

(ii) *Overbuilds.* An incumbent LEC is not required to provide nondiscriminatory access to a fiber-to-the-home loop on an unbundled basis when the incumbent LEC has deployed such a loop parallel to, or in replacement of, an existing copper loop facility, except that:

(A) The incumbent LEC must maintain the existing copper loop connected to the particular customer premises after deploying the fiber-to-the-home loop and provide nondiscriminatory access to that copper loop on an unbundled basis unless the incumbent LEC retires the copper loop pursuant to paragraph (a)(3)(iii) of this section.

(B) An incumbent LEC that maintains the existing copper loop pursuant to paragraph (a)(3)(ii)(A) of this section need not incur any expenses to ensure that the existing copper loop remains capable of transmitting signals prior to receiving a request for access pursuant to that paragraph, in which case the incumbent LEC shall restore the copper loop to serviceable condition upon request.

(C) An incumbent LEC that retires the copper loop pursuant to paragraph (a)(3)(iii) of this section shall provide nondiscriminatory access to a 64 kilobits per second transmission path capable of voice grade service over the fiber-to-the-home loop on an unbundled basis.

(iii) *Retirement of copper loops or copper subloops.* Prior to retiring any copper loop or copper subloop that has been replaced with a fiber-to-the-home loop, an incumbent LEC must comply with:

(A) The network disclosure requirements set forth in section 251(c)(5) of the Act and in § 51.325 through § 51.335; and

(B) Any applicable state requirements.

(4) *DS1 loops.* (i) An incumbent LEC shall provide a requesting telecommunications carrier with nondiscriminatory access to a DS1 loop on an unbundled basis except where the state commission has found, through application of the competitive wholesale facilities trigger in paragraph (a)(4)(ii) of this section, that requesting telecommunications carriers are not impaired without access to a DS1 loop at a specific customer location. A DS1 loop is a digital local loop having a total digital signal speed of 1.544 megabytes per second. DS1 loops include, but are not limited to, two-wire and four-wire copper loops capable of providing high-bit rate digital subscriber line services, including T1 services.

(ii) *Competitive wholesale facilities trigger for DS1 loops.* A state

commission shall find that a requesting telecommunications carrier is not impaired without access to a DS1 loop at a specific customer location where two or more competing providers not affiliated with each other or with the incumbent LEC, including intermodal providers of service comparable in quality to that of the incumbent LEC, each satisfy the conditions in paragraphs (a)(4)(ii)(A) and (a)(4)(ii)(B) of this section:

(A) The competing provider has deployed its own DS1 facilities, and offers a DS1 loop over its own facilities on a widely available wholesale basis to other carriers desiring to serve customers at that location. For purposes of this paragraph, the competing provider's DS1 facilities may use dark fiber facilities that the competing provider has obtained on an unbundled, leased, or purchased basis if it has attached its own optronics to activate the fiber.

(B) The competing provider has access to the entire customer location, including each individual unit within that location.

(5) *DS3 loops.* Subject to the cap in paragraph (a)(5)(iii), an incumbent LEC shall provide a requesting telecommunications carrier with nondiscriminatory access to a DS3 loop on an unbundled basis except where the state commission has found, through application of either paragraph (a)(5)(i) of this section or the potential deployment analysis in paragraph (a)(5)(ii) of this section, that requesting telecommunications carriers are not impaired without access to a DS3 loop at a specific customer location. A DS3 loop is a digital local loop having a total digital signal speed of 44.736 megabytes per second.

(i) *Triggers for DS3 loops.* A state commission shall find that a requesting telecommunications carrier is not impaired without access to unbundled DS3 loops at a specific customer location where two or more competing providers not affiliated with each other or with the incumbent LEC, including intermodal providers of service comparable in quality to that of the incumbent LEC, satisfy either paragraph (a)(5)(i)(A) or paragraph (a)(5)(i)(B) of this section:

(A) *Self-provisioning trigger for DS3 loops.* To satisfy this trigger, a state commission must find that each competing provider has either deployed its own DS3 facilities at that specific customer location and is serving customers via those facilities at that location, or has deployed DS3 facilities by attaching its own optronics to activate dark fiber transmission facilities

obtained under a long-term indefeasible right of use and is serving customers via those facilities at that location.

(B) *Competitive wholesale facilities trigger for DS3 loops.* To satisfy this trigger, a state commission must find that each competing provider satisfies the conditions in paragraphs (a)(5)(i)(B)(1) and (a)(5)(i)(B)(2) of this section.

(1) The competing provider has deployed its own DS3 facilities, and offers a DS3 loop over its own facilities on a widely available wholesale basis to other competing providers seeking to serve customers at the specific customer location. For purposes of this paragraph, the competing provider's DS3 facilities may use dark fiber facilities that the competing provider has obtained on an unbundled, leased, or purchased basis if it has attached its own optronics to activate the fiber.

(2) The competing provider has access to the entire customer location, including each individual unit within that location.

(ii) *Potential deployment of DS3 loops.* Where neither trigger in paragraph (a)(5)(i) of this section is satisfied, a state commission shall consider whether other evidence shows that a requesting telecommunications carrier is not impaired without access to an unbundled DS3 loop at a specific customer location. To make this determination, a state must consider the following factors: evidence of alternative loop deployment at that location; local engineering costs of building and utilizing transmission facilities; the cost of underground or aerial laying of fiber or copper; the cost of equipment needed for transmission; installation and other necessary costs involved in setting up service; local topography such as hills and rivers; availability of reasonable access to rights-of-way; building access restrictions/costs; and availability/feasibility of similar quality/reliability alternative transmission technologies at that particular location.

(iii) *Cap on unbundled DS3 circuits.* A requesting telecommunications carrier may obtain a maximum of two unbundled DS3 loops for any single customer location where DS3 loops are available as unbundled loops.

(6) *Dark fiber loops.* An incumbent LEC shall provide a requesting telecommunications carrier with nondiscriminatory access to a dark fiber loop on an unbundled basis except where a state commission has found, through application of the self-provisioning trigger in paragraph (a)(6)(i) of this section or the potential deployment analysis in paragraph