

NEC, in operation in 1992, and a total of 775 had annual receipts of less than \$10.0 million.¹⁹ The Census report does not provide more precise data.

International Broadcast Stations. Commission records show that there are 17 international high frequency broadcast station authorizations. We do not request nor collect annual revenue information, and are unable to estimate the number of international high frequency broadcast stations that would constitute a small business under the SBA definition. Since all international broadcast stations operate using relatively high power levels, it is likely that they could all be impacted by our rule revisions.

Fixed Satellite Transmit/Receive Earth Stations. There are approximately 2,784 earth station authorizations, a portion of which are Fixed Satellite Transmit/Receive Earth Stations. We do not request nor collect annual revenue information, and are unable to estimate the number of the earth stations that would constitute a small business under the SBA definition. However, the majority of these stations could be impacted by our revised rules.

Fixed Satellite Small Transmit/Receive Earth Stations. There are approximately 2,784 earth station authorizations, a portion of which are Fixed Satellite Small Transmit/Receive Earth Stations. We do not request nor collect annual revenue information, and are unable to estimate the number of fixed small satellite transmit/receive earth stations that would constitute a small business under the SBA definition. However, the majority of these stations could be impacted by our revised rules.

Fixed Satellite Very Small Aperture Terminal (VSAT) Systems. These stations operate on a primary basis, and frequency coordination with terrestrial microwave systems is not required. Thus, a single "blanket" application may be filed for a specified number of small antennas and one or more hub stations. There are 492 current VSAT System authorizations. We do not request nor collect annual revenue information, and are unable to estimate the number of VSAT systems that would constitute a small business under the SBA definition. However, it is expected that many of these stations could be impacted by our revised rules.

Mobile Satellite Earth Stations. There are 15 licensees. We do not request nor

collect annual revenue information, and are unable to estimate the number of mobile satellite earth stations that would constitute a small business under the SBA definition. However, it is expected that many of these stations could be impacted by our revised rules.

Wireless and Commercial Mobile Services

19. Cellular Licensees. Neither the Commission nor the SBA has developed a definition of small entities specific to cellular licensees. Therefore, the applicable definition of small entity is the definition under the SBA rules applicable to radiotelephone (wireless) companies. This provides that a small entity is a radiotelephone (wireless) company employing no more than 1,500 persons.²⁰ According to the Census Bureau, only twelve radiotelephone (wireless) firms from a total of 1,178 such firms which operated during 1992 had 1,000 or more employees.²¹ Even if all twelve of these firms were cellular telephone companies, nearly all cellular carriers were small businesses under the SBA's definition. In addition, we note that there are 1,758 cellular licenses; however, a cellular licensee may own several licenses. According to the most recent *Telecommunications Reporting Worksheets* data, 806 wireless telephony providers reported that they were engaged in the provision of either cellular service, Personal Communications Service (PCS) services, and SMR telephony carriers, which are placed together in the data.²² We do not have data specifying the number of these carriers that are not independently owned and operated or have more than 1,500 employees, and are unable at this time to estimate with greater precision the number of cellular service carriers that would qualify as small business concerns under the SBA's definition. We estimate that there are fewer than 806 small wireless service providers that may be affected by these revised rules. All may be impacted by these proposed rule revisions.

Private and Common Carrier Paging. In the *Paging Third Report and Order*, we adopted criteria for defining small businesses and very small businesses for purposes of determining their eligibility for special provisions such as bidding credits and installment payments.²³ We have defined 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 defined as 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.²⁴ The SBA has approved these definitions.²⁵ An auction of Metropolitan Economic Area licenses commenced on February 24, 2000, and closed on March 2, 2000.²⁶ 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 *Telecommunications Industry Revenue* data, 172 carriers reported that they were engaged in the provision of either paging or "other mobile" services, which are placed together in the data.²⁷ We do not have data specifying the number of these carriers that are not independently owned and operated or have more than 1,500 employees, and therefore are unable at this time to estimate with greater precision the number of paging carriers that would qualify as small business concerns under the SBA's definition. Consequently, we estimate that there are fewer than 172 small paging carriers that may be affected by these revised rules. We estimate that the majority of private and common carrier paging providers would qualify as small entities under the SBA definition. All may be impacted by these proposed rule revisions.

Specialized Mobile Radio (SMR). Pursuant to 47 CFR 90.814(b)(1), the Commission has defined "small business" for purposes of auctioning 900 MHz SMR licenses, 800 MHz SMR licenses for the upper 200 channels, and 800 MHz SMR licenses for the lower 230 channels on the 800 MHz band, as a firm that has had average annual gross revenues of \$15 million or less in the

²⁴ 700 MHz Guard Band Auction Closes," Public Notice, 15 FCC Rcd 18026 (2000).

²⁵ "Revision of Part 22 and Part 90 of the Commission's Rules to Facilitate Future Development of Paging Systems," Memorandum Opinion and Order on Reconsideration and Third Report and Order, 14 FCC Rcd 10030, at paragraph 98-107 (1999).

²⁶ "Revision of Part 22 and Part 90 of the Commission's Rules to Facilitate Future Development of Paging Systems," Memorandum Opinion and Order on Reconsideration and Third Report and Order, 14 FCC Rcd 10030, at paragraph 98 (1999).

²⁷ See Letter to Amy Zoslov, Chief, Auctions and Industry Analysis Division from A. Alvarez, Administrator, SBA (December 2, 1998).

¹⁹ 1992 *Economic Census Industry and Enterprise Receipts Size Report*, Table 2D, NAICS codes 48531, 513322, 51334, and 513391 (U.S. Bureau of the Census data under contract to the Office of Advocacy of the U.S. Small Business Administration).

²⁰ 13 CFR 121.201, NAICS code 513322.

²¹ 1992 *Census, Series UC92-S-1*, at Table 5, NAICS code 513322.

²² *Trends in Telephone Service*, Table 16.3 (December 2000).

²³ 220 MHz *Third Report and Order*, 62 FR 16004 (April 3, 1997), at paragraphs 291-295.