

**FEDERAL COMMUNICATIONS COMMISSION****47 CFR Part 51**

[CC Docket No. 01–338; CC Docket No. 96–98; CC Docket No. 98–147; FCC 03–36]

**Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers****AGENCY:** Federal Communications Commission.**ACTION:** Proposed rule.

**SUMMARY:** This document initiates an inquiry regarding proposed modifications to the Commission's existing rules implementing section 252(i) which requires local exchange carriers (LECs) to make available to other telecommunications carriers interconnection agreements approved under section 252.

**DATES:** Comments are due October 2, 2003 and Reply Comments are due October 23, 2003. It is also available on the Commission's Web site at <http://www.fcc.gov>.

**FOR FURTHER INFORMATION CONTACT:**

Robert Tanner, Attorney-Advisor, Wireline Competition Bureau, at (202) 418–1580 or via the Internet at [rtanner@fcc.gov](mailto:rtanner@fcc.gov). The complete text of this Notice of Proposed Rulemaking (NPRM) is available for inspection and copying during normal business hours in the FCC Reference Information Center, Portals II, 445 12th Street, SW., Room CY–A257, Washington, DC 20554. Further information may also be obtained by calling the Common Carrier Bureau's TTY number: (202) 418–0484.

**SUPPLEMENTARY INFORMATION:** This is a summary of the Commission's Notice of Proposed Rulemaking in WC Docket No. 01–338, FCC 03–36, adopted February 20, 2003, and released August 21, 2003. This full text may be purchased from the Commission's duplicating contractor, Qualex International, Portals II, 445 12th Street, SW., Room CY–B402, Washington, DC 20554, telephone 202–863–2893, facsimile 202–863–2898, or via e-mail [qualexint@aol.com](mailto:qualexint@aol.com).

**Synopsis of the Notice of Proposed Rulemaking (NPRM)**

1. The Commission seeks comment on whether to alter its interpretation of section 252(i) to promote more meaningful commercial negotiations. The Commission tentatively concludes that modifying its current approach would better serve the goals of section 252(i) and sections 251–252 generally. The Commission also incorporates into this docket a related Petition for

Forbearance and Rulemaking filed by Mpower Communications (“Mpower Petition”) and the comments and *ex partes* filed in response to the Mpower Petition. See *Petition of Mpower Communications Corp. for Establishment of New Flexible Contract Mechanism Not Subject to “Pick-and-Choose”*, CC Docket No. 01–117, Petition for Forbearance and Rulemaking (May 25, 2001).

2. In the *Local Competition Order*, (61 FR 52706, October 8, 1996) the Commission adopted an interpretation of section 252(i) of the Act that required incumbent LECs to permit “third parties to obtain access under section 252(i) to any individual interconnection, service or network element arrangement on the same terms and conditions as those contained in any agreement approved under section 252.” This interpretation is often referred to as the “pick and choose” rule. See 47 CFR 51.809. In its petition, Mpower argues that the current rule “inhibit[s] innovative deal-making” and has led to “a great sameness and very little meaningful choice” in interconnection agreements. Mpower and several carriers filing comments in CC Docket 01–117 propose that carriers seeking to use section 252(i) be required to adopt the entire terms and conditions of an interconnection agreement approved under section 252 rather than allow adoption of individual terms as conditions.

3. The Commission seeks comment on its legal authority to alter its interpretation of the statute in view of the Supreme Court's characterization of the Commission's current rule as “the most readily apparent” reading of the statute. *Iowa Utils. Bd.*, 525 U.S. at 396. The Commission tentatively concludes that it may adopt a different rule pursuant to section 252(i), provided the Commission's modified rule is a reasonable interpretation of the statutory text. The Commission observes that the public record in response to the Mpower petition indicates that under the current rules incumbent LECs seldom make significant concessions in return for some trade-off for fear that third parties will obtain the equivalent benefits without making any trade-off at all. The Commission invites parties to submit concrete evidence to the contrary.

4. The Commission identifies two key concerns expressed by commenters in response to the proposal put forward by Mpower to create “FLEX” contracts that would provide an alternative form of interconnection agreement outside of section 252(i) and not subject to the “pick and choose” rule. First, incumbent LECs might insert “poison

pills” into such agreements to make them unsuitable for adoption by third parties. Second, commenters argue that there is not a valid basis for exempting “FLEX” contracts from the requirement to submit interconnection agreements to state commissions for approval or from other requirements in section 252.

