

Issue Date: December 17, 2013

Transmittal No. 108

Effective: January 1, 2014

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FACILITIES FOR INTERSTATE ACCESS

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All pages inclusive of this Tariff, pages 1 through 21-220, are effective as of the date shown. The original and revised pages named below and on Supplement No. 1 contain all changes from the original tariff that are in effect on the date shown.

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| 1       | 81 <sup>st</sup> *                         |      |  |
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| 1.0.4   | 8 <sup>th</sup> *                          |      |  |
| 1.0.4.1 | Original *                                 |      |  |
| 1.0.5   | 32 <sup>nd</sup> *                         |      |  |
| 1.0.6   | 11 <sup>th</sup> *                         |      |  |
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| 19      | Original *                                 |      |  |
| 1-1     | 2 <sup>nd</sup>                            |      |  |

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HAWAIIAN TELCOM, INC.  
1177 Bishop Street  
Honolulu, Hawaii 96813

Tariff F.C.C. No. 1  
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Honolulu, Hawaii 96813

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FACILITIES FOR INTERSTATE ACCESS

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Honolulu, Hawaii 96813

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 2 – GENERAL REGULATIONS, (cont'd.)

## 2.6 Definitions, (cont'd.)

## Network Channel Interface Code

The "Network Channel Interface" code (NCI<sup>(TM)</sup>) is an ordering code that provides an indication of the generic channel type. The NCI code provides the technical characteristics of the interface and describes the physical and electrical characteristics of the special access interface to the Customer designated locations. A complete description and listing of these interface codes is specified in Section 6103 of the GTE Technical Interface Reference Manual.

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## Node

The term "Node" denotes a SONET ring service element that designates either a Customer designated location or a Telephone Company wire center location on the SONET ring. It also denotes the location/address of where a channelized service originates or terminates on a ring.

## Non-Overlap Outputting

The term "Non-Overlap Outputting" is the feature of the exchange access signaling system which provides initiation of pulsing to the Customer's premises after the calling subscriber has completed dialing an originating call.

## Nonrecoverable Cost

The term "Nonrecoverable Cost" denotes the cost of specially constructed facilities for which the Telephone Company has no foreseeable use should the Customer terminate service.

## Nonsynchronous Test Line

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but which can be made more rapidly.

## North American Numbering Plan

The term "North American Numbering Plan" denotes a three-digit area or Numbering Plan Area (NPA) code and a seven-digit telephone number made up of a three-digit Central Office code (NXX) plus a four-digit station number (XXXX).

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 3 – ORDERING OPTIONS FOR FIA, (cont'd.)

3.1 General, (cont'd.)

3.1.1 Ordering Conditions, (cont'd.)

- (F) The provision of Special Access requires the selection of a Terminating Option as defined in 5.3. The provision of Switched Access requires an Entrance Facility as defined in 4.2.3(B). When a Customer orders a DS3 SAL or DS3 Switched Entrance Facility, he may specify, on the ASR, if the interface is to be electrical or optical. In the event the Customer does not specify an interface preference for DS3, the Telephone Company will provide an electrical interface.

When a Customer orders a FiberConnect SAL he must specify, whether the interface is to be an electrical or optical termination and indicate the Network Channel Interface (NCI<sup>TM</sup>) code on the ASR. Each FiberConnect SAL accommodates four DS1 transports.

When a Customer orders a DS3C SAL, the Telephone Company will provide an optical interface unless service is provided via microwave, in which case an electro-magnetic interface is provided, or unless the Customer specifies on the ASR a request for an electrical interface.

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SECTION 3 – ORDERING OPTIONS FOR FIA, (cont'd.)

3.2 Access Service Request, (cont'd.)

3.2.2 ASR Modifications

The Customer may request a modification of its ASR prior to the service date. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an ASR within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the Customer. If the Customer still desires the ASR modification, the Telephone Company will schedule a new service date. All charges for ASR modifications will apply on a per occurrence basis. Where a new ASR may be required the appropriate charges in other sections of this tariff will be applicable.

Any increase in the number of Switched Access lines for FGA or BSA-A trunks or BHMCs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service; Special Access circuits; STP Port Terminations and CCS7 access facilities; or OSS OPCs in conjunction with LIDB Query Service, and Advanced Communications Network services will require the issuance of a new ASR for the incremental capacity.

(M) - Certain material previously located on this page is now found on Page 3-15.

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## SECTION 3 – ORDERING OPTIONS FOR FIA, (cont'd.)

## 3.2 Access Service Request, (cont'd.)

## 3.2.2 ASR Modifications, (cont'd.)

(A) Service Date Change Charge (USOC<sup>(TM)</sup> - SUM) (T,M)

ASR service dates may be changed, however a Service Date Change Charge will apply for each service date change after the plant test date of the original ASR. (M)

For Switched Access, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company and cancellation charges in 3.2.6 will apply. The ASR will be reissued with the new service date.

For Special Access, except as specified below, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company. Cancellation charges in 3.2.6 will apply and the ASR will be reissued with the new service date unless the Customer indicates that billing for the service is to commence as in 3.2.6(A).

With the agreement of the Telephone Company, a new service date may be established that is prior to the original service date and the provisions in (E) will apply in addition to the Service Date Change Charge. (M)

|        |       |
|--------|-------|
|        | Rate  |
| (USOC) | (SUM) |

\$64.99

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(M) - Certain material found on this page was previously located on Page 3-14.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 3 – ORDERING OPTIONS FOR FIA, (cont'd.)

## 3.2 Access Service Request, (cont'd.)

## 3.2.2 ASR Modifications, (cont'd.)

## (C) Discontinuance of Service

A Customer may discontinue FIA that is in service at any time. The request for discontinuance of service must be received by the Telephone Company at least two business days prior to the date on which service is to be disconnected and billing discontinued. The disconnect request may be submitted via the same method(s) used to place orders. The Customer must notify the Telephone Company of a delay or cancellation in the discontinuance request prior to the disconnect date. The Telephone Company, where possible, will establish the disconnect date in accordance with such request. Billing and service will then continue until the new requested disconnect date. If a service is discontinued prior to the expiration of the Minimum Period in 3.2.4, the Minimum Period Charges in 3.2.5, may apply.

## (D) Design Change Charge (USOC™ - H28)

(T)

The Customer may request a design change to a pending ASR for both Switched and Special Access or request a change to an existing Switched Access Service. A design change is a change which requires engineering review. The regulations, rates and charges for a design change are in Section 4.5.2(A)(3)(i) for Switched Access Service, and Section 5.6.1(F)(1) for Special Access Service, and are in addition to the regulations, rates and charges specified in this section.

## (E) Requests for Expedition

A Customer may request an expedited service date. When this situation occurs, charges will be applicable as in 6.2. The Telephone Company will provide an estimate of the charges to the Customer. The Customer must accept the price estimate prior to the Telephone Company's performing the expedite. The actual charges billed to the Customer will be no more than 10 percent over the estimate.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups

The Telephone Company, under the ordering provisions in Section 3, at rates and charges as specified in 4.6, will provide Switched Access Feature Groups as follows:

(A) Feature Group A (USOC<sup>TM</sup> - OHY; OHX)

Feature Group A (FGA), which is available to all customers, provides line-side access to Telephone Company end office switches with an end user access code of NXX-XXXX for the customer's use in originating and terminating communications. FGA is available as Message Telecommunications Service-type or Wide Area Telecommunications Service-type (MTS/WATS-type) access or as Foreign Central Office/Off Network Access Line (FCO/ONAL) open end access, for customer provided interstate communications capability or connection to an interexchange interstate service.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

(A) Feature Group A (USOC<sup>TM</sup> - OHY; OHX), (cont'd.)

(T)

- (1) FGA is provided at all Telephone Company end office switches and switches customer communications to and from Common Lines, or Special Access Lines, as in 4.2.1(A).

FGA utilizes a two-point electrical communications path between the Interface Arrangement and the Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- (2) FGA is provided as line-side switching through end office switch line equipment. Line-side switching may, at the option of the customer, be provided with ground start supervisory signaling or loop start supervisory signaling.
- (3) The customer shall select the first point of switching, within the selected FGA Access Area.
- (4) FGA is arranged for originating calling only, terminating calling only or two-way calling. The Telephone Company will determine the type of calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different than that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

(A) Feature Group A (USOC<sup>TM</sup> - OHY; OHX), (cont'd.)

(T)

- (5) FGA, when being used in the terminating direction, is arranged with dial tone start-dial signaling and dial pulse address signaling. FGA, when being used in the terminating direction, may, at the option of the customer, be arranged for Dual Tone Multifrequency (DTMF) address signaling, subject to availability of equipment in the end office from which FGA is provided. When FGA is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, all FGA will be arranged for the same type of signaling.

