

seek comment on these alternatives and on other special provisions that may be appropriate.

V. CONCLUSION

107. We adopt this Further Notice of Proposed Rule Making to solicit public comment regarding the accommodation of wide-area Specialized Mobile Radio systems in the 800 MHz band. This Further Notice proposes amendment of Part 90 of our Rules to provide a new licensing mechanism that will facilitate transition to contemporary 800 MHz SMR technologies and services.

VI. PROCEDURAL MATTERS

A. Regulatory Flexibility Act

108. An Initial Regulatory Flexibility Analysis is contained in Appendix B to this Further Notice of Proposed Rule Making. As required by Section 603 of the Regulatory Flexibility Act, the Commission has prepared an Initial Regulatory Flexibility Analysis (IRFA) of the expected impact on small entities of the proposals suggested in this document. The IRFA is set forth in Appendix B. Written public comments are requested on the IRFA. These comments must be filed in accordance with the same filing deadlines as comments on the rest of the Further Notice of Proposed Rule Making, but they must have a separate and distinct heading designating them as responses to the Initial Regulatory Flexibility Analysis. The Secretary shall send a copy of this Further Notice of Proposed Rule Making, including the Initial Regulatory Flexibility Analysis, to the Chief Counsel for Advocacy of the Small Business Administration in accordance with paragraph 603(a) of the Regulatory Flexibility Act. Pub. L. No. 96-354, 94 Stat. 1164, 5 U.S.C. § 601 *et seq.* (1981).

B. Ex Parte Rules Non-Restricted Proceeding

109. This is a non-restricted notice and comment rule making proceeding. *Ex Parte* presentations are permitted except during the Sunshine Agenda period, provided they are disclosed as provided in Commission rules. *See generally* 47 CFR §§ 1.1202, 1.1203, and 1.1206(a).

C. Comment Dates

110. Pursuant to applicable procedures set forth in Sections 1.415 and 1.419 of the Commission's Rules, 47 CFR §§ 1.415 and 1.419, interested parties may file comments on or before December 5, 1994, and reply comments on or before December 20, 1994. To file formally in this proceeding you must file an original and four copies of all comments, reply comments, and supporting comments. If you want each Commissioner to receive a personal copy of your comments, you must file an original plus nine copies. You should send comments and reply comments to Office of the Secretary, Federal Communications Commission, Washington, D.C. 20554. Comments and reply comments will be available for

public inspection during regular business hours in the F.C.C. Reference Center of the Federal Communications Commission, Room 239, 1919 M Street, N.W., Washington, D.C. 20554.

D. Ordering Clause

111. Authority for issuance of this Further Notice of Proposed Rule Making is contained in Sections 4(i) and 303(r) of the Communications Act of 1934, as amended, 47 U.S.C. §§ 154(i) and 303(r).

E. Contact Person

112. For further information concerning this proceeding, contact D'wana R. Speight at (202) 632-7125 (Private Radio Bureau, Land Mobile and Microwave Division).

FEDERAL COMMUNICATIONS COMMISSION

William F. Caton
William F. Caton
Acting Secretary

APPENDIX A

Part 90 of Chapter 1 of Title 47 of the Code of Federal Regulations is proposed to be amended as follows:

PART 90 -- PRIVATE LAND MOBILE RADIO SERVICES

1. The authority citation for Part 90 continues to read as follows:

Authority: Sections 4, 303, and 332, 48 Stat. 1066, 1082, as amended; 47 U.S.C. §§ 154, 303, and 332, unless otherwise noted.

2. Section 90.7 is amended by adding the definitions for "Major Trading Area" following the definition for "Line C" and "MTA license" following the definition for "Mobile station" to read as follows:

§ 90.7 Definitions

* * * * *

Major Trading Areas (MTAs). A total of 51 licensing regions based on the Rand McNally 1992 *Commercial Atlas & Marketing Guide*, 123rd Edition, at pages 38-39, with the following exceptions and additions:

- (1) Alaska is separate from the Seattle MTA and is licensed as a single MTA-like area separately.
- (2) Guam and Northern Mariana Islands are licensed as a single MTA-like area.
- (3) Puerto Rico and the U.S. Virgin Islands are licensed as a single MTA-like area.
- (4) American Samoa is licensed as a single MTA-like area.

