

## **SCHEDULE 9.2.1 LOCAL LOOPS**

### **9.2.1 Local Loops.**

**9.2.1.1. Definition.** The Loop to be provided on an unbundled basis pursuant to this Agreement is defined as set forth in FCC Rule 51.319. Without limiting the foregoing it includes a transmission facility between a distribution frame (or its equivalent) in a SBC-AMERITECH Central Office and the Loop demarcation point at an End User premises. Where applicable, the local loop includes all wire within multiple dwelling and tenant buildings and campuses that provides access to End User premises wiring, provided such wire is owned and controlled (or controlled) by SBC-AMERITECH. The local loop network element includes all features, functions and capabilities of the transmission facility, including dark fiber (as set forth in **Schedule 9.2.3**), attached electronics (except those electronics used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers), and line conditioning. In addition, the local loop network element includes DS1, DS3, and fiber. To the extent required by applicable law, the local loop network element includes other high capacity loops. CLEC agrees to operate each loop type within the technical descriptions and parameters accepted within the industry. In the event SBC-AMERITECH moves existing loop facilities to new spare or otherwise maintain facilities, SBC-AMERITECH will make commercially reasonable efforts to terminate the new facility at the same Network Interface Device location, obviating the need for inside wire re-arrangements on behalf of CLEC. If SBC-AMERITECH intends to move the new Facility it will give CLEC reasonable prior notice pursuant to the written contract instructions provided by CLEC. The demarcation point is that point where SBC-AMERITECH's control of the loop facility ceases, and the subscriber's control (or, in the case of some multiunit premises, the landlord's control) of the wire begins. The demarcation point is defined by control; it is a point where SBC-AMERITECH's and a property owner's responsibilities meet. The loop shall include the use of all test access functionality including without limitation, smart jacks, for both voice and data. In this **Schedule 9.2.1** any reference to SD-1 shall mean, at CLEC's option, either DS-1 AMI or xDSL facility.

**9.2.1.2. Loop Requirements.** SBC-AMERITECH must offer unbundled access to Loops. The actual Loop transmission facilities used to provide a Loop may utilize any of several technologies.

### **9.2.1.3. Unbundled Loop Types.**

SBC-AMERITECH shall allow CLEC to access the following Loop types (in addition to those Loops available under applicable tariffs) unbundled, or in combination (as set forth in **Article IX** and **Schedule 9.3**), from local switching and transport.

9.2.1.3.1 "2-Wire Analog Voice Grade Loop" or "Analog 2W," which supports analog transmission of 300-3000 Hz, repeat loop start, loop reverse battery, or

ground start seizure and disconnect in one direction (toward the End Office Switch), and repeat ringing in the other direction (toward the Customer) and terminates in a 2-Wire interface at both the central office MDF and the customer premises. Analog 2W includes Loops sufficient for the provision of PBX trunks, pay telephone lines and electronic key system lines. Analog 2W will be provided in accordance with the specifications, interfaces, and parameters described in Technical Reference AM-TR-TMO-000122, SBC-AMERITECH Unbundled Analog Loops.

9.2.1.3.2 “4-Wire Analog Voice Grade Loop” or “Analog 4W,” which supports transmission of voice grade signals using separate transmit and receive paths and terminates in a 4-wire electrical interface at both ends. Analog 4W will be provided in accordance with the specifications, interfaces, and parameters described in Technical Reference AM-TR-TMO-000122, SBC-AMERITECH Unbundled Analog Loops.

9.2.1.3.3 “2-Wire ISDN 160 Kbps Digital Loop” or “BRI-ISDN” which supports digital transmission of two 64 Kbps bearer channels and one 16 Kbps data channel (2B+D). BRI-ISDN is a 2B+D Basic Rate Interface-Integrated Services Digital Network (BRI-ISDN) Loop which will meet national ISDN standards and conform to Technical Reference AM-TR-TMO-000123, SBC-AMERITECH Unbundled Digital Loops (including ISDN).

9.2.1.3.4 “xDSL capable Loop”. xDSL Capable Loop” is a loop that a CLEC may use to deploy xDSL technologies and is provided as set forth in **Schedule 9.2.2.**

9.2.1.3.5 “4-Wire 1.544 Mbps Digital Loop” or “1.544 Mbps Digital” is a transmission path which supports transmission of digital signals of up to a maximum binary information rate of 1.544 Mbps and terminates in a 4-Wire electrical interface at the Customer premises and on the DSX frame in SBC-AMERITECH's Central Office. 1.544 Mbps Digital will be provided in accordance with the specifications, interfaces and parameters described in AM-TR-TMO-00023.

9.2.1.3.6 DS3 Digital Loop. The DS3 loop provides a digital, 45 Mbps transmission facility from the SBC-AMERITECH Central Office to the loop demarcation point at the end user premises.

**9.2.1.4 Enhanced Extended Link.** Consistent with the limitation found in **Article IX, Section 9.1.2,** the Enhanced Extended Link (“EEL”) provides CLEC the capability to serve a customer by extending a customer’s loop from the customer’s premises to any other premises or office designated by CLEC (including without limitation any CLEC switch location or CLEC co-location space. CLEC shall not be required to co-locate to purchase an EEL. An EEL consists of, at CLEC’s option, one or more of the following: an unbundled loop, multiplexing/concentrating facility, and dedicated transport.

**9.2.1.5 Access to Unbundled Loops Currently Provided Over Digital Loop Carrier Systems (DLC).** SBC-AMERITECH shall provide CLEC access to its unbundled Loops at each of SBC-AMERITECH's Wire Centers. In addition, if CLEC requests one or more Loops serviced by an Integrated Digital Loop Carrier or Remote Switching technology deployed as a Loop concentrator, SBC-AMERITECH shall, where available either move the requested Loop(s) to a spare, existing physical Loop at no charge to CLEC or move the Loop(s) involved to a parallel universal digital Loop carrier facility. CLEC may request other options including employing equipment in the remote terminal location or in the central office that permits CLEC to service the retail customer in a non-discriminatory manner. SBC-AMERITECH shall provide such options on a Bona Fide Request ("BFR") basis as set forth in **Article II** where technically feasible. If, however, no spare physical Loop is available, SBC-AMERITECH shall notify CLEC of the lack of available facilities. CLEC may then at its discretion make a Bona Fide Request ("BFR") for SBC-AMERITECH to provide the unbundled Loop and to the extent required by law, SBC-AMERITECH may agree to provide such UNEs through the BFR process. Notwithstanding anything to the contrary in this Agreement, the provisioning intervals set forth in **Schedule 9.5** of this Agreement and the SBC-AMERITECH Network Element Performance Benchmarks set forth in **Article XXXII (Performance Measurements)** of this Agreement shall not apply to unbundled Loops provided under this **Section 9.2.1.5**.

**9.2.1.6 High Frequency Portion of the Loop.** **Schedule 9.2.2** (xDSL) of this Agreement contains the requirements associated with SBC-AMERITECH Line Sharing and access to the High Frequency Portion of a loop.

**9.2.1.7 Spectrum Management**

9.2.1.7.1 A request by CLEC for an xDSL-capable and/or an xDSL-equipped Loop will be treated in a non-discriminatory manner and provided consistent with **Schedule 9.2.2**.