No address signaling is provided by the Telephone Company when FGA is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

- (6) FGA, when used in the terminating direction, may be used to access valid NXXs in the FGA Access Area. For FGA, the Access Area is defined as the local calling area of the end office switch from which the FGA is provided. The description of any specific FGA Access Area will be provided to the customer upon request. Access is also provided for Extended FGA terminating calls established on a 1+ basis (i.e., toll) outside the specific FGA Access Area (i.e., local calling area) however inside the LATA. When a FGA customer chooses to terminate toll calls outside the LATA via an Interexchange Carrier's Service (i.e., no screening or blocking performed by customer), the rates and charges in 4.5.2(H)(3) apply. The Telephone Company may, at the customer's request, and depending on the technical capabilities, screen and block such interLATA calls. Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), emergency reporting service (911), local telephone repair (611), information services (e.g., time and temperature) and IC services (by dialing the appropriate digits). The customer will be billed for an operator surcharge as in the Telephone Company General and/or Local Tariffs, for local operator assistance (0-) calls; certain community information service calls; directory assistance (411 and 555-1212) calls; and customer call charges in accordance with other IC tariffs in force when the Telephone Company performs the billing for such customer calls.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

(A) Feature Group A (USOC<sup>TM</sup> - OHY; OHX), (cont'd.)

(T)

## (6) (cont'd.)

Access to these services may, at the option of the customer, be blocked when the Call Denial on Line or Hunt Group three digit or six digit dial code screening arrangements are provided, subject to the availability of the equipment in the end office from which FGA is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 911, 800, 888, 555-1212, and a set of NXXs selected by the customer, in cooperation with the Telephone Company for each end office switch and route all other calls to reorder tone or recorded announcement.

Three digit dial code screening is an arrangement which will screen terminating calls and allow completion of calls to one or more specific NXXs (or all NXXs) within the Home NPA, or calls to one, two, or three digit service codes (e.g., 0, 411) and route all others to reorder tone or recorded announcement.

Six digit dial code screening is an arrangement which will screen Access Area terminating calls and allow completion of calls to selected NXXs within foreign NPAs and route all other calls in the foreign NPA to reorder tone or recorded announcement.

- (7) FGA is provided on a single line basis. FGA may, at the option of the customer, be provided in a Hunt Group Arrangement or a Uniform Call Distribution Arrangement. When FGA is provided with these arrangements, the FGA may also, at the option of the customer, be provided with a Nonhunting Number Arrangement. The Uniform Call Distribution Arrangement and the Nonhunting Number Arrangement are only available from certain Telephone Company end office switches. All FGA in a Hunt Group Arrangement or Uniform Call Distribution Arrangement with the Nonhunting Number Arrangement will be similarly arranged.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

(A) Feature Group A (USOC<sup>TM</sup> - OHY; OHX), (cont'd.)

- (8) A seven digit telephone number assigned by the Telephone Company is provided for access to FGA in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX. If the customer requests a specific seven digit telephone number that is not currently assigned and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

- (9) FGA is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), dc continuity and when applicable operational signaling.

- (a) Where Telephone Company equipment is available a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, and milliwatt (102 type) test line.

Additional testing will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGA; or (c) the customer requests testing on a more frequent basis than scheduled for in the Telephone Company's Central Office Maintenance Planning System (COMPS). The Telephone Company will routinely perform maintenance testing from the dial tone end office to the customer's first point of switching.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(A) Feature Group A (USOC<sup>TM</sup> - OHY; OHX), (cont'd.)

(T)

- (10) When all FGA for an individual customer (a single line or entire hunt group) is discontinued at an end office, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- (11) FGA is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGA.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (B) Feature Group B (USOC™ - OHB)

Feature Group B (FGB), which is available to all customers, provides trunk-side access to Telephone Company end office switches with an associated uniform 950-XXXX access code for originating and terminating communications for customer provided interstate communications capability or connection to an interexchange interstate service.

- (1) FGB, when provided without the use of a Telephone Company access tandem switch (in a directly routed arrangement), is provided at all Telephone Company appropriately equipped electronic end office switches. When provided via Telephone Company appropriately equipped electronic access tandem switches, FGB End Office Services are provided at all Telephone Company subtending end office switches in the terminating direction and at appropriately equipped end offices in the originating direction utilizing the end user access code of 950-XXXX. For those subtending end offices that are not appropriately equipped, access in the originating direction is available by the end user access code of 1+950-XXXX.

FGB utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or a Special Access Line, as in 4.2.1(B), which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(B) Feature Group B (USOC<sup>TM</sup> - OHB), (cont'd.)

(T)

- (2) FGB is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with wink start pulsing and answer and disconnect supervisory signaling.
- (3) The Telephone Company will select the trunking arrangement from the end office, within the selected Access Area from which FGB is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement or Rotary Dial Station Signaling, where available, special routing and trunking arrangements may be required.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (B) Feature Group B (USOC™ - OHB), (cont'd.)

- (4) FGB is arranged for either originating, terminating, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.
- (5) FGB, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to 7 Digits Outpulsing of Access Digits to the customer will be provided in the originating direction by the Telephone Company equipment to the CDL where the FGB terminates. Except for FGB provided with the ANI arrangement or Rotary Dial Station Signaling as in 4.2.5(M), any other address signaling in the originating direction, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (B) Feature Group B (USOC™ - OHB), (cont'd.)

(T)

- (6) FGB, when being used in the terminating direction, may be used to access valid NXXs in the FGB Access Area. If the FGB connection is made directly to an end office the Access Area is that of that end office only. If the FGB connection is made to an access tandem the Access Area is that of all end offices subtending that access tandem. The description of any FGB Access Area will be provided to the customer upon request. Access is also available to information services (e.g., time and temperature) and IC services by dialing the appropriate digits and other services when those services can be reached using valid NXX codes. Premium End Office Switching - Bundled (EOSB) rates in 4.5.2(H)(5) and 4.6.3(B) apply to all FGB usage originating or terminating at an equal access end office. When a provider of MTS and WATS subscribes to FGB and FGC at an end office, FGC usage and FGB terminating usage will be subject to premium EOSB rates and FGB originating usage will be subject to nonpremium EOSB rates.
- (7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the FGB arrangement provided.
- (8) The access code for FGB is a uniform access code in the form of 950-XXXX. For end offices not appropriately equipped an IC may instruct their end users to access the FGB by dialing 1+950-XXXX.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

(B) Feature Group B (USOC<sup>TM</sup> - OHB), (cont'd.)

(T)

- (9) FGB may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing numbers. ANI is not available if the FGB connection is at an access tandem. The ANI arrangement provides seven digit calling station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no seven digit number will be provided, and an "identification failure" information digit will be provided. ANI will be available using multifrequency signaling provided by the Telephone Company.

Rotary Dial Station Signaling will be made available in certain end offices using dial repeating equipment provided by the Telephone Company. The customer must order Switched Transport arranged to pass the dial repeating signals. FGB is provided in directly routed arrangements where the ANI or Rotary Dial Station Signaling arrangements are provided.

Only calls from end users terminated on the end office switch will be provided with the ANI or Rotary Dial Station Signaling arrangements.

- (10) The Telephone Company will determine the end office ANI protocol for FGB. The Telephone Company makes no guarantee that ANI will be available at all end offices which have access to FGB.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(B) Feature Group B (USOC<sup>TM</sup> - OHB), (cont'd.)

(T)

- (11) FGB is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched noise) and where applicable, dc continuity, signaling and balance testing.

(a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line.

(b) Where Telephone Company equipment is available and the customer is equipped with compatible remote office test lines, FGB will be provided with automatic testing (105 type or equivalent) in the originating direction.

Additional testing charges apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGB; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS). The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(B) Feature Group B (USOC™ - OHB), (cont'd.)

(T)

- (12) When all FGB is discontinued at an end office and/or in an Access Area, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the FGB associated with the number dialed has been disconnected.
- (13) FGB is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the end office, when routed directly, or to the first point of switching, when routed via an access tandem. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGB.
- (14) FGB may at the option of the customer and with the concurrence of the Telephone Company, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (C) Feature Group C (USOC™ - OHC)

(T)

Feature Group C (FGC) provides trunk-side access to Telephone Company end office switches for providers of MTS and WATS for originating and terminating communications. FGC is available in all end offices which are not equipped for FGD or BSA-D End Office Services.

- (1) FGC is provided at all Telephone Company end office switches or Telephone Company designated access tandem switches. FGC is available at an end office switch unless FGD or BSA-D is provided in the same office. When FGD or BSA-D is available, FGC will be discontinued as soon as the conversion to FGD or BSA-D can be arranged.

FGC utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- (2) FGC is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start pulsing signals are provided in all offices where available. In those offices where wink start pulsing signals are not available, delay dial start pulsing signals will be provided.
- (3) The Telephone Company will select the trunking arrangement from the end office within the selected Access Area from which FGC is to be provided. If the customer orders an ANI arrangement or Service Class Routing Arrangement, special routing and trunking arrangements may be required.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (C) Feature Group C (USOC™ - OHC), (cont'd.)