5. The Commission seeks comment on a proposal described as follows: If an incumbent LEC does not file and obtain state approval for a statement of generally available terms and conditions (SGAT) the current pick and choose rule would continue to apply to all of that incumbent LEC's interconnection agreements. If an incumbent LEC does file and obtain state approval for an SGAT, the current pick and choose rule would apply solely to the SGAT and all other interconnection agreements entered into by that incumbent would be subject to an “all-or-nothing” rule requiring third parties to adopt the interconnection agreement in its entirety. The Commission notes that the Act only requires Bell Operating Companies (BOCs) to file SGATs and it seeks comment on whether it should apply the above approach to non-BOC incumbent LECs as well. The Commission also seeks comment on whether the SGAT condition, together with preservation of the Act's good faith obligation and non-discrimination safeguards be sufficient to prevent the above described proposal from eviscerating the obligation Congress imposed in section 252(i).

6. The Commission seeks comment on whether the above described proposal would be workable for all classes of carriers, including smaller competitive LECs. The Commission seeks comment on whether there are other means of restoring the Congressional goal of meaningful marketplace negotiations, including modifications to the above described proposal.

**Initial Regulatory Flexibility Analysis**

7. As required by the Regulatory Flexibility Act of 1980, as amended (RFA), the Commission has prepared this Initial Regulatory Flexibility Analysis (IRFA) of possible significant economic impact on a substantial number of small entities by the policies and rules proposed in this NPRM. Written public comments are sought on this IRFA. Comments must be identified as responses to the IRFA and must be filed by the deadlines for comments on the NPRM. The Commission will send a copy of the NPRM, including this IRFA, to the Chief Counsel for Advocacy of the Small Business Administration. In addition, the NPRM and IRFA (or

summaries thereof) will be published in the **Federal Register**.

### Need for, and Objectives of, the Proposed Rules

8. The Commission initiates this NPRM to ensure that market-based incentives exist for incumbent and competitive LECs to negotiate innovative commercial interconnection arrangements. The current pick-and-choose rules implementing section 252(i) may discourage give-and-take negotiation because incumbent LECs may be reluctant to make significant concessions (in exchange for negotiated benefit) if those concessions become automatically available—without any tradeoff—to every potential market entrant. It therefore seeks comment on whether alternate approaches to implementing section 252(i), such as requiring third parties to opt into entire agreements, would promote more innovative and flexible arrangements between parties. Any changes to the current pick-and-choose rule, however, may raise concerns as to whether there is the potential for parties to interconnection agreements to include “poison pill” language that would deter third parties from opting into those agreements under section 252(i). This NPRM proposes an approach that would eliminate the current pick-and-choose regime for incumbent LECs wherever the incumbent LEC has filed and received state approval of a statement of generally available terms and conditions, and this NPRM seeks to build a record from which to judge the wisdom of this approach.

### Legal Basis

9. The legal basis for any action that may be taken pursuant to the NPRM is contained in Sections 1, 3, 4, 201–205, 251, 256, 271, 303(r) of the Communications Act of 1934, as amended, 47 U.S.C. 151, 153, 154, 201–205, 251, 252, 256, 271, 303(r).

### Description and Estimate of the Number of Small Entities to Which the Proposed Rules Would Apply

10. The RFA directs agencies to provide a description of and, where feasible, an estimate of the number of small entities that will be affected by the proposed rules. The RFA generally defines the term “small entity” as having the same meaning as the terms “small business,” “small organization,” and “small governmental jurisdiction.” In addition, the term “small business” has the same meaning as the term “small business concern” under the Small Business Act. A small business concern is one which: (1) Is

independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the Small Business Administration (SBA).

11. In this section, the Commission further describes and estimates the number of small entity licensees and regulatees that may be affected by rules adopted pursuant to this FNPRM. The most reliable source of information regarding the total numbers of certain common carrier and related providers nationwide, as well as the number of commercial wireless entities, appears to be the data that the Commission publishes in its *Trends in Telephone Service* report. The SBA has developed small business size standards for wireline and wireless small businesses within the three commercial census categories of Wired Telecommunications Carriers, Paging, and Cellular and Other Wireless Telecommunications. Under these categories, a business is small if it has 1,500 or fewer employees. Further, using the above size standards and others, we discuss the total estimated numbers of small businesses that might be affected by our actions.

