



DATA REQUEST NUMBER 32
FIBER DEPLOYMENT COMMITMENTS
From Scott Potter
PUCO STAFF

Regarding the Company's commitments to deploy a fiber optic based, distance learning network and to deploy optical fiber facilities to all hospitals, libraries, county jails, and state, county, and federal court buildings" in the Company's service territory:

1) According to the Company's response to Data Request 5c submitted, "fiber availability" as used in Attachment 23.13 of Ms. Klais' written testimony means "fiber placed from the local service office to the point of connection where the customer's loop connects to the feeder facilities" and that the Company will "provide fiber to the customer's premises when the customer's loop connects to the feeder facilities and the Company will "provide fiber to the customer's premises when the customer(s) request interactive video services"

Does this mean that the Company's commitment is to deploy fiber only as far as to the local pedestal? Additionally, does this mean that when a customer requests a service which requires fiber transport the customer will be responsible for the cost of deploying fiber from the local pedestal to the customer's premises or will the customer be responsible for the cost of deploying fiber from the curb to the customer's premises.

2) If the customer will be responsible for the cost of deploying fiber from the local pedestal to the customer premises please supply for each educational facility, hospital, library, county jail, and state, county and federal court building the location of the customer premises, the location of the local pedestal associated with each customer's premises, the distance between each customer's premises and their local pedestal, and the average cost of deploying fiber over this distance that the urban, suburban, and rural customer would bear as a component of the service.

3) If the customer will be responsible for the cost of deploying fiber from the curb to the customer's premises, please supply the average distance covered from the curb to the customer's premises and the average cost the urban, suburban, and rural customer would bear as a component of the service.

4) In response to Data Request no. 17, question 2c, the Company states that "Ameritech establishes a network interface at each school building. The network interface is usually in the interactive classroom." Does this "network interface" refer to a CODEC? If so, is the Company stating that they will supply the CODEC for each interactive classroom? If the "network interface" does not refer to the CODEC, to what does it refer?

5) In an attachment to the Company's response to Data Request no. 17, the Company submitted a sample equipment list. Does this equipment list and the total dollar amount include a CODEC? If not, what is the additional cost of a CODEC?

- 1) No. It is Ohio Bell's commitment to deploy fiber to the customer's premises. The deployment of the fiber will be completed in two parts.

Part one will be the deployment of fiber to the point of connection where the customer's loop connects to the feeder facilities and will be completed within five years of the approval of Advantage Ohio. The point of connection to the feeder is not the local pedestal or the curb. The point of connection can vary slightly depending on the exact design of the feeder route. For a typical feeder route the point of connection is usually at the Serving Area Interface (SAI) or Remote Terminal (RT).

Part two which is also part of Ohio Bell's commitment will be the deployment of fiber to the customer's premises when it is needed to provide service to the customer, i.e. customer requests interactive video service.

- 2) Not applicable, see answer to question 1.
3) Not applicable, see answer to question 1.

- 4) Basically there are two designs for video services; Analog and Digital. If the Analog design is used then there is no need for a CODEC. The network interface would then be the Modulator/Demodulator. If the customer desires a digital design then the interface would be a form of cross connect panel. A digital design requires a CODEC. Advantage Ohio does not include providing CODECs as part of the infrastructure commitment.
- 5) No. CODECs are available at a range in price from approximately \$8,000 to \$20,000.