

## CONCENTRATOR-IDENTIFIER SERVICE - SIX TRUNK CAPACITY

1. Concentrator-Identifier Service is available for telephone answering bureaus to enable incoming calls to a bureau's clients to be answered at the bureau's location without the necessity of having separate lines from each of the bureau's clients to the bureau.
2. Concentrator-Identifier Service will be furnished only in connection with cord switchboards and key equipped consoles.
3. The service consists of a concentrator unit located in the Company's central office and an identifier unit located at the telephone answering bureau with a minimum of two and a maximum of six interconnecting concentrator-identifier channels. A maximum of 100 clients' lines can be served from each concentrator-identifier unit.
4. Additional termination or direct termination of exchange service lines of the bureau's clients are terminated on the concentrator unit and incoming calls on such lines are routed via the interconnecting channels to the identifier unit for answering at the bureau. A spurt of tone is transmitted to the attendant to indicate that a talking connection has been established.
5. The service is available only for use with individual central office lines or trunks, excluding Combination Main Station Service lines.
6. The charges specified below apply where all of the bureau's clients' lines associated with the arrangement are served from the same exchange or zone. Where transmission and facility conditions permit, lines from different exchanges or zones may be associated with the service and any additional charges applicable will be determined on the basis of the facilities required.
7. Subject to standard transmission and operating limitations the service may be provided to extend incoming calls between central offices within the same exchange or zone, or in different exchanges or zones.

8. Charges	<u>USOC</u>	Nonrecurring <u>Charges</u>	Monthly <u>Rates</u>	Termination <u>Charge Base</u>
a. Concentrator-Identifier				
(1) 6 Trunk Capacity Concentrator Identifier	SNU SNV	\$234.04 93.74	\$157.27 63.00	\$2,526.51 1,263.31

(2) Initial Contract Period and Termination Charges

The initial contract period is five years at same location. If service is discontinued prior to the expiration of that period, the termination charges apply which reduce 1/60 for each month of service.

Material originally appeared in INFORMATION LINK No. 2, on Original Sheet 71

**CONCENTRATOR-IDENTIFIER SERVICE - SIX TRUNK CAPACITY (cont'd)**

## 8. Charges (cont'd)

## b. Concentrator-Identifier Connecting Channels

2 wire voice grade Direct Analog Service rates and charges (monthly and nonrecurring) as provided via unregulated Dedicated Communications Service for end users and from Part 21, Special Access, for Telecommunications Providers, are applicable for each voice channel between the concentrator and identifier. 2 wire voice grade Direct Analog Service rates and charges (monthly and nonrecurring) as provided via unregulated Dedicated Communications Service are applicable for each signal channel between the concentrator and identifier.

(C)

	USOC	Nonrecurring Charges	Monthly Rates
c. All Channel Busy Lamp (flashes when all connecting channels are in use)	STD	\$16.39	\$3.22
d. Termination of Clients' lines			

(1) Bureau's clients' exchange service line terminated directly in a concentrator unit.

## (a) Concentrator unit in the serving wire center from which service is provided:

- i. The regular monthly rate for an exchange service line applies. In addition, one Local Distribution Channel rate for a 2 wire voice grade Direct Analog Service provided via unregulated Dedicated Communications Service for end users and from Part 21, Special Access, for Telecommunications Providers, is applicable for each line associated with the concentrator unit plus a nonrecurring charge of \$42.00.

(C)

- ii. No additional Direct Analog Service rates and charges are applicable under this condition.

(C)

**CONCENTRATOR-IDENTIFIER SERVICE - SIX TRUNK CAPACITY (cont'd)**

## 8. Charges (cont'd)

## d. Termination of Clients' Lines (cont'd)

(1) Bureau's clients' exchange service line terminated directly in a concentrator unit. (cont'd)

(b) Concentrator unit in a different serving wire center (same exchange, zone, or zone Rate Area in the Detroit Zone) from that from which service is provided:

i. 2 wire voice grade Direct Analog Service charges for channel mileage, channel mileage terminations, one local distribution channel as provided via unregulated Dedicated Communications Service for end users and from Part 21, Special Access, for Telecommunications Providers, are applicable between the serving wire center in which the concentrator unit is located and the serving wire center of the Bureau's client. (C)  
(C)

(c) In (a) or (b) preceding, only the address of the Bureau where the service terminates may appear in the directory.

(2) Bureau's clients' exchange service line terminated at the clients' premises and then extended to a Concentrator:

(a) Concentrator unit in serving wire center which serves the Bureau's clients' location:

i. Regular exchange services and equipment charges (nonrecurring and monthly) are billed to the Bureau's client. One Local Distribution Channel rate for a 2 wire voice grade Direct Analog Service provided via unregulated Dedicated Communications Service for end users and from Part 21, Special Access, for Telecommunications Providers, is applicable for each line associated with the concentrator unit plus a nonrecurring charge of \$42.00 is applicable. (C)  
(C)

ii. No additional Direct Analog Service rates and charges are applicable under this condition.

