

temporary licenses, only for the period of emergency or war requiring such action, without the filing of formal applications.

§ 24.426 Receipt of application; applications in the narrowband Personal Communications Services filed on FCC Form 175 and other applications in the narrowband PCS Service.

(a) All applications for the initial provision of narrowband PCS service must be submitted on FCC Forms 175 and 175-S. Mutually exclusive initial applications in the narrowband Personal Communications Services are subject to competitive bidding. FCC Form 401 ("Application for New or Modified Common Carrier Radio Station Under Part 22") must be submitted by each winning bidder for each narrowband PCS license applied for on FCC Form 175. In the event that mutual exclusivity does not exist between applicants filing FCC Form 175, the applicant will also file FCC Form 401. The aforementioned Forms 175, 175-S, and 401 are subject to the provisions of 47 CFR part 1, subpart Q ("Competitive Bidding Proceedings") and subpart F of this part. Blanket licenses are granted for each market frequency block. Applications for individual sites are not needed and will not be accepted. See § 24.11.

(b) Applications received for filing are given a file number. The assignment of a file number to an application is merely for administrative convenience and does not indicate the acceptance of the application for filing and processing. Such assignment of a file number will not preclude the subsequent return or dismissal of the application if it is found to be not in accordance with the Commission's rules.

(c) Acceptance of an application for filing merely means that it has been the subject of a preliminary review as to completeness. Such acceptance will not preclude the subsequent return or dismissal of the application if it is found to be defective or not in accordance with the Commission's rules. (See § 24.413 for additional information concerning filing of applications.)

§ 24.427 Public notice period.

- (a) At regular intervals, the Commission will issue a public notice listing:
 - (1) The acceptance for filing of all applications and major amendments thereto;
 - (2) Significant Commission actions concerning applications listed as acceptable for filing;
 - (3) Information which the Commission in its discretion believes of public significance. Such notices are solely for the purpose of informing the public and do not create any rights in an applicant or any other person.
 - (4) Special environmental considerations as required by part 1 of this chapter.
- (b) The Commission will not grant any application until expiration of a period of thirty (30) days following the issuance date of a public notice listing the application, or any major

amendments thereto, as acceptable for filing. Provided, that the Commission will not grant an application filed on Form 401 filed either by a winning bidder or by an applicant whose Form 175 application is not mutually exclusive with other applicants, until the expiration of a period of forty (40) days following the issuance of a public notice listing the application, or any major amendments thereto, as acceptable for filing. See also 47 CFR 1.2108.

(c) As an exception to paragraphs (a)(1), (a)(2) and (b) of this section, the public notice provisions are not applicable to applications:

(1) For authorization of a minor technical change in the facilities of an authorized station where such a change would not be classified as a major amendment (as defined by Sec. 24.423) were such a change to be submitted as an amendment to a pending application;

(2) For issuance of a license subsequent to a radio station authorization or, pending application for a grant of such license, any special or temporary authorization to permit interim operation to facilitate completion of authorized construction or to provide substantially the same service as would be authorized by such license;

(3) For extension of time to complete construction of authorized facilities, see § 24.103;

(4) For temporary authorization pursuant to § 24.425(b);

(5) [Reserved]

(6) For an authorization under any of the proviso clauses of section 308(a) of the Communications Act of 1934 (47 U.S.C. 308(a));

(7) For consent to an involuntary assignment or transfer of control of a radio authorization; or

(8) For consent to a voluntary assignment or transfer of control of a radio authorization, where the assignment or transfer does not involve a substantial change in ownership or control.

§ 24.428 Dismissal and return of applications.

(a) Except as provided under § 24.429, any application may be dismissed without prejudice as a matter of right if the applicant requests its dismissal prior to designation for hearing or, in the case of applications filed on Forms 175 and 175-S, prior to auction. An applicant's request for the return of his application after it has been accepted for filing will be considered to be a request for dismissal without prejudice. Applicants requesting dismissal of their applications are also subject to 47 CFR 1.2104. Requests for dismissal shall comply with the provisions of § 24.429 as appropriate.

(b) A request to dismiss an application without prejudice will be considered after designation for hearing only if:

(1) A written petition is submitted to the Commission and is properly served upon all parties of record, and

(2) The petition complies with the provisions of § 24.429 (whenever applicable) and demonstrates good cause.

(c) The Commission will dismiss an application for failure to prosecute or for failure to respond substantially within a specified time period to official correspondence or requests for

additional information. Dismissal shall be without prejudice if made prior to designation for hearing or prior to auction, but dismissal may be made with prejudice for unsatisfactory compliance with § 24.429 or after designation for hearing or after the applicant is notified that it is the winning bidder under the auction process.

§ 24.429 Ownership changes and agreements to amend or to dismiss applications or pleadings.

(a) Applicability. Subject to the provisions of 47 CFR 1.2105 (Bidding Application and Certification Procedures; Prohibition of Collusion), this section applies to applicants and all other parties interested in pending applications who wish to resolve contested matters among themselves with a formal or an informal agreement or understanding. This section applies only when the agreement or understanding will result in:

(1) A major change in the ownership of an applicant to which §§ 24.423 (c) and 24.423 (g) would apply or which would cause the applicant to lose its status as a designated entity under § 24.309, or

(2) The individual or mutual withdrawal, amendment or dismissal of any pending application, amendment, petitioner or other pleading.

(b) If the amendment would, if granted, cause the applicant to lose its status as a designated entity under § 24.309, the applicant must comply with the obligations imposed by § 24.309 (Designated Entities) and § 1.211 (Assignment of transfer of control; unjust enrichment) before the amendment will be granted.

(c) The provisions of 47 CFR 22.927 will apply in the event of the individual or mutual withdrawal, amendment or dismissal of any pending application, amendment, petitioner or other pleading.

§ 24.430 Opposition to applications.

(a) Petitions to deny (including petitions for other forms of relief) and responsive pleadings for Commission consideration must comply with § 1.2108 of this chapter and must:

(1) Identify the application or applications (including applicant's name, station location, Commission file numbers and radio service involved) with which it is concerned;

(2) Be filed in accordance with the pleading limitations, filing periods, and other applicable provisions of §§ 1.41 through 1.52 of this chapter except where otherwise provided in § 1.2108 of this chapter;

(3) Contain specific allegations of fact which, except for facts of which official notice may be taken, shall be supported by affidavit of a person or persons with personal knowledge thereof, and which shall be sufficient to demonstrate that the petitioner (or respondent) is a party in interest and that a grant of, or other Commission action regarding, the application would be prima facie inconsistent with the public interest;

(4) Be filed within thirty (30) days after the date of public notice announcing the acceptance

for filing of any such application or major amendment thereto (unless the Commission otherwise extends the filing deadline); and

(5) Contain a certificate of service showing that it has been mailed to the applicant no later than the date of filing thereof with the Commission.

(b) A petition to deny a major amendment to a previously filed application may only raise matters directly related to the amendment which could not have been raised in connection with the underlying, previously filed application. This does not apply to petitioners who gain standing because of the major amendment.

(c) parties who file frivolous petitions to deny may be subject to sanctions including monetary forfeitures, license revocation, if they are FCC licensees, and may be prohibited from participating in future auctions.

§ 24.431 Mutually exclusive applications.

(a) The Commission will consider applications to be mutually exclusive if their conflicts are such that the grant of one application would effectively preclude by reason of harmful electrical interference, or other practical reason, the grant of one or more of the other applications. The Commission will presume "harmful electrical interference" to mean interference which would result in a material impairment to service rendered to the public despite full cooperation in good faith by all applicants or parties to achieve reasonable technical adjustments which would avoid electrical conflict.

(b) Mutually exclusive applications filed on Form 175 for the initial provision of narrowband PCS service are subject to competitive bidding in accordance with the procedures in subpart F of this part and in 47 CFR part 1, subpart Q.

(c) An application will be entitled to comparative consideration with one or more conflicting applications only if the Commission determines that such comparative consideration will serve the public interest.

§ 24.432 Consideration of applications.

(a) Applications for an instrument of authorization will be granted if, upon examination of the application and upon consideration of such other matters as it may officially notice, the Commission finds that the grant will serve the public interest, convenience, and necessity. See also § 1.2108.

(b) The grant shall be without a formal hearing if, upon consideration of the application, any pleadings or objections filed, or other matters which may be officially noticed, the Commission finds that:

(1) The application is acceptable for filing, and is in accordance with the Commission's rules, regulations, and other requirements;

(2) The application is not subject to a post-auction hearing or to comparative consideration pursuant to § 24.431 with another application(s);

(3) A grant of the application would not cause harmful electrical interference to an

authorized station;

(4) There are no substantial and material questions of fact presented; and

(5) The applicant is qualified under current FCC regulations and policies.

(c) If the Commission should grant without a formal hearing an application for an instrument of authorization which is subject to a petition to deny filed in accordance with § 24.430, the Commission will deny the petition by the issuance of a Memorandum Opinion and Order which will concisely report the reasons for the denial and dispose of all substantial issues raised by the petition.

(d) Whenever the Commission, without a formal hearing, grants any application in part, or subject to any terms or conditions other than those normally applied to applications of the same type, it shall inform the applicant of the reasons therefor, and the grant shall be considered final unless the Commission should revise its action (either by granting the application as originally requested, or by designating the application for a formal evidentiary hearing) in response to a petition for reconsideration which:

(1) Is filed by the applicant within thirty (30) days from the date of the letter or order giving the reasons for the partial or conditioned grant;

(2) Rejects the grant as made and explains the reasons why the application should be granted as originally requested; and,

(3) Returns the instrument of authorization.

(e) The Commission will designate an application for a formal hearing, specifying with particularity the matters and things in issue, if, upon consideration of the application, any pleadings or objections filed, or other matters which may be officially noticed, the Commission determines that:

(1) A substantial and material question of fact is presented (see also § 1.2108);

(2) The Commission is unable for any reason to make the findings specified in paragraph (a) of this section and the application is acceptable for filing, complete, and in accordance with the Commission's rules, regulations, and other requirements; or

(3) The application is entitled to comparative consideration (under § 24.431) with another application (or applications).

(f) The Commission may grant, deny or take other action with respect to an application designated for a formal hearing pursuant to paragraph (e) or Part I of this chapter.

(g) Reserved

(h) Reconsideration or review of any final action taken by the Commission will be in accordance with Subpart A of part 1 of this chapter.

§§ 24.433–24.438 [Reserved]

§ 24.439 Transfer of control or assignment of station authorization.

(a) Approval required. Authorizations shall be transferred or assigned to another party, voluntarily (for example, by contract) or involuntarily (for example, by death, bankruptcy, or legal disability), directly or indirectly or by transfer of control of any corporation holding

such authorization, only upon application and approval by the Commission. A transfer of control or assignment of station authorization in the narrowband Personal Communications Service is also subject to § 24.309 (Designated Entities) and § 1.2111 (Assignment or transfer of control: unjust enrichment)

(1) A change from less than 50% ownership to 50% or more ownership shall always be considered a transfer of control.

(2) In other situations a controlling interest shall be determined on a case-by-case basis considering the distribution of ownership, and the relationships of the owners, including family relationships.

(b) Form required— (1) Assignment.

(i) FCC Form 490 shall be filed to assign a license or permit.

(ii) In the case of involuntary assignment, FCC Form 490 shall be filed within 30 days of the event causing the assignment.

(2) *Transfer of control.*

(i) FCC Form 490 shall be submitted in order to transfer control of a corporation holding a license or permit.

(ii) In the case of involuntary transfer of control, FCC Form 490 shall be filed within 30 days of the event causing the transfer.

(3) *Form 430.* Whenever an application must be filed under paragraph (a) (1) or (2) of this section, the assignee or transferee shall file FCC Form 430 ("Common Carrier Radio License Qualification Report") unless an accurate report is on file with the Commission.

(4) *Notification of completion.* The Commission shall be notified by letter of the date of completion of the assignment or transfer of control.

(5) If the transfer of control of a license is approved, the new licensee is held to the original build-out requirement of § 24.103.

(c) In acting upon applications for transfer of control or assignment, the Commission will not consider whether the public interest, convenience, and necessity might be served by the transfer or assignment of the authorization to a person other than the proposed transferee or assignee.

(d) [Reserved]

§§ 24.440–24.442 [Reserved]

§ 24.443 Extension of time to complete construction.

(a) If construction is not completed within the time period set forth in § 24.103, the authorization will automatically expire. Before the period for construction expires an application for an extension of time to complete construction (FCC Form 489) may be filed. See subsection (b) of this section. Within 30 days after the authorization expires an application for reinstatement may be filed on FCC Form 489.

(b) An application for extension of time to complete construction may be made on FCC Form 489. Extension of time requests must be filed prior to the expiration of the construction

period. Extensions will be granted only if the licensee shows that the failure to complete construction is due to causes beyond his control. An application for modification of an authorization (under construction) does not extend the initial construction period. If additional time to construct is required, an FCC Form 489 must be submitted.

§ 24.444 Termination of authorization.

(a)(1) All authorizations shall terminate on the date specified on the authorization or on the date specified by these rules, unless a timely application for renewal has been filed.

(2) If no application for renewal has been made before the authorization's expiration date, a late application for renewal will only be considered if it is filed within 30 days of the expiration date and shows that the failure to file a timely application was due to causes beyond the applicant's control. During this 30 day period reinstatement applications must be filed on FCC Form 489. Service to subscribers need not be suspended while a late filed renewal application is pending, but such service shall be without prejudice to Commission action on the renewal application and any related sanctions. See also § 24.16 (Criteria for Comparative Renewal Proceedings).

(b) Special Temporary Authority. A special temporary authorization shall automatically terminate upon failure to comply with the conditions in the authorization.

Subpart H - Competitive Bidding Procedures for Broadband PCS

§ 24.701 Broadband PCS subject to competitive bidding.

Mutually exclusive initial applications to provide broadband PCS service are subject to competitive bidding procedures. The general competitive bidding procedures found in 47 CFR Part 1, Subpart Q will apply unless otherwise provided in this part.

§ 24.702 Competitive bidding design for Broadband PCS licensing.

(a) The Commission will employ the following competitive bidding designs when choosing from among mutually exclusive initial applications to provide broadband PCS service:

- (1) Simultaneous multiple round auctions.
- (2) Sequential auctions.

(b) The Commission may design and test alternative procedures. The Commission will announce by Public Notice before each auction the competitive bidding design to be employed in a particular auction.

(c) The Commission may use combinatorial bidding, which would allow bidders to submit all or nothing bids on combinations of licenses, in addition to bids on individual licenses. The Commission may require that to be declared the high bid, a combinatorial bid must exceed the sum of the individual bids by a specified amount or percentage. Combinatorial

bidding may be used with any type of auction design.

(d) The Commission may use single combined auctions, which combine bidding for two or more substitutable licenses and award licenses to the highest bidders until the available licenses are exhausted. This technique may be used in conjunction with any type of auction.

§ 24.703 Competitive bidding mechanisms.

(a) *Sequencing.* The Commission will establish and may vary the sequence in which broadband PCS licenses will be auctioned.

(b) *Grouping.* In the event the Commission uses either a simultaneous multiple round competitive bidding design or combinatorial bidding, the Commission will determine which licenses will be auctioned simultaneously or in combination.

(c) *Reservation Price.* The Commission may establish a reservation price, either disclosed or undisclosed, below which a license subject to auction will not be awarded.

(d) *Minimum Bid Increments.* The Commission will, by announcement before or during an auction, require minimum bid increments in dollar or percentage terms.

(e) *Stopping Rules.* The Commission will establish stopping rules before or during multiple round auctions in order to terminate an auction within a reasonable time.

(f) *Activity Rules.* The Commission will establish activity rules which require a minimum amount of bidding activity. In the event that the Commission establishes an activity rule in connection with a simultaneous multiple-round auction, bidders will be entitled to request and be granted waivers of such rule. The Commission will specify the number of waivers permitted in an auction, the frequency with which they may be exercised, and the method of operation of waivers by Public Notice prior to each auction.

(g) *Suggested Minimum Bid.* The Commission may establish suggested minimum bids on each license. Bids below the suggested minimum bid would count as activity under the activity rule only if no bids at or above the suggested minimum bid are received.

(h) *Bidder Identification During Auctions.* The Commission may choose, on an auction-by-auction basis, to release the identity of the bidders associated with bidder identification numbers. The Commission will announce by Public Notice before each auction whether the bidder identities will be revealed.

§ 24.704 Withdrawal, default and disqualification penalties.

(a) When the Commission conducts a simultaneous multiple round auction pursuant to § 24.702(a)(1), the Commission will impose penalties on bidders who withdraw high bids during the course of an auction, who default on payments due after an auction closes, or who are disqualified.

(1) *Bid withdrawal prior to close of auction.* A bidder who withdraws a high bid during the course of an auction will be subject to a penalty equal to the difference between the amount bid and the amount of the winning bid the next time the license is offered by the

Commission. No withdrawal penalty would be assessed if the subsequent winning bid exceeds the withdrawn bid. This penalty amount will be deducted from any upfront payments or down payments that the withdrawing bidder has deposited with the Commission.

(2) *Default or disqualification after close of auction.* If a high bidder defaults or is disqualified after the close of such an auction, the defaulting bidder will be subject to the penalty in paragraph (a)(1) of this section plus an additional penalty equal to three (3) percent of the subsequent winning bid. If the subsequent winning bid exceeds the defaulting bidder's bid amount, the 3 percent penalty will be calculated based on the defaulting bidder's bid amount. These amounts will be deducted from any upfront payments or down payments that the defaulting or disqualified bidder has deposited with the Commission.

(b) When the Commission conducts sequential oral auctions pursuant to § 24.702(a)(2), the Commission may modify the penalties set forth in subsection (a) above to be paid in the event of bid withdrawal, default or disqualification; provided, however, that such penalties shall not exceed the penalties specified above.

(1) If a bid is withdrawn before the Commission has declared the bidding to be closed for the license bid on, no bid withdrawal penalty will be assessed.

(2) If a bid is withdrawn after the Commission has declared the bidding to be closed for the license bid on, the penalty specified in paragraph (a)(2) of this section will apply.

§ 24.705 Bidding application (FCC Form 175 and 175-S Short-Form).

All applicants to participate in competitive bidding for broadband PCS licenses must submit applications on FCC Forms 175 and 175-S pursuant to the provisions of §§ 1.2105 of the Chapter and 24.813. The Commission will issue a Public Notice announcing the availability of broadband PCS licenses and, in the event that mutually exclusive applications are filed, the date of the auction for those licenses. This Public Notice also will specify the date on or before which applicants intending to participate in a broadband PCS auction must file their applications in order to be eligible for that auction, and it will contain information necessary for completion of the application as well as other important information such as the materials which must accompany the Forms, any filing fee that must accompany the application or any upfront payment that will need to be submitted, and the location where the application must be filed.

§ 24.706 Submission of upfront payments and down payments.

(a) Where the Commission uses simultaneous multiple round auctions or oral sequential auctions, bidders will be required to submit an upfront payment in accordance with § 1.2106 of this Chapter and § 24.711(a)(1).

(b) Winning bidders in an auction must submit a down payment to the Commission in accordance with § 1.2107(b) of this Chapter and § 24.711(a)(2).

§ 24.707 Long-form applications.

Each winning bidder will be required to submit a long-form application on FCC Form 401, as modified, within ten (10) business days after being notified that it is the winning bidder. Applications on FCC Form 401 shall be submitted pursuant to the procedures set forth in Subpart I of this Part and § 1.2107(c) and (d) of this Chapter and any associated Public Notices. Only auction winners (and applicants seeking partitioned licenses pursuant to agreements with auction winners under § 24.714) will be eligible to file applications on FCC Form 401 for initial broadband PCS licenses in the event of mutual exclusivity between applicants filing Form 175. Winning bidders need not complete Schedule B to Form 401.

§ 24.708 License grant, denial, default, and disqualification.

(a) Except with respect to entities eligible for installment payments (*see* § 24.711), each winning bidder will be required to pay the balance of its winning bid in a lump sum payment within five (5) business days following the award of the license. Grant of the license will be conditioned upon full and timely payment of the winning bid amount.

(b) A bidder who withdraws its bid subsequent to the close of bidding, defaults on a payment due or is disqualified will be subject to the penalties specified in § 1.2109 of this Chapter.

§ 24.709 Eligibility for licenses for frequency Blocks C and F.

(a) General Rule.

(1) No application is acceptable for filing and no license shall be granted for frequency block C or frequency block F, unless the applicant, together with its *affiliates* and persons or entities that hold interests in the applicant and their *affiliates*, have *gross revenues* of less than \$125 million in each of the last two years and *total assets* of less than \$500 million at the time the applicant's short-form application (Form 175) is filed.

(2) The *gross revenues* and *total assets* of the applicant (or licensee), and its *affiliates*, and (except as provided in paragraph (b) of this section) of persons or entities that hold interests in the applicant (or licensee), and their *affiliates*, shall be attributed to the applicant and considered on a cumulative basis and aggregated for purposes of determining whether the applicant (or licensee) is eligible for a license for frequency block C or frequency block F under this section.

(3) Any licensee awarded a license pursuant to this section (or pursuant to § 24.839(d)(2)) shall maintain its eligibility until at least five years from the date of initial license grant, except that a licensee's (or other attributable entity's) increased *gross revenues* or increased *total assets* due to *nonattributable equity* investments (i.e., from sources whose *gross revenues*, and *total assets* are not considered under paragraph (b) of this section), debt financing, revenue from operations or other investments, business development or expanded service shall not be considered.

(b) Exceptions to General Rule.

(1) *Small Business Consortia.* Where an applicant (or licensee) is a *consortium of small*

businesses, the *gross revenues* and *total assets* of each small business shall not be aggregated.

(2) *Publicly-Traded Corporations*. Where an applicant (or licensee) is a *publicly traded corporation with widely dispersed voting power*, the *gross revenues* and *total assets* of a person or entity that holds an interest in the applicant (or licensee), and its *affiliates*, shall not be considered.

(3) *25 Percent Equity Exception*. The *gross revenues* and *total assets* of a person or entity that holds an interest in the applicant (or licensee), and its *affiliates*, shall not be considered so long as:

(i) Such person or entity, together with its *affiliates*, holds only *nonattributable equity* equaling no more than 25 percent of the applicant's (or licensee's) total equity;

(ii) Except as provided in paragraph (b)(5) of this section, such person or entity is not a member of the applicant's (or licensee's) *control group*; and

(iii) The applicant (or licensee) has a *control group* that complies with the minimum equity requirements of paragraph (b)(5) of this section, and, if the applicant (or licensee) is a corporation, owns at least 50.1 percent of the applicant's (or licensee's) voting interests, and, if the applicant (or licensee) is a partnership, holds all of its general partnership interests.

(4) *49.9 Percent Equity Exception*. The *gross revenues* and *total assets* of a person or entity that holds an interest in the applicant (or licensee), and its *affiliates*, shall not be considered so long as:

(i) Such person or entity, together with its *affiliates*, holds only *nonattributable equity* equaling no more than 49.9 percent of the applicant's (or licensee's) total equity;

(ii) Except as provided in paragraph (b)(6) of this section, such person or entity is not a member of the applicant's (or licensee's) *control group*; and

(iii) The applicant (or licensee) has a *control group* that complies with the minimum equity requirements of paragraph (b)(6) of this section and, if the applicant (or licensee) is a corporation, owns at least 50.1 percent of the applicant's (or licensee's) voting interests, and, if the applicant (or licensee) is a partnership, holds all of its general partnership interests.

(5) *Control Group Minimum 25 Percent Equity Requirement*. In order to be eligible to exclude *gross revenues* and *total assets* of persons or entities identified in paragraph (b)(3) of this section, and applicant (or licensee) must comply with the following requirements:

(i) Except for an applicant (or licensee) whose sole control group member is a *preexisting entity*, as provided in paragraph (b)(5)(ii) of this section, at the time the applicant's short-form application (Form 175) is filed and until at least three years following the date of initial license grant, the applicant's (or licensee's) *control group* must own at least 25 percent of the applicant's (or licensee's) total equity as follows:

(A) At least 15 percent of the applicant's (or licensee's) total equity must be held by qualifying investors, either unconditionally or in the form of options exercisable, at the option of the holder, at any time and at any exercise price equal to or less than the market value at the time the applicant files its short-form application (Form 175);

(B) Such *qualifying investors* must hold 50.1 percent of the voting stock and all general partnership interests within the control group, and must have *de facto* control of the control group and of the applicant;

(C) The remaining 10 percent of the applicant's (or licensee's) total equity may be owned by *qualifying investors*, either unconditionally or in the form of stock options not subject to the restrictions of paragraph (b)(5)(i)(A) of this section, or by any of the following entities, which may not comply with section 24.720(n)(1):

- (1) *Institutional investors*, either unconditionally or in the form of stock options;
- (2) Noncontrolling *existing investors* in any *preexisting entity* that is a member of the *control group*, either unconditionally or in the form of stock options; or
- (3) Individuals that are members of the applicant's (or licensee's) management, either unconditionally or in the form of stock options.

(D) Following termination of the three-year period specified in paragraph (b)(5)(i) of this section, *qualifying investors* must continue to own at least 10 percent of the applicant's (or licensee's) total equity, either unconditionally or in the form of stock options subject to the restrictions in paragraph (b)(5)(i)(A) of this section. The restrictions specified in paragraph (b)(5)(i)(C)(1) through (4) of this section no longer apply to the remaining equity after termination of such three-year period.

(ii) At the election of an applicant (or licensee) whose *control group's* sole member is a *preexisting entity*, the 25 percent minimum equity requirements set forth in paragraph (b)(5)(i) of this section shall apply, except that only 10 percent of the applicant's (or licensee's) total equity must be held by *qualifying investors* and that the remaining 15 percent of the applicant's (or licensee's) total equity may be held by *qualifying investors* or noncontrolling *existing investors* in such *control group* member or individuals that are members of the applicant's (or licensee's) management. These restrictions on the identity of the holder(s) of the remaining 15 percent of the licensee's total equity no longer apply after termination of the three-year period specified in paragraph (b)(5)(i) of this section.

(6) *Control Group Minimum 50.1 Percent Equity Requirement.* In order to be eligible to exclude *gross revenues* and *total assets* of persons or entities identified in paragraph (b)(4) of this section, an applicant (or licensee) must comply with the following requirements:

(i) Except for an applicant (or licensee) whose sole control group member is a *preexisting entity*, as provided in paragraph (b)(6)(ii) of this section, at the time the applicant's short-form application (Form 175) is filed and until at least three years following the date of initial license grant, the applicant's (or licensee's) *control group* must own at least 50.1 percent of the applicant's (or licensee's) total equity as follows:

(A) at least 30 percent of the applicant's (or licensee's) total equity must be held by *qualifying minority and/or women investors*, either unconditionally or in the form of options exercisable, at the option of the holder, at any time and at any exercise price equal to or less than the market value at the time the applicant files its short-form application (Form 175);

(B) Such *qualifying minority and/or women investors* must hold 50.1 percent of the voting stock and all general partnership interests within the control group and must have *de facto* control of the control group and of the applicant;

(C) The remaining 20.1 percent of the applicant's (or licensee's) total equity may be owned by *qualifying investors*, either unconditionally or in the form of stock options not subject to the restrictions of paragraph (b)(5)(i)(A) of this section, or by any of the following entities,

which may not comply with section 24.720(n)(1):

- (1) *Institutional investors*, either unconditionally or in the form of stock options;
- (2) Noncontrolling *existing investors* in any *preexisting entity* that is a member of the *control group*, either unconditionally or in the form of stock options; or
- (3) Individuals that are members of the applicant's (or licensee's) management, either unconditionally or in the form of stock options.