12. The Commission has included small incumbent LECs in this present RFA analysis. As noted previously, a “small business” under the RFA is one that, *inter alia*, meets the pertinent small business size standard (e.g., a wired telecommunications carrier having 1,500 or fewer employees), and “is not dominant in its field of operation.” The SBA’s Office of Advocacy contends that, for RFA purposes, small incumbent LECs are not dominant in their field of operation because any such dominance is not “national” in scope. The Commission has therefore included small incumbent LECs in this RFA analysis, although we emphasize that this RFA action has no effect on its analyses and determinations in other, non-RFA contexts.

13. *Wired Telecommunications Carriers*. The SBA has developed a small business size standard for Wired Telecommunications Carriers, which consists of all such companies having 1,500 or fewer employees. According to Census Bureau data for 1997, there were 2,225 firms in this category, total, that operated for the entire year. Of this total, 2,201 firms had employment of 999 or fewer employees, and an additional 24 firms had employment of 1,000 employees or more. Thus, under this size standard, the great majority of firms can be considered small.

13. *Incumbent Local Exchange Carriers (incumbent LECs)*. Neither the

Commission nor the SBA has developed a size standard for small businesses specifically applicable to incumbent local exchange services. The closest applicable size standard under SBA rules is for Wired Telecommunications Carriers. Under that size standard, such a business is small if it has 1,500 or fewer employees. According to Commission data, 1,329 carriers reported that they were engaged in the provision of local exchange services. Of these 1,329 carriers, an estimated 1,024 have 1,500 or fewer employees and 305 have more than 1,500 employees. Consequently, the Commission estimates that most providers of incumbent local exchange service are small businesses that may be affected by the rules and policies adopted herein.

14. *Competitive Local Exchange Carriers (competitive LECs)*. Neither the Commission nor the SBA has developed a size standard for small businesses specifically applicable to providers of competitive exchange services or to competitive access providers or to “Other Local Exchange Carriers,” all of which are discrete categories under which TRS data are collected. The closest applicable size standard under SBA rules is for Wired Telecommunications Carriers. Under that size standard, such a business is small if it has 1,500 or fewer employees. According to Commission data, 532 companies reported that they were engaged in the provision of either competitive access provider services or competitive LEC services. Of these 532 companies, an estimated 411 have 1,500 or fewer employees and 121 have more than 1,500 employees. In addition, 55 carriers reported that they were “Other Local Exchange Carriers.” Of the 55 “Other Local Exchange Carriers,” an estimated 53 have 1,500 or fewer employees and two have more than 1,500 employees. Consequently, the Commission estimates that most providers of competitive local exchange service, competitive access providers, and “Other Local Exchange Carriers” are small entities that may be affected by the rules and policies adopted herein.

15. *Interexchange Carriers*. Neither the Commission nor the SBA has developed a size standard for small businesses specifically applicable to interexchange services. The closest applicable size standard under SBA rules is for Wired Telecommunications Carriers. Under that size standard, such a business is small if it has 1,500 or fewer employees. According to Commission data, 229 companies reported that their primary telecommunications service activity was

the provision of payphone services. Of these 229 companies, an estimated 181 have 1,500 or fewer employees and 48 have more than 1,500 employees. Consequently, the Commission estimates that the majority of payphone service providers are small entities that may be affected by the rules and policies adopted herein.

16. *Operator Service Providers (OSPs)*. Neither the Commission nor the SBA has developed a size standard for small businesses specifically applicable to operator service providers. The closest applicable size standard under SBA rules is for Wired Telecommunications Carriers. Under that size standard, such a business is small if it has 1,500 or fewer employees. According to Commission data, 22 companies reported that they were engaged in the provision of operator services. Of these 22 companies, an estimated 20 have 1,500 or fewer employees and two have more than 1,500 employees. Consequently, the Commission estimates that the great majority of payphone service providers are small entities that may be affected by the rules and policies adopted herein.

17. *Prepaid Calling Card Providers*. The SBA has developed a size standard for a small business within the category of Telecommunications Resellers. Under that SBA size standard, such a business is small if it has 1,500 or fewer employees. According to Commission data, 32 companies reported that they were engaged in the provision of prepaid calling cards. Of these 32 companies, an estimated 31 have 1,500 or fewer employees and one has more than 1,500 employees. Consequently, the Commission estimates that the great majority of prepaid calling card providers are small entities that may be affected by the rules and policies adopted herein.

