

AT&T Communications of New York, Inc.  
P.S.C. No. 26 -- Telephone  
Private Line Local Channel Services  
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## SECTION 6 - TERRESTRIAL T1.5 LOCAL CHANNEL SERVICES

### 6.1 GENERAL (Cont'd)

#### 6.1.1 Description (Cont'd)

Customers (except U.S. Government Agencies and others furnishing service to U.S. Government Agencies) are required to select either D4 format or, where available, the Extended Superframe (ESF). The D4 format is described in Sections 7 and 8 of Technical Publication- PUB 62411 and ESF is described in Technical Publication PUB 54016 (see Technical Publication Information, Preface). U.S. Government Agencies may obtain Terrestrial T1.5 Local Channel Services free from any format constraints by notifying AT&T of such an election at the time service is ordered.

#### 6.1.2 Signals at the Interface - All signals generated by Customer equipment and presented to the interface must meet certain signal and format constraints. Some of these constraints are listed below. Additional details are set forth in Sections 5 through 8 of Technical Publication-PUB 62411 (see Technical Publication Information, Preface).

##### A. Signal and Format Constraints for Framed DS1 Signals

- Data Rate: 1.544Mbps +/- 75 bps.
- Consecutive Zeros: No more than 15 consecutive zeros may be generated.
- Pulse Density: At least three pulses in any 24 bit interval.
- F Bit Position: This framing constraint permits the use of every 193rd bit position for framing, error detection, signaling and the transmission of other network control information.

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