* * * * *

MTA-based or MTA license. A license authorizing the right to use a specified block of SMR spectrum within one of the 51 Major Trading Areas.

* * * * *

3. Section 90.609 is amended by adding paragraph (e) to read as follows:

* * * * *

(e) Assignments and transfers of SMR Category stations in the 816-821/861-866 band licensed on or before August 9, 1994, must follow the procedures detailed in Section 90.667.

4. Section 90.617 is amended by revising paragraphs (b), (c), (d), and Table 4A to read as follows:

§ 90.617 Frequencies in the 809.750-824/854.750-869 MHz, and 896-901/935-940 MHz bands available for trunked or conventional system use in non-border areas.

* * * * *

(b) The channels listed in Table 2A are available to eligible applicants in the Industrial/Land Transportation Category (consisting of the Power, Petroleum, Forest Products, Film and Video Production, Relay Press, Special Industrial, Manufacturers, Telephone Maintenance, Motor Carrier, Railroad, Taxicab and Automobile Emergency Radio Services). These frequencies are available in areas farther than 110 km (68.4 miles) from the U.S./Mexico border and farther than 140 km (87.0 miles) from the U.S./Canada border. Specialized Mobile Radio Systems (SMRS) will not be authorized on these frequencies.

* * * * *

(c) The channels listed in Table 3A are available to eligible applicants in the Business Radio Category. This category does not include Specialized Mobile Radio Systems as defined in § 90.603(c). These frequencies are available in areas farther than 110 km (68.4 miles) from the U.S./Mexico border and farther than 140 km (87.0 miles) from the U.S./Canada border. Specialized Mobile Radio Systems will not be authorized on these frequencies. These channels are available for inter-category sharing as indicated in § 90.621(g).

* * * * *

(d) The channels listed in Tables 4A and 4B are available only to eligibles in the SMR category which consists of Specialized Mobile Radio (SMR) stations and eligible end users. The frequencies listed in Table 4A are available to SMR eligibles desiring to be authorized on MTA service areas in accordance with Section 90.661. SMR licensees licensed on Channels 400 - 600 on or before August 9, 1994 may continue to utilize these frequencies within their existing service areas. This paragraph deals with the assignment of frequencies only in areas farther than 110 km (68.4 miles) from the U.S./Mexico border and farther than 140 km (87) miles from the U.S./Canada border. See §90.619 for the assignment of SMR frequencies in these border areas. For stations located within 113 km (70 miles) of Chicago, channels 401-600 will be assigned in groups as outlined in Table 4C.

Table 4A--SMR Category 806-821/851-866 MHz Band Channels

MTA-Based SMR Systems

Group	Spectrum Block
A	816.0000/861.0000 to 817.2500/862.2500 (Channel Nos. 401-450)
B	817.2500/862.2500 to 818.5000/863.5000 (Channel Nos. 451-500)
C	818.5000/863.5000 to 819.7500/864.7500 (Channel Nos. 501-550)
D	819.7500/864.7500 to 821.0000/866.0000 (Channel Nos. 551-600)

Local Channels¹

Group No.	Channel Nos.
201	201-241-281-321-361
202	202-242-282-322-362
203	203-243-283-323-363
204	204-244-284-324-364
205	205-245-285-325-365
206	206-246-286-326-366
207	207-247-287-327-367
208	208-248-288-328-368
221	221-261-301-341-381
222	222-262-302-342-382
223	223-263-303-343-383
224	224-264-304-344-384
225	225-265-305-345-385
226	226-266-306-346-386
227	227-267-307-347-387
228	228-268-308-348-388

5. Section 90.619 is amended by revising paragraphs (a) and (b) to read as follows:

§ 90.619 Frequencies available for use in the U.S./Mexico and U.S./Canada border areas.

