secondary Location)

Once you connect to the FCC web site, select Auctions. In the Auctions section, to the right, click on 800 SMR (Up. 200). Click on Data (Round Results), then select SMR 800 Auction Round Results under Auction #16.

Click on the file you wish to download.

OR

ftp://wtbftp01.fcc.gov (Primary Location)
ftp://ftp.fcc.gov (Secondary Location)

Once you connect to the FCC ftp server, select the following directory to download the most current files:

/pub/Auctions/SMR/800/Auction_16/Results

Click on the file you wish to download.

You can access the files through service providers such as America Online or Delphi. The files will be presented on the ftp.fcc.gov ftp Internet server. Go to this location and look for the files.

FTP: The following instructions are for the command line version of ftp.

1. Connect to one of the two FCC ftp servers by typing:
ftp wtbftp01.fcc.gov
or
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 Results directory by typing:
cd /pub/Auctions/SMR/800/Auction_16/Results[Enter]
6. Use the get command to download files from the FCC ftp server. For example, to get all bid submissions for round 10 in DBF format, type:
get 16_010S.DBF[Enter]
7. If you wish to exit, type:
bye[Enter]

Note: The FCC will establish archive directories for round results files on the Internet. After every 50 rounds, files will be moved from the Results directory to an archive directory. The newest round results files will continue to be uploaded to the Results directory.

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

rounds 1-50 *pub/Auctions/SMR/800/Auction_16/Results/R1-50*
rounds 51-100 *pub/Auctions/SMR/800/Auction_16/Results/R51-100*
rounds 101-102 *pub/Auctions/SMR/800/Auction_16/Results*

Files for rounds 103-150 would continue to be uploaded to the Results directory. After round 150, the files for rounds 101-150 would be archived. The newest files, for rounds 151-200, would be uploaded to the Results directory.

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

The FCC Auction Bulletin Board System (BBS) provides dial-in access for Auction Results. To access the FCC Auction BBS, use a communications package that can handle at least Xmodem protocol (such as PcAnyWhere, Procomm, or Microsoft Terminal in Windows 3.x) 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.

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

(b) Enter your last name.

(c) When asked whether you want to create an account, enter **Y**.

(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. (You may also enter **c**, the program accepts either case.)

Since **C** is the default (automatic) selection, you can also just press Enter to 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 Auction 16, enter **B** to select the second range.
6. On the Auctions Library Menu, enter the number of the auction you want. Enter **6**, in this case.

The Auction Menu appears.

7. Enter **R** to select Results.

The list of available files for Auction 16 appears. These files are sorted by date, with the most recent files at the beginning of the list.

8. To scroll downward to the next screen of file names, either press Enter or enter **C** for Continue. To scroll upward to the preceding screen of file names, enter **P** for Previous.

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

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

You can do the following:

- 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.

10. When you have finished marking files, download them as follows:

(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., Xmodem or Zmodem).

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

11. Enter **X** to leave the BBS.

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

Attachment D

INSTRUCTIONS FOR DOWNLOADING AND INSTALLING THE FCC MOCK AUCTION BIDDING SYSTEM

Those qualified bidders who wish to participate in the FCC Mock Auction will need at a minimum the following hardware and software:

Hardware and Software Requirements:

- o CPU: Intel 80486 or above
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- o Hard Disk: 12MB available disk space
- o Modem: v.32bis 14.4kbps Hayes compatible modem
- o Monitor: VGA or above
- o Mouse or other pointing device
- o FCC Mock Auction Bidding System software (available through the Internet and the FCC Bulletin Board System)
- o Microsoft Windows 3.1 or Microsoft Windows for Workgroups v3.11
- o Internet browser software that is compatible with Netscape® Navigator™ 2.0 or Microsoft Explorer™ 3.0

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

- o 1.44MB 3.5" Floppy Drive
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The PPP Dialer that is included with the FCC Mock Auction Bidding System 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*

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You may download the compressed files from your Internet browser using either http or ftp, as described in the following sections.

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 1. Connect to your Internet service provider and start your Internet browser.
 2. Enter the following location: *http://www.fcc.gov*
 3. Click on *Auctions*
 4. In the Auctions section to the right, click on *800 SMR (Up. 200)* under Future
 5. Click on *Mock Auction Software*
 6. Download the following files: **mock41a.exe, mock41b.exe, mock41c.exe**

- o **Internet Browser via ftp:**
ftp://wtbftp01.fcc.gov/Mock/Programs
or
ftp://ftp.fcc.gov/pub/Auctions/Mock/Programs
 1. Connect to your Internet service provider and start your Internet browser.
 2. Enter the following location: *ftp://wtbftp01.fcc.gov* or *ftp://ftp.fcc.gov*
 3. Click on the *pub* directory (only applies to *ftp.fcc.gov*)
Click on the *Auctions* directory (only applies to *ftp.fcc.gov*)

Click on the *Mock* directory
Click on the *Programs* directory

4. Download the following files: **mock41a.exe, mock41b.exe, mock41c.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 Auction Bidding System. To access the FCC Auction BBS, use a communications package that can handle at least Xmodem protocol (such as PcAnyWhere, Procomm, or Microsoft Terminal in Windows 3.x) 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.