(T)

- (4) FGC is arranged for either originating calling only, terminating calling only, or two-way calling based on the trunks or BHMC ordered. The Telephone Company will determine the type of Directional calling to be provided unless the customer requests the option, Customer Specification of Directionality as described in 4.2.5(H). For such specification, additional charges on an Individual Case Basis will apply if the trunk group Routing arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.
- (5) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such electromechanical end office switches, the address signaling will be dial pulse or revertive pulse signaling, whichever is available. Dial pulse address signaling may, at the option of the customer, be provided in lieu of multifrequency address signaling if such signaling facilities are available in the end office. Up to twelve digits of the called party number dialed by the customer's end user will be provided by Telephone Company equipment to the CDL where the FGC terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (C) Feature Group C (USOC™ - OHC), (cont'd.)

(T)

- (6) FGC, when being used in the terminating direction, may be used to access NXXs in the FGC Access Area. If the FGC connection is made directly to an end office the Access Area is that of that end office only. If the FGC connection is made to a Telephone Company access tandem the Access Area is that of all end offices subtending that Telephone Company access tandem. The description of any FGC Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and other services (by dialing the appropriate codes) when the services can be reached using valid NXX codes.
- (7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the FGC arrangement provided.
- (8) No access code is required for FGC. In certain locations, due to Central Office equipment limitations, two or three digit access codes may be used. The telephone number dialed by AT&TC's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by AT&TC's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN, (NN = City Code).

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(C) Feature Group C (USOC<sup>TM</sup> - OHC), (cont'd.)

(T)

- (9) FGC may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing number. The ANI arrangement provides seven digit station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no seven digit number will be provided and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Telephone Company.

FGC is provided in directly routed arrangements to the end office switch where the ANI arrangement is provided. The Telephone Company will determine the end office ANI protocol for FGC.

Only calls from end users terminated on the end office switch will be provided with the ANI arrangement. ANI is provided from end offices for which Telephone Company recording for end user billing is not provided, or where it is not required, as with 800/877/888 Service. It is not provided from end offices for which the Telephone Company needs to forward ANI to its recording equipment.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(C) Feature Group C (USOC™ - OHC), (cont'd.)

(T)

- (10) FGC may, at the option of the customer, be arranged for International Direct Distance Dialing (IDDD) arrangement in the originating direction. End offices or Telephone Company access tandems equipped for IDDD will be designated by the Telephone Company. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.
- (11) FGC is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.
  - (a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. The access number shall include: balance (100 type) test line, milliwatt (102 type) test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, nonsynchronous or synchronous test line, loop around test line, short circuit test line and open circuit test line.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(C) Feature Group C (USOC<sup>TM</sup> - OHC), (cont'd.)

(T)

(11) (cont'd.)

(b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), FGC will be provided with automatic testing.

(c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

Additional testing charges will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGC; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS).

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(C) Feature Group C (USOC<sup>TM</sup> - OHC), (cont'd.)

(T)

- (12) FGC may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.
- (13) FGC may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDL based on service prefix (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 888, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel).
- (14) FGC may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement in all Telephone Company end offices. This arrangement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group to the CDL in order to limit the amount of such traffic that can be completed.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (C) Feature Group C (USOC™ - OHC), (cont'd.)

(T)

- (15) FGC is provided with the following features in the originating direction for operator assistance services. FGC may require the routing by Service Class Routing Arrangement as in 4.2.1(C)(15).

(a) Operator Assistance-Coin Control Arrangements for Telephone Company end offices where equipment is available - Such arrangements provide coin return control and routing of 0+, 0-, 01+ and 011+ prefixed originating calls to the CDL. The operator services system arrangement for receipt of 0+, 0-, 1+, 01+ and 011+ calls may, at the option of the customer, be provided with the ANI arrangement. The cord board arrangement for receipt of 0- originating calls is not provided with ANI. FGC is provided in a directly routed arrangement where the Operator Assistance-Coin Control arrangement is provided. Only calls from coin station lines terminated on the end office switch where the Operator Assistance-Coin Control Arrangement is provided will be provided to the CDL.

(b) Operator Assistance-Noncoin Arrangements in all Telephone Company end offices - Such arrangements provide routing of 0+, 0-, 1+, 01+, and 011+ prefixed originating calls to the CDL. This arrangement for receipt of 0+, 0-, 1+, 01+, and 011+ originating calls may, at the option of the customer, be provided with the ANI arrangement.

The cord board arrangement for receipt of 0- originating calls is not provided with ANI. FGC is provided in a directly routed arrangement where the Operator Assistance-Noncoin Arrangement is provided. Only calls from end users terminated on the end office switch where the Operator Assistance-Noncoin Arrangement is provided will be provided to the CDL.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(C) Feature Group C (USOC™ - OHC), (cont'd.)

(T)

(15) (cont'd.)

(c) Operator Assistance - Combined (coin and noncoin) Arrangements in Telephone Company end offices where equipment is available - This arrangement provides the combined features described in (a) and (b).

(16) FGC is provided with either Type B or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to an access tandem, only Type B is provided; or c) Type B or Type C is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1 when routed directly to an end office. Type B is provided with Interface Arrangements 2 through 10 whether routed directly to an end office or to an access tandem. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGC.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (D) Feature Group D (USOC™ - OHD)

(T)

Feature Group D (FGD), which is available to all customers, provides trunk-side access to Telephone Company end office switches with an associated 101XXXX access code for providers of MTS/WATS and MTS/WATS-type services for originating and terminating communications for customer provided interstate communications capability or connections to an interexchange interstate service.

- (1) FGD is provided at Telephone Company appropriately equipped electronic end office switches.

FGD utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

SS7 Out of Band Signaling for FGD is provided at suitably equipped Telephone Company end office or access tandem switches.

- (2) FGD is provided as trunk-side switching through the use of end office or Telephone Company access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(D) Feature Group D (USOC<sup>TM</sup> - OHD), (cont'd.)

(T)

- (3) The Telephone Company will select the trunking arrangement from the end office, within the selected Access Area from which FGD is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement, Alternate Traffic Routing Arrangement, Service Class Routing Arrangement, Trunk Access Limitation Arrangement, or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required.
- (4) FGD is arranged for either originating calling only, terminating calling only, or two-way calling and based on the trunks or BHMC ordered. The Telephone Company will determine the type of directional calling to be provided unless the customer orders an Operator Assistance Full Feature Arrangement or requests the option, Customer Specification of Switched Access Directionality as described in 4.2.5(H). For such arrangements, additional charges on an Individual Case Basis will apply if the trunking arrangements are different from that the Telephone Company would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL. Two-way calling permits either the origination or termination of calls, but not simultaneously.

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (D) Feature Group D (USOC™ - OHD), (cont'd.)

(T)

- (5) FGD is provided with multifrequency address signaling or SS7 Out of Band Signaling. Up to twelve digits of the called party number dialed by the end user will be provided by Telephone Company equipment to the CDL where the FGD terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.
- (6) FGD, when being used in the terminating direction, may be used to access valid NXXs in the FGD Access Area. If the FGD connection is made directly to an end office the Access Area is that of that end office only. If the FGD connection is made to a Telephone Company access tandem, the Access Area is all end offices subtending that access tandem that have FGD capabilities. When the customer wants access to all end offices subtending that access tandem (both equal access and non equal access) a single FGD trunk group may be used. Traffic terminating at a non equal access end office using a FGD trunk group will be ordered as FGB or FGC and billed at FGB or FGC rates. Separate trunk groups for the combined use of FGD and FGB or FGD and FGC are not required. The description of any FGD Access Area will be provided to the customer upon request. FGD may also be used in the terminating direction to access information services (e.g., time and temperature) and other services by dialing the appropriate codes when the services can be reached using valid NXX codes.
- (7) A separate trunk group will be established based on directionality (i.e., originating only, terminating only, or two-way traffic) of the FGD arrangement provided.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (D) Feature Group D (USOC™ - OHD), (cont'd.)

(T)

- (8) The access code for FGD is a uniform access code of the form 101XXXX. No access code is required if the end user's Telephone Company local service is arranged for Primary Interexchange Carrier (PIC) arrangement as in 6.5 to the same customer. The number dialed by the end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by the end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN. When the 101XXXX access code is used, FGD also provides for dialing the digit 0 for access to the customer's operator, or the end-of-dialing digit (#) for cut-through access to the CDL. FGD also provides for the dialing of digits 00 for access on a non-DDD basis to the customer's operator when the end user's service is designated to the customer as in 6.5 and 4.2.5(V). A single access code will be the assigned number for all FGD provided to the customer by the Telephone Company.

In addition to the standard 101XXXX access code, the customer has the option to use 950-XXXX as an access code for FGD Switched Access Service. When the customer orders FGD Switched Access Service with 950-XXXX Access as described in 4.2.5(T), FGD switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as FGD switched access calls.

FGD, provided with multifrequency address signaling or SS7 Out of Band Signaling, is arranged to receive address signaling through the use of Dual Tone Multifrequency (DTMF) or dial pulse address signaling from the end user.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (D) Feature Group D (USOC™ - OHD), (cont'd.)