(D) Following termination of the three-year period specified in paragraph (b)(6)(i) of this section, *qualifying minority and/or women investors* must continue to own at least 20 percent of the applicant's (or licensee's) total equity, either unconditionally or in the form of stock options subject to the restrictions in paragraph (b)(6)(i)(A) of this section. The restrictions specified in paragraph (b)(6)(i)(C)(1) through (4) of this section no longer apply to the remaining equity after termination of such three-year period.

(ii) At the election of an applicant (or licensee) whose *control group's* sole member is a *preexisting entity*, the 50.1 percent minimum equity requirements set forth in paragraph (b)(6)(i) of this section shall apply, except that only 20 percent of the applicant's (or licensee's) total equity must be held by *qualifying minority and/or women investors*, and that the remaining 30.1 percent of the applicant's (or licensee's) total equity may be held by *qualifying minority and/or women investors*, or noncontrolling *existing investors* in such *control group* member or individuals that are members of the applicant's (or licensee's) management. These restrictions on the identity of the holder(s) of the remaining 30.1 percent of the licensee's total equity no longer apply after termination of the three-year period specified in paragraph (b)(6)(i) of this section.

(7) *Calculation of Certain Interests*. Except as provided in paragraphs (b)(5) and (b)(6) of this section, ownership interests shall be calculated on a fully diluted basis; all agreements such as warrants, stock options and convertible debentures will generally be treated as if the rights thereunder already have been fully exercised, except that such agreements may not be used to appear to terminate or divest ownership interests before they actually do so, in order to comply with the *nonattributable equity* requirements in paragraphs (b)(3)(i) and (b)(4)(i) of this section.

(8) *Aggregation of Affiliate Interests*. Persons or entities that hold interest in an applicant (or licensee) that are *affiliates* of each other or have an identity of interests identified in § 24.720(1)(3) will be treated as though they were one person or entity and their ownership interests aggregated for purposes of determining an applicant's (or licensee's) compliance with the *nonattributable equity* requirements in paragraphs (b)(3)(i) and (b)(4)(i) of this section.

Example 1 for paragraph (b)(8). ABC Corp. is owned by individuals, A, B, and C, each having an equal one-third voting interest in ABC Corp. A and B together, with two-thirds of the stock have the power to control ABC Corp. and have an identity of interest. If A & B invest in DE Corp., a broadband PCS applicant for block C, A and B's separate interests in DE Corp. must be aggregated because A and B are to be treated as one person.

Example 2 for paragraph (b)(8). ABC Corp. has subsidiary BC Corp., of which it holds a controlling 51 percent of the stock. If ABC Corp. and BC Corp., both invest in DE Corp., their separate interests in DE Corp. must be aggregated because ABC Corp. and BC Corp. are

affiliates of each other.

(c) *Short-Form and Long-Form Applications: Certifications and Disclosure.*

(1) *Short-form Application.* In addition to certifications and disclosures required by Part 1, subpart Q of this Chapter and § 24.813, each applicant for a license for frequency Block C or frequency Block F shall certify on its short-form application (Form 175) that it is eligible to bid on and obtain such license(s), and (if applicable) that it is eligible for designated entity status pursuant to this section and § 24.720, and shall append the following information as an exhibit to its Form 175:

(i) For an applicant that is a *publicly traded corporation with widely disbursed voting power*:

(A) A certified statement that such applicant complies with the requirements of the definition of *publicly traded corporation with widely disbursed voting power* set forth in § 24.720(m);

(B) The identify of each *affiliate* of the applicant if not disclosed pursuant to § 24.813; and

(C) The applicant's *gross revenues* and *total assets*, computed in accordance with paragraphs (a) and (b) of this section.

(ii) For all other applicants:

(A) The identity of each member of the applicant's *control group*, regardless of the size of each member's total interest in the applicant, and the percentage and type of interest held;

(B) The citizenship and the gender or minority group classification for each member of the applicant's *control group* if the applicant is claiming status as a *business owned by members of minority groups and/or women*;

(C) The status of each *control group* member that is an *institutional investor*, an *existing investor*, and/or a member of the applicant's management;

(D) The identify of each *affiliate* of the applicant and each *affiliate* of individuals or entities identified pursuant to paragraphs (c)(1)(ii)(A) and (c)(1)(ii)(C) of this section if not disclosed pursuant to § 24.813;

(E) A certification that the applicant's sole *control group* member is a *preexisting entity*, if the applicant makes the election in either paragraph (b)(5)(ii) or (b)(6)(ii) of this section; and

(F) The applicant's *gross revenues* and *total assets*, computed in accordance with paragraphs (a) and (b) of this section.

(iii) for each applicant claiming status as a *small business consortium*, the information specified in paragraph (c)(1)(ii) of this section, for each member of such consortium.

(2) *Long-form Application.* In addition to the requirements in subpart I of this part and other applicable rules (e.g., § 24.204(f), 20.6(e), 20.9(b)), each applicant submitting a long-form application for license(s) for frequency blocks C and F shall, in an exhibit to its long-form application:

(i) Disclose separately and in the aggregate the *gross revenues* and *total assets*, computed in accordance with paragraphs (a) and (b) of this section, for each of the following: the applicant; the applicant's *affiliates*, the applicant's *control group* members; the applicant's attributable investors; and *affiliates* of its attributable investors;

(ii) List and summarize all agreements or other instruments (with appropriate references to

specific provisions in the text of such agreements and instruments) that support the applicant's eligibility for a license(s) for frequency Block C or frequency Block F and its eligibility under §§ 24.711 through 24.720, including the establishment of *de facto* and *de jure* control; such agreements and instruments include articles of incorporation and bylaws, shareholder agreements, voting or other trust agreements, partnership agreements, management agreements, joint marketing agreements, franchise agreements, and any other relevant agreements (including letters of intent), oral or written; and

(iii) List and summarize any investor protection agreements and identify specifically any such provisions in those agreements identified pursuant to paragraph (c)(2)(ii) of this section, including rights of first refusal, supermajority clauses, options, veto rights, and rights to hire and fire employees and to appoint members to boards of directors or management committees.

(3) *Records Maintenance.* All applicants, including those that are winning bidders, shall maintain at their principal place of business an updated file of ownership, revenue and asset information, including those documents referenced in paragraphs (c)(2)(ii) and (c)(2)(iii) of this section and any other documents necessary to establish eligibility under this section or under the definitions of *small business and/or business owned by members of minority groups and/or women*. Licensees (and their successors in interest) shall maintain such files for the term of the license. Applicants that do not obtain the license(s) for which they applied shall maintain such files until the grant of such license(s) is final, or one year from the date of the filing of their short-form application (Form 175), whichever is earlier.

(d) *Audits.*

(1) Applicants and licensees claiming eligibility under this section or §§ 24.711 through 24.720 shall be subject to audits by the Commission, using in-house and contract resources. Selection for audit may be random, on information, or on the basis of other factors.

(2) Consent to such audits is part of the certification included in the short-form application (Form 175). Such consent shall include consent to the audit of the applicant's or licensee's books, documents and other material (including accounting procedures and practices) regardless of form or type, sufficient to confirm that such applicant's or licensee's representations are, and remain, accurate. Such consent shall include inspection at all reasonable times of the facilities, or parts thereof, engaged in providing and transacting business, or keeping records regarding licensed broadband PCS service and shall also include consent to the interview of principals, employees, customers and suppliers of the applicant or licensee.

(e) *Definitions.* The terms *affiliate*, *business owned by members of minority groups and women*, *consortium of small businesses*, *control group*, *existing investor*, *gross revenues*, *institutional investor*, *members of minority groups*, *nonattributable equity*, *preexisting entity*, *publicly traded corporation with widely dispersed voting power*, *qualifying investor*, *qualifying minority and/or woman investor*, *small business* and *total assets* used in this section are defined in § 24.720.

§ 24.710 Limitation on licenses won at auction for frequency Blocks C and F.

(a) No applicant may be deemed the winning bidder of more than 98 of the licenses available for frequency Blocks C and F. Any applicant who is the high bidder for more than 98 of the licenses available for frequency Blocks C and F shall be required to withdraw its bid(s) for a sufficient number of licenses to achieve compliance with this section and may be subject to bid withdrawal penalties under § 24.704.

(b) For purposes of paragraph (a) of this section, licenses will be deemed to be won by the same bidder if an entity that controls or has the power to control any applicant that wins licenses at the auction, has the power to control any other applicant that wins licenses at the auction.

§ 27.711 Upfront payments, down payments and installment payments for licenses for frequency Blocks C and F.

(a) Upfront Payments and Down Payments.

(1) Each eligible bidder for licenses on frequency Blocks C or F subject to auction shall pay an upfront payment of \$0.015 per MHz per pop for the maximum number of licenses (in terms of MHz-pops) on which it intends to bid pursuant to § 1.2106 of this Chapter and procedures specified by Public Notice.

(2) Each winning bidder shall make a down payment equal to ten percent of its winning bid (less applicable bidding credits); a winning bidder shall bring its total amount on deposit with the Commission (including upfront payment) to five percent of its net winning bid within five business days after the auction closes, and the remainder of the down payment (five percent) shall be paid within five business days after the application required by § 24.809(b) is granted.

(b) *Installment Payments.* Each eligible licensee of frequency Block C or F may pay the remaining 90 percent of the net auction price for the license in installment payments pursuant to § 1.2110(e) of this Chapter and under the following terms:

(1) For an eligible licensee with *gross revenues* exceeding \$75 million (calculated in accordance with § 24.709(a)(2) and (b)) in each of the two preceding years (calculated in accordance with 24.720(f)), interest shall be imposed based on the rate for ten-year U.S. Treasury obligations applicable on the date the license is granted, plus 3.5 percent; payments shall include both principal and interest amortized over the term of the license.

(2) For an eligible licensee with *gross revenues* not exceeding \$75 million (calculated in accordance with § 24.709(a)(2) and (b)) in each of the two preceding years, interest shall be imposed based on the rate for ten-year U.S. Treasury obligations applicable on the date the license is granted, plus 2.5 percent; payments shall include interest only for the first year and payments of interest and principal amortized over the remaining nine years of the license term.

(3) For an eligible licensee that qualifies as a Small business or as a consortium of small businesses, interest shall be imposed based on the rate for ten-year U.S. Treasury obligations

applicable on the date the license is granted, plus 2.5 percent; payments shall include interest only for the first two years and payments of interest and principal amortized over the remaining eight years of the license term.

(4) For an eligible licensee that qualifies as a business owned by members of minority groups and/or women, interest shall be imposed based on the rate for ten-year U.S. Treasury obligations applicable on the date the license is granted; payments shall include interest only for the first three years and payments of interest and principal amortized over the remaining seven years of the license term.

(5) For an eligible licensee that qualifies as a small business owned by members of minority groups and/or women or as a consortium of small business owned by members of minority groups and/or women, interest shall be imposed based on the rate for ten-year U.S. Treasury obligations applicable on the date the license is granted; payments shall include interest only for the first six years and payments of interest and principal amortized over the remaining four years of the license term.

(c) Unjust Enrichment.

(1) If a licensee that utilizes installment financing under this section seeks to assign or transfer control of its license to an entity not meeting the eligibility standards for installment payments, the licensee must make full payment of the remaining unpaid principal and any unpaid interest accrued through the date of assignment or transfer as a condition of approval.

(2) If a licensee that utilizes installment financing under this section seeks to make any change in ownership structure that would result in the licensee losing eligibility for installment payments, the licensee shall first seek Commission approval and must make full payment of the remaining unpaid principal and any unpaid interest accrued through the date of such change as a condition of approval. A licensee's (or other attributable entity's) increased gross revenues or increased total assets due to nonattributable equity investments (i.e., from sources whose gross revenues and total assets are not considered under § 24.709(b)), debt financing, revenue from operations or other investments, business development or expanded service shall not be considered to result in the licensee losing eligibility for installment payments.

(3) If a licensee seeks to make any change in ownership that would result in the licensee qualifying for a less favorable installment plan under this section, the licensee shall seek Commission approval and must adjust its payment plan to reflect its new eligibility status. A licensee may not switch its payment plan to a more favorable plan.

§ 24.712 Bidding credits for licenses for frequency Blocks C and F.

(a) A winning bidder that qualifies as a small business or a consortium of small businesses may use a bidding credit of ten percent to lower the cost of its winning bid.

(b) A winning bidder that qualifies as a business owned by members of minority groups and/or women may use a bidding credit of fifteen percent to lower the cost of its winning bid.

(c) A winning bidder that qualifies as a small business owned by members of minority groups and/or women or a consortium of small business owned by members of minority

groups and/or women may use a bidding credit of twenty-five percent to lower the cost of its winning bid.

(d) *Unjust Enrichment.*

(1) If during the term of the initial license grant (*see* § 24.15), a licensee that utilizes a bidding credit under this section seeks to assign or transfer control of its license to an entity not meeting the eligibility standards for bidding credits or seeks to make any other change in ownership that would result in the licensee no longer qualifying for bidding credits under this section, the licensee must seek Commission approval and reimburse the government for the amount of the bidding credit as a condition of the approval of such assignment, transfer or other ownership change.

(2) If during the term of the initial license grant (*see* § 24.15), a licensee that utilizes a bidding credit under this section seeks to assign or transfer control of its license to an entity meeting the eligibility standards for lower bidding credits or seeks to make any other change in ownership that would result in the licensee qualifying for a lower bidding credit under this section, the licensee must seek Commission approval and reimburse the government for the difference between the amount of the bidding credit obtained by the licensee and the bidding credit for which the assignee, transferee or licensee is eligible under this section as a condition of the approval of such assignment, transfer or other ownership change.

§ 24.713 Tax certificates.

(a) Any non-controlling initial investor in a business owned by members of minority groups and/or women and who provides "start-up" financing, which allows such business to acquire a broadband PCS license(s), and any non-controlling investor who purchases an interest in a broadband PCS license held by a business owned by members of minority groups and/or women within the first year after license issuance, may, upon the sale of such investment or interest, request from the Commission a tax certificate.

Note: For purposes of this subsection, *non-controlling investor* means any person who is not part of the control group of a business owned by members of minority groups and/or women as defined in § 24.720(k).

(b) Any broadband PCS licensee who assigns or transfers control of its license to a business owned by members of minority groups and/or women may request that the Commission issue the licensee a tax certificate. Any licensee that obtains a broadband PCS license through the benefit of a tax certificates under this subsection shall not assign or transfer control of its license within one year of its license grant date, unless such assignee or transferee qualifies as a business owned by members of minority groups and/or women, which shall not assign or transfer control of the license within one year of the grant date of the assignment or transfer.

(c) Any licensee in the Domestic Public Cellular Radio Telecommunications Service who assigns or transfers control of its cellular license(s) to a business owned by members of minority groups and/or women may request that the Commission issue the licensee a tax

certificate. Such tax certificates will only be issued if the principal purpose of the assignment or transfer of control is to allow the cellular licensee to become eligible for a broadband PCS license(s) beyond the limitations imposed on the cellular licensee by § 24.204. Any licensee that obtains a cellular license through the benefit of a tax certificate under this paragraph shall not assign or transfer control of its license within one year of its license grant date, unless such assignee or transferee qualifies as a business owned by members of minority groups and/or women, which shall not assign or transfer control of the license within one year of the grant date of the assignment or transfer.

§ 24.714 Eligibility for partitioned licenses.

(a) Notwithstanding § 24.202, an applicant that is a rural telephone company, as defined in § 24.720(e), may be granted a broadband PCS license that is geographically partitioned from a separately licensed MTA or BTA, so long as the MTA or BTA applicant or licensee has voluntarily agreed (in writing) to partition a portion of the license to the rural telephone company.

(b) If partitioned licenses are being applied for in conjunction with a license(s) to be awarded through competitive bidding procedures –

(1) The applicable procedures for filing short-form applications and for submitting upfront payments and down payments contained in this Part and Part 1 of this Chapter shall be followed by the applicant, who must disclose as part of its short-form application all parties to agreement(s) with or among rural telephone companies to partition the license pursuant to this section, if won at auction (*see* 47 CFR §1.2105(a)(2)(viii));

(2) Each rural telephone company that is a party to an agreement to partition the license shall file a long-form application for its respective, mutually agreed-upon geographic area together with the application for the remainder of the MTA or BTA filed by the auction winner.

(c) If the partitioned license is being applied for as a partial assignment of the MTA or BTA license following grant of the initial license, request for authorization for partial assignment of a license shall be made pursuant to § 24.839.

(d) Each application for a partitioned area (long-form initial application or partial assignment application) shall contain a partitioning plan that must propose to establish a partitioned area to be licensed that meets the following criteria:

- (1) Conforms to established geopolitical boundaries (such as county lines);
- (2) Includes the wireline service area of the rural telephone company applicant; and
- (3) Is reasonably related to the rural telephone company's wireline service area.

Note: A partitioned service area will be presumed to be reasonably related to the rural telephone company's wireline service area if the partitioned service area contains no more than twice the population overlap between the rural telephone company's wireline service area and the partitioned area.

(e) Each licensee in each partitioned area will be responsible for meeting the construction requirements in its area (*see* § 24.203).

§ 24.720 Definitions.

(a) *Scope.* The definitions in this section apply to §§ 24.709 through 24.714, unless otherwise specified in those sections.

(b) *Small Business: Consortium of Small Businesses.*

(1) A small business is an entity that, together with its affiliates and persons or entities that hold interest in such entity and their affiliates, has average annual gross revenues that are not more than \$40 million for the preceding three years.

(2) For purposes of determining whether an entity meets the \$40 million average annual gross revenues size standard set forth in paragraph (b)(1) of this section, the gross revenues of the entity, its affiliates, persons or entities holding interests in the entity and their affiliates shall be considered on a cumulative basis and aggregated, subject to the exceptions set forth § 24.709(b).

(3) A small business consortium is conglomerate organization formed as a joint venture between or among mutually-independent business firms, each of which individually satisfies the definition of a small business in paragraphs (b)(1) and (b)(2) of this section.

(c) *Business Owned by Members of Minority Groups and/or Women.* A business owned by members of minority groups and/or women is an entity:

(1) In which the qualifying investor members of an applicant's control group are members of minority groups and/or women who are United States citizens; and (2) That complies with the requirements of § 24.709 (b)(3) and (b)(5) or § 24.709 (b)(4) and (b)(6).

(d) *Small Business Owned by Members of Minority Groups and/or Women: Consortium of Small Businesses Owned by Members of Minority and/or Women.* A Small business owned by members of minority groups and/or women is an entity that meets the definitions in both paragraphs (b) and (c) of this section. A consortium of small businesses owned by members of minority groups and/or women is a conglomerate organization formed as a joint venture between mutually-independent business firms, each of which individually satisfies the definitions in paragraphs (b) and (c) of this section.

(e) *Rural Telephone Company.* A rural telephone company is a local exchange carrier having 100,000 or fewer access lines, including all affiliates.

(f) *Gross Revenues.* Gross revenues shall mean all income received by an entity, whether earned or passive, before any deductions are made for costs of doing business (e.g. cost of goods sold), as evidenced by audited financial statements for the relevant number of calendar years preceding January 1, 1994, or, if audited financial statements were not prepared on a calendar-year basis, for the most recently completed fiscal years preceding the filing of the applicant's short-form application (Form 175). For applications filed after December 31, 1995, gross revenues shall be evidenced by audited financial statements for the preceding relevant number of calendar or fiscal years. If an entity was not in existence for all or part of the relevant period, gross revenues shall be evidenced by the audited financial statements of the entity's predecessor-in-interest or, if there is no identifiable predecessor-in-interest, unaudited financial statements certified by the applicant as accurate.

(g) *Total assets.* Total assets shall mean the book value (except where generally accepted

accounting principles (GAAP) require market valuation) of all property owned by an entity, whether real or personal, tangible or intangible, as evidenced by the most recent audited financial statements.

(h) *Institutional Investor*. An *institutional investor* is an insurance company, a bank holding stock in trust accounts through its trust department, or an investment company as defined in 15 U.S.C. 80a-3(a), including within such definition any entity that would otherwise meet the definition of investment company under 15 U.S.C. § 80a-3(a) but is excluded by the exemptions set forth in 15 U.S.C. 80a-3(b) and (c), without regard to whether such entity is an issuer of securities; provided that, if such investment company is owned, in whole or in part, by other entities, such investment company, such other entities and the *affiliates* of such other entities, taken as a whole, must be primarily engaged in the business of investing, reinvesting or trading in securities or in distributing or providing investment management services for securities.

(i) *Members of Minority Groups*. *Members of minority groups* includes Blacks, Hispanics, American Indians, Alaskan Natives, Asians, and Pacific Islanders.

(j) *Nonattributable Equity*.

(1) *Nonattributable equity* shall mean:

(i) For corporations, voting stock or non-voting stock that includes no more than twenty-five percent of the total voting equity, including the right to vote such stock through a voting trust or other arrangement;

(ii) For partnerships, joint ventures and other non-corporate entities, limited partnership interests and similar interests that do not afford the power to exercise control of the entity.

(2) For purposes of assessing compliance with the equity limits in § 24.709(b)(3)(i) and (b)(4)(i), where such interests are not held directly in the applicant, the total equity held by a person or entity shall be determined by successive multiplication of the ownership percentages for each link in the vertical ownership chain.

(k) *Control Group*. A *control group* is an entity, or a group of individuals or entities, that possesses *de jure* control and *de facto* control of an applicant or licensee, and as to which the applicant's or licensee's charters, bylaws, agreements and any other relevant documents (and amendments thereto) provide:

(1) That the entity and/or its members own unconditionally at least 50.1 percent of the total voting interests of a corporation;

(2) That the entity and/or its members receive at least 50.1 percent of the annual distribution or any dividends paid on the voting stock of a corporation;

(3) That, in the event of dissolution or liquidation of a corporation, the entity and/or its members are entitled to receive 100 percent of the value of each share of stock in its possession and a percentage of the retained earnings of the concern that is equivalent to the amount of equity held in the corporation; and

(4) That, for other types of businesses, the entity and/or its members have the right to receive dividends, profits and regular and liquidating distributions from the business in proportion to the amount of equity held in the business.

Note to paragraph (k): Voting control does not always assure *de facto* control, such as for

example, when the voting stock of the control group is widely dispersed (*see e.g.*, § 24.720(1)(2)(iii).

(l) *Affiliate.*

(1) *Basis for Affiliation.* An individual or entity is an affiliate of an applicant or of a person holding an attributable interest in an applicant (both referred to herein as "the applicant") if such individual or entity:

- (i) Directly or indirectly controls or has the power to control the applicant, or
- (ii) Is directly or indirectly controlled by the applicant, or
- (iii) Is directly or indirectly controlled by a third party or parties that also controls or has the power to control the applicant, or
- (iv) Has an "identity of interest" with the applicant.

(2) *Nature of control in determining affiliation.*

(i) Every business concern is considered to have one or more parties who directly or indirectly control or have the power to control it. Control may be affirmative or negative and it is immaterial whether it is exercised so long as the power to control exists.

Example for paragraph (1)(2)(i). An applicant owning 50 percent of the voting stock of another concern would have negative power to control such concern since such party can block any action of the other stockholders. Also, the bylaws of a corporation may permit a stockholder with less than 50 percent of the voting to block any actions taken by the other stockholders in the other entity. Affiliation exists when the applicant has the power to control a concern while at the same time another person, or persons, are in control of the concern at the will of the party or parties with the power of control.

(ii) Control can arise through stock ownership; occupancy of director, officer or key employee positions; contractual or other business relations; or combinations of these and other factors. A key employee is an employee who, because of his/her position in the concern, has a critical influence in or substantive control over the operations or management of the concern.

(iii) Control can arise through management positions where a concern's voting stock is so widely distributed that no effective control can be established.

Example for paragraph (1)(2)(iii). In a corporation where the officers and directors own various size blocks of stock totaling 40 percent of the corporation's voting stock, but no officer or director has a block sufficient to give him or her control or the power to control and the remaining 60 percent is widely distributed with no individual stockholder having a stock interest greater than 10 percent, management has the power to control. If persons with such management control of the other entity are persons with attributable interests in the applicant, the other entity will be deemed an affiliate of the applicant.

(3) Identity of interest between and among persons. Affiliation can arise between or among two or more persons with an identity of interest, such as members of the same family or persons with common investments. In determining if the applicant controls or is controlled by a concern, persons with an identity of interest will be treated as though they were one person.

Example 1. Two shareholders in Corporation Y each have attributable interests in the same

PCS application. While neither shareholder has enough shares to individually control Corporation Y, together they have the power to control Corporation Y. The two shareholders with these common investments (or identity of interest) are treated as though they are one person and Corporation Y would be deemed an affiliate of the applicant.

Example 2. One shareholder in Corporation Y, shareholder A, has an attributable interest in a PCS application. Another shareholder in Corporation Y, shareholder B, has a nonattributable interest in the same PCS application. While neither shareholder has enough shares to individually control Corporation Y, together they have the power to control Corporation Y. Through the common investment of shareholders A and B in the PCS application, Corporation Y would still be deemed an affiliate of the applicant.

(i) *Spousal Affiliation.* Both spouses are deemed to own or control or have the power to control interests owned or controlled by either of them, unless they are subject to a legal separation recognized by a court of competent jurisdiction in the United States.

(ii) *Kinship Affiliation.* Immediate family members will be presumed to own or control or have the power to control interests owned or controlled by other immediate family members. In this context "immediate family member" means father, mother, husband, wife, son, daughter, brother, sister, father- or mother-in-law, son- or daughter-in-law, brother- or sister-in-law, step-father, or -mother, step-brother, or -sister, step-son, or -daughter, half brother or sister. This presumption may be rebutted by showing that

- (A) The family members are estranged,
- (B) The family ties are remote, or
- (C) The family members are not closely involved with each other in business matters.

Example for paragraph (1)(3)(ii). A owns a controlling interest in Corporation X. A's sister-in-law, B, has an attributable interest in a PCS application. Because A and B have a presumptive kinship affiliation, A's interest in Corporation X is attributable to B, and thus to the applicant, unless B rebuts the presumption with the necessary showing.

(4) *Affiliation through stock ownership.*

(i) An applicant is presumed to control or have the power to control a concern if he or she owns or controls or has the power to control 50 percent or more of its voting stock.

(ii) An applicant is presumed to control or have the power to control a concern even though he or she owns, controls or has the power to control less than 50 percent of the concern's voting stock, if the block of stock he or she owns, controls or has the power to control is large as compared with any other outstanding block of stock.

(iii) If two or more persons each owns, controls or has the power to control less than 50 percent of the voting stock of a concern, such minority holdings are equal or approximately equal in size, and the aggregate of these minority holdings is large as compared with any other stock holding, the presumption arises that each one of these persons individually controls or has the power to control the concern; however, such presumption may be rebutted by a showing that such control or power to control, in fact, does not exist.

(5) *Affiliation arising under stock options, convertible debentures, and agreements to merge.* Stock options, convertible debentures, and agreements to merge (including agreements in principle) are generally considered to have a present effect on the power to control the

concern. Therefore, in making a size determination, such options, debentures, and agreements will generally be treated as though the rights held thereunder had been exercised. However, neither an affiliate nor an applicant can use such options and debentures to appear to terminate its control over another concern before it actually does so.