(a) * * * * *

¹These frequencies are available to SMR eligibles on a local basis.

(3) Tables 2A and 2B list the channels that are available for assignment to eligible applicants in the Industrial/Land Transportation Category (consisting of the Power, Petroleum, Forest Products, Video Production, Relay Press, Special Industrial, Manufacturers, Telephone Maintenance, Motor Carrier, Railroad, Taxicab and Automobile Emergency Radio Services). Specialized Mobile Radio Systems (SMRS) will not be authorized in this category.

* * * * *

(5) Tables 4A and 4B list the channels that are available for assignment for the SMRS Category (consisting of Specialized Mobile Radio Systems (SMRS) as defined in § 90.603(c)). These channels are not available for inter-category sharing.

TABLE 4A - UNITED STATES-MEXICO BORDER AREA, SMRS CATEGORY
806-821/851-866 MHZ BAND (95 CHANNELS):

MTA-Based SMR Category (30 Channels)

Group	Offset Channel No.
A	429-431-433-435-437-439
B	469-471-473-475-477-479
C	509-511-513-515-517-519-549
D	551-553-555-557-559-589-591-593-595-597-599

SMR Category---Local Channels (65 Channels)

Group	Offset Channel No.
228	228-268-308-348-388
229	229-269-309-349-389
230	230-270-310-350-390
231	231-271-311-351-391
232	232-272-312-352-392
233	233-273-313-353-393
234	234-274-314-354-394
235	235-275-315-355-395
236	236-276-316-356-396
237	237-277-317-357-397
238	238-278-318-358-398
239	239-279-319-359-399
240	240-280-320-360-400

* * * * *

(b)*****

(8)*****

TABLE 12--SMRS CATEGORY--95 Channels
[Regions 1, 4, 5, 6]

MTA-Based SMR Category (90 Channels)

Group	Channel No.
A	..... None
B	..... 463 through 480, 493 through 500
C	..... 501 through 510, 523 through 540
D	..... 553 through 570, 583 through 600

SMR Category---Local Channels (5 Channels)

Group	Channel No.
30	..... 30-60-90-120-150

(9)*****

TABLE 16--SMRS CATEGORY--60 Channels
[Region 2]

MTA-Based SMR Category (55 Channels)

Group	Channel No.
A	..... None
B	..... None
C	..... 518 through 528, 536 through 546
D	..... 554 through 564, 572 through 582, 590 through 600

SMR Category---Local Channels (5 Channels)

Group	Channel No.
18	..... 18-36-54-72-90

* * * * *

(10)* * * * *

TABLE 20--SMRS CATEGORY--135 Channels

[Region 3]

MTA-Based SMR Category (120 Channels)

Group	Channel No.
A	..... 417 through 440
B	..... 457 through 480, 497 through 500
C	..... 501 through 520, 537 through 550
D	..... 551 through 560, 577 through 600

SMR Category---Local Channels (15 Channels)

Group	Channel No.
38	38-78-118-158-198
39	39-79-119-159-199
40	40-80-120-160-200

* * * * *

(11)* * * * *

TABLE 24--(REGIONS 7, 8) SMRS CATEGORY--190 Channels

MTA-Based SMR Category (80 Channels)

Group	Channel No.
A	..... 425 through 440
B	..... 465 through 480
C	..... 505 through 520, 545 through 550
D	..... 551 through 560, 585 through 600

SMR Category---Local Channels (110 Channels)

Group	Channel No.
35	35-75-115-155-195
36	36-76-116-156-196
37	37-77-117-157-197
38	38-78-118-158-198
39	39-79-119-159-199
40	40-80-120-160-200
225	225-265-305-345-385
226	226-266-306-346-386
227	227-267-307-347-387
228	228-268-308-348-388
229	229-269-309-349-389
230	230-270-310-350-390
231	231-271-311-351-391
232	232-272-312-352-392
233	233-273-313-353-393
234	234-274-314-354-394
235	235-275-315-355-395
236	236-276-316-356-396
237	237-277-317-357-397
238	238-278-318-358-398
239	239-279-319-359-399
240	240-280-320-360-400

* * * * *

6. Section 90.621 is amended by revising paragraph (g) to read as follows:

§ 90.621 Selection and assignment of frequencies.