(T)

- (9) FGD may, at the option of the customer, be arranged to provide ANI arrangement to obtain the calling station billing number. The ANI arrangement provides ten digit station billing number information to the CDL. When SS7 Out of Band Signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature as described in 4.2.5(A)(D). In those situations where no billing number is available in the end office switch, as with 4/8 party service, no ten digit number will be provided, only the area code and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no ten digit number will be provided, and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Telephone Company.

Dependent upon the group type, the ANI spill may be forwarded prior to the called number in appropriately equipped end offices. When the ANI spill is sent prior to the called number, ten digits will be forwarded (NPA + NXX-XXXX). When the ANI spill is sent after the called number, the conventional seven digits will be forwarded. The Telephone Company will determine the sequencing and protocol of the ANI spill and called number.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(D) Feature Group D (USOC<sup>TM</sup> - OHD), (cont'd.)

(T)

- (10) FGD may, at the option of the customer, be arranged for the International Direct Distance Dialing (IDDD) Arrangement in the originating direction. End offices or Telephone Company access tandem switches which are equipped for IDDD will be designated by the Telephone Company. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.

FGD may also be arranged to forward the international calls of one or more international carriers to the customer. This arrangement requires verification by the Telephone Company that the customer is authorized to forward such calls.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.1 Descriptions of Feature Groups, (cont'd.)

(D) Feature Group D (USOC<sup>TM</sup> - OHD), (cont'd.)

(T)

(11) FGD is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.

(a) Where Telephone Company equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Access to test lines by other than seven digits is at the option of the Telephone Company and may vary in availability.

(b) Where Telephone Company equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), FGD will be provided with automatic testing.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

(D) Feature Group D (USOC<sup>TM</sup> - OHD), (cont'd.)

(T)

(11) cont'd.)

(c) At the option of the Telephone Company, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Telephone Company provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Telephone Company will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching. Additional testing charges will apply as in 6.6 when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of FGD; or (c) the customer requests testing on a more frequent basis than scheduled in the Telephone Company's Central Office Maintenance Planning System (COMPS).

(d) When FGD, 800 or 888 SAC Access service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Bellcore Technical Reference Publication TR-TSV-000905. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a nondisclosure agreement.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (D) Feature Group D (USOC™ - OHD), (cont'd.)

(T)

- (12) FGD may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement, as shown in 4.2.5(A), delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.
- (13) FGD may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDLs based on service prefix code (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 888, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel). Service classes of traffic unable to be served by a customer will be handled at the option of the Telephone Company.
- (14) FGD will be arranged to accept calls from Telephone Company local service without the 101XXXX uniform access code. Each Telephone Company local service will be marked to identify which 101XXXX code its calls will be directed to for InterLATA Area service.
- (15) FGD may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement. The Trunk Access Limitation Arrangement provides for the routing of designated (e.g., 900 Service class code) originating calls to a specified number of transmission paths in a trunk group.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.1 Descriptions of Feature Groups, (cont'd.)

## (D) Feature Group D (USOC™ - OHD), (cont'd.)

(T)

- (16) FGD may, at the option of the customer, be provided with an Operator Assistance Full Feature Arrangement. This arrangement provides, to the customer operator, the initial coin control function. FGD is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement, in (13). The coin collection and return protocol required by the customer must be compatible with Telephone Company equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Telephone Company. This option is unavailable in conjunction with SS7 Out of Band Signaling.
- (17) FGD is provided with either Type A, Type B, or Type C transmission performance as follows: a) when routed directly to the end office, either Type B or Type C is provided; b) when routed to a Telephone Company access tandem, only Type A is provided; c) Type A is provided on the transmission path from the Telephone Company access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1. Type A and Type B are provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGD.
- (18) FGD trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with FGD is Overlap Outpulsing. At the option of the customer, where technically available FGD may be provided with Non-Overlap Outpulsing signaling protocol.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.5 End Office Services Optional Arrangements, (cont'd.)

## (AD) Tandem Access Sectorization (USOC™ - TJN; NRBAX)

(T)

- (1) Tandem Access Sectorization (TAS) is available to FGD and BSA-D customers with originating traffic routed through an appropriately equipped Telephone Company equal access tandem. TAS provides the customer a method of directing originating FGD and BSA-D traffic, on the basis of all originating end offices in an exchange to a maximum of four (4) different CDLs via the Telephone Company equal access tandem.

- (2) For those Telephone Company equal access tandems where TAS is provided, the Telephone Company has subdivided the subtending exchanges into geographical regions (a maximum of 4 per equal access tandem) referred to as Tandem Access Sectorization Regions (TASR). Each TASR is treated as a unit and cannot be subdivided.

The available TASRs are the same for all customers ordering TAS. A customer with multiple CDLs within a LATA can designate the CDL to which all traffic originating from a specific TASR will be routed. A customer may have a maximum of one CDL per TASR. Traffic originating from different TASRs may be routed to the same or different CDL provided that traffic originating from a single TASR may not be routed to more than one CDL.

- (3) TAS is available in conjunction with FGD and BSA-D at rates and charges in 4.5.2(A)(3)(k) in addition to switched access charges applicable to FGD and BSA-D usage throughout Section 4.5.

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.2 Description of Switched Access, (cont'd.)

4.2.5 End Office Services Optional Arrangements, (cont'd.)

(AD) Tandem Access Sectorization (USOC<sup>TM</sup> - TJN; NRBAX), (cont'd.)

(T)

- (4) The following is a list of Telephone Company equal access tandems where TAS is provided and those exchanges which make up the individual TASRs.

Not available in Hawaii.

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.2 Description of Switched Access, (cont'd.)

## 4.2.22 Basic Service Elements, (cont'd.)

## (H) Caller Identification - Number (ICLID) - BSE (USOC™ - NUB)

(T)

This BSE provides the customer with the calling party's directory number at the time the call is received. The calling number is transmitted to the customer during the first silent interval of the ringing cycle. The number is displayed on customer-provided equipment.

Where available, this arrangement is provided as a nonchargeable option with originating BSA-A.

## (I) Remote Call Forwarding - BSE

Remote Call Forwarding (RCF) is a service that utilizes a seven digit Directory Number (DN) to automatically forward all incoming calls to another DN. The forwarded to number can be in the same central office switch or in another central office switch.

The remote call forwarding directory number is not directly associated with an access connection arrangement, but rather is a software translation programmed within the central office switch. All calls dialed to that directory number will forward to another number automatically. The subscriber to this capability does not have a station set for termination of calls made to their remote call forwarding number. Where available, this arrangement is provided with BSA-A.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.5 Rate and Charge Regulations, (cont'd.)

## 4.5.2 Rate Regulations, (cont'd.)

## (A) Types of Rates and Charges, (cont'd.)

## (3) Nonrecurring Charges, (cont'd.)

(i) Design Change Charge (USOC<sup>TM</sup> - H28)

(T)

A design change is any change to a pending ASR or a change to an existing service which requires engineering review or change. Design changes may include the addition or deletion of End Office Services Optional Arrangements or changes in the signaling arrangements associated with the Entrance Facilities as described in 4.2.3(B). Design changes do not include a change of Switched Access Entrance Facilities or facility type, IC CDL, end user premises, end office switch, or Feature Group type or Basic Serving Arrangement type. Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR with the appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply.

The Design Change Charge for Switched Access Service in Section 4.6.1(B) will apply on a per ASR per occurrence basis for each request requiring a design change.

The Design Change Charge is in addition to any Switched Access Installation or Ordering charges associated with the change requested.

If a change of service date is required, the Service Date Change Charge in 3.2.2(A) will also apply.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.5 Rate and Charge Regulations, (cont'd.)

## 4.5.2 Rate Regulations, (cont'd.)

## (A) Types of Rates and Charges, (cont'd.)

## (3) Nonrecurring Charges, (cont'd.)

- (j) Installation Charge for FGA or BSA-A Optional Call Blocking Arrangements (USOC™ - CAH)

(T)

This charge applies per FGA or BSA-A line equipped with either of the optional call blocking arrangements in Section 4.2.5(D) and (E); InterLATA Call Denial on Line or Hunt Group or Call Denial on Line or Hunt Group outside the Access Area. This charge applies in addition to applicable Switched Access Ordering Charges.

- (k) Installation of Tandem Access Sectorization (TAS)

There are two nonrecurring charges applicable to TAS; one for initial service establishment and one for changes to an established service. These apply in addition to rates and charges applicable to FGD or BSA-D service.

- (1) Initial Establishment Charge - TAS (USOC - TJN)

This charge applies per customer per access tandem from which TAS is to be provided, regardless of the configuration of TASRs or CDLs selected.

- (2) Change Charge - TAS (USOC - NRBAX)

This charge applies per customer per access tandem for changes to an existing TAS configuration. Changes include changes in the routing of TASR traffic or a change in the number or location of CDLs.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.5 Rate and Charge Regulations, (cont'd.)