Example 1 for paragraph (1)(5). If company B holds an option to purchase a controlling interest in company A, who holds an attributable interest in a PCS application, the situation is treated as though company B had exercised its rights and had become owner of a controlling interest in company A. The gross revenues of company B must be taken into account in determining the size of the applicant.

Example 2 for paragraph (1)(5). If a large company, BigCo, holds 70% (70 of 100 outstanding shares) of the voting stock of company A, who holds an attributable interest in a PCS application, and gives a third party, SmallCo, an option to purchase 50 of the 70 shares owned by BigCo, BigCo will be deemed to be an affiliate of company, and thus the applicant, until SmallCo actually exercises its options to purchase such shares. In order to prevent BigCo from circumventing the intent of the rule which requires such options to be considered on a fully diluted basis, the option is not considered to have present effect in this case.

Example 3 for paragraph (1)(5). If company A has entered into an agreement to merge with company B in the future, the situation is treated as though the merger has taken place.

(6) Affiliation under voting trusts.

(i) Stock interests held in trust shall be deemed controlled by any person who holds or shares the power to vote such stock, to any person who has the sole power to sell such stock, and to any person who has the right to revoke the trust at will or to replace the trustee at will.

(ii) If a trustee has a familial, personal or extra-trust business relationship to the grantor or the beneficiary, the stock interests held in trust will be deemed controlled by the grantor or beneficiary, as appropriate.

(iii) If the primary purpose of a voting trust, or similar agreement, is to separate voting power from beneficial ownership of voting stock for the purpose of shifting control of or the power to control a concern in order that such concern or another concern may meet the Commission's size standards, such voting trust shall not be considered valid for this purpose regardless of whether it is or is not recognized within the appropriate jurisdiction.

(7) Affiliation through common management. Affiliation generally arises where officers, directors, or key employees serve as the majority or otherwise as the controlling element of the board of directors and/or the management of another entity.

(8) Affiliation through common facilities. Affiliation generally arises where one concern shares office space and/or employees and/or other facilities with another concern, particularly where such concerns are in the same or related industry or field of operations, or where such concerns were formerly affiliated, and through these sharing arrangements one concern has control, or potential control, of the other concern.

(9) Affiliation through contractual relationships. Affiliation generally arises where one concern is dependent upon another concern for contracts and business to such a degree that one concern has control, or potential control, of the other concern.

(10) Affiliation under joint venture arrangements.

(i) A joint venture for size determination purposes is an association of concerns and/or individuals, with interests in any degree or proportion, formed by contract, express or implied, to engage in and carry out a single, specific business venture for joint profit for which purpose they combine their efforts, property, money, skill and knowledge, but not on a continuing or permanent basis for conducting business generally. The determination whether an entity is a joint venture is based upon the facts of the business operation, regardless of how the business operation may be designated by the parties involved. An agreement to share profits/losses proportionate to each party's contribution to the business operation is a significant factor in determining whether the business operation is a joint venture.

(ii) The parties to a joint venture are considered to be affiliated with each other

(11) *Exclusions from affiliation coverage.*

(i) For purposes of § 24.709(a)(2) and paragraph (b)(2) of this section, Indian tribes or Alaska Regional or Village Corporations organized pursuant to the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et seq.), or entities owned and controlled by such tribes or corporations, are not considered *affiliates* of an applicant (or licensee) that is owned and controlled by such tribes, corporations or entities, and that otherwise complies with the requirements of § 24.709 (b)(3) and (b)(5) or § 24.709 (b)(4) and (b)(6), except that *gross revenues* derived from gaming activities conducted by affiliated entities pursuant to the Indian Gaming Regulatory Act (25 U.S.C. 2701 et seq.) will be counted in determining such applicant's (or licensee's) compliance with the financial requirements of §§ 24.709(a) and paragraph (b) of this section, unless such applicant establishes that it will not receive a substantial unfair competitive advantage because significant legal constraints restrict the applicant's ability to access such *gross revenues*.

(ii) For purposes of § 24.709(a)(2) and paragraph (b)(2) of this section, an entity controlled by *members of minority groups* is not considered an *affiliate* of an applicant (or licensee) that qualify as a *business owned by members of minority groups and/or women if affiliation would arise solely from control of such entity by members of the applicant's (or licensee's) control group who are members of minority groups*. For purposes of this subparagraph, the term minority-controlled entity shall mean, in the case of a corporation, an entity in which 50.1 percent of the voting interests is owned by *members of minority groups* or, in the case of a partnership, all of the general partners are *members of minority groups* or *entities controlled by members of minority groups*; and, in all cases, one in which *members of minority groups* have both *de jure* and *de facto* control of the entity.

(m) *Publicly Traded Corporation with Widely Dispersed Voting Power.* A *publicly traded corporation with widely dispersed voting power* is a business entity organized under the laws of the United States:

(1) Whose shares, debt, or other ownership interests are traded on an organized securities exchange within the United States;

(2) In which no person

(i) Owns more than 15 percent of the equity; or

(ii) Possesses, directly or indirectly, through the ownership of voting securities, by contract

or otherwise, the power to control the election of more than 15 percent of the members of the board of directors or other governing body of such publicly traded corporation; and

(3) Over which no person other than the management and members of the board of directors or other governing body of such publicly traded corporation, in their capacities as such, has *de facto* control.

(4) The term *person* shall be defined as in section 13(d) of the Securities and Exchange Act of 1934, as amended (15 U.S.C. 78(m)), and shall also include investors that are commonly controlled under the indicia of control set forth in the definition of *affiliate* in paragraphs (1)(2) through (1) of this section.

(n) *Qualifying Investor; Qualifying Minority and/or Woman Investor.*

(1) A *qualifying investor* is a person who is (or holds an interest in) a member of the applicant's (or licensee's) *control group* whose *gross revenues* and *total assets*, when aggregated with those of all other attributable investors and *affiliates*, do not exceed the *gross revenues* and *total assets* limits specified in § 24.709(a), or, in the case of an applicant (or licensee) that is a *small business*, do not exceed the *gross revenues* limit specified in paragraph (b) of this section.

(2) A *qualifying minority and/or woman investor* is a person who is a qualifying investor under paragraph (n)(1), who is (or holds an interest in) a member of the applicant's (or licensee's) *control group* and who is a *member of a minority group* or a woman and a United States citizen.

(3) For purposes of assessing compliance with the minimum equity requirements of § 24.709(b) (5) and (6), where such equity interests are not held directly in the applicant, interests held by *qualifying investors* and *qualifying minority and/or woman investors* shall be determined by successive multiplication of the ownership percentages for each link in the vertical ownership chain.

(o) *Preexisting entity; Existing investor.* A preexisting entity is an entity that was operating and earning revenues for at least two years prior to December 31, 1994. An existing investor is a person or entity that was an owner of record of a preexisting entity's equity as of November 10, 1994, and any person or entity acquiring de minimus equity holdings in a preexisting entity after that date.

Note: In applying the term existing investor to de minimus interests in preexisting entities obtained or increased after November 10, 1994, the Commission will scrutinize any significant restructuring of the preexisting entity that occurs after that date and will presume that any change of equity that is five percent or less of the preexisting entity's total equity is de minimis. The burden is on the applicant (or licensee) to demonstrate that changes that exceed five percent are not significant.

Subpart I – Interim Application, Licensing, and Processing Rules for Broadband PCS

§ 24.801 [Reserved]

§ 24.802 [Reserved]

§ 24.803 Authorization required.

No person shall use or operate any device for the transmission of energy or communications by radio in the services authorized by this part except as provided in this part.

§ 24.804 Eligibility.

(a) General. Authorizations will be granted upon proper application if:

(1) The applicant is qualified under all applicable laws and Commission regulations, policies and decisions;

(2) There are frequencies available to provide satisfactory service; and

(3) The public interest, convenience or necessity would be served by a grant.

(b) Alien ownership. A broadband PCS authorization to provide Commercial Mobile Radio Service may not be granted to or held by:

(1) Any alien or the representative of any alien.

(2) Any corporation organized under the laws of any foreign government.

(3) Any corporation of which any officer or director is an alien or of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or any corporation organized under the laws of a foreign country.

(4) Any corporation directly or indirectly controlled by any other corporation of which any officer or more than one-fourth of the directors are aliens, or of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country, if the Commission finds that the public interest will be served by the refusal or revocation of such license.

(c) A broadband PCS authorization to provide Private Mobile Radio Service may not be granted to or held by a foreign government or a representative thereof.

§ 24.805 Formal and informal applications.

(a) Except for an authorization under any of the conditions stated in Section 308(a) of the Communications Act of 1934 (47 U.S.C. § 308(a)), the Commission may grant the following authorizations only upon written application received by it: station licenses; modifications of licenses; renewals of licenses; transfers and assignments of station licenses, or any right thereunder.

(b) Except as may be otherwise permitted by this part, a separate written application shall be filed for each instrument of authorization requested. Applications may be:

(1) "Formal applications" where the Commission has prescribed in this Part a standard form; or

(2) "Informal applications" (normally in letter form) where the Commission has not prescribed a standard form.

(c) An informal application will be accepted for filing only if:

(1) A standard form is not prescribed or clearly applicable to the authorization requested;

(2) It is a document submitted, in duplicate, with a caption which indicates clearly the nature of the request, radio service involved, location of the station, and the application file number (if known); and

(3) It contains all the technical details and informational showings required by the rules and states clearly and completely the facts involved and authorization desired.

§ 24.806 Filing of broadband PCS applications; Fees; Numbers of copies.

(a) As prescribed by §§ 24.705, 24.707 and 24.809, standard formal application forms applicable to broadband PCS may be obtained from either:

(1) Federal Communications Commission, Washington, DC 20554; or

(2) By calling the Commission's Forms Distribution Center, (202) 632-3676.

(b) Applications to participate in competitive bidding for broadband PCS service must be filed on FCC Form 175 in accordance with the rules in § 24.705 and Part 1, Subpart Q of this Chapter. In the event of mutual exclusivity between applicants filing FCC Form 175, only auction winners will be eligible to file subsequent long-form applications on FCC Form 401 to provide broadband PCS service. Mutually exclusive applications filed on FCC Form 175 are subject to competitive bidding under those rules. Broadband PCS applicants filing FCC Form 401 need not complete Schedule B.

(c) All applications for broadband PCS licenses (other than applications to participate in competitive bidding filed on FCC Form 175) shall be submitted for filing to: Federal Communications Commission, Washington, DC 20554, Attention: Broadband PCS Processing Section.

Applications requiring fees as set forth at Part 1, Subpart G of this chapter must be filed in accordance with § 0.401(b) of this Chapter.

(d) All correspondence or amendments concerning a submitted application shall clearly identify the name of the applicant, applicant identification number or Commission file number (if known) or station call sign of the application involved, and may be sent directly to the Common Carrier Bureau, Broadband PCS Processing Section.

(e) Except as otherwise specified, all applications, amendments, correspondence, pleadings and forms (including FCC Form 175) shall be submitted on one original paper copy and with three microfiche copies, including exhibits and attachments thereto, and shall be signed as prescribed by § 1.743 of this Chapter. Filings of five pages or less are exempt from the requirement to submit on microfiche, as are emergency filings such as letters requesting special temporary authority. Those filing any amendments, correspondence, pleadings and forms must simultaneously submit the original hard copy which must be stamped "original". Abbreviations may be used if they are easily understood. In addition to the original hard

copy, those filing pleadings, including pleadings under § 1.2108 of this Chapter, shall also submit two paper copies as provided in § 1.51 of this Chapter.

(1) Microfiche copies. Each microfiche copy must be a copy of the signed original. Each microfiche copy shall be a 148mm X 105mm negative (clear transparent characters appearing on an opaque background) at 24X to 27X reduction for microfiche or microfiche jackets. One of the microfiche sets must be a silver halide camera master or a copy made on silver halide film such as Kodak Direct Duplicatory Film. The microfiche must be placed in paper microfiche envelopes and submitted in a B6 (125 mm x 176 mm) or 5 x 7.5 inch envelope. All applicants must leave Row "A" (the first row for page images) of the first fiche blank for in-house identification purposes. Each microfiche copy of pleadings shall include:

- (i) The month and year of the document;
- (ii) The name of the document;
- (iii) The name of the filing party;
- (iv) The file number, applicant identification number, and call sign, if assigned;
- (v) The identification number and date of the Public Notice announcing the auction in response to which the application was filed (if applicable).

(2) All applications and all amendments must have the following information printed on the mailing envelope, the microfiche envelope, and on the title area at the top of the microfiche:

- (i) The name of the applicant;
- (ii) The type of application (*e.g.*, 30 MHz MTA, 30 MHz BTA, 10 MHz BTA);
- (iii) The month and year of the document;
- (iv) The name of the document;
- (v) The file number, applicant identification number, and call sign, if assigned; and
- (vi) The identification number and date of the Public Notice announcing the auction in response to which the application was filed (if applicable).

§ 24.807 [Reserved]

§ 24.808 [Reserved]

§ 24.809 Standard application forms and permissive changes or minor modifications for the broadband Personal Communications Services.

(a) Applications to participate in competitive bidding for broadband PCS licenses must be filed on FCC Forms 175 and 175-S.

(b) Subsequent application by auction winners or non-mutually exclusive applicants for broadband PCS licenses under Part 24. FCC Form 401 ("Application for New or Modified Common Carrier Radio Station Under Part 22") shall be submitted by each auction winner for each broadband PCS license applied for on FCC Form 175. In the event that mutual exclusivity does not exist with respect to a license identified on an applicant's FCC Form 175, the Commission will so inform the applicant and the applicant will also file FCC Form 401. Blanket licenses are granted for each market frequency block. Applications for individual

sites are not needed and will not be accepted. See § 24.11. Broadband PCS applicants filing FCC Form 401 need not complete Schedule B.

(c) Extensions of time and reinstatement. When a licensee cannot complete construction in accordance with the provisions of § 24.203, a timely application for extension of time (FCC Form 489) must be filed.

(d) License for mobile subscriber station – These stations are considered to be associated with and covered by the authorization issued to the carrier serving the land mobile station. No additional authorization is required.

§ 24.810 [Reserved]

§ 24.811 Miscellaneous forms.

(a) *Licensee qualifications.* FCC Form 430 ("Common Carrier and Satellite Radio Licensee Qualifications Report") shall be filed by broadband Personal Communications Service licensees only as required by Form 490 (Application for Assignment or Transfer of Control Under Part 22).

(b) *Renewal of station license.* Except for renewal of special temporary authorizations, FCC Form 405 ("Application for Renewal of Station License") must be filed in duplicate by the licensee between thirty (30) and sixty (60) days prior to the expiration date of the license sought to be renewed.

§ 24.812 [Reserved]

§ 24.813 General application requirements.

(a) Each application (including applications filed on Forms 175 and 401) for a broadband PCS license or for consent to assign or transfer control of a broadband PCS license shall disclose fully the real party or parties in interest and must include in an exhibit the following information:

(1) A list of any business five percent or more of whose stock, warrants, options or debt securities are owned by the applicant or an officer, director, attributable stockholder or key management personnel of the applicant. This list must include a description of each such business's principal business and a description of each such business's relationship to the applicant.

(2) A list of any party which holds a five percent or more interest (or a ten percent or more interest for institutional investors as defined in § 24.720(h)) in the applicant, or any entity in which a five percent or more interest (or a ten percent or more interest for institutional investors as defined in § 24.720(h)) is held by another party which holds a five percent or more interest (or a ten percent or more interest for institutional investors as defined in Section 24.720(h)) in the applicant. (e.g., If company A owns 5% of Company B (the applicant) and 5% of Company C then Companies A and C must be listed on Company B's

application.

(3) A list of the names, addresses, citizenship and principal business of any person holding five percent or more of each class of stock, warrants, options or debt securities together with the amount and percentage held, and the name, address, citizenship and principal place of business of any person on whose account, if other than the holder, such interest is held. If any of these persons are related by blood or marriage, include such relationship in the statement.

(4) In the case of partnerships, the name and address of each partner, each partner's citizenship and the share or interest participation in the partnership. This information must be provided for all partners, regardless of their respective ownership interests in the partnership. A signed and dated copy of the partnership agreement must be included in the application.

(b) Each application for a broadband PCS license must:

(1) Submit the information required by the Commission's Rules, requests and application forms;

(2) Be maintained by the applicant substantially accurate and complete in all significant respects in accordance with the provisions of § 1.65 of this chapter;

(3) Show compliance with and make all special showings that may be applicable;

(c) Where documents, exhibits, or other lengthy showings already on file with the Commission contain information which is required by an application form, the application may specifically refer to such information, if:

(1) The information previously filed is over one A4 (21 cm x 29.7 cm) or 8.5 x 11 inch (21.6 cm x 27.9 cm) page in length, and all information referenced therein is current and accurate in all significant respects under § 1.65 of this chapter; and

(2) The reference states specifically where the previously filed information can actually be found, including mention of:

(i) The station call sign or application file number whenever the reference is to station files or previously filed applications; and

(ii) The title of the proceeding, the docket number, and any legal citations, whenever the reference is to a docketed proceeding. However, questions on an application form which call for specific technical data, or which can be answered by a "yes" or "no" or other short answer shall be answered as appropriate and shall not be cross-referenced to a previous filing.

(d) In addition to the general application requirements of Subpart F and §§ 1.2105 of this Chapter, 24.813 and 24.815, applicants shall submit any additional documents, exhibits, or signed written statements of fact:

(1) As may be required by these rules; and

(2) As the Commission, at any time after the filing of an application and during the term of any authorization, may require from any applicant, permittee or licensee to enable it to determine whether a radio authorization should be granted, denied or revoked.

(e) Except when the Commission has declared explicitly to the contrary, an informational requirement does not in itself imply the processing treatment of decisional weight to be accorded the response.

(f) All applicants (except applicants filing FCC Form 175) are required to indicate at the

time their application is filed whether or not a Commission grant of the application may have a significant environmental impact as defined by § 1.1307 of this Chapter. If answered affirmatively, the requisite environmental assessment as prescribed in § 1.1311 of this Chapter must be filed with the application and Commission environmental review must be completed prior to construction. *See* § 1.1312 of this chapter. All broadband PCS licensees are subject to a continuing obligation to determine whether subsequent construction may have a significant environmental impact prior to undertaking such construction and to otherwise comply with § 1.1301 through 1.1319 of this Chapter. *See* § 1.1312 of this Chapter.

§ 24.814 [Reserved]

§ 24.815 Technical content of applications; maintenance of list of station locations.

(a) All applications required by this part shall contain all technical information required by the application forms or associated Public Notice(s). Applications other than initial applications for a broadband PCS license must also comply with all technical requirements of the rules governing the broadband PCS (*see* Subparts C and E of this Part as appropriate). The following paragraphs describe a number of general technical requirements.

(b) Each application (except applications for initial licenses filed on Form 175) for a license for broadband PCS must comply with the provisions of §§ 24.229-24.238 of the Commission's Rules.

(c)-(i) [Reserved]

(j) The location of the transmitting antenna shall be considered to be the station location. Broadband PCS licensees must maintain a current list of all station locations, which must describe the transmitting antenna site by its geographical coordinates and also by conventional reference to street number, landmark, or the equivalent. All such coordinates shall be specified in terms of degrees, minutes, and seconds to the nearest second of latitude and longitude.

§ 24.816 [Reserved]

§§ 24.817-24.818 [Reserved]

§ 24.819 Waiver of rules.

(a) Requests for waiver.

(1) A waiver of these rules may be granted upon application or by the Commission on its own motion. Requests for waivers shall contain a statement of reasons sufficient to justify a waiver. Waivers will not be granted except upon an affirmative showing:

(i) That the underlying purpose of the rule will not be served, or would be frustrated, by its application in a particular case, and that grant of the waiver is otherwise in the public interest; or

(ii) That the unique facts and circumstances of a particular case render application of the rule inequitable, unduly burdensome or otherwise contrary to the public interest. Applicants must also show the lack of a reasonable alternative.

(2) If the information necessary to support a waiver request is already on file, the applicant may cross-reference to the specific filing where it may be found.

(b) Denial of waiver, alternate showing required. If a waiver is not granted, the application will be dismissed as defective unless the applicant has also provided an alternative proposal which complies with the Commission's rules (including any required showings).

§ 24.820 Defective applications.

(a) Unless the Commission shall otherwise permit, an application will be unacceptable for filing and will be returned to the applicant with a brief statement as to the omissions or discrepancies if:

(1) The application is defective with respect to completeness of answers to questions, informational showings, execution or other matters of a formal character; or

(2) The application does not comply with the Commission's rules, regulations, specific requirements for additional information or other requirements. *See also* § 1.2105 of this Chapter.

(b) Some examples of common deficiencies which result in defective applications under paragraph (a) of this section are:

(1) The application is not filled out completely and signed;

(2)-(4) [Reserved]

(5) The application (other an application filed on FCC Form 175) does not include an environmental assessment as required for an action that may have a significant impact upon the environment, as defined in § 1.1307 of this chapter.

(6) [Reserved]

(7) The application is filed prior to the Public Notice issued under § 24.705, announcing the application filing date for the relevant auction or after the cutoff date prescribed in that Public Notice.

(c) [Reserved]

(d) If an applicant is requested by the Commission to file any documents or any supplementary or explanatory information not specifically required in the prescribed application form, a failure to comply with such request within a specified time period will be deemed to render the application defective and will subject it to dismissal.

§ 24.821 Inconsistent or conflicting applications.

While an application is pending and undecided, no subsequent inconsistent or conflicting application may be filed by the same applicant, its successor or assignee, or on behalf or for the benefit of the same applicant, its successor or assignee.

§ 24.822 Amendment of application to participate in auction for licenses in the broadband Personal Communications Services filed on FCC Form 175.

(a) The Commission will provide bidders a limited opportunity to cure defects in FCC Form 175 specified herein except for failure to sign the application and to make certifications, defects which may not be cured. *See also* § 1.2105 of this Chapter.

(b) In the broadband PCS, applicants will be permitted to amend their Form 175 applications to make minor amendments to correct minor errors or defects such as typographical errors. Applicants will also be permitted to amend FCC Form 175 to make changes to the information required by § 24.813(a) (such as ownership changes or changes in the identification of parties to bidding consortia), provided such changes do not result in a change in control of the applicant and do not involve another applicant (or parties in interest to an applicant) who has applied for licenses in any of the same geographic license areas as the applicant. Amendments which change control of the applicant will be considered major amendments. An FCC Form 175 which is amended by a major amendment will be considered to be newly filed and cannot be resubmitted after applicable filing deadlines. *See also* § 1.2105 of this chapter.

§ 24.823 Amendment of applications for licenses in the broadband Personal Communications Services (other than applications filed on FCC Form 175).

(a) Amendments as of right. A pending application may be amended as a matter of right if the application has not been designated for hearing.

(1) Amendments shall comply with § 24.829, as applicable; and

(2) Amendments which resolve interference conflicts or amendments under § 24.829 may be filed at any time.

(b) The Commission or the presiding officer may grant requests to amend an application designated for hearing only if a written petition demonstrating good cause is submitted and properly served upon the parties of record.

(c) Major amendments, minor amendments. The Commission will classify all amendments as minor except in the cases listed below. An amendment shall be deemed to be a major amendment subject to § 24.827 if it proposes a substantial change in ownership or control.

(d) If a petition to deny (or other formal objection) has been filed, any amendment, request for waiver or other written communication shall be served on the petitioner, unless waiver of this requirement is granted pursuant to paragraph (e) of this section. *See also* § 1.2108 of this Chapter.

(e) The Commission may waive the service requirements of paragraph (d) of this section and prescribe such alternative procedures as may be appropriate under the circumstances to protect petitioners' interests and to avoid undue delay in a proceeding, if an applicant submits a request for waiver which demonstrates that the service requirement is unreasonably burdensome.

(f) Any amendment to an application shall be signed and shall be submitted in the same

manner, and with the same number of copies, as was the original application. Amendments may be made in letter form if they comply in all other respects with the requirements of this chapter.

(g) An application will be considered to be a newly-filed application if it is amended by a major amendment (as defined in this section), except in the following circumstances:

- (1) [Reserved]
- (2) [Reserved]
- (3) The amendment reflects only a change in ownership or control found by the Commission to be in the public interest;
- (4) [Reserved]
- (5) The amendment corrects typographical transcription or similar clerical errors which are clearly demonstrated to be mistakes by reference to other parts of the application, and whose discovery does not create new or increased frequency conflicts;

§ 24.824 [Reserved]

§ 24.825 Application for temporary authorizations.

(a) In circumstances requiring immediate or temporary use of facilities, request may be made for special temporary authority to install and/or operate new or modified equipment. Any such request may be submitted as an informal application in the manner set forth in § 24.805 and must contain full particulars as to the proposed operation including all facts sufficient to justify the temporary authority sought and the public interest therein. No such request will be considered unless the request is received by the Commission at least 10 days prior to the date of proposed construction or operation or, where an extension is sought, at least 10 days prior to the expiration date of the existing temporary authorization. The Commission may accept a late-filed request upon due showing of sufficient reasons for the delay in submitting such request.

(b) Special temporary authorizations may be granted without regard to the 30-day public notice requirements of § 24.827(b) when:

- (1) The authorization is for a period not to exceed 30 days and no application for regular operation is contemplated to be filed;
- (2) The authorization is for a period not to exceed 60 days pending the filing of an application for such regular operation;
- (3) The authorization is to permit interim operation to facilitate completion of authorized construction or to provide substantially the same service as previously authorized; or
- (4) The authorization is made upon a finding that there are extraordinary circumstances requiring operation in the public interest and that delay in the institution of such service would seriously prejudice the public interest.

(c) Temporary authorizations of operation not to exceed 180 days may be granted under the standards of Section 309(f) of the Communications Act where extraordinary circumstances so require. Extensions of the temporary authorization for a period of 180 days each may also be

granted, but the applicant bears a heavy burden to show that extraordinary circumstances warrant such an extension.

(d) In cases of emergency found by the Commission, involving danger to life or property or due to damage of equipment, or during a national emergency proclaimed by the president or declared by the Congress or during the continuance of any war in which the United States is engaged and when such action is necessary for the national defense or safety or otherwise in furtherance of the war effort, or in cases of emergency where the Commission finds that it would not be feasible to secure renewal applications from existing licensees or otherwise to follow normal licensing procedure, the Commission will grant radio station authorizations and station licenses, or modifications or renewals thereof, during the emergency found by the Commission or during the continuance of any such national emergency or war, as special temporary licenses, only for the period of emergency or war requiring such action, without the filing of formal applications.

§ 24.826 Receipt of application; Applications in the broadband Personal Communications Services filed on FCC Form 175 and other applications in the broadband Personal Communications Services.

(a) All applications for the initial provision of broadband PCS must be submitted on FCC Forms 175 and 175-S. Mutually exclusive initial applications in the broadband Personal Communications Services are subject to competitive bidding. FCC Form 401 ("Application for New or Modified Common Carrier Radio Station Under Part 22") must be submitted by each winning bidder for each broadband PCS license for which application was made on FCC Form 175. In the event that mutual exclusivity does not exist between applicants for a broadband PCS license that have filed FCC Form 175, the sole applicant will be required to file FCC Form 401. The aforementioned Forms 175, 175-S, and 401 are subject to the provisions of 47 CFR Part 1, Subpart Q ("Competitive Bidding Proceedings") and Subpart H of this Part. Blanket licenses are granted for each market frequency block. Applications for individual sites are not needed and will not be accepted. *See* § 24.11.