* * * * *

(g)* * * * *

(2) Channels in the Industrial/Land Transportation and Business categories will not be available to SMR systems for inter-category sharing.

* * * * *

(4) Channels in the SMRS category will not be available to Industrial/Land Transportation and Business category systems for inter-category sharing.

* * * * *

7. Section 90.629 is amended by adding a new paragraph (e) to read as follows:

§ 90.629 Extended implementation period.

* * * * *

(e) SMR Systems licensed after August 9, 1994 will not be eligible for extended implementation periods under this section.

8. Subpart S is amended by adding a new heading following Section 90.659 to read as follows:

POLICIES GOVERNING THE LICENSING AND USE OF MTA-BASED SMR SYSTEMS IN THE 816-821/861-866 BAND.

9. A new section 90.661 is added to Subpart S to read as follows:

§ 90.661 MTA-based SMR Service Areas.

MTA licenses for SMR spectrum blocks in the 816-821/861-866 band listed in Table 4A of Section 90.617(d) are available in 51 Major Trading Areas (MTAs) as defined in Section 90.7.

10. A new Section 90.663 is added to Subpart S to read as follows:

§ 90.663 MTA-Based SMR System Operations.

(a) MTA-based licensees authorized in the 816-821/861-866 MHz band pursuant to Section 90.661 may construct and operate base stations using any frequency identified in their spectrum block anywhere within their authorized MTA, provided that:

(1) The MTA licensee affords protection, in accordance with §90.621(b), to all previously authorized co-channel stations that are not associated with another MTA license.

(2) The MTA licensee complies with any rules and international agreements that restrict use of frequencies identified in their spectrum block, including the provisions of Section 90.619 relating to U.S./Canadian and U.S./Mexican border areas.

(3) The MTA licensee limits its field strength at any location on the border of the MTA service area in accordance with §90.771.

(b) In the event that the authorization for a previously authorized co-channel station within the MTA licensee's authorized spectrum block is terminated or revoked, the MTA licensee's co-channel obligations to such station will cease upon deletion of the facility from the Commission's licensing record. The MTA licensee then will be able to construct and operate base stations using such frequency.

11. A new Section 90.665 is added to Subpart S to read as follows:

§ 90.665 Authorization, Construction and Implementation of MTA Licenses.

(a) MTA licenses in the 816-821/861-866 MHz band will be issued for a term not to exceed ten years.

(b) MTA licensees in the 816-821/861-866 band will be permitted five years to construct their stations. This five-year period will commence with the issuance of the MTA-wide authorization and will apply to all of the licensee's stations within the MTA spectrum block, including any stations that may have been subject to an earlier construction deadline arising from a pre-existing authorization.

(c) MTA licensees in the 816-821/861-866 MHz band must, within three years, construct and place into operation a sufficient number of base stations to provide coverage to at least one-third of the population of the MTA. Further, each MTA licensee must provide coverage to at least two-thirds of the population of the MTA within five years.

12. A new Section 90.667 is added to Subpart S to read as follows:

§ 90.667 Special provisions regarding assignments and transfers of authorizations for incumbent SMR licensees in the 816-821/861-866 MHz band.

An SMR licensee initially authorized on any of the channels listed in Table 4A of Section 90.617 on or before August 9, 1994 may transfer or assign its channel(s) to another entity subject to the provisions of Sections 90.153 and 90.609(b). If the proposed transferee or assignee is the MTA licensee for the spectrum block to which the channel is allocated, such transfer or assignment presumptively will be deemed to be in the public interest.