18. *Other Toll Carriers*. Neither the Commission nor the SBA has developed a size standard for small businesses specifically applicable to "Other Toll Carriers." This category includes toll carriers that do not fall within the categories of interexchange carriers, operator service providers, prepaid calling card providers, satellite service carriers, or toll resellers. The closest applicable size standard under SBA rules is for Wired Telecommunications Carriers. Under that size standard, such a business is small if it has 1,500 or fewer employees. According to Commission's data, 42 companies reported that their primary telecommunications service activity was the provision of payphone services. Of these 42 companies, an estimated 37 have 1,500 or fewer employees and five

have more than 1,500 employees. Consequently, the Commission estimates that most "Other Toll Carriers" are small entities that may be affected by the rules and policies adopted herein.

19. *Wireless Service Providers*. The SBA has developed a small business size standard for wireless firms within the two broad economic census categories of Paging and Cellular and Other Wireless Telecommunications. Under both SBA categories, a wireless business is small if it has 1,500 or fewer employees. For the census category of Paging, Census Bureau data for 1997 show that there were 1,320 firms in this category, total, that operated for the entire year. Of this total, 1,303 firms had employment of 999 or fewer employees, and an additional 17 firms had employment of 1,000 employees or more. Thus, under this category and associated small business size standard, the great majority of firms can be considered small. For the census category Cellular and Other Wireless Telecommunications firms, Census Bureau data for 1997 show that there were 977 firms in this category, total, that operated for the entire year. Of this total, 965 firms had employment of 999 or fewer employees, and an additional 12 firms had employment of 1,000 employees or more. Thus, under this second category and size standard, the great majority of firms can, again, be considered small.

20. *Broadband Personal Communications Service*. The broadband Personal Communications Service (PCS) spectrum is divided into six frequency blocks designated A through F, and the Commission has held auctions for each block. The Commission defined "small entity" for Blocks C and F as an entity that has average gross revenues of \$40 million or less in the three previous calendar years. For Block F, an additional classification for "very small business" was added and is defined as an entity that, together with its affiliates, has average gross revenues of not more than \$15 million for the preceding three calendar years. These standards defining "small entity" in the context of broadband PCS auctions have been approved by the SBA. No small businesses, within the SBA-approved small business size standards bid successfully for licenses in Blocks A and B. There were 90 winning bidders that qualified as small entities in the Block C auctions. A total of 93 small and very small business bidders won approximately 40 percent of the 1,479 licenses for Blocks D, E, and F. On March 23, 1999, the Commission re-

auctioned 347 C, D, E, and F Block licenses. There were 48 small business winning bidders. On January 26, 2001, the Commission completed the auction of 422 C and F Broadband PCS licenses in Auction No. 35. Of the 35 winning bidders in this auction, 29 qualified as "small" or "very small" businesses. Subsequent events, concerning Auction 35, including judicial and agency determinations, resulted in a total of 163 C and F Block licenses being available for grant. In addition, we note that, as a general matter, the number of winning bidders that qualify as small businesses at the close of an auction does not necessarily represent the number of small businesses currently in service. Also, the Commission does not generally track subsequent business size unless, in the context of assignments or transfers, unjust enrichment issues are implicated.

21. *Narrowband Personal Communications Services*. To date, two auctions of narrowband personal communications services (PCS) licenses have been conducted. For purposes of the two auctions that have already been held, "small businesses" were entities with average gross revenues for the prior three calendar years of \$40 million or less. Through these auctions, the Commission has awarded a total of 41 licenses, out of which 11 were obtained by small businesses. To ensure meaningful participation of small business entities in future auctions, the Commission has adopted a two-tiered small business size standard in the *Narrowband PCS Second Report and Order*. A "small business" is an entity that, together with affiliates and controlling interests, has average gross revenues for the three preceding years of not more than \$40 million. A "very small business" is an entity that, together with affiliates and controlling interests, has average gross revenues for the three preceding years of not more than \$15 million. The SBA has approved these small business size standards. In the future, the Commission will auction 459 licenses to serve Metropolitan Trading Areas (MTAs) and 408 response channel licenses. There is also one megahertz of narrowband PCS spectrum that has been held in reserve and that the Commission has not yet decided to release for licensing. The Commission cannot predict accurately the number of licenses that will be awarded to small entities in future actions. However, four of the 16 winning bidders in the two previous narrowband PCS auctions were small businesses, as that term was defined under the Commission's Rules.