(b) Applications received for filing are given a file number. The assignment of a file number to an application is merely for administrative convenience and does not indicate the acceptance of the application for filing and processing. Such assignment of a file number will not preclude the subsequent return or dismissal of the application if it is found to be not in accordance with the Commission's Rules.

(c) Acceptance of an application for filing merely means that it has been the subject of a preliminary review as to completeness. Such acceptance will not preclude the subsequent return or dismissal of the application if it is found to be defective or not in accordance with the Commission's rules. (*See* § 24.813 for additional information concerning the filing of applications.)

§ 24.827 Public notice period.

(a) At regular intervals, the Commission will issue a public notice listing:

- (1) The acceptance for filing of all applications and major amendments thereto;
- (2) Significant Commission actions concerning applications listed as acceptable for filing;
- (3) Information which the Commission in its discretion believes of public significance. Such notices are intended solely for the purpose of informing the public and do not create any rights in an applicant or any other person.

(4) Special environmental considerations as required by Part 1 of this chapter.

(b) The Commission will not grant any application until expiration of a period of thirty (30) days following the issuance date of a public notice listing the application, or any major amendments thereto, as acceptable for filing; provided, however, that the Commission will not grant an application filed on Form 401 filed either by a winning bidder or by an applicant whose Form 175 application is not mutually exclusive with other applicants, until the expiration of a period of forty (40) days following the issuance of a public notice listing the application, or any major amendments thereto, as acceptable for filing. *See also* § 1.2108 of this Chapter.

(c) As an exception to paragraphs (a)(1), (a)(2) and (b) of this section, the public notice provisions are not applicable to applications:

(1) For authorization of a minor technical change in the facilities of an authorized station where such a change would not be classified as a major amendment (as defined by § 24.823) were such a change to be submitted as an amendment to a pending application;

(2) For issuance of a license subsequent to a radio station authorization or, pending application for a grant of such license, any special or temporary authorization to permit interim operation to facilitate completion of authorized construction or to provide substantially the same service as would be authorized by such license;

(3) For extension of time to complete construction of authorized facilities (*see* § 24.203;

(4) For temporary authorization pursuant to § 24.825(b);

(5) [Reserved]

(6) For an authorization under any of the proviso clauses of Section 308(a) of the Communications Act of 1934 (47 U.S.C. 308(a));

(7) For consent to an involuntary assignment or transfer of control of a radio authorization;
or

(8) For consent to a voluntary assignment or transfer of control of a radio authorization, where the assignment or transfer does not involve a substantial change in ownership or control.

§ 24.828 Dismissal and return of applications.

(a) Except as provided under § 24.829, any application may be dismissed without prejudice as a matter of right if the applicant requests its dismissal prior to designation for hearing or, in the case of applications filed on Forms 175 and 175-S, prior to auction. An applicant's request for the return of his application after it has been accepted for filing will be considered to be a request for dismissal without prejudice. Applicants requesting dismissal of their

applications may be subject to penalties contained in § 1.2104 of this Chapter. Requests for dismissal shall comply with the provisions of § 24.829 as appropriate.

(b) A request to dismiss an application without prejudice will be considered after designation for hearing only if:

(1) A written petition is submitted to the Commission and is properly served upon all parties of record, and

(2) The petition complies with the provisions of § 24.829 (whenever applicable) and demonstrates good cause.

(c) The Commission will dismiss an application for failure to prosecute or for failure to respond substantially within a specified time period to official correspondence or requests for additional information. Dismissal shall be without prejudice if made prior to designation for hearing or prior to auction, but dismissal may be made with prejudice for unsatisfactory compliance with § 24.829 or after designation for hearing or after the applicant is notified that it is the winning bidder under the auction process.

§ 24.829 Ownership changes and agreements to amend or to dismiss applications or pleadings.

(a) Applicability. Subject to the provisions of § 1.2105 of this Chapter (Bidding Application and Certification Procedures; Prohibition of Collusion), this section applies to applicants and all other parties interested in pending applications who wish to resolve contested matters among themselves with a formal or an informal agreement or understanding. This section applies only when the agreement or understanding will result in:

(1) A major change in the ownership of an applicant to which §§ 24.823(c) and 24.823(g) apply or which would cause the applicant to lose its status as a designated entity under § 24.709, or

(2) The individual or mutual withdrawal, amendment or dismissal of any pending application, amendment, petition or other pleading.

(b) The provisions of § 22.927 of the Commission's Rules will apply in the event of the filing of petitions to deny or other pleadings or informal objections filed against broadband PCS applications. The provisions of § 22.928 of the Commission's Rules will apply in the event of dismissal of broadband PCS applications. The provisions of § 22.929 of the Commission's Rules will apply in the event of threats to file petitions to deny or other pleadings or informal objections against broadband PCS applications.

§ 24.830 Opposition to applications.

(a) Petitions to deny (including petitions for other forms of relief) and responsive pleadings for Commission consideration must comply with § 1.2108 of this Chapter and must:

(1) Identify the application or applications (including applicant's name, station location, Commission file numbers and radio service involved) with which it is concerned;

(2) Be filed in accordance with the pleading limitations, filing periods, and other applicable provisions of §§ 1.41 through 1.52 of this Chapter except where otherwise provided in § 1.2108 of this Chapter;

(3) Contain specific allegations of fact which, except for facts of which official notice may be taken, shall be supported by affidavit of a person or persons with personal knowledge thereof, and which shall be sufficient to demonstrate that the petitioner (or respondent) is a party in interest and that a grant of, or other Commission action regarding, the application would be *prima facie* inconsistent with the public interest;

(4) Be filed within thirty (30) days after the date of public notice announcing the acceptance for filing of any such application or major amendment thereto (unless the Commission otherwise extends the filing deadline); and

(5) Contain a certificate of service showing that it has been mailed to the applicant no later than the date of filing thereof with the Commission.

(b) A petition to deny a major amendment to a previously-filed application may only raise matters directly related to the amendment which could not have been raised in connection with the underlying previously-filed application. This subsection does not apply, however, to petitioners who gain standing because of the major amendment.

§ 24.831 Mutually exclusive applications.

(a) The Commission will consider applications for broadband PCS licenses to be mutually exclusive if they relate to the same geographical boundaries (MTA or BTA) and are timely filed for the same frequency block.

(b) Mutually exclusive applications filed on Form 175 for the initial provision of broadband PCS are subject to competitive bidding in accordance with the procedures in Subpart H of this part and in Part 1, Subpart Q of this Chapter.

(c) An application will be entitled to comparative consideration with one or more conflicting applications only if the Commission determines that such comparative consideration will serve the public interest.

(d)-(j) [Reserved]

§ 24.832 Consideration of applications.

(a) Applications for an instrument of authorization will be granted if, upon examination of the application and upon consideration of such other matters as it may officially notice, the Commission finds that the grant will serve the public interest, convenience and necessity. *See also* § 1.2108 of this Chapter.

(b) The grant shall be without a formal hearing if, upon consideration of the application, any pleadings or objections filed, or other matters which may be officially noticed, the Commission finds that:

(1) The application is acceptable for filing and is in accordance with the Commission's rules, regulations and other requirements;

(2) The application is not subject to a post-auction hearing or to comparative consideration pursuant to § 24.831 with another application(s);

(3) A grant of the application would not cause harmful electrical interference to an authorized station;

(4) There are no substantial and material questions of fact presented; and

(5) The applicant is qualified under current FCC regulations and policies.

(c) If the Commission should grant without a formal hearing an application for an instrument of authorization which is subject to a petition to deny filed in accordance with § 24.830, the Commission will deny the petition by the issuance of a Memorandum Opinion and Order which will concisely state the reasons for the denial and dispose of all substantial issues raised by the petition.

(d) Whenever the Commission, without a formal hearing, grants any application in part, or subject to any terms or conditions other than those normally applied to applications of the same type, it shall inform the applicant of the reasons therefor, and the grant shall be considered final unless the Commission revises its action (either by granting the application as originally requested, or by designating the application for a formal evidentiary hearing) in response to a petition for reconsideration which:

(1) Is filed by the applicant within thirty (30) days from the date of the letter or order giving the reasons for the partial or conditioned grant;

(2) Rejects the grant as made and explains the reasons why the application should be granted as originally requested; and

(3) Returns the instrument of authorization.

(e) The Commission will designate an application for a formal hearing, specifying with particularity the matters and things in issue, if upon consideration of the application, any pleadings or objections filed or other matters which may be officially noticed, the Commission determines that:

(1) A substantial and material question of fact is presented (*see also* § 1.2108 of this Chapter);

(2) The Commission is unable for any reason to make the findings specified in paragraph (a) of this section and the application is acceptable for filing, complete and in accordance with the Commission's rules, regulations and other requirements; or

(3) The application is entitled to comparative consideration (under § 24.831) with another application (or applications).

(f) The Commission may grant, deny or take other action with respect to an application designated for a formal hearing pursuant to paragraph (e) of this section or Part 1 of this Chapter.

(g) [Reserved]

(h) Reconsideration or review of any final action taken by the Commission will be in accordance with Subpart A of Part 1 of this Chapter.

§ 24.833 Post-auction divestitures.

Any parties sharing a common non-controlling ownership interest who aggregate more PCS spectrum among them than a single entity is entitled to hold (*See* §§ 20.6(e), 24.710, 24.204, 24.229(c) of this chapter) will be permitted to divest sufficient properties within 90 days of the license grant to come into compliance with the spectrum aggregation limits as follows:

(a) The broadband PCS applicant shall submit a signed statement with its long-form application stating that sufficient properties will be divested within 90 days of the license grant. If the licensee is otherwise qualified, the Commission will grant the applications subject to a condition that the licensee come into compliance with the PCS spectrum aggregation limits within 90 days of grant.

(b) Within 90 days of license grant, the licensee must certify that the applicant and all parties to the application have come into compliance with the PCS spectrum aggregation limits. If the licensee fails to submit the certification within 90 days, the Commission will immediately cancel all broadband PCS licenses won by the applicant, impose the default penalty and, based on the facts presented, take any other action it may deem appropriate. Divestiture may be to an interim trustee if a buyer has not been secured in the required time frame, as long as the applicant has no interest in or control of the trustee, and the trustee may dispose of the property as it sees fit. In no event may the trustee retain the property for longer than six months from grant of license.

§ 24.834 - 24.838 [Reserved]

§ 24.839 Transfer of control or assignment of license.

(a) Approval Required. Authorizations shall be transferred or assigned to another party, voluntarily (for example, by contract) or involuntarily (for example, by death, bankruptcy or legal disability), directly or indirectly or by transfer of control of any corporation holding such authorization, only upon application and approval by the Commission. A transfer of control or assignment of station authorization in the broadband Personal Communications Service is also subject to §§ 24.711(c), 24.712(d), 24.713(b) (unjust enrichment) and 1.2111(a) of this chapter (reporting requirement).

(b) Forms required.

(1) Assignment.

(i) FCC Form 490 shall be filed to assign a license or permit.

(ii) In the case of involuntary assignment, FCC Form 490 shall be filed within thirty (30) days following the event giving rise to the assignment.

(2) Transfer of control.

(i) FCC Form 490 shall be submitted in order to transfer control of a corporation holding a license or permit.

(ii) In the case of involuntary transfer of control, FCC Form 490 shall be filed within thirty (30) days following the event giving rise to the transfer.

(3) Form 430. Whenever an application must be filed under paragraphs (a)(1) or (2) of this section, the assignee or transferee shall file FCC Form 430 ("Common Carrier Radio License

Qualification Report") unless an accurate report is on file with the Commission.

(4) Notification of completion. The Commission shall be notified by letter of the date of completion of the assignment or transfer of control.

(5) If the transfer of control of a license is approved, the new licensee is held to the original construction requirement of § 24.203.

(c) In acting upon applications for transfer of control or assignment, the Commission will not consider whether the public interest, convenience and necessity might be served by the transfer or assignment of the authorization to a person other than the proposed transferee or assignee.

(d) Restrictions on Assignments and Transfers of Licenses for Frequency Blocks C and F. No assignment or transfer of control of a license for frequency Block C or frequency Block F will be granted unless—

(1) The application for assignment or transfer of control is filed after five years from the date of the initial license grant;

(2) The application for assignment or transfer of control is filed after three years from the date of the initial license grant and the proposed assignee or transferee meets the eligibility criteria set forth in § 24.709 at the time the application for assignment or transfer of control is filed, or the proposed assignee or transferee holds other license(s) for frequency Blocks C and F and, at the time of receipt of such license(s), met the eligibility criteria set forth in § 24.709;

(e) If the assignment or transfer of control of a license is approved, the assignee or transferee is subject to the original construction requirement of § 24.203.

§§ 24.840 - 24.842 [Reserved]

§ 24.843 Extension of time to complete construction.

(a) If construction is not completed within the time period set forth in § 24.203, the authorization will automatically expire. Before the period for construction expires an application for an extension of time to complete construction (FCC Form 489) may be filed. See paragraph (b) of this section. Within 30 days after the authorization expires an application for reinstatement may be filed on FCC Form 489.

(b) Extension of Time to Complete Construction. An application for extension of time to complete construction may be made on FCC Form 489. Extension of time requests must be filed prior to the expiration of the construction period. Extensions will be granted only if the licensee shows that the failure to complete construction is due to causes beyond its control.

(c) An application for modification of an authorization (under construction) does not extend the initial construction period. If additional time to construct is required, an FCC Form 489 must be submitted.

(d) [Reserved]

§ 24.844 Termination of authorization.

(a) Termination of authorization.

(1) All authorizations shall terminate on the date specified on the authorization or on the date specified by these rules, unless a timely application for renewal has been filed.

(2) If no application for renewal has been made before the authorization's expiration date, a late application for renewal will be considered only if it is filed within thirty (30) days of the expiration date and shows that the failure to file a timely application was due to causes beyond the applicant's control. During this 30-day period, a reinstatement application must be filed on FCC Form 489. Service to subscribers need not be suspended while a late-filed renewal application is pending, but such service shall be without prejudice to Commission action on the renewal application and any related sanctions. *See also* § 24.16 (Criteria for Comparative Renewal Proceedings).

(b) Termination of special temporary authorization. A special temporary authorization shall automatically terminate upon failure to comply with the conditions in the authorization.

(c) [Reserved]

**PART 1 – GENERAL RULES OF PRACTICE AND PROCEDURE
APPLICABLE TO DESIGNATED ENTITIES
(Draft update 1/26/95)**

Pleadings, Briefs, and Other Papers

Sec. 1.41 Informal requests for Commission action.

Except where formal procedures are required under the provisions of this chapter, requests for action may be submitted informally. Requests should set forth clearly and concisely the facts relied upon, the relief sought, the statutory and/or regulatory provisions (if any) pursuant to which the request is filed and under which relief is sought, and the interest of the person submitting the request.

Sec. 1.42 Applications, reports, complaints; cross-reference.

(a) Rules governing applications and reports are contained in Subparts D, E, and F of this part.

(b) Special rules governing complaints against common carriers arising under the Communications Act are set forth in Subpart E of this part.

Sec. 1.43 Requests for stay; cross-reference.

General rules relating to requests for stay of any order or decision are set forth in Secs. 1.41, 1.44(e), 1.45(d) and (e), and 1.298(a). See also Secs. 1.102, 1.106(n), and 1.115(h).

Sec. 1.44 Separate pleadings for different requests.

(a) Requests requiring action by the Commission shall not be combined in a pleading with requests for action by an administrative law judge or by any person or persons acting pursuant to delegated authority.

(b) Requests requiring action by an administrative law judge shall not be combined in a pleading with requests for action by the Commission or by any person or persons acting pursuant to delegated authority.

(c) Requests requiring action by any person or persons pursuant to delegated authority shall not be combined in a pleading with requests for action by any other person or persons acting pursuant to delegated authority.

(d) Pleadings which combine requests in a manner prohibited by paragraph (a), (b), or (c) of this section may be returned without consideration to the person who filed the pleading.

(e) Any request to stay the effectiveness of any decision or order of the Commission shall be filed as a separate pleading. Any such request which is not filed as a separate pleading will not be considered by the Commission.

Note: Matters which are acted on pursuant to delegated authority are set forth in Subpart B of Part 0 of this chapter. Matters acted on by the hearing examiner are set forth in Sec.

Sec. 1.45 Pleadings; filing periods.

Except as otherwise provided in this chapter, pleadings in Commission proceedings shall be filed in accordance with the provisions of this section.

(a) **Oppositions.** Oppositions to any motion, petition, or request may be filed within 10 days after the original pleading is filed. For matters related to Part 22 of the rules, these microfiche copies must be filed within 15 calendar days of the paper filing (see Sec. 22.6).

(b) **Replies.** The person who filed the original pleading may reply to oppositions within 5 days after the time for filing oppositions has expired. The reply shall be limited to matters raised in the oppositions, and the response to all such matters shall be set forth in a single pleading; separate replies to individual oppositions shall not be filed. For matters related to Part 22 of the rules, three microfiche copies must be filed within 15 calendar days of the paper filing (see Sec. 22.6).

(c) **Additional pleadings.** Additional pleadings may be filed only if specifically requested or authorized by the Commission.

(d) **Requests for temporary relief; shorter filing periods.** Oppositions to a request for stay of any order or to a request for other temporary relief shall be filed within 7 days after the request is filed. Replies to oppositions should not be filed and will not be considered. The provisions of Sec. 1.4(h) shall not apply in computing the filing date for oppositions to a request for stay or for other temporary relief.

(e) **Ex parte disposition of certain pleadings.** As a matter of discretion, the Commission may rule ex parte upon requests for continuances and extensions of time, requests for permission to file pleadings in excess of the length prescribed in this chapter, and requests for temporary relief, without waiting for the filing of oppositions or replies.

Note: Where specific provisions contained in Part 1 conflict with this section, those specific provisions are controlling. See, in particular, Secs. 1.294(c), 1.298(a), and 1.773.

[28 FR 12415, Nov. 22, 1963, as amended at 33 FR 7153, May 15, 1968; 45 FR 64190, Sept. 29, 1980; 54 FR 31032, July 26, 1989; 54 FR 37682, Sept. 12, 1989]

Sec. 1.46 Motions for extension of time.

(a) It is the policy of the Commission that extensions of time shall not be routinely granted.

(b) **Motions for extension of time in which to file responses to petitions for rulemaking,** replies to such responses, comments filed in response to notice of proposed rulemaking, replies to such comments and other papers in rulemaking proceedings conducted under Subpart C of this part shall be filed at least 7 days before the filing date. If a timely motion is denied, the responses and comments, replies thereto, or other papers need not be filed until 2 business days after the Commission acts on the motion. In emergency situations, the Commission will consider a late-filed motion for a brief extension of time related to the duration of the emergency and will consider motions for acceptance of comments, reply comments or other papers filed after the filing date.

(c) If a motion for extension of time in which to file papers in proceedings other than notice and comment rule making proceedings is filed less than 7 days prior to the day for

filing the papers, the party filing the motion shall (in addition to serving the motion on other parties) orally notify other parties and Commission staff personnel responsible for acting on the motion that the motion has been (or is being) filed.

[39 FR 43301, Dec. 12, 1974, as amended at 41 FR 9550, Mar. 5, 1976; 41 FR 14871, Apr. 8, 1976; 42 FR 28887, June 6, 1977]

Sec. 1.47 Service of documents and proof of service.

(a) Where the Commission or any person is required by statute or by the provisions of this chapter to serve any document upon any person, service shall (in the absence of specific provisions in this chapter to the contrary) be made in accordance with the provisions of this section.

(b) Where any person is required to serve any document filed with the Commission, service shall be made by that person or by his representative on or before the day on which the document is filed: Provided, however, That formal complaints filed under section 208 of the Communications Act will be served by the Commission.

(c) Commission counsel who formally participate in any proceeding shall be served in the same manner as other persons who participate in that proceeding. The filing of a document with the Commission does not constitute service upon Commission counsel.

(d) Documents may be served upon a party, his attorney, or other duly constituted agent by delivering a copy or by mailing a copy to the last known address. When a party is represented by an attorney of record in a formal proceeding, service shall be made upon such attorney.

(e) Delivery of a copy pursuant to this section means handing it to the party, his attorney, or other duly constituted agent; or leaving it with the clerk or other person in charge of the office of the person being served; or, if there is no one in charge of such office, leaving it in a conspicuous place therein; or, if such office is closed or the person to be served has no office, leaving it at his dwelling house or usual place of abode with some person of suitable age and discretion then residing therein.

(f) Service by mail is complete upon mailing.

(g) Proof of service, as provided in this section, shall be filed before action is taken. The proof of service shall show the time and manner of service, and may be by written acknowledgement of service, by certificate of the person effecting the service, or by other proof satisfactory to the Commission. Failure to make proof of service will not affect the validity of the service. The Commission may allow the proof to be amended or supplied at any time, unless to do so would result in material prejudice to a party.

[28 FR 12415, Nov. 22, 1963, as amended at 40 FR 55644, Dec. 1, 1975; 53 FR 11852, Apr. 11, 1988]

Sec. 1.48 Length of pleadings.

(a) Affidavits, statements, tables of contents and summaries of filings, and other materials which are submitted with and factually support a pleading are not counted in determining the length of the pleading. If other materials are submitted with a pleading, they will be counted in determining its length; and if the length of the pleadings, as so computed, is greater than permitted by the provisions of this chapter, the pleading will be returned

without consideration.

(b) It is the policy of the Commission that requests for permission to file pleadings in excess of the length prescribed by the provisions of this chapter shall not be routinely granted. Where the filing period is 10 days or less, the request shall be made within 2 business days after the period begins to run. Where the period is more than 10 days, the request shall be filed at least 10 days before the filing date. (See Sec. 1.4.) If a timely request is made, the pleading need not be filed earlier than 2 business days after the Commission acts upon the request.

[41 FR 14871, Apr. 8, 1976, and 49 FR 40169, Oct. 15, 1984]

Sec. 1.49 Specifications as to pleadings and documents.

(a) All pleadings and documents filed in any Commission proceeding shall be typewritten or prepared by mechanical processing methods, and shall be filed on A4 (21 cm. x 29.7 cm.) or on 8 1/2 x 11 inch (21.6 cm. x 27.9 cm.) paper with the margins set so that the printed material does not exceed 6 1/2 x 9 1/2 inches (16.5 cm. x 24.1 cm.). The printed material may be in any typeface of at least 12-point (0.42333 cm. or 12/72 ") in height. The body of the text must be double spaced with a minimum distance of 7/32 of an inch (0.5556 cm.) between each line of text. Footnotes and long, indented quotations may be single spaced, but must be in type that is 12-point or larger in height, with at least 1/16 of an inch (0.158 cm.) between each line of text. Counsel are cautioned against employing extended single spaced passages or excessive footnotes to evade prescribed pleading lengths. If single-spaced passages or footnotes are used in this manner the pleading will, at the discretion of the Commission, either be rejected as unacceptable for filing or dismissed with leave to be refiled in proper form. Pleadings may be printed on both sides of the paper. Pleadings that use only one side of the paper shall be stapled, or otherwise bound, in the upper left-hand corner; those using both sides of the paper shall be stapled twice, or otherwise bound, along the left-hand margin so that it opens like a book. The foregoing shall not apply to printed briefs specifically requested by the Commission, official publications, charted or maps, original documents (or admissible copies thereof) offered as exhibits, specially prepared exhibits, or if otherwise specifically provided. All copies shall be clearly legible.

(b) Except as provided in paragraph (d) of this section, all pleadings and documents filed with the Commission, the length of which as computed under this chapter exceeds ten pages, shall include, as part of the pleading or document, a table of contents with page references.

(c) Except as provided in paragraph (d) of this section, all pleadings and documents filed with the Commission, the length of which filings as computed under this chapter exceeds ten pages, shall include, as part of the pleading or document, a summary of the filing, suitably paragraphed, which should be a succinct, but accurate and clear condensation of the substance of the filing. It should not be a mere repetition of the headings under which the filing is arranged. For pleadings and documents exceeding ten but not twenty-five pages in length, the summary should seldom exceed one and never two pages; for pleadings and documents exceeding twenty-five pages in length, the summary should seldom exceed two and never five pages.

(d) The requirements of paragraphs (b) and (c) of this section shall not apply to:

- (1) Interrogatories or answers to interrogatories, and depositions;
- (2) FCC forms or applications;
- (3) Transcripts;
- (4) Contracts and reports;
- (5) Letters; or
- (6) Hearing exhibits, and exhibits or appendices accompanying any document or pleading submitted to the Commission.

(e) In addition to the provisions above, pleadings related to Part 22 of the rules, must also be submitted on microfiche. See Sec. 22.6 for specifications.

Note: The table of contents and the summary pages shall not be included in complying with any page limitation requirements as set forth by Commission rule.

[40 FR 19198, May 2, 1975, as amended at 47 FR 26393, June 18, 1982; 51 FR 16322, May 2, 1986; 54 FR 31032, July 26, 1989; 58 FR 44893, Aug. 25, 1993; 58 FR 63087, Nov. 30, 1993; 59 FR 37721, July 25, 1994]

Sec. 1.50 Specifications as to briefs.

The Commission's preference is for briefs that are typewritten or prepared by mechanical processing methods. Printed briefs will be accepted only if specifically requested by the Commission. Typewritten or mechanically produced briefs must conform to all of the specifications for pleadings and documents set forth in Sec. 1.49.

[59 FR 37721, July 25, 1994]

Sec. 1.51 Number of copies of pleadings, briefs and other papers.

Except as otherwise specifically provided in the Commission's rules and regulations, the number of copies of pleadings, briefs, and other papers to be filed is as follows:

(a) In hearing proceedings, the following number of copies shall be filed:

(1) If the paper filed relates to a matter to be acted upon by the presiding officer or the Chief Administrative Law Judge, an original and 6 copies shall be filed.

(2) If the paper filed relates to matters to be acted on by the Review Board, an original and 11 copies shall be filed.

(3) If the paper filed relates to matters to be acted on by the Commission, an original and 14 copies shall be filed.

(4) If more than one person presided (is presiding) at the hearing an additional copy shall be filed for each such additional person.

(b) In rulemaking proceedings which have not been designated for hearing, see section 1.419 of this Chapter.

Dockets (original and 1)	2
Bureau	2
Secretary	1
Information office	1
 Total	 6

Participants filing the required 6 copies who also wish each Commissioner to have a personal copy of the comments may file an additional 6 copies. The distribution of such copies shall be as follows:

Commissioners	5
Dockets (original and 1)	2
Bureau	2
Information office	1

Total	10
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Dockets (original and 1)	2
Bureau	2
Secretary	1
Information office	1

Total	6
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However, members of the general public who wish to express their interest by participating informally in a rulemaking proceeding may do so by submitting one copy of their comments, without regard to form, provided only that the Docket Number is specified in the heading. Also, such informal participants who wish responsible members of the staff to have a personal copy, and to have an extra copy available for the Commissioners, may file an additional 5 copies. The distribution of such copies shall be as follows:

Dockets (original and 1)	2
Bureau	2
Secretary	1
Information office	1

Total	6
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(c) In matters other than rule making and hearing cases, the following number of copies shall be filed:

(1) If the paper filed relates to matters to be acted on by the Commission, an original and 4 copies shall be filed. If the matter relates to Part 22 of the rules, see Sec. 22.6.

