

**1 GROUPVIDEO SERVICE****A DESCRIPTION**

GroupVideo Service is a "meet-me" video conference capability that allows up to a maximum of 28 locations to dial a specific telephone number at a predetermined date and time to establish a video conference.

To make reservations the customer calls 1-800-WE MEET U (1-800-936-3388), requesting a specific date, time and duration, the number of conference ports, the data rate and the conference control options required for the conference. The customer is provided with directory numbers for the participants to dial to obtain access to the Multipoint Control Unit (MCU). Audio-only ports are available for participants without compatible videoconferencing terminals.

GroupVideo Service connections are established over public switched services, including but not limited to, SDS-56, Centrex IS, SDS-ISDN, Primary Rate IS, and Home ISDN utilizing compatible customer provided equipment. A single ISDN line or two SDS-56 lines are used to access the MCU at transmission speeds of 112 or 128 kbps. The MCU can also support switched connections at higher data rates up to 1.536 Mbps, in multiples of 56 or 64 kbps as specified by ITU-TSS standards. These calls are established by customers' inverse multiplexers, using multiple ISDN or SDS-56 lines.

1 GROUPVIDEO SERVICE (cont'd)

B DEFINITIONS

MULTIPOINT CONTROL UNIT

A device capable of terminating switched data calls dialed by standards-compliant videoconferencing terminals. Partitions in the MCU software define individual conferences among multiple participating locations, providing secure multipoint connections. Unless programmed for constant display of a single pre-selected video signal to all participating locations, the MCU controls video switching dynamically according to dominant audio levels.

PORT

Termination point at the MCU for a switched data call from a single video conferencing terminal.

PORT HOUR

Chargeable unit for GroupVideo multipoint conferences. Total port hours equal the sum of the connection times, (or reserved times, whichever is greater) for all participating site in a conference.

## 1 GROUPVIDEO SERVICE (cont'd)

## C REGULATIONS

1. The customer shall be responsible for reserving port time and specifying the data rate and compression algorithm (video mode) to be used.
2. Calls made by each participant to the GroupVideo conferencing port are subject to the applicable local, ZUM and local plus message charges and any long distance charges.
3. Provisions concerning limitations of liability are set forth in GUIDEBOOK, PART 2, SECTION 2.
4. GroupVideo connections must be reserved at least twenty-four (24) hours in advance. Shorter notice will be accepted subject to port availability at an additional charge as set forth in 3.6 following.
5. Reservations will be accepted in 15-minute increments; overtime will be billed in 3-minute increments or portion thereof. Overtime capability depends upon port availability.
6. Variations in the MCUs used may cause differences in the availability of certain compression algorithms at each MCU site.
7. Once a conference has begun, the customer will be billed for the full MCU time reserved whether or not all port hours are used. Miscellaneous Change Charges as set forth in 1.G., following are applicable to cancellations or changes made with less than 48 hours notice.
8. Each participant in a video conference requires a MCU port. Each port is rated on an hourly basis as set forth in 1.H, following. The total port hours used by conference participants are aggregated on a single bill. If the video conference is billed to a premium or premiere plan subscriber, all port hours will be debited against the monthly plan allotment or billed as overtime. For example, a premium plan subscriber is billed 4 port hours for a 1-hour conference among 4 sites. These 4 hours are deducted from the 15 subscribed hours, leaving a balance of 11 hours remaining for the month. If no balance remains, the 4 port hours are billed as overtime at \$35.00 each.

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D TECHNICAL SPECIFICATIONS

1. GROUPVIDEO SERVICE TECHNICAL SPECIFICATIONS INCLUDE THE FOLLOWING:

Standards Video Mode

- H.320 series Standards for Audio Visual Communications over Narrowband Digital Networks, developed by the International Telecommunications Union-Telecommunications Standardization Sector (ITU-TSS).

Standards Plus

- Proprietary suite of compression algorithms developed by Compression Labs, Inc. including but not limited to H.CTX CTX, CTX Plus.

Standard Audio Mode

- G.711, G.722 and G.728 developed by the International Telecommunications Union-Telecommunications Standardization Sector (ITU-TSS).

2. GROUP VIDEO SERVICE TECHNICAL SPECIFICATIONS CAN BE OBTAINED BY WRITING TO THE ADDRESS LISTED BELOW:

These publications may be obtained from:

AT&T Help Desk and Document Center (517) 788-6872

## 1 GROUPVIDEO SERVICE (cont'd)

## E SERVICE

## 1. STANDARD FEATURES

## a. Standard Video Mode

International videoconferencing standards enable communication among various types of terminals. The Standard Video Mode (aka, Common Intermediate Format, CIF, H.261, or px64) must be selected when it is the only compression algorithm that is common to all participating sites.

## b. Standards Plus Mode

The Standards Plus algorithm may be selected when all participants in a conference are using compatible terminals.

## c. Standard Audio Mode

GroupVideo supports all international audio standards for video conferencing - G.711, G.722 and G.728. A single audio format, common to all participating terminals must be specified for each GroupVideo conference.