The Commission assumes, for purposes of this analysis, that a large portion of the remaining narrowband PCS licenses will be awarded to small entities. The Commission also assumes that at least some small businesses will acquire narrowband PCS licenses by means of the Commission's partitioning and disaggregation rules.

**22. 220 MHz Radio Service—Phase I Licensees.** The 220 MHz service has both Phase I and Phase II licenses. Phase I licensing was conducted by lotteries in 1992 and 1993. There are approximately 1,515 such non-nationwide licensees and four nationwide licensees currently authorized to operate in the 220 MHz band. The Commission has not developed a small business size standard for small entities specifically applicable to such incumbent 220 MHz Phase I licensees. To estimate the number of such licensees that are small businesses, we apply the small business size standard under the SBA rules applicable to "Cellular and Other Wireless Telecommunications" companies. This standard provides that such a company is small if it employs no more than 1,500 persons. According to Census Bureau data for 1997, there were 977 firms in this category, total, that operated for the entire year. Of this total, 965 firms had employment of 999 or fewer employees, and an additional 12 firms had employment of 1,000 employees or more. If this general ratio continues in the context of Phase I 220 MHz licensees, the Commission estimates that nearly all such licensees are small businesses under the SBA's small business size standard.

**23. 220 MHz Radio Service—Phase II Licensees.** The 220 MHz service has both Phase I and Phase II licenses. The Phase II 220 MHz service is a new service, and is subject to spectrum auctions. In the 220 MHz Third Report and Order, we adopted a small business size standard for "small" and "very small" businesses for purposes of determining their eligibility for special provisions such as bidding credits and installment payments. This small business size standard indicates that a "small business" is an entity that, together with its affiliates and controlling principals, has average gross revenues not exceeding \$15 million for the preceding three years. A "very small business" is an entity that, together with its affiliates and controlling principals, has average gross revenues that do not exceed \$3 million for the preceding three years. The SBA has approved these small business size standards. Auctions of Phase II licenses commenced on September 15, 1998, and closed on October 22, 1998. In the first

auction, 908 licenses were auctioned in three different-sized geographic areas: three nationwide licenses, 30 Regional Economic Area Group (EAG) Licenses, and 875 Economic Area (EA) Licenses. Of the 908 licenses auctioned, 693 were sold. Thirty-nine small businesses won licenses in the first 220 MHz auction. The second auction included 225 licenses: 216 EA licenses and 9 EAG licenses. Fourteen companies claiming small business status won 158 licenses.

**24. 800 MHz and 900 MHz Specialized Mobile Radio Licenses.** The Commission awards "small entity" and "very small entity" bidding credits in auctions for Specialized Mobile Radio (SMR) geographic area licenses in the 800 MHz and 900 MHz bands to firms that had revenues of no more than \$15 million in each of the three previous calendar years, or that had revenues of no more than \$3 million in each of the previous calendar years, respectively. These bidding credits apply to SMR providers in the 800 MHz and 900 MHz bands that either hold geographic area licenses or have obtained extended implementation authorizations. The Commission does not know how many firms provide 800 MHz or 900 MHz geographic area SMR service pursuant to extended implementation authorizations, nor how many of these providers have annual revenues of no more than \$15 million. One firm has over \$15 million in revenues. The Commission assumes, for purposes here, that all of the remaining existing extended implementation authorizations are held by small entities, as that term is defined by the SBA. The Commission has held auctions for geographic area licenses in the 800 MHz and 900 MHz SMR bands. There were 60 winning bidders that qualified as small or very small entities in the 900 MHz SMR auctions. Of the 1,020 licenses won in the 900 MHz auction, bidders qualifying as small or very small entities won 263 licenses. In the 800 MHz auction, 38 of the 524 licenses won were won by small and very small entities. Consequently, the Commission estimates that there are 301 or fewer small entity SMR licensees in the 800 MHz and 900 MHz bands that may be affected by the rules and policies adopted herein.

**25. Common Carrier Paging.** In the Paging Third Report and Order, we developed a small business size standard for "small businesses" and "very small businesses" for purposes of determining their eligibility for special provisions such as bidding credits and installment payments. A "small business" is an entity that, together with its affiliates and controlling principals,

has average gross revenues not exceeding \$15 million for the preceding three years. Additionally, a "very small business" is an entity that, together with its affiliates and controlling principals, has average gross revenues that are not more than \$3 million for the preceding three years. An auction of Metropolitan Economic Area licenses commenced on February 24, 2000, and closed on March 2, 2000. Of the 985 licenses auctioned, 440 were sold. Fifty-seven companies claiming small business status won. At present, there are approximately 24,000 Private-Paging site-specific licenses and 74,000 Common Carrier Paging licenses. According to the most recent Trends in Telephone Service, 471 carriers reported that they were engaged in the provision of either paging and messaging services or other mobile services. Of those, the Commission estimates that 450 are small, under the SBA business size standard specifying that firms are small if they have 1,500 or fewer employees.