(2) If the paper filed related to matters to be acted on by staff officials under delegated authority, an original and 4 copies shall be filed. If the matter relates to Part 22 of the rules, see Sec. 22.6.

(d) Where statute or regulation provides for service by the Commission of papers filed with the Commission, an additional copy of such papers shall be filed for each person to be served.

(e) The parties to any proceeding may, on notice, be required to file additional copies of any or all papers filed in that proceeding.

(Secs. 4, 303, 48 Stat., as amended, 1066, 1082; (47 U.S.C. 154, 303))
 [40 FR 48136, Oct. 14, 1975, as amended at 41 FR 50399, Nov. 16, 1976; 45 FR 64190, Sept. 29, 1980; 45 FR 79486, Dec. 1, 1980; 50 FR 26567, June 27, 1985; 54 FR 29037,

July 11, 1989; 54 FR 31032, July 26, 1989]

Sec. 1.52 Subscription and verification.

The original of all petitions, motions, pleadings, briefs, and other documents filed by any party represented by counsel shall be signed by at least one attorney of record in his individual name, whose address shall be stated. A party who is not represented by an attorney shall sign and verify the document and state his address. Either the original document, or an electronic reproduction of such original document containing the facsimile signature of the attorney or unrepresented party is acceptable for filing. If a facsimile copy of a document is filed, the signatory shall retain the original until the Commission's decision is final and no longer subject to judicial review. Except when otherwise specifically provided by rule or statute, documents signed by the attorney for a party need not be verified or accompanied by affidavit. The signature or electronic reproduction thereof by an attorney constitutes a certificate by him that he has read the document; that to the best of his knowledge, information, and belief there is good ground to support it; and that it is not interposed for delay. If the original of a document is not signed or is signed with intent to defeat the purpose of this section, or an electronic reproduction does not contain a facsimile signature, it may be stricken as sham and false, and the matter may proceed as though the document had not been filed. An attorney may be subjected to appropriate disciplinary action, pursuant to Sec. 1.24, for a willful violation of this rule or if scandalous or indecent matter is inserted.

[50 FR 19360, May 8, 1985]

General Application Procedures

Sec. 1.61 Procedures for handling applications requiring special aeronautical study.

(a) Antenna surveys are conducted by the Licensing Division of the Private Radio Bureau.

(b) Each operating bureau or office examines the applications for which it is responsible to ascertain whether or not antenna consideration is required. If such consideration is required, the antenna data is furnished to the Licensing Division.

(c) The Licensing Division then ascertains whether the applicant is required to submit a "Notice of Proposed Construction or Alteration" (FAA Form 7460-1) to the Federal Aviation Administration.

(d) If FAA Form 7460-1 is not required, the application and appropriate antenna painting and lighting specifications are returned to the originating bureau or office for such further action as is necessary.

(e) If FAA Form 7460-1 is required, the originating bureau or office will be so advised. Unless the application includes a statement that FAA Form 7460-1 has been submitted to the Federal Aviation Administration, the originating bureau or office will notify the applicant to do so.

(f) Upon receipt from the Federal Aviation Administration approving a proposed antenna, the Licensing Division prescribes antenna tower painting and lighting specifications or other

conditions in accordance with the provisions of part 17 of this chapter and forwards this information to the originating bureau or office. If the proposed tower is disapproved, a report of the disapproval is forwarded to the originating bureau or office.

(g) Where one or more antenna farm areas have been designated for a community or communities (see Sec. 17.9 of this chapter), an application for a construction permit proposing the erection of an antenna structure over 1,000 feet in height above ground to serve such community or communities will not be accepted for filing unless:

- (1) It is proposed to locate the antenna structure in a designated antenna farm area, or
- (2) It is accompanied by a statement from the Federal Aviation Administration that the proposed structure will not constitute a menace to air navigation, or
- (3) It is accompanied by a request for waiver setting forth reasons sufficient, if true, to justify such a waiver.

Note: By Commission Order (FCC 65-455), 30 FR 7419, June 5, 1965, the Commission issued the following policy statement concerning the height of radio and television antenna towers:

"We have concluded that this objective can best be achieved by adopting the following policy: Applications for antenna towers higher than 2,000 feet above ground will be presumed to be inconsistent with the public interest, and the applicant will have a burden of overcoming that strong presumption. The applicant must accompany its application with a detailed showing directed to meeting this burden. Only in the exceptional case, where the Commission concludes that a clear and compelling showing has been made that there are public interest reasons requiring a tower higher than 2,000 feet above ground, and after the parties have complied with applicable FAA procedures, and full Commission coordination with FAA on the question of menace to air navigation, will a grant be made. Applicants and parties in interest will, of course, be afforded their statutory hearing rights."

[28 FR 12415, Nov. 22, 1963, as amended at 32 FR 8813, June 21, 1967; 32 FR 20860, Dec. 28, 1967; 34 FR 6481, Apr. 15, 1969; 45 FR 55201, Aug. 19, 1980; 58 FR 13021, Mar. 9, 1993]

Sec. 1.62 Operation pending action on renewal application.

(a)(1) Where there is pending before the Commission at the time of expiration of license any proper and timely application for renewal of license with respect to any activity of a continuing nature, in accordance with the provisions of section 9(b) of the Administrative Procedure Act, such license shall continue in effect without further action by the Commission until such time as the Commission shall make a final determination with respect to the renewal application. No operation by any licensee under this section shall be construed as a finding by the Commission that the operation will serve the public interest, convenience, or necessity, nor shall such operation in any way affect or limit the action of the Commission with respect to any pending application or proceeding.

(2) A licensee operating by virtue of this paragraph shall, after the date of expiration specified in the license, post, in addition to the original license, any acknowledgment received from the Commission that the renewal application has been accepted for filing or a signed copy of the application for renewal of license which has been submitted by the licensee, or in services other than broadcast and common carrier, a statement certifying that the licensee has mailed or filed a renewal application, specifying the date of mailing or

filing.

(b) Where there is pending before the Commission at the time of expiration of license any proper and timely application for renewal or extension of the term of a license with respect to any activity not of a continuing nature, the Commission may in its discretion grant a temporary extension of such license pending determination of such application. No such temporary extension shall be construed as a finding by the Commission that the operation of any radio station thereunder will serve the public interest, convenience, or necessity beyond the express terms of such temporary extension of license, nor shall such temporary extension in any way affect or limit the action of the Commission with respect to any pending application or proceeding.

(c) Except where an instrument of authorization clearly states on its face that it relates to an activity not of a continuing nature, or where the non-continuing nature is otherwise clearly apparent upon the face of the authorization, all licenses issued by the Commission shall be deemed to be related to an activity of a continuing nature.

(5 U.S.C. 558)

Sec. 1.65 Substantial and significant changes in information furnished by applicants to the Commission.

(a) Each applicant is responsible for the continuing accuracy and completeness of information furnished in a pending application or in Commission proceedings involving a pending application. Except where paragraph (b) of this section applies, whenever the information furnished in the pending application is no longer substantially accurate and complete in all significant respects, the applicant shall as promptly as possible and in any event within 30 days, unless good cause is shown, amend or request the amendment of his application so as to furnish such additional or corrected information as may be appropriate. Except where paragraph (b) of this section applies, whenever there has been a substantial change as to any other matter which may be of decisional significance in a Commission proceeding involving the pending application, the applicant shall as promptly as possible and in any event within 30 days, unless good cause is shown, submit a statement furnishing such additional or corrected information as may be appropriate, which shall be served upon parties of record in accordance with Sec. 1.47. Where the matter is before any court for review, statements and requests to amend shall in addition be served upon the Commission's General Counsel. For the purposes of this section, an application is "pending" before the Commission from the time it is accepted for filing by the Commission until a Commission grant or denial of the application is no longer subject to reconsideration by the Commission or to review by any court.

(b) Changes in information relating to Sec. 1.1622, lottery preferences, must be furnished to the Commission no more than 7 days after the changes occur until: (1) In the case of a non-mutually exclusive application, the Commission releases the Public Notice proposing the application for grant; or (2) in the case of a mutually exclusive application, the Commission releases the final Public Notice announcing the acceptance of the last-filed mutually exclusive application.

(c) All broadcast permittees and licensees must report annually to the Commission any adverse finding or adverse final action taken by any court or administrative body that involves conduct bearing on the permittee's or licensee's character qualifications and that

would be reportable in connection with an application for renewal as reflected in the renewal form. If a report is required by this paragraph(s), it shall be filed on the anniversary of the date that the licensee's renewal application is required to be filed, except that licensees owning multiple stations with different anniversary dates need file only one report per year on the anniversary of their choice, provided that their reports are not more than one year apart. Permittees and licensees bear the obligation to make diligent, good faith efforts to become knowledgeable of any such reportable adjudicated misconduct.

Note: The terms "adverse finding" and "adverse final action" as used in paragraph (c) of this section include adjudications made by an ultimate trier of fact, whether a government agency or court, but do not include factual determinations which are subject to review de novo unless the time for taking such review has expired under the relevant procedural rules. The pendency of an appeal of an adverse finding or adverse final action does not relieve a permittee or licensee from its obligation to report the finding or action.

[48 FR 27200, June 13, 1983, as amended at 55 FR 23084, June 6, 1990; 56 FR 25635, June 5, 1991; 56 FR 44009, Sept. 6, 1991; 57 FR 47412, Oct. 16, 1992]

Sec. 1.68 Action on application for license to cover construction permit.

(a) An application for license by the lawful holder of a construction permit will be granted without hearing where the Commission, upon examination of such application, finds that all the terms, conditions, and obligations set forth in the application and permit have been fully met, and that no cause or circumstance arising or first coming to the knowledge of the Commission since the granting of the permit would, in the judgment of the Commission, make the operation of such station against the public interest.

(b) In the event the Commission is unable to make the findings in paragraph (a) of this section, the Commission will designate the application for hearing upon specified issues. (Sec. 319, 48 Stat. 1089, as amended; 47 U.S.C. 319)

Sec. 1.743 Who may sign applications.

(a) Except as provided in paragraph (b) of this section, applications, amendments thereto, and related statements of fact required by the Commission must be signed by the applicant, if the applicant is an individual; by one of the partners, if the applicant is a partnership; by an officer or duly authorized employee, if the applicant is a corporation; or by a member who is an officer, if the applicant is an unincorporated association. Applications, amendments, and related statements of fact filed on behalf of eligible government entities such as states and territories of the United States, their political subdivisions, the District of Columbia, and units of local government, including incorporated municipalities, must be signed by a duly elected or appointed official who is authorized to do so under the laws of the applicable jurisdiction.

(b) Applications, amendments thereto, and related statements of fact required by the Commission may be signed by the applicant's attorney in case of the applicant's physical

disability or of his absence from the United States. The attorney shall in that event separately set forth the reason why the application is not signed by the applicant. In addition, if any matter is stated on the basis of the attorney's belief only (rather than his knowledge), he shall separately set forth his reasons for believing that such statements are true.

(c) Only the original of applications, amendments, or related statements of fact need be signed; copies may be conformed.

(d) Applications, amendments, and related statements of fact need not be signed under oath. Willful false statements made therein, however, are punishable by fine and imprisonment, U.S. Code, Title 18, section 1001, and by appropriate administrative sanctions, including revocation of station license pursuant to section 312(a)(1) of the Communications Act of 1934, as amended.

(e) "Signed," as used in this section, means an original hand-written signature, except that by public notice in the Federal Register the Common Carrier Bureau may allow signature by any symbol executed or adopted by the applicant with the intent that such symbol be a signature, including symbols formed by computer-generated electronic impulses.

[28 FR 12450, Nov. 22, 1963, as amended at 53 FR 17193, May 16, 1988; 59 FR 59503, Nov. 17, 1994]

Subpart Q—Competitive Bidding Proceedings

Source: 59 FR 44293, Aug 26, 1994, unless otherwise noted.

General Procedures

Sec. 1.2101 Purpose.

The provisions of this subpart implement Section 309(j) of the Communications Act of 1934, as added by the Omnibus Budget Reconciliation Act of 1993 (P.L. 103-66), authorizing the Commission to employ competitive bidding procedures to choose from among two or more mutually exclusive applications for certain initial licenses.

Sec. 1.2102 Eligibility of applications for competitive bidding.

(a) Mutually exclusive initial applications in the following services or classes of services are subject to competitive bidding:

- (1) Interactive Video Data Service (see 47 CFR Part 95, Subpart F). This paragraph does not apply to applications which were filed prior to July 26, 1993;
- (2) Marine Public Coast Stations (see 47 CFR Part 80, Subpart J);
- (3) Multipoint Distribution Service and Multichannel Multipoint Distribution Service (see 47 CFR Part 21, Subpart K). This paragraph does not apply to applications which were filed prior to July 26, 1993;

- (4) Exclusive Private Carrier Paging above 900 MHz (see 47 CFR Part 90, Subpart P.)
- (5) Public Mobile Services (see 47 CFR Part 22), except in the 800 MHz Air-Ground Radiotelephone Service, and in the Rural Radio Service. This paragraph does not apply to applications in the cellular radio service, such as cellular unserved area applications, that were filed prior to July 26, 1993;
- (6) Specialized Mobile Radio Service (SMR) (see 47 CFR Part 90, Subpart S) including applications based on finder's preferences for frequencies allocated to the SMR service (see 47 CFR 90.173); and
- (7) Personal Communications Services (PCS) (see 47 CFR Part 24).

Note to paragraph (a): To determine the rules that apply to competitive bidding in the foregoing services, specific service rules should also be consulted.

(b) The following types of license applications are not subject to competitive bidding procedures:

- (1) Applications for renewal of licenses;
- (2) Applications for modification of license; provided, however, that the Commission may determine that applications for modification that are mutually exclusive with other applications should be subject to competitive bidding;
- (3) Applications for subsidiary communications services. A "subsidiary communications service" is a class of service where the signal for that service is indivisible from that of the main channel signal and that main channel signal is exempt from competitive bidding under other provisions of these rules. See, e.g., Sec. 1.2102(c) (exempting broadcast services). Examples of such subsidiary communications services are those transmitted on subcarriers within the FM baseband signal (see 47 CFR 73.295), and signals transmitted within the Vertical Blanking Interval of a broadcast television signal; and
- (4) Applications for frequencies used as an intermediate link or links in the provision of a continuous, end-to-end service where no service is provided directly to subscribers over the frequencies. Examples of such intermediate links are:
 - (i) Point-to-point microwave facilities used to connect a cellular radio telephone base station with a cellular radio telephone mobile telephone switching office; and
 - (ii) Point-to-point microwave facilities used as part of the service offering in the provision of telephone exchange or interexchange service.
- (c) Applications in the following services or classes of services are not subject to competitive bidding:
 - (1) Alaska-Private Fixed Stations (see 47 CFR Part 80, Subpart O);
 - (2) Broadcast radio (AM and FM) and broadcast television (VHF, UHF, LPTV) under 47 CFR Part 73;
 - (3) Broadcast Auxiliary and Cable Television Relay Services (see 47 CFR Part 74, Subparts D, E, F, G, H and L and Part 78, Subpart B);
 - (4) Instructional Television Fixed Service (see 47 CFR Part 74, Subpart I);
 - (5) Maritime Support Stations (see 47 CFR Part 80, Subpart N);
 - (6) Marine Operational Fixed Stations (see 47 CFR Part 80, Subpart L);
 - (7) Marine Radiodetermination Stations (see 47 CFR Part 80, Subpart M);
 - (8) Personal Radio Services (see 47 CFR Part 95), except applications filed after July 26, 1993, in the Interactive Video Data Service (see 47 CFR Part 95, Subpart F);
 - (9) Public Safety, Industrial/Land Transportation, General and Business Radio categories above 800 MHz, including finder's preference requests for frequencies not allocated to the

SMR service (see 47 CFR 90.173), and including, until further notice of the Commission, the Automated Vehicle Monitoring Service (see 47 CFR 90.239);

(10) Private Land Mobile Radio Services between 470-512 MHz (see 47 CFR Part 90, Subparts B-F), including those based on finder's preferences, (see 47 CFR 90.173);

(11) Private Land Mobile Radio Services below 470 MHz (see 47 CFR Part 90, Subparts B-F) except in the 220 MHz band (see 47 CFR Part 90, Subpart T), including those based on finder's preferences (see 47 CFR Section 90.173); and

(12) Private Operational Fixed Services (see 47 CFR Part 94).

Sec. 1.2103 Competitive bidding design options.

(a) The Commission will select the competitive bidding design(s) to be used in auctioning particular licenses or classes of licenses on a service-specific basis. The choice of competitive bidding design will generally be made pursuant to the criteria set forth in PP Docket No. 93-253, FCC 94-61, adopted March 8, 1994, available for purchase from the International Transcription Service, Inc., 2100 M St. NW, suite 140, Washington, DC 20037, telephone (202) 857-3800, but the Commission may design and test alternative methodologies. The Commission will choose from one or more of the following types of auction designs for services or classes of services subject to competitive bidding: (1) Single round sealed bid auctions (either sequential or simultaneous); (2) Sequential oral auctions; (3) Simultaneous multiple round auctions.

(b) The Commission may use combinatorial bidding, which would allow bidders to submit all or nothing bids on combinations of licenses, in addition to bids on individual licenses. The Commission may require that to be declared the high bid, a combinatorial bid must exceed the sum of the individual bids by a specified amount. Combinatorial bidding may be used with any type of auction.

(c) The Commission may use single combined auctions, which combine bidding for two or more substitutable licenses and award licenses to the highest bidders until the available licenses are exhausted. This technique may be used in conjunction with any type of auction.

Sec. 1.2104 Competitive bidding mechanisms.

(a) Sequencing. The Commission will establish the sequence in which multiple licenses will be auctioned.

(b) Grouping. In the event the Commission uses either a simultaneous multiple round competitive bidding design or combinatorial bidding, the Commission will determine which licenses will be auctioned simultaneously or in combination.

(c) Reservation Price. The Commission may establish a reservation price, either disclosed or undisclosed, below which a license subject to auction will not be awarded.

(d) Minimum Bid Increments. The Commission may, by announcement before or during an auction, require minimum bid increments in dollar or percentage terms. The Commission may also establish suggested minimum opening bids on a service-specific basis.

(e) Stopping Rules. The Commission may establish stopping rules before or during multiple round auctions in order to terminate the auctions within a reasonable time.

(f) Activity Rules. The Commission may establish activity rules which require a minimum amount of bidding activity.

(g) **Withdrawal, Default and Disqualification Penalties.** As specified below, when the Commission conducts a simultaneous multiple round auction pursuant to Sec. 1.2103, the Commission will impose penalties on bidders who withdraw high bids during the course of an auction, or who default on payments due after an auction closes or who are disqualified.

(1) **Bid withdrawal prior to close of auction.** A bidder who withdraws a high bid during the course of an auction will be subject to a penalty equal to the difference between the amount bid and the amount of the winning bid the next time the license is offered by the Commission. No withdrawal penalty would be assessed if the subsequent winning bid exceeds the withdrawn bid. This penalty amount will be deducted from any upfront payments or down payments that the withdrawing bidder has deposited with the Commission.

(2) **Default or disqualification after close of auction.** If a high bidder defaults or is disqualified after the close of such an auction, the defaulting bidder will be subject to the penalty in paragraph (g)(1) plus an additional penalty equal to 3 percent of the subsequent winning bid. If the subsequent winning bid exceeds the defaulting bidder's bid amount, the 3 percent penalty will be calculated based on the defaulting bidder's bid amount. These amounts will be deducted from any upfront payments or down payments that the defaulting or disqualified bidder has deposited with the Commission. When the Commission conducts single round sealed bid auctions or sequential oral auctions, the Commission may modify the penalties to be paid in the event of bid withdrawal, default or disqualification; provided, however, that such penalties shall not exceed the penalties specified above.

(h) The Commission will generally release information concerning the identities of bidders before each auction but may choose, on an auction-by-auction basis, to withhold the identity of the bidders associated with bidder identification numbers.

(i) The Commission may delay, suspend, or cancel an auction in the event of a natural disaster, technical obstacle, evidence of security breach, unlawful bidding activity, administrative necessity, or for any other reason that affects the fair and efficient conduct of the competitive bidding. The Commission also has the authority, at its sole discretion, to resume the competitive bidding starting from the beginning of the current or some previous round or cancel the competitive bidding in its entirety.

Sec. 1.2105 Bidding application and certification procedures; prohibition of collusion.

(a) **Submission of Short Form Application (FCC Form 175).** In order to be eligible to bid, an applicant must timely submit a short-form application (FCC Form 175), together with any appropriate filing fee set forth by Public Notice. Unless otherwise provided by Public Notice, the Form 175 need not be accompanied by an upfront payment (see Sec. 1.2106).

(1) All Form 175s will be due:

(i) On the date(s) specified by Public Notice; or

(ii) In the case of application filing dates which occur automatically by operation of law (see, e.g., 47 CFR 22.902), on a date specified by Public Notice after the Commission has reviewed the applications that have been filed on those dates and determined that mutual exclusivity exists.

(2) The Form 175 must contain the following information:

(i) Identification of each license on which the applicant wishes to bid;

(ii) The applicant's name, if the applicant is an individual. If the applicant is a corporation, then the short-form application will require the name and address of the corporate office and the name and title of an officer or director. If the applicant is a partnership, then the application will require the name, citizenship and address of all partners, and, if a partner is not a natural person, then the name and title of a responsible person should be included as well. If the applicant is a trust, then the name and address of the trustee will be required. If the applicant is none of the above, then it must identify and describe itself and its principals or other responsible persons;

(iii) The identity of the person(s) authorized to make or withdraw a bid;

(iv) If the applicant applies as a designated entity pursuant to Sec. 1.2110, a statement to that effect and a declaration, under penalty of perjury, that the applicant is qualified as a designated entity under Sec. 1.2110.

(v) Certification that the applicant is legally, technically, financially and otherwise qualified pursuant to Section 308(b) of the Communications Act of 1934, as amended. The Commission will accept applications certifying that a request for waiver or other relief from the requirements of Section 310 is pending;

(vi) Certification that the applicant is in compliance with the foreign ownership provisions of Section 310 of the Communications Act of 1934, as amended;

(vii) Certification that the applicant is and will, during the pendency of its application(s), remain in compliance with any service-specific qualifications applicable to the licenses on which the applicant intends to bid including, but not limited to, financial qualifications. The Commission may require certification in certain services that the applicant will, following grant of a license, come into compliance with certain service-specific rules, including, but not limited to, ownership eligibility limitations;

(viii) An exhibit, certified as truthful under penalty of perjury, identifying all parties with whom the applicant has entered into partnerships, joint ventures, consortia or other agreements, arrangements or understandings of any kind relating to the licenses being auctioned, including any such agreements relating to the post-auction market structure.

(ix) Certification under penalty of perjury that it has not entered and will not enter into any explicit or implicit agreements, arrangements or understandings of any kind with any parties other than those identified pursuant to paragraph (a)(2)(viii) regarding the amount of their bids, bidding strategies or the particular licenses on which they will or will not bid;

Note to paragraph (a): The Commission may also request applicants to submit additional information for informational purposes to aid in its preparation of required reports to Congress.

(b) Modification and Dismissal of Form 175. (1) Any Form 175 that is not signed or otherwise does not contain all of the certifications required pursuant to this section is unacceptable for filing and cannot be corrected subsequent to any applicable filing deadline. The application will be dismissed with prejudice and the upfront payment, if paid, will be returned.

(2) The Commission will provide bidders a limited opportunity to cure defects specified herein (except for failure to sign the application and to make certifications) and to resubmit a corrected application. Form 175 may be amended or modified to make minor changes or correct minor errors in the application (such as typographical errors). The Commission will classify all amendments as major or minor, pursuant to rules applicable to specific services. An application will be considered to be a newly filed application if it is amended

by a major amendment and may not be resubmitted after applicable filing deadlines.

(3) Applicants who fail to correct defects in their applications in a timely manner as specified by Public Notice will have their applications dismissed with no opportunity for resubmission.

(c) Prohibition of Collusion. (1) Except as provided in paragraphs (c)(2), (c)(3) and (c)(4) of this subsection, after the filing of short-form applications, all applicants are prohibited from cooperating, collaborating, discussing or disclosing in any manner the substance of their bids or bidding strategies, or discussing or negotiating settlement agreements, with other applicants until after the high bidder makes the required down payment, unless such applicants are member of a bidding consortium or other joint bidding arrangement identified on the bidder's short-form application pursuant to Section 1.2105(a)(2)(viii).

(2) Applicants may modify their short-form applications to reflect formation of consortia or changes in ownership at any time before or during an auction, provided such changes do not result in a change in control of the applicant, and provided that the parties forming consortia or entering into ownership agreements have not applied for licenses in any of the same geographic license areas. Such changes will not be considered major modifications of the application.

(3) After the filing of short-form applications, applicants may make agreements to bid jointly for licenses, provided the parties to the agreement have not applied for licenses in any of the same geographic license areas.

(4) After the filing of short-form applications, a holder of a non-controlling attributable interest in an entity submitting a short-form application may acquire an ownership interest in, form a consortium with, or enter into a joint bidding arrangement with, other applicants for licenses in the same geographic license area, provided that:

(i) the attributable interest holder certifies to the Commission that it has not communicated and will not communicate with any party concerning the bids or bidding strategies of more than one of the applicants in which it holds an attributable interest, or with which it has a consortium or joint bidding arrangement, and which have applied for licenses in the same geographic license area(s); and

(ii) the arrangements do not result in any change in control of an applicant. Applicants must modify their short-form applications to reflect any changes in ownership or in the membership of consortia or joint bidding arrangements.

(5) For purposes of this subsection,

(i) the term "applicant" shall include the entity submitting a short-form application to participate in an auction (FCC Form 175), as well as all holders of partnership and other ownership interests and any stock interest amounting to 5 percent or more of the equity, or outstanding stock, or outstanding voting stock of the entity submitting a short-form application, and all officers and directors of that entity; and

(ii) the term "bids or bidding strategies" shall include capital calls or requests for additional funds in support of bids or bidding strategies.

EXAMPLE: Company A is an applicant in area 1. Company B and Company C each own 10 percent of Company A. Company D is an applicant in area 1, area 2, and area 3. Company C is an applicant in area 3. Without violating the Commission's Rules, Company B can enter into a consortium arrangement with Company D or acquire an ownership interest in Company D if Company B certifies either (1) that it has communicated with and will

communicate neither with Company A or anyone else concerning Company A's bids or bidding strategy, nor with Company C or anyone else concerning Company C's bids or bidding strategy, or (2) that it has not communicated with and will not communicate with Company D or anyone else concerning Company D's bids or bidding strategy.

[59 FR 44293, Aug. 26, 1994, as amended at 59 FR 64162, Dec. 13, 1994]

Sec. 1.2106 Submission of upfront payments.

(a) The Commission may require applicants for licenses subject to competitive bidding to submit an upfront payment. In that event, the amount of the upfront payment and the procedures for submitting it will be set forth in a Public Notice. No interest will be paid on upfront payments.

(b) Upfront payments must be made either by wire transfer or by cashier's check drawn in U.S. dollars from a financial institution whose deposits are insured by the Federal Deposit Insurance Corporation and must be made payable to the Federal Communications Commission.