4.5.4 Switched Access Zone Density Rate Plan

(A) Description of the Plan

- (1) The Zone Density Rate Plan is a methodology used for rating Switched Access Transport services. The Zone Density Plan assigns every Serving Wire Center (SWC) or Telephone Company access tandem to one of three zones. The Serving Wire Center, CLLI<sup>(TM)</sup> Codes and zones are listed in Section 19. Rate zone assignments are established based upon the traffic density of each wire center and are divided into three categories. Zone 1/Band A SWCs have the highest density of services, Zone 2/Band B SWCs have intermediate density of services and Zone 3/Band C SWCs have the lowest density of services. Zone Density Plan rates become effective in a study area concurrent with the first operational Expanded Interconnection Service (EIS), as described in Section 17, in that study area. (T)

The Zone Density Rate Plan applies to the following Switched Access Services:

- Entrance Facility
- Direct-Trunked Transport Facility
- Direct-Trunked Transport Termination
- Tandem-Switched Transport Facility
- Tandem-Switched Transport Termination
- Tandem Switching
- DS1 to Voice Multiplexing Arrangement
- DS3 to DS1 Multiplexing Arrangement
- Shared Multiplexing

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.6 Rates and Charges

4.6.1 Nonrecurring Charges

(A) Tandem Access Sectorization (TAS)

Rates per customer per equal access tandem.

| (USOC <sup>TM</sup> ) | <u>Initial<br/>Establishment Charge-TAS</u><br>(TJN) | <u>Change Charge-TAS</u><br>(NRBAX) | (T) |
|-----------------------|--|-------------------------------------|-----|
|                       | NA   | NA                                  |     |

(B) Switched Access Service Ordering Charges

| (USOC) | <u>Switched Access<br/>Ordering Charge</u><br>(SESSE)<br><u>Per ASR</u><br>\$100.00 | <u>Design<br/>Change Charge</u><br><u>Per ASR</u><br>\$52.83 |
|--------|---|--|
|--------|---|--|

(C) 500 NXX Translation Charge

| (USOC) | <u>First NXX<br/>Per ASR/Per End Office</u><br>(NW51X)<br>\$20.00 | <u>Each Additional NXX<br/>Per ASR/Per End Office</u><br>(NW5AX)<br>\$10.00 |
|--------|---|---|
|--------|---|---|

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.6 Rates and Charges, (cont'd.)

4.6.1 Nonrecurring Charges, (cont'd.)

(D) Network Blocking Charge

Applies to FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service

Per Call  
\$.018

(E) FGA and BSA-A Optional Toll Blocking

Per FGA or BSA-A Line  
Nonrecurring Charge

(USOC™)

(CAH)  
\$5.38

(T)

(F) 0+900 Service

Per End Office  
Nonrecurring Charge

(USOC)

(N98BX)  
\$300.00

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.6 Rates and Charges, (cont'd.)

4.6.2 Switched Transport, (cont'd.)

(C) Tandem Switching Rate

| (USOC™)             | <u>Tandem Switching Rate</u><br><u>Per Access Minute</u> |
|---------------------|--|
| <u>Jurisdiction</u> |  |
| Hawaii              |  |
| Zone 1              | \$0.0012000  |
| Zone 2              | \$0.0012000  |
| Zone 3              | \$0.0012000  |

(D) Shared Multiplexing

| <u>Jurisdiction</u> | <u>Shared Multiplexing</u><br><u>Per Access</u><br><u>Minute</u> |
|---------------------|--|
| Hawaii              |  |
| Zone 1              | \$0.0000356  |
| Zone 2              | \$0.0000356  |
| Zone 3              | \$0.0000356  |

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.6 Rates and Charges, (cont'd.)

4.6.2 Switched Transport, (cont'd.)

(E) Interconnection Rate

|         | <u>Nonpremium Rate</u>                  |               | <u>Premium Rate</u>                     |               |
|---------|---|---------------|---|---------------|
|         | Telephone Company<br>Provided Transport |               | Telephone Company<br>Provided Transport |               |
|         | Per                                     | Per           | Per                                     | Per           |
|         | Originating                             | Terminating   | Originating                             | Terminating   |
|         | <u>Access</u>                           | <u>Access</u> | <u>Access</u>                           | <u>Access</u> |
|         | <u>Minute</u>                           | <u>Minute</u> | <u>Minute</u>                           | <u>Minute</u> |
| (USOC™) | \$0.0000000                             | \$0.0000000   | \$0.0000000                             | \$0.0000000   |
|         | Per EIS                                 | Per EIS       | Per EIS                                 | Per EIS       |
|         | Originating                             | Terminating   | Originating                             | Terminating   |
|         | <u>Access</u>                           | <u>Access</u> | <u>Access</u>                           | <u>Access</u> |
|         | <u>Minute</u>                           | <u>Minute</u> | <u>Minute</u>                           | <u>Minute</u> |
| (USOC)  | \$0.0000000                             | \$0.0000000   | \$0.0000000                             | \$0.0000000   |

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.6 Rates and Charges, (cont'd.)

4.6.2 Switched Transport, (cont'd.)

(F) Direct-Trunked Transport-Voiceband

| (USOC™)                    | <u>Direct-Trunked Transport Facility-</u> | (T) |
|----------------------------|---|-----|
|                            | <u>Voiceband</u>                          |     |
|                            | <u>Per Airline Mile, Per Month</u>        |     |
|                            | (1YTXS)                                   |     |
|                            | (1YLXS)                                   |     |
|                            | (1YTYS)                                   |     |
| <u>Jurisdiction</u>        |   |     |
| Hawaii On-Island           |   |     |
| Price Band A               | \$3.84                                    |     |
| Price Band B               | \$3.84                                    |     |
| Price Band C               | \$3.84                                    |     |
| N-MSA                      | \$3.84                                    |     |
| Hawaii Interisland (1YHXX) | \$2.72                                    |     |

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.6 Rates and Charges, (cont'd.)

4.6.2 Switched Transport, (cont'd.)

(G) Direct-Trunked Transport - DS1

| (USOC™)                  | <u>Direct-Trunked</u>              | <u>Direct-Trunked</u>              | (T) |
|--------------------------|------------------------------------|------------------------------------|-----|
|                          | <u>Transport-Facility - DS1</u>    | <u>Transport-Termination - DS1</u> |     |
|                          | <u>Per Airline Mile, Per Month</u> | <u>Monthly Rate</u>                |     |
|                          | (1YTXS)                            | (TRL)                              |     |
|                          | (1YLXS)                            | (TRLAX)                            |     |
|                          | (1YTYS)                            |                                    |     |
| <u>Jurisdiction</u>      |                                    |                                    |     |
| Hawaii On-Island         |                                    |                                    |     |
| Price Band A             | \$3.85                             | \$11.55                            |     |
| Price Band B             | \$4.00                             | \$12.00                            |     |
| Price Band C             | \$4.10                             | \$12.30                            |     |
| Zone 1                   | \$3.85                             | \$11.55                            |     |
| Zone 2                   | \$4.00                             | \$12.00                            |     |
| Zone 3                   | \$4.10                             | \$12.30                            |     |
| Hawaii Interisland (LR9) | NA                                 | \$359.00                           |     |

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.6 Rates and Charges, (cont'd.)

4.6.2 Switched Transport, (cont'd.)

(K) Entrance Facility - DS1

| (USOC™)      | <u>Entrance Facility - DS1</u>   |  | (T) |
|--------------|--|--|-----|
|              | <u>Each</u><br><u>Service Installation</u><br><u>Charge</u><br>(EFGDX) | <u>Monthly</u><br><u>Rate</u><br>(EFGDX) |     |
| Price Band A | \$450.00   | \$130.00                                 |     |
| Price Band B | \$450.00   | \$242.50                                 |     |
| Price Band C | \$450.00   | \$250.00                                 |     |
| Zone 1       | \$450.00   | \$130.00                                 |     |
| Zone 2       | \$450.00   | \$242.50                                 |     |
| Zone 3       | \$450.00   | \$250.00                                 |     |

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.6 Rates and Charges, (cont'd.)

## 4.6.2 Switched Transport, (cont'd.)

## (L) Entrance Facility, per DS3

| (USOC™)      | <u>Entrance Facility - DS3</u><br><u>Electrical Interface</u> |  | <u>Entrance Facility - DS3</u><br><u>Optical Interface</u> |  | (T) |
|--------------|---|--|--|--|-----|
|              | <u>Installation</u><br><u>Charge</u><br>(EFGPF)               | <u>Monthly</u><br><u>Rate</u><br>(EFGPF) | <u>Service</u><br><u>Installation</u><br>(EFGMF)           | <u>Monthly</u><br><u>Rate</u><br>(EFGMF) |     |
| Price Band A | \$1,000.00  | \$1,200.00                               | \$750.00   | \$885.00                                 |     |
| Price Band B | \$1,000.00  | \$1,626.19                               | \$750.00   | \$1,463.58                               |     |
| Price Band C | \$1,000.00  | \$1,750.00                               | \$750.00   | \$1,463.58                               |     |
| Zone 1       | \$1,000.00  | \$1,200.00                               | \$750.00   | \$885.00                                 |     |
| Zone 2       | \$1,000.00  | \$1,626.19                               | \$750.00   | \$1,463.58                               |     |
| Zone 3       | \$1,000.00  | \$1,750.00                               | \$750.00   | \$1,463.58                               |     |

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.6 Rates and Charges, (cont'd.)