(b) Concentrator unit in different serving wire center (same exchange, zone, or zone Rate Area in the Detroit Zone) from the central office serving the Bureau's client:

i. In addition to the charges in (2)(a)i. preceding, 2 wire voice grade Direct Analog Service rates and charges for Channel Mileage, Channel Mileage Terminations, one Local Distribution Channel and Signaling Capability apply as provided via unregulated Dedicated Communications Service for end users and from Part 21, Special Access, for Telecommunications Providers. (C)  
(C)

**CENTRAL OFFICE CONCENTRATOR SERVICE****A. GENERAL**

1. Central Office (C.O.) Concentrator Service is available to telephone answering bureaus who require a concentration of incoming calls on their clients' exchange lines. The service is provided through concentrators located in the Company's central offices. The concentrator permits incoming calls to a client's lines to be processed through a smaller number of trunks or channels connected to the bureau's equipment.
2. Central Office Concentrator Service, upon detecting a ringing signal to a clients' line number, immediately routes the call to the bureau for answering. A variable ring count feature, which permits changing the customer's ring count, can also be provided. Direct Inward Dialing (DID) type signaling is used to route calls from the concentrator to the bureau.

**B. REGULATIONS**

1. 2 wire voice grade Direct Analog Service rates and charges as provided via unregulated Dedicated Communications Service for end users and from Part 21, Special Access, for Telecommunications Providers, apply for each channel between the concentrator and the secretarial bureau's equipment. (C)  
(C)
2. Client line terminations on the concentrator will be billed at rates specified in the appropriate tariff.
3. Central Office Concentrator Service is designed to work with any premises equipment compatible with the Company's DID type signaling. However, the Company does not guarantee the compatibility of C.O. Concentrator Service with any particular manufacturer's equipment.

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/1/ Material now appears on 1st Revised Sheet 5 in this Section.

**CENTRAL OFFICE CONCENTRATOR SERVICE (cont'd)****C. DESCRIPTION OF SERVICE ELEMENTS**

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1. Master Concentrator - This provides for up to 256 client line terminations and 16 outgoing trunks/channels to the secretarial bureau.
2. Slave Concentrator - Must be located in the same Central Office as the host Master Concentrator. A maximum of two Slave Concentrators can be connected to the Master Concentrator.

Each Slave Concentrator provides for up to 256 additional client line terminations. When a Master Concentrator and 2 Slave Concentrators are employed, there is a capacity for 768 client line terminations and 16 outgoing trunk/channel terminations.

3. Concentrator Line Card - Provides for the connection of up to 32 client lines to the concentrator matrix switch. Eight of these cards may be connected for a single 256 line concentrator assembly. This is used in both the Master and Slave Concentrators.
4. Client Line Control - Provides capability for the concentrator to transfer control of a completed call from the secretarial bureau attendant back to the client, if the client goes off-hook.

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Variable Ring Count is also provided as a feature which allows the client's line to be answered immediately or after three or five rings; selection is also provided for no-answer. The no-answer alternative would be employed for non - 24 hours customers and would effectively deactivate service as desired. With the Variable Ring Count feature, 108 type data sets and a 300 or 1200 baud channel are required with each Master Concentrator.

/1/ Material formerly appeared on Original Sheet 4 in this Section.

## CENTRAL OFFICE CONCENTRATOR SERVICE (Cont'd)

## D. PAYMENT PLAN OPTION

1. Central Office Concentrator Service is offered under the Variable Term Payment Plan (VTPP) as specified in F. following.

All conditions and regulations pertaining to the VTPP are in Tariff M.P.S.C. No. 20R, Part 2, except as specified in this section.

2. Supersedure, as defined under the VTPP in Tariff M.P.S.C. No. 20R, Part 2, is permitted subject to the payment of a transfer charge.

TRANSFER CHARGE  
\$100.00

3. Termination liability on the Central Office Concentrator Service depends on the customer's selected payment period.

VARIABLE TERM OPTIONTERMINATION CHARGE

1 month

None

24 months

6 months of payments  
or 50% of the remaining  
amount due, whichever is less.

48 months

12 months of payments or 60%  
of the remaining amount  
due, whichever is less.

## E. EQUIPMENT ADDITION CHARGES

1. These charges consist of a system charge and any applicable unit charges. These charges apply when items are added to existing service and are in addition to the Installation Charges for those items.

Nonrecurring Charges

## System Charge, each occasion

- Slave Concentrator	\$1,125.00
- Concentrator Line Card	415.00
- Client Line Card	385.00

## Unit Charges, each unit

- Slave Concentrator	\$1,080.00
- Concentrator Line Card	235.00
- Client Line Card	220.00

Material originally appeared in INFORMATION LINK No. 2, on Original Sheet 74

## CENTRAL OFFICE CONCENTRATOR SERVICE (Cont'd)

## F. RATES AND CHARGES

Optional Payment Period

	<u>USOC</u>	<u>Installation Charges</u>	<u>1 mo.</u>	<u>24 mos.</u>	<u>48 mos.</u>
- Master Concentrator, each	ECR	\$7,500.00	\$635.00	\$585.00	\$535.00
- Slave Concentrator, each	ECV	2,205.00	210.00	185.00	172.50
- Concentrator Line Card, each per 32 Client Lines or fraction thereof.	EC2	41.50	67.50	58.00	51.00
- Client Line Control, each per 25 client line terminations or fraction thereof.	EC7	177.50	52.50	43.00	41.00

Material originally appeared in INFORMATION LINK No. 2, on Original Sheet 74