(c) If an upfront payment is not in compliance with the Commission's Rules, or if insufficient funds are tendered to constitute a valid upfront payment, the applicant shall have a limited opportunity to correct its submission to bring it up to the minimum valid upfront payment prior to the auction. If the applicant does not submit at least the minimum upfront payment, it will be ineligible to bid, its application will be dismissed and any upfront payment it has made will be returned.

(d) The upfront payment(s) of a bidder will be credited toward any down payment required for licenses on which the bidder is the high bidder. Where the upfront payment amount exceeds the required deposit of a winning bidder, the Commission may refund the excess amount after determining that no bid withdrawal penalties are owed by that bidder.

(e) In accordance with the provisions of paragraph (d), in the event a penalty is assessed pursuant to Sec. 1.2104 for bid withdrawal or default, upfront payments or down payments on deposit with the Commission will be used to satisfy the bid withdrawal or default penalty before being applied toward any additional payment obligations that the high bidder may have.

Sec. 1.2107 Submission of down payment and filing of long-form applications.

(a) After bidding has ended, the Commission will identify and notify the high bidder and declare the bidding closed.

(b) Within five (5) business days after being notified that it is a high bidder on a particular license(s), a high bidder must submit to the Commission's lockbox bank such additional funds (the "down payment") as are necessary to bring its total deposits (not including upfront payments applied to satisfy penalties) up to twenty (20) percent of its high bid(s). (In single round sealed bid auctions conducted under Sec. 1.2103, however, bidders may be required to submit their down payments with their bids.) This down payment must be made by wire transfer or cashier's check drawn in U.S. dollars from a financial institution whose deposits are insured by the Federal Deposit Insurance Corporation and must be made payable to the Federal Communications Commission. Winning bidders who are qualified designated entities eligible for installment payments under Sec. 1.2110(d) are only required

to bring their total deposits up to ten (10) percent of their winning bid(s). Such designated entities must pay the remainder of the twenty (20) percent down payment within five (5) business days of grant of their application. See Sec. 1.2110(e) (1) and (2). Down payments will be held by the Commission until the high bidder has been awarded the license and has paid the remaining balance due on the license, in which case it will not be returned, or until the winning bidder is found unqualified to be a licensee or has defaulted, in which case it will be returned, less applicable penalties. No interest will be paid on any down payment.

(c) A high bidder that meets its down payment obligations in a timely manner must, within ten (10) business days after being notified that it is a high bidder, submit an additional application (the "long-form application") pursuant to the rules governing the service in which the applicant is the high bidder (unless it has already submitted such an application, as contemplated by Sec. 1.2105(a)(1)(b)). For example, if the applicant is high bidder for a license in the Interactive Video Data Service (see 47 CFR Part 95, Subpart F), the long form application will be submitted on FCC Form 574 in accordance with Sec. 95.815 of this chapter. Notwithstanding any other provision in title 47 of the Code of Federal Regulations to the contrary, high bidders need not submit an additional application filing fee with their long-form applications. Notwithstanding any other provision in Title 47 of the Code of Federal Regulations to the contrary, the high bidder's long-form application must be mailed or otherwise delivered to: Office of the Secretary, Federal Communications Commission, Attention: Auction Application Processing Section, 1919 M Street, N.W., Room 222, Washington, D.C. 20554. An applicant that fails to submit the required long-form application as required under this subsection, and fails to establish good cause for any late-filed submission, shall be deemed to have defaulted and will be subject to the penalties set forth in Sec. 1.2104.

(d) As an exhibit to its long-form application, the applicant must provide a detailed explanation of the terms and conditions and parties involved in any bidding consortia, joint venture, partnership or other agreement or arrangement it had entered into relating to the competitive bidding process prior to the time bidding was completed. Such agreements must have been entered into prior to the filing of short-form applications pursuant to Sec. 1.2105.

Sec. 1.2108 Procedures for filing petitions to deny against long-form applications.

(a) Where petitions to deny are otherwise provided for under the Act or the commission's Rules, and unless other service-specific procedures for the filing of such petitions are provided for elsewhere in the Commission's Rules, the procedures in this section shall apply to the filing of petitions to deny the long-form applications of winning bidders.

(b) Within thirty (30) days after the Commission gives public notice that a long-form application has been accepted for filing, petitions to deny that application may be filed. Any such petitions must contain allegations of fact supported by affidavit of a person or persons with personal knowledge thereof.

(c) An applicant may file an opposition to any petition to deny, and the petitioner a reply to such opposition. Allegations of fact or denials thereof must be supported by affidavit of a person or persons with personal knowledge thereof. The times for filing such opposition and replies will be those provided in Sec. 1.45.

(d) If the Commission determines that:

(1) an applicant is qualified and there is no substantial and material issue of fact concerning that determination, it will grant the application.

(2) an applicant is not qualified and that there is no substantial issue of fact concerning that determination, the Commission need not hold a evidentiary hearing and will deny the application.

(3) substantial and material issues of fact require a hearing, it will conduct a hearing. The Commission may permit all or part of the evidence to be submitted in written form and may permit employees other than administrative law judges to preside at the taking of written evidence. Such hearing will be conducted on an expedited basis.

Sec. 1.2109 License grant, denial, default, and disqualification.

(a) Unless otherwise specified in these rules, auction winners are required to pay the balance of their winning bids in a lump sum within five (5) business days following award of the license. Grant of the license will be conditioned on full and timely payment of the winning bid.

(b) If a winning bidder withdraws its bid after the Commission has declared competitive bidding closed or fails to remit the required down payment within five (5) business days after the commission has declared competitive bidding closed, the bidder will be deemed to have defaulted, its application will be dismissed, and it will be liable for the default penalty specified in Sec. 1.2104(g)(2). In such event, the Commission may either re-auction the license to existing or new applicants or offer it to the other highest bidders (in descending order) at their final bids. The down payment obligations set forth in Sec. 1.2107(b) will apply.

(c) A winning bidder who is found unqualified to be a licensee, fails to remit the balance of its winning bid in a timely manner, or defaults or is disqualified for any reason after having made the required down payment, will be deemed to have defaulted and will be liable for the penalty set forth in Sec. 1.2104(g)(2). In such event, the Commission will conduct another auction for the license, affording new parties an opportunity to file applications for the license.

(d) Bidders who are found to have violated the antitrust laws or the Commission's rules in connection with their participation in the competitive bidding process may be subject, in addition to any other applicable sanctions, to forfeiture of their upfront payment, down payment or full bid amount, and may be prohibited from participating in future auctions.

Sec. 1.2110 Designated entities.

(a) Designated entities are small businesses, businesses owned by members of minority groups and/or women, and rural telephone companies.

(b) Definitions.

(1) Small businesses. The Commission will establish the definition of a small business on a service-specific basis, taking into consideration the characteristics and capital requirements of the particular service.

(2) Businesses owned by members of minority groups and/or women. Unless otherwise provided in rules governing specific services, a business owned by members of minority groups and/or women is one in which minorities and/or women who are U.S. citizens

control the applicant, have at least 50.1 percent equity ownership and, in the case of a corporate applicant, a 50.1 percent voting interest. For applicants that are partnerships, every general partner either must be a minority and/or woman (or minorities and/or women) who are U.S. citizens and who individually or together own at least 50.1 percent of the partnership equity, or an entity that is 100 percent owned and controlled by minorities and/or women who are U.S. citizens. The interests of minorities and women are to be calculated on a fully-diluted basis; agreements such as stock options and convertible debentures shall be considered to have a present effect on the power to control an entity and shall be treated as if the rights thereunder already have been fully exercised. However, upon a demonstration that options or conversion rights held by non-controlling principals will not deprive the minority and female principals of a substantial financial stake in the venture or impair their rights to control the designated entity, a designated entity may seek a waiver of the requirement that the equity of the minority and female principals must be calculated on a fully-diluted basis. The term minority includes individuals of African American, Hispanic-surnamed, American Eskimo, Aleut, American Indian and Asian American extraction.

(3) Rural telephone companies. A rural telephone company is any local exchange carrier including affiliates (as defined in 1.2110(b)(4)), with 100,000 access lines or fewer.

(4) Affiliate. (i) An individual or entity is an affiliate of an applicant or of a person holding an attributable interest in an applicant under Sec. 24.709 (both referred to herein as "the applicant") if such individual or entity--

- (A) directly or indirectly controls or has the power to control the applicant, or
- (B) is directly or indirectly controlled by the applicant, or
- (C) is directly or indirectly controlled by a third party or parties that also controls or has the power to control the applicant, or
- (D) has an "identity of interest" with the applicant.

(ii) Nature of control in determining affiliation.

(A) Every business concern is considered to have one or more parties who directly or indirectly control or have the power to control it. Control may be affirmative or negative and it is immaterial whether it is exercised so long as the power to control exists.

Example. An applicant owning 50 percent of the voting stock of another concern would have negative power to control such concern since such party can block any action of the other stockholders. Also, the bylaws of a corporation may permit a stockholder with less than 50 percent of the voting stock to block any actions taken by the other stockholders in the other entity. Affiliation exists when the applicant has the power to control a concern while at the same time another person, or persons, are in control of the concern at the will of the party or parties with the power to control.

(B) Control can arise through stock ownership; occupancy of director, officer or key employee positions; contractual or other business relations; or combinations of these and other factors. A key employee is an employee who, because of his/her position in the concern, has a critical influence in or substantive control over the operations or management of the concern.

(C) Control can arise through management positions where a concern's voting stock is so widely distributed that no effective control can be established.

Example. In a corporation where the officers and directors own various size blocks of stock totaling 40 percent of the corporation's voting stock, but no officer or director has a block sufficient to give him or her control or the power to control and the remaining 60

percent is widely distributed with no individual stockholder having a stock interest greater than 10 percent, management has the power to control. If persons with such management control of the other entity are persons with attributable interests in the applicant, the other entity will be deemed an affiliate of the applicant.

(iii) Identity of interest between and among persons. Affiliation can arise between or among two or more persons with an identity of interest, such as members of the same family or persons with common investments. In determining if the applicant controls or has the power to control a concern, persons with an identity of interest will be treated as though they were one person.

Example. Two shareholders in Corporation Y each have attributable interests in the same PCS application. While neither shareholder has enough shares to individually control Corporation Y, together they have the power to control Corporation Y. The two shareholders with these common investments (or identity in interest) are treated as though they are one person and Corporation Y would be deemed an affiliate of the applicant.

(A) Spousal Affiliation. Both spouses are deemed to own or control or have the power to control interests owned or controlled by either of them, unless they are subject to a legal separation recognized by a court of competent jurisdiction in the United States. In calculating their net worth, investors who are legally separated must include their share of interests in property held jointly with a spouse.

(B) Kinship Affiliation. Immediate family members will be presumed to own or control or have the power to control interests owned or controlled by other immediate family members. In this context "immediate family member" means father, mother, husband, wife, son, daughter, brother, sister, father- or mother-in-law, son- or daughter-in-law, brother- or sister-in-law, step- father or -mother, step-brother or -sister, step-son or -daughter, half brother or sister. This presumption may be rebutted by showing that the family members are estranged, the family ties are remote, or the family members are not closely involved with each other in business matters.

Example. A owns a controlling interest in Corporation X. A's sister-in-law, B, has an attributable interest in a PCS application. Because A and B have a presumptive kinship affiliation, A's interest in Corporation Y is attributable to B, and thus to the applicant, unless B rebuts the presumption with the necessary showing.

(iv) Affiliation through stock ownership.

(A) An applicant is presumed to control or have the power to control a concern if he or she owns or controls or has the power to control 50 percent or more of its voting stock.

(B) An applicant is presumed to control or have the power to control a concern even though he or she owns, controls or has the power to control less than 50 percent of the concern's voting stock, if the block of stock he or she owns, controls or has the power to control is large as compared with any other outstanding block of stock.

(C) If two or more persons each owns, controls or has the power to control less than 50 percent of the voting stock of a concern, such minority holdings are equal or approximately equal in size, and the aggregate of these minority holdings is large as compared with any other stock holding, the presumption arises that each one of these persons individually controls or has the power to control the concern; however, such presumption may be rebutted by a showing that such control or power to control, in fact, does not exist.

(v) Affiliation arising under stock options, convertible debentures, and agreements to merge. Stock options, convertible debentures, and agreements to merge (including

agreements in principle) are generally considered to have a present effect on the power to control the concern. Therefore, in making a size determination, such options, debentures, and agreements are generally treated as though the rights held thereunder had been exercised. However, an affiliate cannot use such options and debentures to appear to terminate its control over another concern before it actually does so.

Example 1. If company B holds an option to purchase a controlling interest in company A, who holds an attributable interest in a PCS application, the situation is treated as though company B had exercised its rights and had become owner of a controlling interest in company A. The gross revenues of company B must be taken into account in determining the size of the applicant.

Example 2. If a large company, BigCo, holds 70% (70 of 100 outstanding shares) of the voting stock of company A, who holds an attributable interest in a PCS application, and gives a third party, SmallCo, an option to purchase 50 of the 70 shares owned by BigCo, BigCo will be deemed to be an affiliate of company A, and thus the applicant, until SmallCo actually exercises its option to purchase such shares. In order to prevent BigCo from circumventing the intent of the rule which requires such options to be considered on a fully diluted basis, the option is not considered to have present effect in this case.

Example 3. If company A has entered into an agreement to merge with company B in the future, the situation is treated as though the merger has taken place.

(vi) Affiliation under voting trusts.

(A) Stock interests held in trust shall be deemed controlled by any person who holds or shares the power to vote such stock, to any person who has the sole power to sell such stock, and to any person who has the right to revoke the trust at will or to replace the trustee at will.

(B) If a trustee has a familial, personal or extra-trust business relationship to the grantor or the beneficiary, the stock interests held in trust will be deemed controlled by the grantor or beneficiary, as appropriate.

(C) If the primary purpose of a voting trust, or similar agreement, is to separate voting power from beneficial ownership of voting stock for the purpose of shifting control of or the power to control a concern in order that such concern or another concern may meet the Commission's size standards, such voting trust shall not be considered valid for this purpose regardless of whether it is or is not recognized within the appropriate jurisdiction.

(vii) Affiliation through common management. Affiliation generally arises where officers, directors, or key employees serve as the majority or otherwise as the controlling element of the board of directors and/or the management of another entity.

(viii) Affiliation through common facilities. Affiliation generally arises where one concern shares office space and/or employees and/or other facilities with another concern, particularly where such concerns are in the same or related industry or field of operations, or where such concerns were formerly affiliated, and through these sharing arrangements one concern has control, or potential control, of the other concern.

(ix) Affiliation through contractual relationships. Affiliation generally arises where one concern is dependent upon another concern for contracts and business to such a degree that one concern has control, or potential control, of the other concern.

(x) Affiliation under joint venture arrangements.

(A) A joint venture for size determination purposes is an association of concerns and/or individuals, with interests in any degree or proportion, formed by contract, express or

implied, to engage in and carry out a single, specific business venture for joint profit for which purpose they combine their efforts, property, money, skill and knowledge, but not on a continuing or permanent basis for conducting business generally. The determination whether an entity is a joint venture is based upon the facts of the business operation, regardless of how the business operation may be designated by the parties involved. An agreement to share profits/losses proportionate to each party's contribution to the business operation is a significant factor in determining whether the business operation is a point venture.

(B) The parties to a joint venture are considered to be affiliated with each other.

(C) The Commission may set aside specific licenses for which only eligible designated entities, as specified by the Commission, may bid.

(D) The Commission may permit partitioning of service areas in particular services for eligible designated entities.

(E) The Commission may permit small businesses (including small businesses owned by women, minorities, or rural telephone companies that qualify as small businesses) and other entities determined to be eligible on a service-specific basis, which are high bidders for licenses specified by the Commission, to pay the full amount of their high bids in installments over the term of their licenses pursuant to the following:

(1) Unless otherwise specified, each eligible applicant paying for its license(s) on an installment basis must deposit by wire transfer or cashier's check in the manner specified in Sec. 1.2107(b) sufficient additional funds as are necessary to bring its total deposits to ten (10) percent of its winning bid(s) within five (5) business days after the Commission has declared it the winning bidder and closed the bidding. Failure to remit the required payment will make the bidder liable to pay penalties pursuant to Sec. 1.2104(g)(2).

(2) Within five (5) business days of the grant of the license application of a winning bidder eligible for installment payments, the licensee shall pay another ten (10) percent of the high bid, thereby commencing the eligible licensee's installment payment plan. Failure to remit the required payment will make the bidder liable to pay penalties pursuant to Sec. 1.2104(g)(2).

(3) Upon grant of the license, the Commission will notify each eligible licensee of the terms of its installment payment plan. Unless other terms are specified in the rules of particular services, such plans will:

(i) impose interest based on the rate of U.S. Treasury obligations (with maturities closest to the duration of the license term) at the time of licensing;

(ii) allow installment payments for the full license term;

(iii) begin with interest-only payments for the first two years; and

(iv) amortize principal and interest over the remaining term of the license.

(4) A license granted to an eligible entity that elects installment payments shall be conditioned upon the full and timely performance of the licensee's payment obligations under the installment plan.

(i) If an eligible entity making installment payments is more than ninety (90) days delinquent in any payment, it shall be in default.

(ii) Upon default or in anticipation of default of one or more installment payments, a licensee may request that the Commission permit a three to six month grace period, during which no installment payments need be made. In considering whether to grant a request for a grace period, the Commission may consider, among other things, the licensee's payment

history, including whether the licensee has defaulted before, how far into the license term the default occurs, the reasons for default, whether the licensee has met construction build-out requirements, the licensee's financial condition, and whether the licensee is seeking a buyer under an authorized distress sale policy. If the Commission grants a request for a grace period, or otherwise approves a restructured payment schedule, interest will continue to accrue and will be amortized over the remaining term of the license.

(iii) Following expiration of any grace period without successful resumption of payment or upon denial of a grace period request, or upon default with no such request submitted, the license will automatically cancel and the Commission will initiate debt collection procedures pursuant to Part 1, Subpart O.

(f) The Commission may award bidding credits (i.e., payment discounts) to eligible designated entities. Competitive bidding rules applicable to individual services will specify the designated entities eligible for bidding credits, the licenses for which bidding credits are available, the amounts of bidding credits and other procedures.

(g) The Commission may establish different upfront payment requirements for categories of designated entities in competitive bidding rules of particular auctionable services.

(h) The Commission may offer designated entities a combination of the available preferences or additional preferences.

(i) Designated entities must describe on their long-form applications how they satisfy the requirements for eligibility for designated entity status, and must list and summarize on their long-form applications all agreements that effect designated entity status, such as partnership agreements, shareholder agreements, management agreements and other agreements, including oral agreements, which establish that the designated entity will have both de facto and de jure control of the entity. Such information must be maintained at the licensees' facilities or by their designated agents for the term of the license in order to enable the Commission to audit designated entity eligibility on an ongoing basis.

(j) The Commission may, on a service-specific basis, permit consortia, each member of which individually meets the eligibility requirements, to qualify for any designated entity provisions.

(k) The Commission may, on a service-specific basis, permit publicly-traded companies that are owned by members of minority groups or women to qualify for any designated entity provisions.

Sec. 1.2111 Assignment or transfer of control: unjust enrichment.

(a) Reporting requirement. An applicant seeking approval for a transfer of control or assignment (otherwise permitted under the Commission's Rules) of a license within three years of receiving a new license through a competitive bidding procedure must, together with its application for transfer of control or assignment, file with the Commission's statement indicating that its license was obtained through competitive bidding. Such applicant must also file with the Commission the associated contracts for sale, option agreements, management agreements, or other documents disclosing the local consideration that the applicant would receive in return for the transfer or assignment of its license. This information should include not only a monetary purchase price, but also any future, contingent, in-kind, or other consideration (e.g., management or consulting contracts either with or without an option to purchase; below market financing).

(b) Unjust enrichment payment: set-aside. As specified in this paragraph an applicant seeking approval for a transfer of control or assignment (otherwise permitted under the Commission's Rules) of a license acquired by the transferor or assignor pursuant to a set-aside for eligible designated entities under Sec. 1.2110(c), or who proposes to take any other action relating to ownership or control that will result in loss of status as an eligible designated entity, must seek Commission approval and may be required to make an unjust enrichment payment (Payment) to the Commission by cashier's check or wire transfer before consent will be granted. The Payment will be based upon a schedule that will take account of the term of the license, any applicable construction benchmarks, and the estimated value of the set-aside benefit, which will be calculated as the difference between the amount paid by the designated entity for the license and the value of comparable non-set-aside license in the free market at the time of the auction. The Commission will establish the amount of the Payment and the burden will be on the applicants to disprove this amount. No payment will be required if:

(1) The license is transferred or assigned more than five years after its initial issuance, unless otherwise specified; or

(2) The proposed transferee or assignee is an eligible designated entity under Sec. 1.2110(c) or the service-specific competitive bidding rules of the particular service, and so certifies.

(c) Unjust enrichment payment: installment financing. An applicant seeking approval for a transfer of control or assignment (otherwise permitted under the Commission's Rules) of a license acquired by the transferor or assignor through a competitive bidding procedure utilizing installment financing available to designated entities under Sec. 1.2110(d) will be required to pay the full amount of the remaining principal balance as a condition of the license transfer. No payment will be required if the proposed transferee or assignee assumes the installment payment obligations of the transferor or assignor, and if the proposed transferee or assignee is itself qualified to obtain installment financing under Sec. 1.2110(d) or the service-specific competitive bidding rules of the particular service, and so certifies.

(d) Unjust enrichment payment: bidding credits. An applicant seeking approval for a transfer of control or assignment (otherwise permitted under the Commission's Rules) of a license acquired by the transferor or assignor through a competitive bidding procedure utilizing bidding credits available to eligible designated entities under Sec. 1.2110(e) or who proposes to take any other action relating to ownership or control that will result in loss of status as an eligible designated entity, must seek Commission approval and will be required to make an unjust enrichment payment (Payment) to the government by wire transfer or cashier's check before consent will be granted. The Payment will be the sum of the amount of the bidding credit plus interest at the rate applicable for installment financing in effect at the time the license was awarded. See Sec. 1.2110(e). No payment will be required if the proposed transferee or assignee is an eligible designated entity under Sec. 1.2110(e) or the service-specific competitive bidding rules of the particular service, and so certifies.

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C.

FCC 94-178

In the Matter of)	
)	
Implementation of Section 309(j))	PP Docket No. 93-253
of the Communications Act -)	
Competitive Bidding)	

FIFTH REPORT AND ORDER

Adopted: June 29, 1994

Released: July 15, 1994

By the Commission: Commissioners Quello, Barrett, Ness and Chong issuing separate statements.

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APPENDIX A - LIST OF COMMENTERS AND REPLY COMMENTERS

APPENDIX B - FINAL RULES

I. INTRODUCTION

1. In this Fifth Report and Order, we adopt rules to conduct auctions for the award of more than 2,000 licenses to provide personal communications services in the 2 GHz band, which we call "broadband PCS." These broadband PCS auctions will constitute the largest auction of public assets in American history and are expected to recover billions of dollars for the United States Treasury. More importantly, the auctions will lead to the introduction of an array of new telecommunications products and services that are expected to fuel our nation's economic growth and revolutionize the way in which Americans communicate.

2. We also adopt in this Order provisions to fulfill Congress's mandate that we ensure that small businesses, rural telephone companies and businesses owned by minorities and women are given the opportunity to participate in the provision of broadband PCS. These rules will provide unprecedented opportunities for these designated entities to become meaningfully involved in the provision of a new telecommunications service. This action seeks to ensure that licenses for broadband PCS are disseminated to a wide variety of applicants and to remedy the serious underrepresentation of minorities and women in the provision of telecommunications services. Further, by the actions we take today we seek to ensure that PCS is provided to all communities in this country, including rural areas.

3. Broadband PCS will provide a variety of mobile services that will compete with existing cellular services. In addition, broadband PCS is expected to provide new mobile communications capabilities that are not currently available. These services will be provided by means of a new generation of communications devices that will include small, lightweight, multi-function portable phones, portable facsimile and other imaging devices, new types of multi-channel cordless phones, and advanced paging devices with two-way data capabilities.¹ The introduction of broadband PCS should benefit consumers by raising the overall level of competition in many already competitive segments of the telecommunications industry and by providing competition in other segments for the first time. The broadband PCS industry should also generate thousands of jobs in this country and improve the international competitiveness of the American economy.

4. Auctions for broadband PCS licenses will be conducted pursuant to Section 309(j) of the Communications Act, 47 U.S.C. § 309(j), which was enacted in August 1993. Section

¹ We already have adopted rules for competitive bidding on licenses to be awarded to provide personal communications services in the 900 MHz band (narrowband PCS), which will be used primarily to provide advanced paging services, and for licenses to provide Interactive Video and Data Service (IVDS), which will be used to provide services such as home shopping and pay-per-view programming. See Third Report and Order in PP Docket No. 93-253, FCC 94-98, 9 FCC Rcd ___, released May 10, 1994 (narrowband PCS); and Fourth Report and Order in PP Docket No. 93-253, 9 FCC Rcd 2330, released May 10, 1994 (IVDS).

309(j) granted the Commission express authority to employ competitive bidding procedures to award licenses to use the electromagnetic spectrum.² Section 309(j)(1) permits auctions only where mutually exclusive applications for initial licenses are accepted for filing by the Commission and where the principal use of the spectrum is reasonably likely to involve the receipt by the licensee of compensation from subscribers in return for enabling those subscribers to receive or transmit communications signals. In the Second Report and Order in this proceeding, we concluded that PCS as a class of service satisfies the Section 309(j)(1) criteria. See Second Report and Order in PP Docket No. 93-253, 9 FCC Rcd 2348 (released April 20, 1994) (Second Report and Order), at ¶¶ 54-58. Accordingly, if mutually exclusive applications for a broadband PCS license are accepted for filing, we will award that license through competitive bidding.

5. We also concluded in the Second Report and Order that we could design auction procedures to govern the award of broadband PCS licenses that would promote the objectives listed in Section 309(j)(3). More specifically, in the Second Report and Order, we determined that the use of competitive bidding to award broadband PCS licenses, as compared with other licensing methods, would speed the development and deployment of new services to the public and would encourage efficient use of the spectrum, as required by Section 309(j)(3)(A) and (D). In this regard, we noted that auctions would generally award licenses quickly to those parties who value them most highly and who are therefore most likely to introduce service rapidly to the public. *Id.* at ¶ 57. We also concluded that competitive bidding would recover for the public a portion of the value of the spectrum, as envisioned in Section 309(j)(3)(C). *Id.* We considered a variety of methods to implement Congress's remaining objectives, set forth in Section 309(j)(3)(B), of "promoting economic opportunity" and "avoiding excessive concentration of licenses" by disseminating licenses "among a wide variety of applicants." In the Second Report and Order, we adopted rules which provide the Commission with a menu of options to choose from to promote these objectives with respect to particular spectrum services to be auctioned, such as broadband PCS, in service-specific rules.