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

- (b) Enter your last name.
- (c) When asked whether you want to create an account, enter **Y**.
- (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. (You may also enter **c**, the program accepts either case.)

Since C is the default (automatic) selection, you can also just press Enter to 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 **C**.
6. Enter **P** to select Program files.

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

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 or viewing, 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.

Use any of these techniques to mark the following files: **mock41a.exe**, **mock41b.exe**, **mock41c.exe**

9. When you have finished marking files, download them as follows:
 - (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., Xmodem or Zmodem).

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

- 10. Enter **X** to leave the BBS.

Extracting the FCC Mock Auction Bidding System

The FCC Mock Auction 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 Auction Bidding System, you must extract the software from those files. To extract the software, start File Manager in the Main Program group, open the file folder where you downloaded the files, and double-click on **mock41a.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. Click Unzip to begin extracting the software from the compressed file.

When the extraction is complete, a message will appear listing the number of files that were unzipped. Press OK and repeat the above process for the remaining compressed files (**mock41b.exe, mock41c.exe**). Be sure to extract to the **same** directory as the first compressed file.

Installing the FCC Mock Auction Bidding System

After you extract the software from the compressed files, you must install the FCC Mock Auction Bidding System. To install the software, start File Manager, open the file folder to which you extracted the software and double-click 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. Press Restart to restart Windows, or press Stay Here to restart at a later time. Do not use the FCC Mock Auction Bidding System until you restart Windows.

Creating Backup Installation Disks for the FCC Mock Auction Bidding System

To create backup installation disks for the FCC Mock Auction Bidding System, 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 FCC Mock Auction Bidding System

When the installation process is complete, you will have a new Program Manager group called FCC Mock Bidding System with the following icons: Configure PPP, PPP Dialer, Ping, FCC Mock Bidding System, Readme File, and Uninstall.

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

Double-click on an icon to start the respective system.

Uninstalling the FCC Mock Auction Bidding System

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

Please note that the Uninstall program will remove ALL versions of the software located in that installation directory.

Alternatively, you may uninstall the FCC Mock Auction Bidding System by deleting the directory to which you installed the software, then switching to Program Manager and deleting the FCC Mock Bidding System icons and group.

Round Results Files

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

16_xxxS.DBF [contains all bids submitted in a particular round]

16_xxxW.DBF [contains all bids withdrawn in a particular round]

16_xxxE.DBF [contains the maximum eligibility and remaining # of waivers for each bidder]

16_xxxH.DBF [contains the high bids in a particular round and the minimum bid increments for the next round] where xxx represents the round number.

For those that cannot use the dBase-compatible database files, we will also upload the ASCII text version of these files with the following naming conventions:

- 16_xxxS.TXT [contains all bids submitted in a particular round]
- 16_xxxW.TXT [contains all bids withdrawn in a particular round]
- 16_xxxE.TXT [contains the maximum eligibility and remaining # of waivers for each bidder]
- 16_xxxH.TXT [contains the high bids in a particular round and the minimum bid increments for the next round] where xxx represents the round number.

The following file will be uploaded at the beginning of the auction to map the bidder number to the FCC Account Number and company name:

- 16_XREF.DBF [contains the bidder name, FCC account number and bidder number]
- or
- 16_XREF.TXT [Same file in text format]

This file is used to identify which bidder is associated with each bid in the submission, withdrawal, high bids and bidder eligibility files.

Round Results File Formats

All Bids:

<u>Field</u>		<u>Length</u>
market		4
freq_block	2	
round_num	3	
bid_amt		11
bidder_num	4	
date		8
time		8
net_bid_amt	11	
sort_col_1	4	
sort_col_2	4	

Withdrawals:

<u>Field</u>		<u>Length</u>
market		4
freq_block	2	
bid_round		3
bid_amt		11

bidder_num	4	
date		8
time		8
net_bid_amt	11	
sort_col_1	4	
sort_col_2	4	

High Bids:

<u>Field</u>		<u>Length</u>
market		4
freq_block	2	
bid_round		3
bid_amt		11
bidder_num	4	
date		8
time		8
net_bid_amt	11	
min_accept	11	
num_of_bids	11	
sort_col_1	4	
sort_col_2	4	

Maximum Eligibility:

<u>Field</u>		<u>Length</u>
round_num	3	
bidder_num	4	
max_elig		11
rmng_waivr	3	
waivr_ind		1

Bidder Cross Reference:

<u>Field</u>		<u>Length</u>
bidder_num	4	
fcc_account_num		10
co_name		50
bidding_credit_pctg		3
short_name	10	

Help

Detailed instructions for using all FCC Remote Electronic Auction System software can be found in the readme file associated with the software and in the context-sensitive help function associated with each software system

For technical assistance in installing or using the FCC Mock Auction Bidding System, 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.