**26. 700 MHz Guard Band Licensees.** In the 700 MHz Guard Band Order, we adopted a small business size standard for "small businesses" and "very small businesses" for purposes of determining their eligibility for special provisions such as bidding credits and installment payments. A "small business" as an entity that, together with its affiliates and controlling principals, has average gross revenues not exceeding \$15 million for the preceding three years. Additionally, a "very small business" is an entity that, together with its affiliates and controlling principals, has average gross revenues that are not more than \$3 million for the preceding three years. An auction of 52 Major Economic Area (MEA) licenses commenced on September 6, 2000, and closed on September 21, 2000. Of the 104 licenses auctioned, 96 licenses were sold to nine bidders. Five of these bidders were small businesses that won a total of 26 licenses. A second auction of 700 MHz Guard Band licenses commenced on February 13, 2001 and closed on February 21, 2001. All eight of the licenses auctioned were sold to three bidders. One of these bidders was a small business that won a total of two licenses.

**27. Rural Radiotelephone Service.** The Commission has not adopted a size standard for small businesses specific to the Rural Radiotelephone Service. A significant subset of the Rural Radiotelephone Service is the Basic Exchange Telephone Radio System (BETRS). The Commission uses the SBA's small business size standard applicable to "Cellular and Other Wireless Telecommunications," *i.e.*, an entity employing no more than 1,500

persons. There are approximately 1,000 licensees in the Rural Radiotelephone Service, and the Commission estimates that there are 1,000 or fewer small entity licensees in the Rural Radiotelephone Service that may be affected by the rules and policies adopted herein.

28. *Air-Ground Radiotelephone Service.* The Commission has not adopted a small business size standard specific to the Air-Ground Radiotelephone Service. It will use SBA's small business size standard applicable to "Cellular and Other Wireless Telecommunications," *i.e.*, an entity employing no more than 1,500 persons. There are approximately 100 licensees in the Air-Ground Radiotelephone Service, and we estimate that almost all of them qualify as small under the SBA small business size standard.

29. *Aviation and Marine Radio Services.* Small businesses in the aviation and marine radio services use a very high frequency (VHF) marine or aircraft radio and, as appropriate, an emergency position-indicating radio beacon (and/or radar) or an emergency locator transmitter. The Commission has not developed a small business size standard specifically applicable to these small businesses. For purposes of this analysis, the Commission uses the SBA small business size standard for the category "Cellular and Other Telecommunications," which is 1,500 or fewer employees. Most applicants for recreational licenses are individuals. Approximately 581,000 ship station licensees and 131,000 aircraft station licensees operate domestically and are not subject to the radio carriage requirements of any statute or treaty. For purposes of our evaluations in this analysis, we estimate that there are up to approximately 712,000 licensees that are small businesses (or individuals) under the SBA standard. In addition, between December 3, 1998 and December 14, 1998, the Commission held an auction of 42 VHF Public Coast licenses in the 157.1875–157.4500 MHz (ship transmit) and 161.775–162.0125 MHz (coast transmit) bands. For purposes of the auction, the Commission defined a "small" business as an entity that, together with controlling interests and affiliates, has average gross revenues for the preceding three years not to exceed \$15 million dollars. In addition, a "very small" business is one that, together with controlling interests and affiliates, has average gross revenues for the preceding three years not to exceed \$3 million dollars. There are approximately 10,672 licensees in the Marine Coast Service, and the Commission estimates that

almost all of them qualify as "small" businesses under the above special small business size standards.