4.6.2 Switched Transport, (cont'd.)

(M) Multiplexing

| (USOC™)      | <u>DS1 To Voice</u>  |             | <u>DS3 to DS1</u>    |             | (T) |
|--------------|----------------------|-------------|----------------------|-------------|-----|
|              | Service Installation | Monthly     | Service Installation | Monthly     |     |
|              | <u>Charge</u>        | <u>Rate</u> | <u>Charge</u>        | <u>Rate</u> |     |
|              | (M6W1X)              | (M6W1X)     | (MKW3X)              | (MKW3X)     |     |
|              | (M6W1A)              | (M6W1A)     | (M6W3A)              | (M6W3A)     |     |
|              | (MKW1X)              | (MKW1X)     | (M6W3X)              | (M6W3X)     |     |
| Price Band A | \$800.00             | \$190.00    | \$450.00             | \$215.40    |     |
| Price Band B | \$800.00             | \$200.00    | \$450.00             | \$396.04    |     |
| Price Band C | \$800.00             | \$205.00    | \$450.00             | \$425.00    |     |
| Zone 1       | \$800.00             | \$190.00    | \$450.00             | \$215.40    |     |
| Zone 2       | \$800.00             | \$200.00    | \$450.00             | \$396.04    |     |
| Zone 3       | \$800.00             | \$205.00    | \$450.00             | \$425.00    |     |

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(T)

HAWAIIAN TELCOM, INC.

Tariff F.C.C. No. 1

1177 Bishop Street  
Honolulu, Hawaii 96813

1<sup>st</sup> Revised Page 4-267  
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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.6 Rates and Charges, (cont'd.)

4.6.3 End Office Services

|         |                             |                               |
|---------|-----------------------------|-------------------------------|
| (A)     | Basic 800/877/888 Data Base | Premium 800/877/888 Data Base |
| (USOC™) | <u>Query Charge</u>         | <u>Query Charge</u>           |
|         | <u>Rate</u>                 | <u>Rate</u>                   |
|         | <u>Per Query</u>            | <u>Per Query</u>              |
|         | \$0.0082007                 | \$0.0082007                   |

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 4 - SWITCHED ACCESS, (cont'd.)

## 4.6 Rates and Charges, (cont'd.)

## 4.6.6 CCS7 Access Service - Dedicated Switched Access

## (A) 56 Kbps Digital Facilities

| (USOC™) | Dedicated Switched<br><u>Access Transport</u><br>(Per Airline Mile) | <u>Dedicated Switched Access Line</u> |                     | (T) |
|---------|---|---------------------------------------|---------------------|-----|
|         | <u>Monthly Rate</u>   | Nonrecurring<br><u>Charge</u>         | <u>Monthly Rate</u> |     |
|         | 1J5FS   | XSF5X                                 | XSF5X               |     |
|         | \$5.47  | \$100.00                              | \$90.52             |     |

## (B) High Capacity Digital DS1 (1.544 Mbps) Facilities

| (USOC) | Dedicated Switched<br><u>Access Transport</u><br>(Per Airline Mile) | <u>Dedicated Switched Access Line</u> |                     |  |
|--------|---|---------------------------------------|---------------------|--|
|        | <u>Monthly Rate</u>   | Nonrecurring<br><u>Charge</u>         | <u>Monthly Rate</u> |  |
|        | 1J5WS   | XSF1X                                 | XSF1X               |  |
| Zone 1 | \$34.81   | \$1,500.00                            | \$279.77            |  |
| Zone 2 | \$34.81   | \$1,500.00                            | \$279.77            |  |
| Zone 3 | \$34.81   | \$1,500.00                            | \$279.77            |  |

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.6 Rates and Charges, (cont'd.)

4.6.7 CCS7 Access Service - STP Port Termination

| (USOC <sup>TM</sup> ) | Nonrecurring<br><u>Charge</u><br>PT8SX | Monthly<br><u>Rate</u><br>PT8SX | (T) |
|-----------------------|--|---------------------------------|-----|
|                       | \$64.00                                | \$323.37                        |     |

4.6.8 CCS7 Access Service - SS7 Transport

| (USOC) | Primary STP<br>to Primary STP<br><u>Monthly Rate</u><br>S7TPP | Primary STP<br>to Any Local STP<br><u>Monthly Rate</u><br>S7TPL |
|--------|---|---|
|        | \$900.00  | \$600.00  |

4.6.9 Assumed Minutes of Use Monthly Surrogate

| <u>Per Two Way<br/>Line /Trunk</u> |                         | <u>Per One Way<br/>Line/Trunk<br/>Originating<br/>Only</u> |                         | <u>Terminating<br/>Only</u> |                         |
|------------------------------------|-------------------------|--|-------------------------|-----------------------------|-------------------------|
| <u>FGA or<br/>BSA-A</u>            | <u>FGB or<br/>BSA-B</u> | <u>FGA or<br/>BSA-A</u>                                    | <u>FGB or<br/>BSA-B</u> | <u>FGA or<br/>BSA-A</u>     | <u>FGB or<br/>BSA-B</u> |
| (1)                                | (1)                     | (1)  | (1)                     | (1)                         | (1)                     |

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(1) This jurisdiction either has all existing services measured or have no customers at this time. In the event an ASR is received for a new customer and there is no measurement capability for the office requested, a traffic study will be made to establish a surrogate and such surrogate will be tariffed.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 4 - SWITCHED ACCESS, (cont'd.)

4.6 Rates and Charges, (cont'd.)

4.6.11 Basic Service Elements, (cont'd.)

(J) Billed Number Screening (BNS) - BSE

Monthly Recurring Rate  
Per Line Screened  
(RTVXQ)

\$2.00

4.6.12 Carrier Identification Parameter (CIP)

| (USOC™) | Non-Recurring<br>Charge-Per CIC,<br>Per End Office<br>Direct Trunk<br><u>Group</u><br>(U7CEG) | Non-Recurring<br>Charge Per CIC,<br>Per Access Tandem<br>Direct Trunk<br><u>Group</u><br>(U7C) | Monthly Recurring<br>Charges<br><u>Per Trunk</u><br>(U7CPT) | (T) |
|---------|---|--|---|-----|
|         |   |  |   |     |
|         | \$80.00   | \$1,120.00   | \$0.46  |     |

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.2 Description of Special Access, (cont'd.)

The Customer also has the option of ordering Voiceband and analog and digital high capacity facilities to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the Hubs, as well as the number of individual channels which may be derived from each type of facility, are set forth in 5.5. Additionally, the Customer may specify supplemental features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the supplemental features available are set forth in 5.4.

For example, a Customer may order a DS3 from a CDL to a Telephone Company Hub for multiplexing to 28 DS1 channels. The DS1 channels may be further multiplexed at the same or a different Hub to Voiceband channels or may be extended to other CDLs. Optional features may be added to either the DS1 or the Voiceband channels.

## 5.2.1 Voiceband

## (A) Two-Wire Voiceband Facility (USOC™ - XDM++, XDN++; XDV++)

(T)

These facilities are unconditioned and are capable of transmitting voice or data signals within the frequency spectrum of approximately 300 Hz to 3000 Hz. These facilities are furnished on a two-point or multipoint basis and may be terminated two-wire or four-wire at the point of termination. They permit the simultaneous transmission of information in both directions over a circuit, but it is not possible to ensure independent information transmission in both directions. Supplemental features may be added, at applicable charges, to enhance the operational capabilities of these facilities.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.2 Description of Special Access, (cont'd.)

5.2.1 Voiceband, (cont'd.)

(B) Four-Wire Voiceband Facility (USOC<sup>TM</sup> - XDN++, XDV++)

(T)

These facilities are unconditioned and are capable of transmitting voice or data signals within the frequency spectrum of approximately 300 Hz to 3000 Hz. The facilities are furnished on a two-point or multipoint basis and may be terminated two-wire or four-wire at the point of termination. When terminated four-wire, they permit simultaneous independent transmission of information in both directions over a circuit. However, when terminated two-wire, simultaneous independent transmission cannot be supported. Supplemental features may be added, at applicable charges, to enhance the operational capabilities of these facilities.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.2 Description of Special Access, (cont'd.)

## 5.2.2 Program Audio

These facilities are arranged and provided for the transmission of audio to be broadcast or which is to be used in connection with loudspeakers, wired music, closed circuit or recordings. Audio facilities are furnished for transmission in one direction. Audio facilities may be provided on a two-point or multipoint basis.