Attachment E

How to Monitor the FCC Auctions On-line

The auction announcements and round results for Auction 16 will be accessible through the FCC Wide Area Network, the Internet and the FCC Auction Bulletin Board System (BBS). You can check on round results and also read any material released by the Commission during the course of the auction. This fact sheet provides the information that you need to track the **October 28, 1997** auction from your computer.

Option 1: Accessing Auction Results via the FCC Wide Area Network

The FCC implemented a remote access system capable of allowing 500 concurrent users to dial in directly to the FCC to view round results, auction announcements and messages and to make suggestions to the FCC regarding the FCC auction process. The FCC will make the software available free-of-charge through the Internet and the Auction BBS. Installation and access instructions are included in the *readme.txt* associated with the software.

The remote access system software will be located in two locations on the Internet. The primary location will be ftp://wtbftp01.fcc.gov/pub/Auctions/SMR/800/Auction_16/Programs. The secondary location is ftp://ftp.fcc.gov/pub/Auctions/SMR/800/Auction_16/Programs. The software is in a self-extracting compressed file named *remacc40.exe*. The installation instructions for this software are located in *remacc40.txt* located in the same directory.

The file can also be downloaded from the BBS under A for Auction menu, B for Auctions 11-17 , 6 for Auction 16 and P for Programs. For additional information contact the FCC Technical Support Hotline at (202) 414-1250.

A charge of \$2.30 per minute will be applied to a user's telephone bill when this software is used for the FCC Auction Remote Access System (this includes Auction Announcements, Messages, Suggestion Box, and Round Results Reports).

Option 2: Accessing Auction Results via the Internet World Wide Web:

<http://wtbwww01.fcc.gov> (Primary Location)
<http://www.fcc.gov> (Secondary Location)

Once you connect to the FCC web site, select Auctions. In the Auctions section, to the right, click on 800 SMR (Up. 200). Click on Data (Round Results), then select SMR 800 Auction Round Results under Auction #16.

Click on the file you wish to download.

OR

ftp://wtbftp01.fcc.gov (Primary Location)
ftp://ftp.fcc.gov (Secondary Location)

Once you connect to the FCC ftp server, select the following directory to download the most current files:

/pub/Auctions/SMR/800/Auction_16/Results

Click on the file you wish to download.

You can access the files through service providers such as America Online or Delphi. The files will be presented on the ftp.fcc.gov ftp Internet server. Go to this location and look for the files.

FTP: The following instructions are for the command line version of ftp.

1. Connect to one of the two FCC ftp servers by typing:
ftp wtbftp01.fcc.gov
or
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 Results directory by typing:
cd /pub/Auctions/SMR/800/Auction_16/Results[Enter]
6. Use the get command to download files from the FCC ftp server. For example, to get all bid submissions for round 10 in DBF format, type:
get 16_010S.DBF[Enter]
7. If you wish to exit, type:
bye[Enter]

Note: The FCC will establish archive directories for round results files on the Internet. After every 50 rounds, files will be moved from the Results directory to an archive directory. The newest round results files will continue to be uploaded to the Results directory.

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

<i>rounds 1-50</i>	<i>pub/Auctions/SMR/800/Auction_16/Results/R1-50</i>
<i>rounds 51-100</i>	<i>pub/Auctions/SMR/800/Auction_16/Results/R51-100</i>
<i>rounds 101-102</i>	<i>pub/Auctions/SMR/800/Auction_16/Results</i>

Files for rounds 103-150 would continue to be uploaded to the Results directory. After round 150, the files for rounds 101-150 would be archived. The newest files, for rounds 151-200, would be uploaded to the Results directory.

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

The FCC Auction Bulletin Board System (BBS) provides dial-in access for Auction Results. To access the FCC Auction BBS, use a communications package that can handle at least Xmodem protocol (such as PcAnyWhere, Procomm, or Microsoft Terminal in Windows 3.x) 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.

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

(b) Enter your last name.

(c) When asked whether you want to create an account, enter **Y**.

(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. (You may also enter **c**, the program accepts either case.)

Since **C** is the default (automatic) selection, you can also just press Enter to 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 Auction 16, enter **B** to select the second range.
6. On the Auctions Library Menu, enter the number of the auction you want. Enter **6**, in this case.

The Auction Menu appears.

7. Enter **R** to select Results.

The list of available files for Auction 16 appears. These files are sorted by date, with the most recent files at the beginning of the list.

8. To scroll downward to the next screen of file names, either press Enter or enter **C** for Continue. To scroll upward to the preceding screen of file names, enter **P** for Previous.

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

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

You can do the following:

- 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.

10. When you have finished marking files, download them as follows:

- (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., Xmodem or Zmodem).

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

11. Enter **X** to leave the BBS.

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