30. *Fixed Microwave Services.* Fixed microwave services include common carrier, private operational-fixed, and broadcast auxiliary radio services. At present, there are approximately 22,015 common carrier fixed licensees and 61,670 private operational-fixed licensees and broadcast auxiliary radio licensees in the microwave services. The Commission has not created a size standard for a small business specifically with respect to fixed microwave services. For purposes of this analysis, the Commission uses the SBA small business size standard for the category "Cellular and Other Telecommunications," which is 1,500 or fewer employees. The Commission does not have data specifying the number of these licensees that have more than 1,500 employees, and thus are unable at this time to estimate with greater precision the number of fixed microwave service licensees that would qualify as small business concerns under the SBA's small business size standard. Consequently, the Commission estimates that there are up to 22,015 common carrier fixed licensees and up to 61,670 private operational-fixed licensees and broadcast auxiliary radio licensees in the microwave services that may be small and may be affected by the rules and policies adopted herein. We noted, however, that the common carrier microwave fixed licensee category includes some large entities.

31. *Offshore Radiotelephone Service.* This service operates on several UHF television broadcast channels that are not used for television broadcasting in the coastal areas of states bordering the Gulf of Mexico. There are presently approximately 55 licensees in this service. We are unable to estimate at this time the number of licensees that would qualify as small under the SBA's small business size standard for "Cellular and Other Wireless Telecommunications" services. Under that SBA small business size standard, a business is small if it has 1,500 or fewer employees.

32. *Wireless Communications Services.* This service can be used for fixed, mobile, radiolocation, and digital audio broadcasting satellite uses. The Commission established small business size standards for the wireless communications services (WCS) auction. A "small business" is an entity with average gross revenues of \$40 million for each of the three preceding years, and a "very small business" is an entity with average gross revenues of

\$15 million for each of the three preceding years. The SBA has approved these small business size standards. The Commission auctioned geographic area licenses in the WCS service. In the auction, there were seven winning bidders that qualified as "very small business" entities, and one that qualified as a "small business" entity. We conclude that the number of geographic area WCS licensees affected by this analysis includes these eight entities.

33. *39 GHz Service.* The Commission created a special small business size standard for 39 GHz licenses—an entity that has average gross revenues of \$40 million or less in the three previous calendar years. An additional size standard for "very small business" is an entity that, together with affiliates, has average gross revenues of not more than \$15 million for the preceding three calendar years. The SBA has approved these small business size standards. The auction of the 2,173 39 GHz licenses began on April 12, 2000 and closed on May 8, 2000. The 18 bidders who claimed small business status won 849 licenses. Consequently, the Commission estimates that 18 or fewer 39 GHz licensees are small entities that may be affected by the rules and policies adopted herein.

34. *Multipoint Distribution Service, Multichannel Multipoint Distribution Service, and ITFS.* Multichannel Multipoint Distribution Service (MMDS) systems, often referred to as "wireless cable," transmit video programming to subscribers using the microwave frequencies of the Multipoint Distribution Service (MDS) and Instructional Television Fixed Service (ITFS). In connection with the 1996 MDS auction, the Commission established a small business size standard as an entity that had annual average gross revenues of less than \$40 million in the previous three calendar years. The MDS auctions resulted in 67 successful bidders obtaining licensing opportunities for 493 Basic Trading Areas (BTAs). Of the 67 auction winners, 61 met the definition of a small business. MDS also includes licensees of stations authorized prior to the auction. In addition, the SBA has developed a small business size standard for Cable and Other Program Distribution, which includes all such companies generating \$12.5 million or less in annual receipts. According to Census Bureau data for 1997, there were a total of 1,311 firms in this category, total, that had operated for the entire year. Of this total, 1,180 firms had annual receipts of under \$10 million and an additional 52 firms had receipts

of \$10 million or more but less than \$25 million. Consequently, we estimate that the majority of providers in this service category are small businesses that may be affected by the rules and policies adopted herein. This SBA small business size standard also appears applicable to ITFS. There are presently 2,032 ITFS licensees. All but 100 of these licenses are held by educational institutions. Educational institutions are included in this analysis as small entities. Thus, we tentatively conclude that at least 1,932 licensees are small businesses.

35. *Local Multipoint Distribution Service.* Local Multipoint Distribution Service (LMDS) is a fixed broadband point-to-multipoint microwave service that provides for two-way video telecommunications. The auction of the 1,030 Local Multipoint Distribution Service (LMDS) licenses began on February 18, 1998 and closed on March 25, 1998. The Commission established a small business size standard for LMDS licenses as an entity that has average gross revenues of less than \$40 million in the three previous calendar years. An additional small business size standard for "very small business" was added as an entity that, together with its affiliates, has average gross revenues of not more than \$15 million for the preceding three calendar years. The SBA has approved these small business size standards in the context of LMDS auctions. There were 93 winning bidders that qualified as small entities in the LMDS auctions. A total of 93 small and very small business bidders won approximately 277 A Block licenses and 387 B Block licenses. On March 27, 1999, the Commission re-auctioned 161 licenses; there were 40 winning bidders. Based on this information, we conclude that the number of small LMDS licenses consists of the 93 winning bidders in the first auction and the 40 winning bidders in the re-auction, for a total of 133 small entity LMDS providers.