## d. Conference Control

Voice-activated switching is the standard method for dynamic control of the video signal during a multipoint video conference. The dominant speaker will be seen by all participating sites, while the current speaker sees the previous dominant speaker. If preferred, the conference can be configured for lecture mode, providing constant transmission of a single video signal to all sites.

## e. Chair Control

Users of videoconferencing systems equipped for chair control may elect to control video switching of a multipoint conference. One terminal per conference may be designated the "Chair".

## f. Audio-Only Connection

One participating location on each multipoint conference may establish an audio-only connection by dialing in from a telephone. GroupVideo charges are the same as for any other conference participant.

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E SERVICE (cont'd)

2. OPTIONAL FEATURES

a. Premium Subscriber Plan

Provides up to and including 15 port hours per month. Port hours required above the initial 15 shall be subject to additional charges as set forth in 1.G. following.

b. Premiere Subscriber Plan

Provides up to and including 30 port hours per month. Port hours required above the initial 30 shall be subject to additional charges as set forth in 1.G., following.

c. Split Billing

Allows each site participating in a multi-point video conference, bridged through the Company's GroupVideo Service, to receive its own separate bill representing only the port(s) used by that site for its portion of the conference. The maximum number of additional bills that could be generated per video conference is 27. Split Billing charges are not applicable to the first account (or control participant) from which the others are split.

Group Video, Premium and Premiere Subscriber Plans port hours are eligible for Split billing. All port hours, or fractions thereof, reserved and or used will be split among each participating site. Premium and Premiere Subscribers will receive credits not to exceed the monthly rate.

Illustrative only

Premiere Subscriber under 30 port hours, nine participating

- a. Three port hours reserved and used = \$90.00.
- b. \$90.00 divided by nine sites = \$10.00 per site.
- c. Each participating site, except Premiere Subscriber, billed \$13.00 (port hour + split billing).
- d. Premiere Subscriber receives \$80.00 credit.

Premiere Subscriber over 30 port hours, nine sites participating

- a. Three port hours reserved and used = \$90.00.
- b. \$90.00 divided by nine sites = \$10.00 per site.
- c. Each participating site, except Premiere Subscriber, billed \$13.00 (port hour + split billing).
- d. Premiere Subscriber billed \$10.00.

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F FLEXIBLE RATES

Decision 89-10-031 dated October 12, 1989, states in part that "...Beginning in 1990, Pacific should file advice letters no later than October 1 of each year for Commission consideration and approval to update rates according to the adopted price cap indexing mechanism with new rates to be effective the following January 1."

The following contains flexible rates for Group Video Service only. The current rates set forth in Rates and Charges, 1.G., following will be based on these ranges.

	<u>Rate</u>	
	<u>Minimum</u>	<u>Maximum</u>
A. GroupVideo Service		
Reservation per Occurrence		
-Per Port Hour	\$ 15.00	\$ 38.00
B. Premium Subscriber Plan		
-Per 15 Port Hours	225.00	498.70
-Each additional Hour	15.00	33.25
C. Premiere Subscriber Plan		
-Per 30 Port Hours	450.00	854.92
-Each additional Hour	15.00	28.50

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G RATES AND CHARGES

	<u>Monthly Rate</u>	<u>Hourly Rate</u>
1. GROUPVIDEO SERVICE <sup>1,3</sup>		
- Per Port, Per Participant <sup>2</sup>	NO	\$ 38.00
2. PREMIUM SUBSCRIBER PLAN <sup>1,3</sup>		
- Per 15 Port Hours <sup>1</sup>	\$498.70	NO
- Each additional Port Hour <sup>2</sup>	NO	33.25
3. PREMIERE SUBSCRIBER PLAN <sup>1,3</sup>		
- Per 30 Port Hours <sup>2</sup>	854.92	NO
- Each additional Port Hour <sup>2</sup>	NO	28.50
4. SPLIT BILLING		
- Each additional bill	2.85	per plan <sup>4</sup>

/1/ Reservations will be accepted in 15 minute increments. Each additional port hour shall be billed in 3 minute increments (e.g. 4, 5, or 6 minutes of overtime under the Premiere Plan video conference would be billed approximately \$3.00).

/2/ The monthly and hourly rates may be increased (not to exceed the maximum as stated in 3.6., preceding) by the Company upon at least 30 days prior notice to the California Public Utilities Commission (CPUC) and affected customers.

/3/ See 1.F., preceding.

/4/ See 1.F., preceding.



3 GROUPVIDEO SERVICE (cont'd)

3.7 RATES AND CHARGES (cont'd)

	<u>Charges Per Occurrence</u>
D. PRIORITY RESERVATION <sup>1</sup>	
- Each reservation made with less than 24 hours notice	\$ 23.75
E. MISCELLANEOUS CHANGE CHARGE	
Change date, time, reduce or cancel port hours reserved	
- Between 24 and 48 hours notice	25% of Charge for reserved time
- Less than 24 hours notice	50% of Charge for reserved time

/1/ In addition to Monthly and/or Hourly rates as set forth in 3.7, A., B. and C., preceding.