Program audio facilities are provided on either a full-time or part-time basis. The minimum periods for full-time and part-time service are set forth in Section 3.2.4. When a part-time program audio service is provided for ten or more consecutive days, it will be treated as a full-time service and rated accordingly. In no event will the charge for continuous part-time program audio exceed the amount that would have been charged in the same time period for full-time program audio facilities.

Listed below are the types of Program Audio facilities that are offered under this tariff.

- (A) 200 to 3500 Hz (USOC™ - XDP1D; XDP1M)

(T)

Facilities are generally acceptable for speech quality programming and are subject to use over limited distance due to transmission factors.

- (B) 100 to 5000 Hz (USOC - XDP2D; XDP2M)

Facilities are generally acceptable for music and provide good quality speech programming.

- (C) 50 to 8000 Hz (USOC - XDP3D; XDP3M)

Facilities for the provision of high fidelity music transmission.

- (D) 50 to 15000 Hz (USOC - XDP4D; XDP4M)

Facilities for the provision of high fidelity music transmission. Two such facilities may be conditioned, at applicable charges, for stereo operation.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.2 Description of Special Access, (cont'd.)

5.2.3 Hawaiian Telcom Video Transport Services<sup>SM</sup> (USOC<sup>TM</sup> - XDT1D; XDT1M)

## (A) General

Hawaiian Telcom Video Transport Services facilities are arranged and provided for the transmission of television to be broadcast or used in connection with viewing, recording, managing or editing of moving pictures or video frames of information.

The Telephone Company will have no control over, nor be responsible for the video program signal generation or program content connected by the Customer to the transmission path provided by the Telephone Company.

The Telephone Company will supply and maintain network interface equipment at the Customer location as part of this offering. The Customer will supply appropriate terminal equipment beyond the demarcation point which complies with the required specifications to interface with the Telephone Company's terminal interface. The Telephone Company is not responsible for the quality of the video signal originating or terminating in Customer provided equipment.

There are two categories of Hawaiian Telcom Video Transport Services: Type I (Temporary Facility) and Type II (Permanent Facility).

Hawaiian Telcom Video Transport Services Type I facilities are furnished for two point unidirectional transmission or, when run through the Telephone Company's hub, multipoint unidirectional capabilities are available and Hawaiian Telcom Video Transport Services Type II facilities are furnished for two-point or multipoint unidirectional or bidirectional transmission of United States 525 line/60 field standard monochrome and National Television Systems Committee (NTSC) color television baseband video signals and the associated audio signals.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.2 Description of Special Access, (cont'd.)

5.2.3 Hawaiian Telcom Video Transport Services<sup>SM</sup> (USOC<sup>TM</sup> - XDT1D; XDT1M), (cont'd.)

(D)

(D)

(T)

## (B) Hawaiian Telcom Video Transport Services - Type I (Temporary Facility)

Hawaiian Telcom Video Transport Services - Type I are provided on a full-time or part-time (temporary) basis. The minimum periods are set forth in 3.2.4 and 3.2.5 preceding. The monthly rates and nonrecurring charges for full-time Hawaiian Telcom Video Transport Services Service - Type I will be developed on an Individual Case Basis. The hourly rates and nonrecurring charges for temporary service are those set forth in Section 5.7.4(A).

There is a maximum monthly charge that may be assessed to any temporary Hawaiian Telcom Video Transport Services Service - Type I, as described in Section 5.6.1(C).

Technician Standby is a nonoptional arrangement furnished only in conjunction with temporary Hawaiian Telcom Video Transport Services Service - Type I. Technician Standby provides for Telephone Company monitoring of the temporary video broadcast to ensure satisfactory transmission. The Telephone Company will determine the location of the video technician. At the option of the Customer, additional technicians will be made available during the temporary broadcast; the Customer will be assessed the Technician Standby charge, as set forth in Section 5.7.4(A), for each additional technician.

A Customer may request (as an option) an active, alternate temporary Type I Hawaiian Telcom Video Transport Services transmission path for use in the event that the primary service becomes inoperative. This is referred to as a "hot standby" facility. The charge for this additional service will be the nonrecurring charges and hourly rates set forth in Section 5.7.4(A) for Temporary Hawaiian Telcom Video Transport Services- Type I Facilities. Technician Standby charges are not applicable to the "hot standby" facility.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.2 Description of Special Access, (cont'd.)

5.2.3 Hawaiian Telcom Video Transport Services<sup>SM</sup> (USOC<sup>TM</sup> - XDT1D; XDT1M) , (cont'd.)

## (C) Hawaiian Telcom Video Transport Services Services - Type II

Hawaiian Telcom Video Transport Services Type II Service includes TV1-Analog, Up to 45 Mbps, and 270 Mbps offerings.

Hawaiian Telcom Video Transport Services Service - Type II/TV1-Analog is a video transport system for the transmission of broadcast quality video signals. These technical specifications are set forth below. Hawaiian Telcom Video Transport Services Service - Type II is available to Customers connected to the network via existing fiber optic or other compatible facilities. Customers requesting Hawaiian Telcom Video Transport Services Service - Type II who are not served by compatible facilities may request the Telephone Company to provide such facilities in accordance with the Special Construction provisions in Tariff F.C.C. No. 3.

The Telephone Company will provide technical support at its hub wire centers on a 24 hour, 7 days per week basis. This support will provide for the establishment, testing and termination of the facility transmission path from the Customer location to the video carrier's location. The Telephone Company is authorized, on behalf of the Customer, to take whatever action is appropriate to sustain a video transmission within the technical specifications.

TV1-Analog and 45 Mbps Hawaiian Telcom Video Transport Services <sup>□</sup>Services meet EIA/TIA RS250-C specifications.

Refer to SMPTE 259M-1997 for additional technical specifications associated with Hawaiian Telcom Video Transport Services Type II - 270 Mbps.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.2 Description of Special Access, (cont'd.)

5.2.4 Wideband Analog (USOC™ - XDW++)

(T)

These facilities are two-point and are furnished between CDLs or between a CDL and a Telephone Company designated Hub Wire Center where multiplexing is offered. The three types of Wideband Analog facilities are:

- (A) Group band facilities with a bandwidth from 60 kHz to 108 kHz for the transmission of a 12 circuit frequency division multiplexer (FDM) group.
- (B) Supergroup band facilities with a bandwidth from 312 kHz to 552 kHz for the transmission of a 60 circuit FDM supergroup.
- (C) Mastergroup band facilities with a bandwidth from 564 kHz to 3084 kHz for the transmission of a 600 circuit FDM mastergroup.

5.2.5 Wideband Data Service (USOC - XDL++) \*

These analog facilities are arranged and furnished for two-point simultaneous two-way transmission of high speed data between two CDLs. These facilities are normally utilized for the following data speeds: 19.2 Kbps, 50 Kbps, 56 Kbps and 230.4 Kbps.

\* Limited to those services so equipped and in service as of December 29, 1991.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.2 Description of Special Access, (cont'd.)

## 5.2.6 High Capacity Digital (USOC™ - XDH++)\* (T)

These facilities are two-point and are furnished between CDLs or between a CDL and a Telephone Company designated Hub Wire Center where multiplexing is offered. High Capacity facilities may be used to provide Special Access Lines as set forth in 5.1.1(B)(2). A High Capacity to Voice multiplexing arrangement, as described in Section 5.5, is required at the Hub Wire Center. High Capacity DS1 and DS3 services may also be connected to Customer transmission equipment and facilities where the Customer is provided EIS as defined in Section 17.

- (A) DS1 facilities provide for the transmission of isochronous bipolar serial data at a rate of 1.544 Mbps.
- (B) DS1C facilities provide for the transmission of isochronous bipolar serial data at a rate of 3.152 Mbps.
- (C) FT1 facilities are furnished for the transmission of isochronous bipolar serial data and are available at transmission rate groupings of N x 56 Kbps or N x 64 Kbps where N equals 2, 4, or 6. FT1 channels are contiguous within the network and can be used to create a wideband circuit using Customer provided equipment. When N x 64 FT1 is ordered in conjunction with DS1 service for multiplexing purposes, the DS1 must have Clear Channel Capability as described in 5.8.4. FT1 Service at a rate of N x 64 Kbps will only be provided where Clear Channel Capability is available in the network. Where Clear Channel Capability is not available, N x 56 Kbps service can be provided in lieu of N x 64 Kbps.

\* High Capacity DS1 and DS3 services may be provided between service areas shown under 5.2.6(H), where facilities and conditions permit.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.2 Description of Special Access, (cont'd.)

## 5.2.6 High Capacity Digital\*(USOC™ - XDH++), (cont'd.)

- (D) FiberConnect service facilities which are only available as an OPP, provide for the transmission of an isochronous serial data stream at a rate of 6.312 Mbps, encoded and converted to a signal suitable for optical transport. FiberConnect service is transmitted on fiber optic cable. When FiberConnect is provided with a fiber optic interface at the CDL, a single transmission channel is provided with a data rate dependent on the Telephone Company fiber optic terminal equipment used to provision the facility. When FiberConnect is provided with an electrical interface, four transmission channels of 1.544 Mbps each are provided at the interface.