36. *218–219 MHz Service.* The first auction of 218–219 MHz spectrum resulted in 170 entities winning licenses for 594 Metropolitan Statistical Area (MSA) licenses. Of the 594 licenses, 557 were won by entities qualifying as a small business. For that auction, the small business size standard was an entity that, together with its affiliates, has no more than a \$6 million net worth and, after federal income taxes

(excluding any carry-over losses), has no more than \$2 million in annual profits each year for the previous two years. In the 218–219 MHz Report and Order and Memorandum Opinion and Order, we established a small business size standard for a "small business" as an entity that, together with its affiliates and persons or entities that hold interests in such an entity and their affiliates, has average annual gross revenues not to exceed \$15 million for the preceding three years. A "very small business" is defined as an entity that, together with its affiliates and persons or entities that hold interests in such an entity and its affiliates, has average annual gross revenues not to exceed \$3 million for the preceding three years. We cannot estimate, however, the number of licenses that will be won by entities qualifying as small or very small businesses under our rules in future auctions of 218–219 MHz spectrum.

37. *24 GHz—Incumbent Licensees.* This analysis may affect incumbent licensees who were relocated to the 24 GHz band from the 18 GHz band, and applicants who wish to provide services in the 24 GHz band. The applicable SBA small business size standard is that of "Cellular and Other Wireless Telecommunications" companies. This category provides that such a company is small if it employs no more than 1,500 persons. According to Census Bureau data for 1997, there were 977 firms in this category, total, that operated for the entire year. Of this total, 965 firms had employment of 999 or fewer employees, and an additional 12 firms had employment of 1,000 employees or more. Thus, under this size standard, the great majority of firms can be considered small. These broader census data notwithstanding, we believe that there are only two licensees in the 24 GHz band that were relocated from the 18 GHz band, Teligent and TRW, Inc. It is our understanding that Teligent and its related companies have less than 1,500 employees, though this may change in the future. TRW is not a small entity. Thus, only one incumbent licensee in the 24 GHz band is a small business entity.

38. *24 GHz—Future Licensees.* With respect to new applicants in the 24 GHz band, the small business size standard for "small business" is an entity that, together with controlling interests and affiliates, has average annual gross

revenues for the three preceding years not in excess of \$15 million. "Very small business" in the 24 GHz band is an entity that, together with controlling interests and affiliates, has average gross revenues not exceeding \$3 million for the preceding three years. The SBA has approved these small business size standards. These size standards will apply to the future auction, if held.

39. *Internet Service Providers.* While internet service providers (ISPs) would only be indirectly affected by the proposed rules, and ISPs are therefore not formally included within this present IRFA, we address them informally to create a fuller record. The SBA has developed a small business size standard for Online Information Services, which consists of all such companies having \$21 million or less in annual receipts. According to Census Bureau data for 1997, there were 2,751 firms in this category, total, that operated for the entire year. Of this total, 2,659 firms had annual receipts of \$9,999,999 or less, and an additional 67 had receipts of \$10 million to \$24,999,999. Thus, under this size standard, the great majority of firms can be considered small.

#### **Federal Rules That May Duplicate, Overlap, or Conflict With the Proposed Rules**

None.

#### **Ordering Clauses**

12. Accordingly, pursuant to the authority contained in sections 1, 2, 4(i)–4(j), 201, 202, 205, 251, 271, 272, and 303(r) of the Communications Act of 1934, as amended, 47 U.S.C. 151, 152, 154(i)–4(j), 201, 202, 205, 251, 271, 272, and 303(r), this NPRM is adopted.

13. The Commission's Consumer and Governmental Affairs Bureau, Reference Information Center, shall send a copy of this NPRM, including the Initial Regulatory Flexibility Certification, to the Chief Counsel for Advocacy of the Small Business Administration.

#### **List of Subjects in 47 CFR Part 51**

Interconnection, Telecommunications carriers.

Federal Communications Commission.

**William F. Caton,**

*Deputy Secretary.*

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