6. In our Broadband PCS Reconsideration Order, we established bandwidth assignments and area designations for broadband PCS. See Memorandum Opinion and Order in GEN Docket No. 90-314, FCC 94-144, released June 13, 1994 ("Broadband PCS Reconsideration Order"); see also Second Report and Order in GEN Docket No. 90-314, FCC 93-451, 8 FCC Rcd 7700 (1993). In that Order, we allocated 120 MHz of spectrum for licensed broadband PCS. We divided the licensed broadband PCS spectrum into three

² We adopted a Notice of Proposed Rule Making to implement Section 309(j) on September 23, 1993. Notice of Proposed Rule Making in PP Docket No. 93-253, 8 FCC Rcd 7635 (1993) (hereinafter "NPRM" or "Notice"). The Commission received 222 comments, 169 reply comments and numerous *ex parte* presentations relating to this proceeding. A list of commenters and reply commenters is attached as Appendix A to this Fifth Report and Order. Commenters may be referred to herein by the abbreviations noted in Appendix A.

30 MHz blocks (blocks A, B and C) and three 10 MHz blocks (blocks D, E and F).

We also designated two different service areas: 493 Basic Trading Areas ("BTAs") and 51 Major Trading Areas ("MTAs").³ The licenses in frequency blocks A and B will be awarded on an MTA basis, and the licenses on frequency blocks C, D, E and F will be awarded on a BTA basis. A total of 2,074 broadband PCS licenses will therefore be issued.⁴ The Broadband PCS Reconsideration Order sets forth eligibility rules for obtaining broadband PCS licenses, and establishes construction requirements to facilitate the provision of PCS services. See Broadband PCS Reconsideration Order at ¶¶ 102-132, 147-158. By these rules, we intend to promote competition in the wireless telecommunications market by as many different qualified providers as the spectrum can reasonably accommodate and to promote the rapid deployment of the infrastructure required to provide broadband PCS.

II. EXECUTIVE SUMMARY

7. In this Fifth Report and Order, we set forth the specific auction procedures for broadband PCS licenses. We have decided to conduct three auctions: the first for the 99 available PCS licenses in MTA blocks A and B, the second for the 986 PCS licenses in BTA blocks C and F, and the third for the remaining 986 PCS licenses in BTA blocks D and E. That is, the first auction will award licenses for the 30 MHz blocks for large geographic areas. The second auction will award licenses for smaller geographic areas for the two blocks that, as explained below, we have reserved for bidding by relatively small companies. In these "entrepreneurs' blocks," we have designed procedures to ensure that small businesses, rural telephone companies and businesses owned by women and minorities, which we collectively refer to as designated entities, have "the opportunity to participate in the provision" of PCS, as Congress directed in Section 309(j)(4)(D). In the third auction we will award licenses for the remaining 10 MHz blocks.

8. We intend to conduct each auction through simultaneous multiple round bidding with simultaneous stopping rules. Under that approach, no license is awarded until the bidding closes on all licenses in the auction. We have determined that simultaneous multiple round bidding is appropriate where the value of the licenses is high compared to the cost of

³ The 493 BTAs and 51 MTAs used in our broadband PCS licensing rules have been adapted from the Rand McNally 1992 Commercial Atlas and Marketing Guide, 123rd Edition, at 38-39.

⁴ The Commission has granted pioneer's preferences to three broadband PCS applicants, and stated that the parties awarded pioneer's preferences may apply for a 30 MHz MTA broadband PCS license without facing competing applications. See Third Report and Order in GEN Docket No. 90-314, 9 FCC Rcd 1337 (1994). If the Commission grants licenses to the three pioneer's preference grantees, three fewer licenses will be awarded through competitive bidding.

conducting the auction and the values of licenses are interdependent. See Second Report and Order at ¶ 106-111. We believe the former condition is met here because other government agencies project that the broadband PCS licenses will be auctioned for as much as \$10.6 billion. See id. at ¶ 177. The latter condition is also satisfied because the record demonstrates, for example, that a license for the Philadelphia MTA or the Richmond MTA will likely be valued more highly if it is held in conjunction with the license for the Washington-Baltimore MTA. We are adopting a variety of rules governing bid increments and bidding activity to move the auctions toward completion in a reasonable period of time. We are also retaining the ability to use other approaches, including sequential auctions for the licenses, and to make other adjustments to the auction process as necessary.

9. As mentioned above, we establish by this Order a number of rules to implement Congress's mandate in Section 309(j)(4)(D) that we ensure that designated entities are "given the opportunity to participate in the provision of spectrum-based services" such as broadband PCS. To accomplish this objective, Congress directed us to "consider the use of tax certificates, bidding preferences, and other procedures." 47 U.S.C. § 309(j)(4)(D). We construe this congressional directive as a mandate that we take the steps that are necessary to ensure that designated entities have a realistic opportunity to obtain broadband PCS licenses. We apply that mandate in light of Metro Broadcasting, Inc. v. FCC, 497 U.S. 547, 564-565 (1990), which held that "benign race-conscious measures mandated by Congress . . . are constitutionally permissible to the extent that they serve important governmental objectives within the power of Congress and are substantially related to achievement of those objectives." The rules we adopt also further Congress's objectives, set forth in Section 309(j)(3)(B), of "promoting economic opportunity and competition and ensuring that new and innovative technologies are readily accessible to the American people by avoiding excessive concentration of licenses and by disseminating licenses among a wide variety of applicants, including small business, rural telephone companies, and businesses owned by members of minority groups and women." Each of the steps adopted here is directly related to carrying out Congress's stated objective of promoting economic opportunity by disseminating broadband PCS licenses to a wide variety of applicants, including designated entities.

10. The record clearly demonstrates that the primary impediment to participation by designated entities is lack of access to capital. This impediment arises for small businesses from the higher costs they face in raising capital and for businesses owned by minorities and women from lending discrimination as well. In this regard, it should be noted that although auctions have many beneficial aspects, they threaten to erect another barrier to participation by small businesses and businesses owned by minorities and women by raising the cost of entry into spectrum-based services.

11. Congress has recognized that "small business concerns, which represent higher degrees of risk in financial markets than do large businesses, are experiencing increased

difficulties in obtaining credit."⁵ Congress further found that women and minorities face particularly severe problems in raising capital.⁶ A study of mortgage lending conducted by the Federal Reserve Bank of Boston in 1992 illustrates how those problems arise. That study showed that in cases in which lenders exercised discretion in deciding whether to make a loan to a borrower who presented some problems (which includes most mortgage applicants), that discretion tended to be exercised in favor of whites. As a result, a minority applicant for a mortgage who was identical in all pertinent respects to a white applicant nevertheless was 60 percent more likely to be denied a mortgage loan.⁷ At the same time, discrimination was difficult to show in any particular case, although it emerged clearly when data concerning hundreds of mortgage applications were reviewed.

12. The first measure we adopt to fulfill Congress's mandate that we ensure that designated entities have the opportunity to participate in providing broadband PCS is to reserve the 30 MHz licenses on block C and the 10 MHz licenses on block F, both of which are to be licensed in each of the 493 BTAs, for bidding by entities with annual gross revenues of less than \$125 million and total assets of less than \$500 million. These limits will exclude many large telecommunications companies from bidding on these two blocks. We will not allow one entity to obtain more than 10 percent (i.e., 98) of the licenses on these two blocks. By excluding large companies from bidding in these two blocks and by limiting the total number of licenses that one entity can obtain in these blocks we create numerous opportunities for smaller entities to become PCS providers and thereby ensure that broadband PCS licenses will be disseminated "among a wide variety of applicants," as required by Section 309(j)(3)(B).

13. Reserving blocks C and F for bidding by relatively small companies will not, by itself, be sufficient to ensure that small businesses and businesses owned by members of minority groups and women have the opportunity to obtain broadband PCS licenses. Under the definition we apply for purposes of this Order, "small businesses" are those with gross revenues not exceeding \$40 million, and those businesses will be at a disadvantage in competing against companies with gross revenues of as much as \$125 million. In addition, businesses owned by members of minority groups and women face discrimination that poses additional obstacles for these firms. Accordingly, we take five related steps within the entrepreneurs' blocks to assist designated entities in attracting the capital necessary to obtain a broadband PCS license.

⁵ Small Business Credit and Business Opportunity Enhancement Act of 1992, Section 331(a)(3), Pub. L. 102-366, Sept. 4, 1992.

⁶ *Id.* Sections 112(4) and 331(a)(4).

⁷ Mortgage Lending in Boston: Interpreting HMDA Data, Federal Reserve Bank of Boston, Working Paper 92-7 (October 1992).

14. First, we will structure our attribution rules to allow those extremely large companies that may not bid on blocks C and F to invest in entities that bid on those blocks. More specifically, we will allow the relatively small companies eligible to bid in these blocks to obtain investment representing up to 75 percent of their passive equity from larger companies so long as each investor holds no more than a 25 percent passive equity interest. In addition, eligible businesses owned by minorities and women may choose to have a single investor, no matter how large, hold a passive equity interest up to 49.9 percent. These rules, and others that we establish in this Order, are designed to enhance access to capital by businesses owned by minorities and women.

15. Second, to encourage large companies to invest in designated entities and to assist designated entities without large investors to overcome the additional hurdle presented by auctions, we will make bidding credits available to designated entities. More specifically, small businesses will receive a 10 percent bidding credit (or a 10 percent discount on their winning bids). Businesses owned by minorities and women will receive a 15 percent bidding credit to compensate for the substantial problems they face in attracting capital. The credits will be cumulative, so that a business owned by minorities or women that also qualifies as a small business will receive a 25 percent bidding credit. Under these rules, it still will be more expensive for designated entities to participate in the provision of spectrum-based services than it was before Congress granted us authority to hold auctions, because they will have to purchase licenses. But by adopting bidding credits, which are explicitly authorized by Section 309(j)(4)(D), the Commission seeks to promote economic opportunity and to counterbalance the tendency of auctions to concentrate license ownership in the hands of several very large companies.

16. Third, we will allow most successful bidders within the entrepreneurs' blocks to pay for their licenses in installments for generally the same reasons -- encouraging large companies to invest in designated entities, promoting economic opportunity by assisting designated entities in overcoming the additional hurdle presented by auctions, and ensuring that licenses are disseminated widely. In general, successful bidders will be permitted to defer payments of principal on their debt to the government for some period. Small businesses and businesses owned by minorities and women will be permitted to defer payments of principal for a longer period than other successful bidders in these blocks. Finally, businesses owned by minorities and women will be charged a lower interest rate.

17. Fourth, we will extend our tax certificate policies to promote participation by minorities and women in the provision of broadband PCS. The holder of a tax certificate is permitted to defer payment of the capital gains tax that would otherwise be recognized upon the sale of an investment. Our extension of the tax certificate policy to broadband PCS will promote involvement by minorities and women in spectrum-based services in three ways. First, initial investors in such businesses will be eligible for tax certificates upon the sale of their investments. We expect that the availability of such favorable tax treatment will enable minority and woman-owned businesses to attract investors more easily. Second, holders of broadband PCS licenses will be able to obtain tax certificates upon the sale of the business to

a company controlled by minorities and women. Third, a cellular operator that sells its interest in an overlapping cellular system to a minority or woman-owned business to come into compliance with our PCS/cellular cross-ownership rule will be eligible for a tax certificate. Both the second and third policy will further Congress's objective of ensuring that spectrum licenses are disseminated widely and, in particular, to designated entities.

18. Finally, we will reduce the upfront payment for all bidders in the entrepreneurs' block. Bidders in the other blocks will pay \$0.02 per MHz per pop while winners in the entrepreneurs' blocks will receive a 25 percent discount and pay only \$0.015 per MHz per pop as a pre-auction payment.

19. Congress was also concerned that rural areas not go unserved by PCS, and therefore directed us to ensure participation in auctions for spectrum-based services by rural telephone companies who have a history of service to rural areas and an established infrastructure on which to build a PCS business effectively. Thus, we establish partitioning rules in this Order that will allow them to use their existing wireline network to efficiently and expeditiously provide PCS in rural areas. In addition, most rural telephone companies will qualify to bid on the entrepreneurs' blocks, and hence will be eligible for installment payments. Those rural telephone companies that qualify as small or minority or women-owned businesses will also be able to take advantage of the applicable bidding credits.

20. The rules that we adopt today are designed to ensure that only bona fide designated entities qualify for the special provisions established to ensure their participation in broadband PCS. The rules are designed to enable designated entities to attract passive equity from non-designated entities, provided that designated entities maintain control and a substantial equity stake in the ventures at all times. The Commission will not tolerate "fronts" that are controlled by supposedly passive investors, and we will be vigilant in preventing abuse of the designated entity provisions. Our rules are also designed to prevent designated entities from assigning licenses obtained through the use of these special measures or who otherwise lose their designated entity status before the end of a required five-year holding period.

21. The following sections of this Fifth Report and Order discuss in detail the actions we have outlined above.

III. AUCTIONABILITY OF BROADBAND PCS

22. Section 309(j)(1) of the Communications Act, as amended, 47 U.S.C. § 309(j)(1), permits auctions only where mutually exclusive applications for initial licenses or construction permits are accepted for filing by the Commission and where the principal use of the spectrum will involve or is reasonably likely to involve the receipt by the licensee of compensation from subscribers in return for enabling those subscribers to receive or transmit communications signals. In the Second Report and Order, we concluded that PCS as a class

of service would satisfy the Section 309(j)(1) criteria for auctionability. See Second Report and Order at ¶¶ 54-58. Specifically, based on the record in this proceeding and in GEN Docket No. 90-314, we concluded that the principal use of broadband PCS spectrum satisfied these auction criteria Id. at ¶ 56. Thus, if mutually exclusive applications for a broadband PCS license are accepted for filing, we will award that license through competitive bidding.⁸

23. As noted above, we concluded in the Second Report and Order that the criteria in Section 309(j)(3) will be satisfied by competitive bidding for broadband PCS licenses, and thus that broadband PCS should be subject to our competitive bidding procedures. We determined that the use of competitive bidding to award broadband PCS licenses, as compared with other licensing methods, will speed the development and deployment of new services to the public with minimal administrative or judicial delay, and will encourage efficient use of the spectrum as required by Section 309(j)(3)(A) and (D). We also concluded that competitive bidding would recover for the public a portion of the value of the spectrum, as envisioned in Section 309(j)(3)(C). Id. Finally, in accordance with Section 309(j)(3)(B), we adopted a set of open competitive bidding procedures and a menu of special provisions designed to increase opportunities for designated entities who might otherwise face entry barriers. Our views on this matter remain unchanged since adoption of the Second Report and Order. We therefore affirm in this Order the use of competitive bidding procedures to award broadband PCS licenses.

IV. COMPETITIVE BIDDING DESIGN

A. General Competitive Bidding Rules

24. The Second Report and Order established the criteria to be used in selecting which auction design method to use for each particular auctionable service. Generally, we concluded that awarding licenses to those parties who value them most highly will foster Congress's policy objectives. In this regard, we noted that since a bidder's ability to introduce valuable new services and to deploy them quickly, intensively, and efficiently

⁸ In the Second Report and Order, we addressed the only commenter who argued that the Commission should not find that the principal use of PCS is likely to be for the provision of service to subscribers for compensation. See Second Report and Order at ¶¶ 55-56. The Commission rejected the argument of Millin Publications, a publisher of specialized information services that intends to utilize PCS frequencies on a non-subscription basis, that the Commission should refrain from making the principal use finding because PCS does not yet exist. We concluded that the overwhelming weight of the comments in this proceeding, as well as our experience with the PCS experiments that we have licensed, reflect that licensed PCS spectrum is likely to be used principally for the provision of service to subscribers for compensation. See id. at ¶ 56. We find no basis in the record to depart from this conclusion.

increases the value of a license to that bidder, an auction design that awards licenses to those bidders with the highest willingness to pay tends to promote the development and rapid deployment of new services and the efficient and intensive use of the spectrum. In articulating our auction design principles we further stated that: (1) licenses with strong value interdependencies should be auctioned simultaneously; (2) multiple round auctions, by providing bidders with information regarding other bidders' valuations of licenses, generally will yield more efficient allocations of licenses and higher revenues, especially where there is substantial uncertainty as to value; and (3) because they are relatively expensive to implement and time-consuming, simultaneous and/or multiple round auctions become less cost-effective as the value of licenses decreases. See Second Report and Order at ¶ 69.

25. Based on the foregoing, we concluded that where the licenses to be auctioned are interdependent and their value is expected to be high, simultaneous multiple round auctions would best achieve the Commission's goals for competitive bidding. See Second Report and Order at ¶¶ 109-111. We indicated that compared with other bidding mechanisms, simultaneous multiple round bidding will generate the most information about license values during the course of the auction and provide bidders with the most flexibility to pursue back-up strategies. Thus, we concluded that simultaneous multiple round bidding is most likely to award interdependent licenses to the bidders who value them the most. We also indicated that this method will facilitate efficient aggregation of licenses across spectrum bands, thereby resulting in vigorous competition among several strong service providers who will be able rapidly to introduce a wide variety of services highly valued by end users. Second Report and Order at ¶ 106. In addition, we concluded that because of the superior information and flexibility it provides, this method is likely to yield greater revenues than other auction designs. Thus, we found that the use of simultaneous multiple round auctions would generally be preferred. Id.

26. However, because simultaneous multiple round bidding is likely to be more administratively complex and costly both for bidders and for the FCC than sequential or single round bidding, we indicated that we would use this auction design only where license values are interdependent and the expected value of the licenses to be auctioned is high relative to the costs of conducting a simultaneous multiple round auction. See Second Report and Order at ¶¶ 110-111.

B. Competitive Bidding Design for Broadband PCS Licenses

27. In the Second Report and Order we considered several auction methods including simultaneous multiple round bidding, sequential bidding, and combinatorial bidding. We discuss each of these below. We have chosen to adopt simultaneous multiple round auctions as our auction methodology for broadband PCS licenses. We believe that for broadband licenses this method will best meet Congress's goals in authorizing competitive bidding in Section 309(j) of the Communications Act.

1. Simultaneous Multiple Round Auctions

28. There is considerable support in the record for the use of simultaneous multiple round auctions, in which two or more licenses are put up for bid at the same time, and there are multiple bidding rounds in which bidders have the opportunity to top the high bids from the previous round. Several comments and studies in the record by academic auction experts advocate simultaneous multiple round bidding for broadband PCS. See comments of PacTel Corporation, Attachment of R. Preston McAfee; comments of Pacific Bell and Nevada Bell, Attachment of Paul R. Milgrom and Robert B. Wilson; comments of NYNEX, Attachment by Robert G. Harris and Michael L. Katz. NTIA also recommends simultaneous multiple round bidding.⁹ Comments of NTIA at 14-16. Other experts recommend using some combination of sequential and simultaneous bidding. See comments of Bell Atlantic Personal Communications, Inc., Attachment by Barry Nalebuff and Jeremy Bulow; and comments of Telephone and Data Systems, Attachment by Robert J. Weber. Some commenters who originally expressed no opinion on the issue or supported other methods in their comments supported proposals for simultaneous bidding in their reply comments. See reply comments of AT&T, GTE Service Corp. and Community Service Telephone Co.

29. The analysis in the Second Report and Order also supports simultaneous multiple round bidding for broadband PCS auctions. We concluded that multiple round bidding is generally superior to single round bidding, and that when licenses are interdependent, simultaneous bidding is generally superior to sequential bidding. As we noted in the Second Report and Order, multiple-round auctions have the advantage over single-round auctions insofar as they provide more information to bidders about the value that other bidders place on licenses, increasing the likelihood that the licenses are acquired by those who value them most highly and increasing the revenue likely to be gained from the auction. Multiple-round auctions are also more likely to be perceived as open and fair. The disadvantage of multiple round auctions is that they have higher administrative costs than single round auctions. Second Report and Order at ¶¶ 82-85.

30. As noted in the Second Report and Order, simultaneous auctions are more likely than sequential auctions to award interdependent licenses efficiently because they provide more information about the value of interdependent licenses and allow the use of that information because all licenses remain available throughout the bidding process. Simultaneous auctions are also likely to raise more revenue than sequential auctions for two reasons. First, they increase the value of the licenses by facilitating efficient aggregation. Second, because they provide more information about the value of interdependent licenses they reduce the propensity of sophisticated bidders to bid cautiously in order to avoid the "winner's curse" -- the tendency for the winner to be the bidder who most overestimates the value of the item up for bid. Simultaneous auctions also eliminate the need to choose the order in which licenses will be auctioned. The advantage offered by simultaneous auctions depends on how much interdependence exists among licenses. Second Report and Order at ¶¶

⁹ NTIA also supports all-or-nothing bids on groups of licenses, i.e., combinatorial bidding, in conjunction with simultaneous multiple round bidding.

89-94. The disadvantages of simultaneous multiple round auctions appear to be that they may be difficult to implement and there is little experience in their use. Second Report and Order at ¶ 95.

31. We agree with commenters who support simultaneous multiple round bidding for awarding broadband PCS licenses. Estimates of total PCS revenues by the Office of Management and Budget and the Congressional Budget Office indicate that the value of broadband PCS licenses will likely be sufficiently high to warrant the use of simultaneous auctions.¹⁰ We further believe that the values of most broadband PCS licenses will be significantly interdependent because of the desirability of aggregation across spectrum blocks and geographic regions and because there is a high degree of substitutability among licenses with the same amount of spectrum and covering the same geographic area. See Second Report and Order at ¶¶ 90-91. Compared with other bidding mechanisms, simultaneous multiple round bidding generates the most information about license values during the course of the auction and provides bidders with the most flexibility to pursue back-up strategies, and is therefore most likely to award licenses to the bidders who value them the most. Simultaneous multiple round auctions will also facilitate efficient aggregation across spectrum bands, where permitted, thereby enhancing competition among wireless products and services.

32. We recognize, however, that simultaneous multiple round bidding may involve a greater degree of complexity than other competitive bidding methods, and that it may present greater operational difficulties both for the FCC and for bidders, especially where many bidders are expected to participate. Therefore, we will use a sequence of simultaneous auctions. Licenses that are highly interdependent will be grouped together and auctioned simultaneously.

2. Sequential Auctions

33. In a pure sequential auction, whether oral or electronic, licenses are put up for bid one at a time, so that bidding ends on one item before it begins on the next item. Sequential multiple round oral or electronic auctions generate valuable information about earlier auctioned licenses, which can assist bidders in valuing later auctioned licenses. If license values are interdependent, however, sequential oral or electronic auctions are less likely than simultaneous auctions to award interdependent licenses to the parties who value them most highly and to result in the efficient aggregation of licenses, because bidders for licenses that are auctioned early must bid with less information about the value of licenses to be auctioned

¹⁰ A study by the Congressional Budget Office estimated that an auction for PCS licenses on two 25 MHz nationwide blocks of spectrum could raise \$1.3 billion to \$5.7 billion in revenues. Congressional Budget Office, *Auctioning Radio Spectrum Licenses*, at 23 (March 1992). The Office of Management and Budget estimated that auctioning broadband PCS licenses would generate \$12.6 billion in revenues. *Budget of the United States Government, Analytical Perspectives, Fiscal Year 1995*, at 220 (February 1994).

later, and they will have less opportunity to pursue backup bidding strategies. For these reasons, we conclude that sequential multiple round auctions are less preferred in the award of broadband PCS licenses than simultaneous multiple round auctions. Nevertheless, if, as a result of our auction experience, we determine that the operational costs or complexities associated with simultaneous multiple round auctions outweigh their benefits, we may decide instead to employ pure sequential oral or electronic (multiple round) auctions or a sequence of single combined oral auctions in which bidding is combined for all licenses in a given band with the same bandwidth and the same geographic service area. If such a change becomes necessary, the auction method will be announced by Public Notice before each auction.

34. If we should decide in the future to use sequential oral or sequential electronic bidding for relatively homogeneous licenses, we will employ a single combined auction design. Under this approach, the Commission will combine bidding for all licenses in the same band with the same amount of spectrum and same geographic service area.¹¹ Licenses will be awarded market by market to the highest bidders until all the available licenses are exhausted, e.g., two relatively homogeneous licenses would be awarded to the two highest bidders. Because broadband PCS licenses may not be perfectly homogeneous (i.e., bidders may prefer one frequency over another within the same geographic region for purposes of efficient aggregation), winning bidders will be given the opportunity to choose among licenses for which bidding is combined in descending order of their bid amounts (i.e., the highest bidder will pick first).

3. Combinatorial Bidding

35. In general terms, combinatorial bidding allows bidders to bid for multiple licenses as all-or-nothing packages.¹² Combinatorial bidding can be implemented with either simultaneous or sequential auction designs. Although we recognized in the Second Report and Order that there may be significant benefits associated with combinatorial bidding, especially in terms of efficient aggregation of licenses, we concluded that simultaneous multiple round auctions offer many of the same advantages without the same degree of

¹¹ This approach was proposed by Bell Atlantic. See comments of Bell Atlantic Personal Communications Inc., Attachment by Barry Nalebuff and Jeremy Bulow at 4-5. Single combined auctions are used by the U.S. Department of the Treasury to sell U.S. securities.

¹² In combinatorial bidding, if a bid for a group of licenses exceeds the sum of the highest bids for the individual licenses that comprise the package, then the package bid would win. In the Second Report and Order we also indicated that if we were to utilize combinatorial bidding we might institute a premium so that the combinatorial bid would win only if it exceeded the sum of the bids for individual licenses by a set amount. See Second Report and Order at ¶ 114. NTIA is the main advocate of combinatorial bidding. See comments of NTIA, and ex parte submission of NTIA in PP Docket No. 93-253, February 28, 1994.

administrative and operational complexity and without biasing auction outcomes in favor of combination bids. See Second Report and Order at ¶¶ 101-105. On balance, we believe that the advantages of combinatorial bidding appear unlikely to outweigh the disadvantages. While broadband PCS licenses are likely to be worth more to some bidders as a part of a package, we believe that simultaneous multiple round bidding will provide these bidders with ample opportunity to express the value of interdependent licenses. Moreover, we conclude that there will not be any extreme discontinuity in value if some licenses in a package are not obtained. We believe that the opportunity to acquire licenses in post-auction transactions and the ability to withdraw bids (upon payment of the bid withdrawal penalty) will limit the risks associated with failing to acquire all of the licenses in a desired package. Nevertheless, if, based on our experience with the initial simultaneous multiple round auctions and auction experiments, we determine that such auctions do not result in efficient aggregation of licenses, and if there are significant advances in the development of combinatorial auctions, we may, by public notice prior to a specific auction, choose to use combinatorial bidding techniques in conjunction with simultaneous multiple round auctions.

C. Bidding Procedures

1. Grouping of Licenses

36. In the Second Report and Order, the Commission concluded that highly interdependent licenses should be grouped together and put up for bid at the same time in a multiple round auction. See Second Report and Order at ¶¶ 106-107. This will facilitate awarding licenses to the bidders who value them most highly because it will provide bidders information about the prices of complementary and substitutable licenses while such licenses are still up for bid. The magnitude of the benefit of auctioning a group of licenses together in a simultaneous multiple round auction increases with the degree of interdependence among the licenses. On the other hand, the Second Report and Order also noted that the cost and complexity, both for the FCC and for bidders, of auctioning a very large number of interdependent licenses simultaneously may outweigh the informational and bidding flexibility advantages. See Second Report and Order at ¶ 107. Accordingly, although we believe that all broadband PCS licenses are interdependent, we will not auction them all simultaneously. Instead, we will divide the licenses into three groups by combining those licenses that are most closely related so that there will be limited interdependence across groups. Then we will sequentially conduct a separate simultaneous multiple round auction for each group. We formed the three groups in two conceptual steps. First, we separated the "entrepreneurs'" blocks (C and F) from all other blocks.¹³ Then, we separated the large unrestricted blocks (A and B, with 30 MHz of spectrum and MTA geographic scope) from the small ones (D and E, with 10 MHz of spectrum and BTA geographic scope).