13. A new Section 90.771 is added to Subpart S to read as follows:

§ 90.771 Field Strength Limits

The predicted or measured field strength at any location on the border of the MTA service area for MTA licensees shall not exceed 22 dBuV/m unless all bordering MTA licensees agree to a higher field strength. In the event that this standard conflicts with the MTA licensee's obligation to provide co-channel protection to incumbent licensees under Section 90.621(b), the requirements of Section 90.621(b) shall prevail.

APPENDIX B

INITIAL REGULATORY FLEXIBILITY ANALYSIS

As required by Section 603 of the Regulatory Flexibility Act, the Commission has prepared an Initial Regulatory Flexibility Analysis (IRFA) of the expected impact on small entities of the policies and rules proposed in this Further Notice of Proposed Rule Making. Written public comments are requested on the IRFA.

Reason for Action: This rule making proceeding was initiated to secure comment on proposals for establishing a flexible regulatory scheme for the 800 MHz Specialized Mobile Radio (SMR) service that would promote efficient licensing and enhance the service's competitive potential in the commercial mobile radio marketplace. The proposals advanced in the Further Notice of Proposed Rule Making are also designed to implement Congress's goal of regulatory symmetry in the regulation of competing commercial mobile radio services as described in Sections 3(n) and 332 of the Communications Act, 47 U.S.C. §§ 153(n), 332, as amended by Title VI of the Omnibus Budget Reconciliation Act of 1993 (Budget Act). The Commission also seeks to adopt rules regarding competitive bidding in the 800 MHz SMR service based on Section 309(j) of the Communications Act, 47 U.S.C. § 309(j), which delegates authority to the Commission to use auctions to select among mutually exclusive initial applications in certain services, including 800 MHz SMR.

Objectives: The Commission proposes changes to its rules for the 800 MHz SMR service that are intended to promote the growth of both traditional local SMR service and emerging wide-area SMR services, and to enhance the ability of all SMR providers to compete in the larger commercial mobile services market. Specifically, the Commission seeks to designate a block of contiguous spectrum in the 800 MHz SMR band for licensing to wide-area systems to enable them to use innovative wideband technologies and compete more effectively against Personal Communications Services and cellular, which also use contiguous spectrum. The Commission proposes to license non-contiguous spectrum in the 800 MHz SMR band on a local basis to provide opportunities for smaller SMR systems that seek to provide local niche services. It also seeks to encourage more efficient use of spectrum in congested areas and to accommodate technologically advanced systems. Finally, the Further Notice of Proposed Rule Making seeks to establish a new licensing mechanism for the 800 MHz SMR service that will significantly streamline the processing of applications, reducing the administrative burden for both applicants and the Commission.

Legal Basis: The proposed action is authorized under the Budget Act, Pub. L. No. 103-66, Title VI, §6002, and Sections 2(a), 3(n), 4(i), 302, 303(g), 303(r), 309(i), 309(j), 332(a), 332(c), and 332(d) of the Communications Act of 1934, 47 U.S.C. §§ 152(a), 153(n), 154(i), 302, 303(g), 303(r), 309(i), 309(j), 332(a), 332(c) and 332(d), as amended.

Reporting, Recordkeeping, and Other Compliance Requirements: Under the proposal contained in the Further Notice of Proposed Rule Making, SMR licensees who obtain MTA-based licenses may be required to report information regarding location of their facilities and

coverage of their service areas. SMR applicants seeking treatment as "designated entities" may also be subject to reporting and recordkeeping requirements to demonstrate compliance with our competitive bidding rules.

Federal Rules Which Overlap, Duplicate or Conflict With These Rules: None.