¹³ As explained in more detail below, we establish economic eligibility criteria for bidders in blocks C and F.

37. In the first auction, the 99 available MTA licenses in blocks A and B will be put up for bid. In the second auction, the 986 BTA licenses in blocks C and F will be put up for bid. And in the last auction, the 986 BTA licenses in blocks D and E will be put up for bid. As explained below, we believe that this grouping strikes a proper balance among the competing concerns of awarding licenses to the parties who value them most highly, keeping the auction process simple and manageable, minimizing administrative delay, and fostering designated entity participation.

38. Separating the entrepreneurs' blocks (C and F) from all other blocks entails little loss of efficiency because most firms are likely to be interested in licenses in either the entrepreneurs' blocks or the non-restricted blocks, but not both. Large firms cannot bid on entrepreneurs' licenses, although they may partner with firms that can. Small firms can bid on all blocks, but are likely to be most interested in the entrepreneurs' blocks because on these blocks they would not be placed in the position of bidding against large firms.

39. In addition to reducing the complexity of the auctions, auctioning block C licenses after the block A and B licenses is likely to further another objective of auction design -- fostering designated entity participation -- by enabling designated entities to more easily attract partners. Many potential partners may be unwilling to commit themselves to a partnership arrangement with designated entities prior to the auction of licenses on the A and B blocks. So, designated entities that are unable to raise independent financing for at least the required upfront and down payments may have difficulty participating in an auction in which block C is put up for bid simultaneously with blocks A and B. If, however, block C is auctioned after blocks A and B, we expect that non-designated entities who are unsuccessful in acquiring MTA licenses on blocks A and B will want to become partners with or make investments in designated entities so as to gain an interest in 30 MHz licenses on block C. In addition, the auction on blocks A and B will produce price information that would be valuable to designated entities in their business planning.

40. The efficiency loss associated with separating the large unrestricted blocks (A and B) from the small ones (D and E) depends on the degree of substitutability and complementarity between licenses in these two groups. Auctioning licenses on the D and E blocks separately from those on the A and B blocks may make it more difficult for bidders to pursue a back-up strategy of combining two 10 MHz licenses in the same geographic areas as an alternative to acquiring 30 MHz licenses in the A or B blocks. We believe, however, that this is not likely to be a widely used strategy, because the licenses are defined on a BTA basis while the licenses on the A and B blocks are defined on a MTA basis. It is also possible that some bidders may wish to combine a 10 MHz license with a 30 MHz license in the same geographic area. Although this approach would be easier to pursue if blocks A, B, D and E were auctioned together, we believe that in most cases the amount bidders would be willing to pay for a block A or B license would not be strongly affected by whether they were able to acquire a complementary block D or E license. So auctioning blocks D and E after blocks A and B would not significantly hinder combining 30 MHz and 10 MHz licenses. We conclude that the benefits of administrative simplicity from auctioning licenses on blocks A and B

separately from those on blocks D and E are likely to outweigh the possible loss of efficiency.

2. Bid Increments

41. In using simultaneous multiple round auctions to award broadband PCS licenses, it is important to specify minimum bid increments.¹⁴ The bid increment is the amount or percentage by which the bid must be raised above the previous round's high bid in order to be accepted as a valid bid in the current bidding round. The application of a minimum bid increment speeds the progress of the auction and, along with activity and stopping rules, helps to ensure that the auction comes to closure within a reasonable period of time. Establishing an appropriate minimum bid increment is especially important in a simultaneous auction with a simultaneous closing rule. In that case, all markets remain open until there is no bidding on any license, and a delay in closing one market will delay the closing of all markets.

42. Because we plan to use simultaneous multiple round auctions to award broadband PCS licenses, we believe that it is necessary to impose a minimum bid increment to ensure that the broadband PCS auctions conclude within a reasonable period of time. Commenters addressing the issue generally supported a minimum bid increment of 5 percent. PacTel, for example, argues that this amount will provide a reasonable compromise between the goal of completing the auction quickly and that of revealing information about the distribution of valuations among bidders.¹⁵ As we recognized in the Second Report and Order, it is important in establishing the amount of the minimum bid increment to express such increment as the greater of a percentage and fixed dollar amount. See Second Report and Order at ¶ 126. This will ensure a timely completion of the auction even if bidding begins at a very low dollar amount. Accordingly, we will impose a minimum bid increment of some percentage of the high bid from the previous round or a dollar amount per MHz per pop, whichever is

¹⁴ See Second Report and Order at ¶¶ 124-126. Commenters who addressed the issue supported minimum bid increments. See comments of Telephone and Data Systems, Inc. at 24; comments of PacTel Corporation, Attachment of R. Preston McAfee at 16, 18; comments of Pacific Bell and Nevada Bell, Attachment of Paul R. Milgrom and Robert B. Wilson at 19; reply comments of Telephone and Data Systems, Inc., Attachment of Robert J. Weber at 11; reply comments of PacTel Corporation, Attachment of R. Preston McAfee at 10; reply comments of Pacific Bell and Nevada Bell, Attachment of Paul Milgrom and Robert Wilson, Appendix at 8, 9.

¹⁵ See comments of PacTel, Exhibit by R. Preston McAfee, *Auction Design for Personal Communications Services* at 16. Milgrom and Wilson also recommend a minimum bid increment of 5 percent (subject to a dollar minimum and maximum) for stage I of the auction, and smaller percentages for stages II and III. Reply comments of PacBell, Attachment of Paul Milgrom and Robert Wilson, Appendix at 8, 9.

greater, in broadband PCS auctions where multiple round bidding is used.¹⁶

43. PacTel also suggests, in the context of simultaneous auctions, that the Commission should vary the bid increment, reducing it as the number of active bidders declines.¹⁷ Similarly, PacBell suggests that the bid increment depend on the stage of the auction, with a 5 percent increment in stage I, 2 percent in stage II, and 1 percent in stage III.¹⁸ This would move the auction quickly at the beginning, when prices have limited informational content and there is little benefit to either bidders or the Commission of refined price movements, while allowing bidders to express small differences in valuations as the auction nears a close, increasing both efficiency and auction revenues. Small bid increments also reduce the chances of ties. Where a tie does occur, the high bidder will be determined by the order in which the bids were received by the Commission.¹⁹

44. Accordingly, we will start the auction with large bid increments, and reduce the increments as bidding activity falls. The minimum bid increment in stage I of the auction will be 5 percent of the high bid in the previous round or \$.02 per MHz per pop, whichever is greater.²⁰ We will reduce the minimum bid increment as we move through the auction stages, with a minimum bid increment of the greater of 2 percent or \$.01 per MHz per pop in stage

¹⁶ "Pop" refers to each member of the population of the license service area and "MHz" refers to the amount of spectrum, in megahertz, that the licensee is permitted to use. For example, for a 30 MHz license with a population of 10 million, if the minimum bid increment were the greater of 5 percent or \$0.02 per MHz per pop, the minimum bid increment would be \$6 million ($\$0.02 \times 30 \text{ MHz} \times 10,000,000$) when the high bid from the previous round is less than \$120 million. If the high bid from the previous round exceeds \$120 million, the minimum bid would be 5 percent of the value of that bid (since 5 percent of a bid over \$120 million is greater than \$6 million).

¹⁷ See comments of PacTel, Exhibit by R. Preston McAfee, *Auction Design for Personal Communications Services*, at 18.

¹⁸ See reply comments of PacBell, Appendix to Exhibit by Paul Milgrom and Robert Wilson, *Auction Rules and Procedures*, at 8-9. For a discussion of auction stages in simultaneous multiple round auctions see the section on activity rules *infra*.

¹⁹ See Second Report and Order at ¶ 125.

²⁰ \$.02 per MHz per pop would represent almost 6 percent of the value of a license based on an extrapolation from the \$10.6 billion estimated value of the 120 MHz of broadband PCS spectrum to be licensed. See Second Report and Order at ¶ 177.

II, and the greater of 1 percent or \$.005 per MHz per pop in stage III.²¹ The Commission, however, retains the discretion in broadband PCS auctions to set and, by announcement before or during the auction, vary the minimum bid increments for individual licenses or groups of licenses over the course of an auction if the auction is not moving at an appropriate pace.

45. In addition, the Commission will establish a suggested minimum bid on each license. Bids below the suggested minimum bid will count as activity under the activity rule (see infra) only if no bids at or above the suggested minimum bid are received. Initial bids must be above the minimum bid increment of \$.02 per MHz per pop, but may be below the suggested minimum bid. Once a bid has been received on a license, the suggested minimum bid is no longer applicable in subsequent rounds. The amount of the suggested minimum bid may vary by market size, with a larger minimum bid in larger markets, and will be announced by public notice prior to each auction. We will establish suggested minimum bids at no less than \$.05 per MHz per pop and no more than \$.20 per MHz per pop. The suggested minimum bid provides bidders an incentive to start bidding at a substantial fraction of the final prices of licenses, thus ensuring a rapid conclusion of the auction, while still allowing for bidding on licenses whose market values are below the suggested minimum bids.²²

3. Stopping Rules for Multiple Round Auctions

46. We also noted in the Second Report and Order that with multiple round auctions a stopping rule must be established for determining when the auction is over.²³ In simultaneous

²¹ In oral or electronic sequential auctions the auctioneer may within his or her sole discretion establish and vary the amount of the minimum bid increment in each round of bidding.

²² If the Commission were to preclude bidding below a starting minimum bid, a bidder who is interested in only a single license for which the minimum bid is set above the market value would be forced to use an activity rule waiver or drop out of the auction under the activity rules adopted infra.

²³ See Second Report and Order at ¶ 127. Commenters agreed on the importance of the appropriate stopping rule. PacTel proposes that bidding on an individual license close if there are no new bids on that license within a given round, or if there are fewer than two bids greater than a "suggested minimum bid." Comments of PacTel, Attachment of R. Preston McAfee at 16-18. Pacific Bell recommends simultaneous closing of bidding on all licenses when there are no new acceptable bids on any license. Comments of PacBell, Attachment of Paul Milgrom and Robert Wilson at 19; reply comments of PacBell, Attachment of Paul Milgrom and Robert Wilson, Appendix at 5. Bell Atlantic Personal Communications, on the other hand, asserts that in simultaneous auctions, no stopping rule can prevent strategic delays. They provide no evidence for this, however, and do not discuss any closing rule in detail. In discussing the Milgrom-Wilson closing rule they fail to account for the Milgrom-Wilson activity rule, which will reduce the likelihood of delay, and the fail-safe closing mechanism

multiple round auctions, bidding may close separately on individual licenses, simultaneously on all licenses, or a hybrid approach may be used. Under an individual, license-by-license approach, bidding closes on each license after one round passes in which no new acceptable bids are submitted for that particular license. With a simultaneous stopping rule, bidding remains open on all licenses until there is no new acceptable bid on any license. This approach has the advantage of providing bidders full flexibility to bid for any license as more information becomes available during the course of the auction, but it may lead to very long auctions, unless an activity rule (see discussion infra) is imposed. A hybrid approach combines the first two stopping rules. For example, we may use a simultaneous stopping rule (along with an activity rule designed to expedite closure for licenses subject to the simultaneous stopping rule) for the higher value licenses. For lower value licenses, where the loss from eliminating some back-up strategies is less, we may use simpler license-by-license closings. In the Second Report and Order we recognized that such a hybrid approach might simplify and speed up the auction process without significantly sacrificing efficiency or expected revenue. Id.

47. For broadband PCS we believe that a simultaneous stopping rule is preferable for all MTA licenses. MTA licenses are expected to have relatively high values and are fewer in number than BTA licenses, which will reduce the complexity of implementing a simultaneous stopping rule. Since we intend to impose an activity rule (as discussed below), we believe that allowing simultaneous closing for all licenses will afford bidders flexibility to pursue back-up strategies without running the risk that bidders will hold back their bidding until the final rounds. We also intend to use a simultaneous stopping rule for BTA licenses. However, because of the large number of BTA licenses, we retain the discretion either to use a hybrid stopping rule or to allow bidding to close individually for these licenses if as we gain experience with auctions we determine that simultaneous stopping rules are too complex to implement for very large numbers of licenses. The specific stopping rule for ending bidding on BTA licenses will be announced by Public Notice prior to auction.

48. In addition, we will retain the discretion to declare at any point after 40 rounds in a simultaneous multiple round auction that the auction will end after some specified number of additional rounds.²⁴ This gives the Commission a means to prevent bidders from continuing to bid on a few low value licenses solely to delay the closing for all licenses in an auction with a simultaneous closing rule. This will also ensure that the Commission can end

proposed by Milgrom and Wilson. Reply comments of Bell Atlantic Personal Communications, Inc., Attachment of Barry J. Nalebuff and Jeremy I. Bulow at 12.

²⁴ PacBell proposed that in case of inordinate delays in the auction the Commission should have the ability to conclude the auction at any time after 40 rounds by issuing a call for final bids on the following business day for each of those licenses for which the highest bid increased in at least 1 of the preceding 3 rounds. See reply comments of PacBell, Attachment of Paul Milgrom and Robert Wilson, Appendix at 5.

the auction if it determines that the benefits from ending the auction, and hence issuing licenses more rapidly, exceeds the possible efficiency loss from cutting off bidding on a few low value licenses. If we exercise this option, we favor the use of three final rounds. Allowing more than one additional round provides some opportunity for counter-offers, thus reducing the risk that a license will not be awarded to the party that values it most highly.

49. Moreover, if this fail-safe mechanism is used, we will accept bids in the final round(s) only for licenses on which the highest bid increased in at least one of the preceding three rounds. No new bids will be accepted for other licenses.²⁵ There are two reasons not to take bids on licenses on which there has been no recent bidding. First, the fact that bidding on an individual license may close will provide an additional incentive to bid actively and thus speed the conclusion of the auction. If bids are accepted on all licenses in the final round(s) there is less cost to a bidder in holding back. Second, closing bidding on licenses for which activity has ceased ensures high bidders for those licenses that they will not lose a license without having an opportunity to make a counter-offer.²⁶ This reduces the uncertainty associated with aggregating licenses that are worth more as a package than individually. If final bids are accepted on all licenses, a high bidder on an aggregation of licenses may unexpectedly lose a critical part of the aggregation and have no chance to regain it except in the post-auction market, where bargaining or other transaction costs may be high.

4. Duration of Bidding Rounds

50. In simultaneous multiple round auctions for large numbers of interdependent high-value licenses, bidders may need a significant amount of time to evaluate back-up strategies and consult with their principals. For this reason, PacBell proposes one bidding round per day and PacTel proposes three business days per bidding round for broadband PCS.²⁷ We will provide bidders with a single business day to submit bids, and conduct one round of bidding each business day.²⁸ However, we reserve the discretion to vary, by public notice or

²⁵ See reply comments of PacBell, Appendix to attachment by Milgrom and Wilson at 5. See also Second Report and Order at ¶ 130, n. 106.

²⁶ Either the auction will close only when bidding ceases on all licenses, so the high bidder will have an opportunity to respond to any new bids, or the Commission will call for final bids but not accept new bids on licenses on which there have been no new bids in the previous three rounds, so no other bidder will have the opportunity to outbid the high bidder in a final round.

²⁷ Comments of PacBell, Attachment by Milgrom and Wilson at 19; comments of PacTel, Attachment by McAfee at 16.

²⁸ With one round per day, the auction may take weeks to complete. This should not impose an excessive burden on bidders, however, because bids may be submitted by telephone or by a computer connected to a telephone line, so bidders need not have a representative in

announcement, the duration of bidding rounds or the interval at which bids are accepted (e.g., run two or more rounds per day rather than one), in order to move the auction toward closure more quickly. We are more likely to conduct more than one round per day early in an auction than towards the end of an auction. At early stages of an auction prices will be low and contain relatively little information, so bidders will need less time to deliberate. It is in the final stages of an auction, when the consequences of bidding decisions are greatest, that bidders need the most time to deliberate. We will indicate either by Public Notice prior to an auction, or by announcement during an auction any changes to the duration of and intervals between bidding rounds.

5. Activity Rules

51. As discussed above, in order to ensure that simultaneous auctions with simultaneous stopping rules close within a reasonable period of time and to increase the information conveyed by bid prices during the auction, we believe that it is necessary to impose an activity rule to prevent bidders from waiting until the end of the auction before participating. Because simultaneous stopping rules generally keep all licenses open for bidding as long as anyone wishes to bid, they also create an incentive for bidders to hold back until prices approach equilibrium before making a bid. As noted above, this could lead to very long auctions. Delaying serious bidding until late in the auction also reduces the information content of prices during the course of an auction. Without an activity rule, bidders cannot know whether a low level of bidding on a license means that the license price is near its final level or if instead many serious bidders are holding back and may bid up the price later in the auction.²⁹ An activity rule is less important when licenses close one-by-one because failure to participate in any given round may result in losing the opportunity to bid at all, if that round turns out to be the last.

52. In the Second Report and Order we adopted the Milgrom-Wilson activity rule as our preferred activity rule where a simultaneous stopping rule is used. See Second Report and Order at ¶¶ 144-145. The Milgrom-Wilson approach encourages bidders to participate in early rounds by limiting their maximum participation to some multiple of their minimum participation level. Bidders are required to declare their maximum eligibility in terms of MHz-pops, and make an upfront payment equal to \$0.02 per MHz-pop.³⁰ (See discussion of upfront payments infra.) That is, in each round bidders will be limited to bidding on licenses encompassing no more than the number of MHz-pops covered by their upfront payment. Licenses on which a bidder is the high bidder from the previous round count against this

Washington throughout the auction.

²⁹ See ex parte presentation by Paul Milgrom on behalf of PacBell, June 21, 1994.

³⁰ The number of "MHz-pops" is calculated by multiplying the population of the license service area by the amount of spectrum authorized by the license. We use the terms "per MHz-pop" and "per MHz per pop" interchangeably.

bidding limit. Under this approach, bidders will have the flexibility to shift their bids among any licenses for which they have applied so long as, within each round, the total MHz-pops encompassed by those licenses does not exceed the total number of MHz-pops on which they are eligible to bid. Bidders will be able to secure the option to participate at whatever maximum level they deem appropriate by making a sufficient upfront payment. To preserve their maximum eligibility, however, bidders will be required to maintain activity during each round of the auction. A bidder is considered active on a license in the current round if the bidder has submitted an acceptable bid for that license in the current round, or has the high bid for that license from the previous round, in which case, the bidder does not need to bid on that license in the current round to be considered active on that license.

53. Under the Milgrom-Wilson proposal, the minimum activity level, measured as a fraction of the bidder's eligibility in the current round, will increase during the course of the auction.³¹ Milgrom and Wilson divide the auction into three stages. During the first stage of the auction, a bidder is required to be active on licenses encompassing one-third of the MHz-pops for which it is eligible. The "penalty" for falling below that activity level is a reduction in eligibility. At this stage, bidders will lose three MHz-pops in eligibility for each MHz-pop below the minimum required activity level.³² In the second stage, bidders are required to be active on two-thirds of the MHz-pops for which they are eligible. The penalty for falling below that activity level is a loss of 1.5 MHz-pops in eligibility for each MHz-pop below the minimum required activity level. In the third stage, bidders are required to be active on licenses encompassing all of the MHz-pops for which they are eligible. The penalty for falling below that activity level is a loss of one MHz-pop in eligibility for each MHz-pop below the minimum required activity level. Thus in the final stage, each bidder retains eligibility (for the next round) equal to the MHz-pops for which it is an active bidder in the current round.

54. The auction will start in stage I and move from stage I to stage II when, in each of three consecutive rounds of bidding, the high bid has increased on 10 percent or less of the spectrum (measured in terms of MHz-pops) being auctioned.³³ The auction will move from

³¹ Absent waivers (discussed *infra*), a bidder's eligibility (in terms of MHz-pops) in the current round is determined by the bidder's activity level and eligibility in the previous round. In the first round, however, eligibility is determined by the bidder's upfront payment and is equal to the upfront payment divided by \$.02 per MHz-pop.

³² An alternative way to state the rule for determining eligibility in stage I of an auction is that each bidder will be eligible to bid in the next round on three times the MHz-pops for which it is an active bidder in the current round, or the MHz-pops for which it is eligible in the current round, whichever is less.

³³ The transition rule may also be defined in terms of the "auction activity level" -- the sum of the MHz-pops of those licenses whose highest bid increased in the current round, as a percentage of the total MHz-pops of all licenses in that auction. (Note that this definition

stage II to stage III when the high bid has increased on 5 percent or less of the spectrum being auctioned (measured in terms of MHz-pops), in each of three consecutive rounds of bidding in stage II.³⁴ In order to speed up an auction, the Commission may also announce, at any time after the initial 15 rounds, that the next stage of the auction (with a higher minimum participation level) will begin in the next bidding round.³⁵ Moreover, if as the Commission gains experience with auctions that use activity rules it determines that such auctions tend to move too slowly, it may, by public notice prior to a specific auction, increase the activity levels at which that auction moves between stages. Conversely, if the Commission determines that auctions tend to move too quickly, depriving bidders of sufficient time to deliberate and pursue back-up strategies, it may decrease the activity levels at which an auction moves between stages.

55. Finally, to avoid the consequences of clerical errors and to compensate for unusual circumstances that might delay a bidder's bid preparation or submission on a particular day, Milgrom and Wilson recommend permitting each bidder to request and automatically receive a waiver of the activity rule once every three rounds. We believe that some waiver procedure is a critical element of the Milgrom-Wilson activity rule, since the Commission would not wish to reduce a bidder's eligibility due to an accidental act or circumstances not under the bidder's control.

56. We believe that the Milgrom-Wilson approach will best achieve the Commission's

differs slightly from that used by Milgrom and Wilson. See reply comments by PacBell, Appendix to attachment by Milgrom and Wilson at 1.) The auction moves from stage I to stage II when the auction activity level is less than or equal to 10 percent for three consecutive rounds in stage I. The auction moves from stage II to stage III when the auction activity level is less than or equal to 5 percent for three consecutive rounds in stage II. For example, if two nationwide 30 MHz blocks of spectrum are put up for bid and the national population is approximately 250 million, a total of approximately 15,000 million MHz-pops would be available in the auction. If in stage I of the auction, the high bid increases on licenses encompassing less than 1,500 million MHz-pops for three consecutive rounds, the auction moves to stage II. This would be the case, for example, if in three consecutive rounds new bids were received on only a license for the New York MTA (26 million pops) and a license for the Los Angeles MTA (19 million pops), since the two licenses encompass a total of 1,350 million MHz-pops. Once in stage II, if in each of three consecutive rounds new acceptable bids are received on licenses encompassing less than 750 million MHz-pops, the auction would move to stage III.

³⁴ Once an auction is in stage II, it cannot revert to stage I. Once an auction is in stage III, it remains there.

³⁵ Moving to stage II prematurely might result in an auction moving too quickly to allow adequate time for consideration and may excessively limit the ability of bidders to pursue alternative backup strategies. See Second Report and Order at ¶ 142.

goals of affording bidders flexibility to pursue backup strategies, while at the same time ensuring that simultaneous auctions are concluded within a reasonable period of time. Accordingly, we plan to impose such an activity rule in conjunction with a simultaneous stopping rule to award higher value broadband PCS licenses. We intend, however, to use a simpler waiver procedure than that proposed by Milgrom and Wilson. We will permit bidders one automatic waiver from the activity rule during each stage of an auction. A waiver will permit a bidder to maintain its eligibility at the same level as in the round for which the waiver is submitted.³⁶ A waiver may be submitted either in the round in which bidding falls below the minimum required level to maintain (for the next round) the same eligibility as in that round, or prior to submitting a bid in the next round. If an activity rule waiver is entered in a round in which no other bidding activity occurs, the auction will remain open.³⁷ However, an activity rule waiver entered after a round in which no other bidding activity occurs will not reopen the auction. If, as we gain both experimental and actual auction experience, we determine that permitting one automatic waiver per auction stage is insufficient to prevent the inadvertent reduction in eligibility of serious bidders, we may, by public notice prior to a specific broadband auction, increase the number of automatic activity rule waivers, or instead allow one automatic waiver during a specified number of bidding rounds.

57. Furthermore, if, as we gain experience with auctions, we determine that the Milgrom-Wilson three stage activity rule is too complicated or costly to administer, we may alternatively impose a less complex activity rule. See Second Report and Order at ¶ 144. We will announce by Public Notice before each auction the activity rule that will be employed in that particular auction.

³⁶ An activity rule waiver cannot be used to correct an error in the amount bid.

³⁷ If, however, we determine, based on evidence from experimental and actual auctions, that this is likely to excessively delay the close of an auction or result in other adverse strategic manipulation of an auction, we may announce by public notice prior to a specific broadband auction that submission of a waiver will not keep an auction open under any circumstances.

V. PROCEDURAL, PAYMENT AND PENALTY ISSUES

A. Pre-Auction Application Procedures

58. In the Second Report and Order, the Commission established general competitive bidding rules and procedures which we noted may be modified on a service-specific basis. See 47 C.F.R. Part 1, subpart Q. As discussed below, we will generally follow the procedural, payment and penalty rules established in the Second Report and Order with certain minor modifications designed to address the particular characteristics of the broadband PCS service. These rules are structured to ensure that bidders and licensees are qualified and will be able to construct systems quickly and offer service to the public. By ensuring that bidders and license winners are serious, qualified applicants, these rules will minimize the need to re-auction licenses and prevent delays in the provision of broadband PCS service to the public. In addition, as we proposed in the Notice at ¶ 129, we adopt general procedural and processing rules based on Part 22 of the Commission's Rules.

59. Section 309(j)(5) provides that no party may participate in an auction "unless such bidder submits such information and assurances as the Commission may require to demonstrate that such bidder's application is acceptable for filing." 47 U.S.C. § 309(j)(5). Moreover, "[n]o license shall be granted to an applicant selected pursuant to this subsection unless the Commission determines that the applicant is qualified pursuant to [Section 309(a)] and Sections 308(b) and 310" of the Communications Act. Id. As the legislative history of Section 309(j) makes clear, the Commission may require that bidders' applications contain all information and documentation sufficient to demonstrate that the application is not in violation of Commission rules, and applications not meeting those requirements may be dismissed prior to the competitive bidding. See H.R. Rep. No. 111, 103d Cong., 1st Sess. 258 (1993) (H.R. Rep. No. 103-111).

60. In the NPRM, we proposed that all parties interested in participating in an auction for spectrum licenses would be required to file a short-form application (modeled on the Commission's "Transmittal Sheet for Cellular Applications"), and asked whether applicants should also be required to submit a long-form application prior to the auction, or whether the long-form application should be submitted subsequent to the auction. NPRM at ¶ 97. The comments generally agreed that we should require only a short-form application prior to competitive bidding, and that only winning bidders should be required to submit a long-form license application after the auction. Because we believed that such a procedure would fulfill the statutory requirements and objectives and adequately protect the public interest, we incorporated these requirements into the rules adopted in the Second Report and Order. See 47 C.F.R. §§ 1.2105 and 1.2107. We will extend the application of these rules to the competitive bidding process for broadband PCS.

61. We will be guided by the following procedures in conducting broadband PCS auctions. The Commission will release an initial Public Notice announcing that it will accept applications for specific broadband PCS licenses. This initial Public Notice will specify the