Description, Potential Impact, and Number of Small Entities Involved: The Further Notice of Proposed Rule Making potentially affects numerous small entities already operating 800 MHz SMR systems on frequencies that would be designated for licensing on a wide-area basis. The Further Notice of Proposed Rule Making tentatively concludes that existing licensees on these frequencies should be allowed to continue operating under their existing authorizations, but also seeks to encourage voluntary frequency transfers or other arrangements to allow for efficient spectrum use. The competitive bidding proposals contained in the Further Notice of Proposed Rule Making also could affect small entities seeking initial licenses in the 800 MHz SMR service. The Further Notice of Proposed Rule Making proposes special provisions in the Commission's auction rules to benefit "designated entity" applicants, including small businesses. After evaluating comments filed in response to the Further Notice of Proposed Rule Making, the Commission will examine further the impact of all rule changes on small entities and set forth its findings in the Final Regulatory Flexibility Analysis.

Significant Alternatives Minimizing the Impact on small Entities Consistent with the Stated Objectives: This Further Notice of Proposed Rule Making solicits comment on a variety of alternatives. Any additional significant alternatives presented in the comments will also be considered.

IRFA Comments: We request written public comment on the foregoing Initial Regulatory Flexibility Analysis. Comments must have a separate and distinct heading designating them as responses to the IRFA and must be filed by the deadlines provided in paragraph 110 of this Further Notice of Proposed Rule Making.

APPENDIX C

LIST OF PLEADINGS IN PR DOCKET No. 93-144

COMMENTS

American Mobile Telecommunications Association, Inc. (AMTA)
Associated Public-Safety Communications Officers, Inc.
Bell Atlantic Enterprises International
Council of Independent Communications Suppliers
Dial Page, Inc. (Dial Page)
E. F. Johnson Company
Fleet Call, Inc. (Nextel, due to corporate name change)
GTE Service Corp.
National Association of Business and Educational Radio (NABER)
PacTel Paging
PowerSpectrum, Inc.
Radiofone, Inc.
Southwestern Bell Corporation (SBC)
Utilities Telecommunications Council

REPLY COMMENTS

Advanced Mobilecomm, Inc.
AMTA
Courtesy Communications, Inc.
GTE Service Corp.
NABER
Nextel
PacTel Paging
Questar Telecom, Inc. (Questar)
Mitchell E. Shipman
The Southern Company
SBC
United States Telephone Association
Utilities Telecommunications Council

APPENDIX D

LIST OF PLEADINGS IN GN DOCKET No. 93-252

COMMENTS

Air Spectrum III, Inc.
AirTouch Communications
AirTouch Paging and Arch Communications Group, Inc.
American Mobile Satellite Corporation
American Mobile Telecommunications Association, Inc. (AMTA)
American Personal Communications
American Petroleum Institute
Bell Atlantic Companies
BellSouth Corporation, BellSouth Telecommunications, Inc., BellSouth Cellular Corp., BellSouth Wireless, Inc., Mobile Communications Corp. of America
Brown and Schwaninger, Jr.
Cellular Telecommunications Industry Association
Celpage, Inc.
Century Cellunet, Inc.
Comcast Corp.
Committee for Effective Cellular Rules
Constellation Communications, Inc.
Dial Page, Inc. (Dial Page)
E.F. Johnson Company
The Ericsson Corporation
Geotek Communications, Inc.
Global Cellular Communications, Inc., and Jean M. Warren
GTE Service Corporation
Industrial Telecommunications Association, Inc. and Council of Independent Communication Suppliers
LegalCom Services, Inc.
Loral/Qualcomm Partnership, L.P.
McCaw Cellular Communications, Inc.
Metrocall, Inc.
Motorola, Inc.
National Association of Business and Educational Radio, Inc. (NABER)
Network USA
Nextel Communications, Inc. (Nextel)
New Par
NYNEX Corporation
Omnipoint Communications, Inc.
OneComm Corporation
Pagemart, Inc.

Paging Network, Inc.
PCC Management Corporation
Personal Communications Industry Association
Pittencrieff Communications, Inc. (Pittencrieff)
RAM Mobile Data USA Limited Partnership
RAM Technologies, Inc.
The RF Technologies Group, Police Emergency Radio Services, Inc.
Roseville Telephone Company
Rural Cellular Association
Russ Miller Rental
SEA, Inc.
Simrom, Inc.
SmartLink Development Limited Partnership
SMR Systems, Inc.
The Southern Company
Southwestern Bell Corporation (SBC)
Sprint Corporation
SunCom Mobile and Data, Inc.
TRW Inc.
United States Sugar Corporation (US Sugar)
US MobilComm, Inc.
US West, Inc.
Utilities Telecommunications Council
Vanguard Cellular Systems, Inc.
WJG Maritel Corporation

REPLY COMMENTS

American Paging, Inc.
American Radio, Professional Communications, Mobile Phones
of Cordele/Net Link Communications, Range Telecommunications, Leischner Electric,
Southern Minnesota Communications, B & M Communications, Le FLore
Communications, Advanced Communications Services, Inc., Mobile Phone of Texas,
Communications Works
AMTA
AirTouch Paging and Arch Communications Group, Inc.
American Petroleum Institute
Applied Technology Group, Inc.
Atlantic Cellular Company
Banks Tower Communications Ltd.
Bell Atlantic Companies
Carver, August Bert t/a Action Radio
CellCall, Inc.

Comcast Corp.
Comsat Mobile Communications
Cook, Don
Dial Page
Dru Jenkinson, Inc., Tad Dobbs, Inc., Shelly Curtright, Inc., Jana Green, Inc., Joan
Moore, Inc.
Eden Communications, Inc.
E.F. Johnson Company
The Ericsson Corporation
Fetterman, Robert d/b/a RF Communications (Fetterman)
Fresno Mobile Radio, Inc.
Geotek Communications, Inc.
Global Cellular Communications, Inc., and Jean M. Warren
Industrial Telecommunications Association, Inc., Alliance of
Private 800/900 MHz Licensees (ITA/Alliance of Private 800/900 MHz Licensees)
JMTV, Inc., Jean D. Murphy (JMTV, Inc.)
Joriga Electronics, Inc.
Kay, James A., Jr.
Lausman, Kevin d/b/a Communications Service Center
Luczak, Thomas
Madera Radio Dispatch, Inc.
McCaw Cellular Communications, Inc.
Mobile U.H.F., Inc.
Motorola, Inc.
NABER
National Telephone Cooperative Association
Nextel
Northwest Wireless Network, L.L.C.
OneComm Corporation
O'Neil TV, Inc., Mary O. McDonnel
Pacific Bell and Nevada Bell
Paging Network, Inc.
PCC Management Corporation
Personal Communications Industry Association
Pittencrieff
Puerto Rico Telephone Company
Qualicom Systems, Inc.
Radiofone, Inc.
RAM Mobile Data USA Limited Partnership
The RF Technologies Group, Police Emergency Radio Services, Inc.
RMTV, Inc., Roy J. Murphy (RMTV, Inc.)
Rural Cellular Association
Russ Miller Rental
SEA, Inc.

Sobel, Mark d/b/a Airwave Communications
Southeastern SMR Association, Idaho Communications Limited
Partnership, Teton Communications Inc., South Carolina Communications Limited
Partnership, Advanced Electronics, East Texas Communications Limited Partnership,
John Mitchell Company (Southeastern SMR Association)
The Southern Company
SBC
Speed-Net, Parkinson Electronics Company, Bill Wayne d/b/a
Mr. Radio, Refiled Communications, Inc. and Dale Walsh d/b/a The Walsh Group
Sprint Corporation
Spruill, C.T.
Stalvey, Rod d/b/a Stalvey Communications
Suncom Mobile and Data, Inc.
T&K Communications Systems, Inc.
TelSA, Inc.
Triangle Communications, Inc.
Uniden America Corporation
USITV, Inc. and Hunter ITV, Inc. (USITV/Hunter)
US MobilComm, Inc.
US Sugar
US West, Inc.