Fiber Optic Interface denotes the termination of service with single mode fiber optic cable at the Customer premises. When this interface is selected, it is the Customer's responsibility to provide the optical line termination at his premises. This equipment must be compatible with the Telephone Company provided equipment.

FiberConnect is offered only on a protected basis between a CDL and its serving wire center. FiberConnect is not available with multipoint services. Special Transport between serving wire centers for FiberConnect is ordered as 1, 2, 3 or 4 DS1s.

- (E) DS3 facilities provide for the transmission of isochronous bipolar serial data at a rate of 44.736 Mbps. The Telephone Company will provide either an interface with Telephone Company electronics (electrical) or without Telephone Company electronics (optical) at the option of the Customer. Ordering conditions are set forth in 3.1.1(F). EIS is not available with DS3 services provided with an optical interface.
- (F) DS3C facilities provide for the transmission of isochronous bipolar serial data at a rate of 89.472 Mbps. The Telephone Company will provide an optical interface with this service unless the service is provided via microwave, in which case an electro-magnetic interface is provided, or unless the Customer requests an electrical interface. Ordering conditions are set forth in 3.1.1(F).
- (G) E1 facilities provide for the transmission of isochronous bipolar serial data at a rate of 2.048 Mbps. E1 facilities are only provided with an electrical interface.

\* High Capacity DS1 and DS3 services may be provided between service areas shown under 5.2.6(H), where facilities and conditions permit.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.2 Description of Special Access, (cont'd.)

## 5.2.6 High Capacity Digital\*(USOC™ - XDH++), (cont'd.)

(H) [Reserved for Future Use]

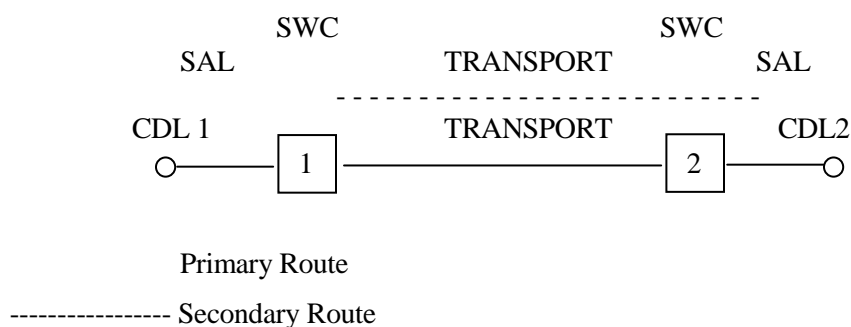
## 5.2.7 DS1/DS3/FiberConnect Enhanced Access Diversity (EAD)

Where the appropriate facility routes and/or capacity exists, the Telephone Company will provide, at the option of the Customer, the following types of Enhanced Access Diversity for DS1/DS3/FiberConnect service.

EAD will be provided utilizing existing routes and facilities in the configurations described and illustrated in (A), (B) or (C). Other diverse routing arrangements may be provided if suitable facilities are available under the terms and conditions of Special Facilities Routing of FIA in Section 9.

EAD will be provided at rates and charges for the DS1/DS3/FiberConnect as set forth in 5.7.18.

## (A) Common Wire Center, Separate and/or Common Facilities Diversity



Diversity from one CDL serving wire center to a second CDL serving wire center. This type of diversity is for interoffice transport only.

Two diverse circuits between serving wire centers. The SAL portion may be diverse if facilities are available.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.2 Description of Special Access, (cont'd.)

5.2.8 Digital Data Service (USOC<sup>TM</sup> - XDD++)

Facilities for Digital Data Service are furnished for the simultaneous two-way transmission of synchronous data and are available at transmission speeds of: 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps, 56 Kbps or 64 Kbps. Digital Data facilities may be provided on a two-point or multipoint basis.

## 5.2.9 Bonded Digital Link Service

## (A) Service Description

Bonded Digital Link Service provides connecting channels for the transmission of voice or data between an end user's local exchange service terminating at a digital cross connect facility and special access service provided by the Telephone Company within the same wire center or at another wire center within the same LATA.

Bonded Digital Link Service is comprised of Intra-office channels (channels within a single wire center) or Inter-office channels (channels between two wire centers) connecting the wire centers of the locations involved. The minimum transmission rate for the service is 64 kbps in a DSO channel. The Telephone Company will provide for the transmission of DS0 channels within a DS1 signal of the Customer's (the end user) associated local exchange service from the digital cross connect facility in the Customer's serving wire center to a 64 kbps channel of a Customer's DS1 to Digital central office multiplexing arrangement within the same wire center or in a different wire center. The total number of DS0s on a Bonded Digital Link Service channel may not exceed the total capacity of the DS1 or equivalent service to which it is connected.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.4 Description of Supplemental Features

Supplemental Features are items which can be added to a Special Access service to provide enhanced capabilities or improve its utility. References to specific uses or Special Access types indicate the most effective use for each Supplemental Feature. Customer use for other purposes or with other Special Access types is limited only to the extent that such use must not harm the network. Further, the Telephone Company does not guarantee functional operation of Supplemental Features for these alternate applications.

Listed below are the Supplemental Features that are offered under this tariff.

## 5.4.1 Bridging

Bridging is the function of connecting three or more CDLs in a multipoint arrangement. Listed below are those bridging services offered under this tariff.

(A) MultiPoint Data Bridging (USOC<sup>TM</sup> - B5NDJ)

(T)

This feature provides the capability to derive a multipoint data circuit from a single facility and is normally provided on Voiceband facilities provided for transmission of data signals. This function is provided on a per port basis. Polled multipoint data circuits are a typical application of this feature.

## (B) Voice Conference Bridging (USOC - B5NVJ)

Bridging arrangement to connect multiple Voiceband facilities in order that a voice frequency input signal from any location will be reproduced at the output of all other circuit locations. This function is provided on a per port basis.

## (C) Alarm Distribution Bridging (USOC - BCNTA)

Provides polling type bridging capabilities, band splitting filters and conversion of four-wire common terminations up to a capacity of 40 two-wire terminations. This function is offered as two tariff elements. The first element provides all shelving and common equipment for a capacity of 40 two-wire terminations. The second element provides a two-wire port. One common equipment rate element will apply to accommodate up to 40 two-wire terminations. One two-wire port charge will apply to each two-wire Special Access Line terminated in the bridge.

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.4 Description of Supplemental Features, (cont'd.)

5.4.1 Bridging, (cont'd.)

(D) Program Audio Bridging (USOC<sup>TM</sup> - BCNPT)

(T)

An arrangement to provide multiple channel outputs from a single Program Audio or Voiceband facility. This arrangement is provided and rated on a per port basis.

(E) DDS Bridging (USOC - BCNDA)

Provides for a multi-junction unit (MJU) arrangement to bridge 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, 56 or 64 kbps DDS facilities. Different speeds cannot be mixed on the same bridge. This function is provided on a per port basis.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.4 Description of Supplemental Features, (cont'd.)

## 5.4.3 Conditioning - Program Audio

(A) Stereo Conditioning (USOC<sup>TM</sup> - XSC)

Provides the option of two radio program facilities which are identical in all transmission characteristics. Two Program Audio facilities are required to provide this Supplemental Feature. This feature is normally used only with Program Audio 50 to 15000 Hz facilities. Stereo Conditioning is charged on a per occurrence basis.

## (B) Zero Loss (USOC - XZB)

Conditioning of Program Audio facilities to provide zero loss at 1000 Hz test frequency. Zero Loss is charged on a per Special Access Line basis.

## 5.4.4 Signaling Arrangements (USOC - OS+; XSSLR)

Signaling arrangements, when furnished with Voiceband transmission facilities, enable the facilities to accommodate standard telecommunications signaling protocols. Signaling arrangements provide for the conversion of one signaling method to another signaling method and/or extension of a signaling method at Customer and Telephone Company interfaces and enables the transmission facilities to accommodate signaling transmission. Signaling arrangements are available with Voiceband transmission facilities to enable transmission of requested signaling formats. The third and fourth protocol characters of the Network Channel Interface (NCI<sup>TM</sup>) and Secondary Network Channel Interface (SEC NCI) codes as indicated on the Customer's order, reflect signaling activity. Typical protocol characters contained in the NCI or SEC NCI codes that designate signaling arrangements are: AB, AC, DS, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, NO, RV and SF.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.4 Description of Supplemental Features, (cont'd.)

5.4.4 Signaling Arrangements (USOC<sup>TM</sup> - OS+; XSSLR), (cont'd.)

The Customer identified NCI<sup>TM</sup> and SEC NCI codes will be considered the Customer's request for signaling. The Telephone Company will endeavor to provide the specific signaling protocols requested by the Customer. In those cases where facilities and equipment are not available to meet the Customer's specific requests, the Telephone Company will provide the Customer acceptable alternate protocols. Sections 3300, 6000 and 7000 of the GTE Technical Interface Reference Manual provide detailed technical descriptions of the signaling protocols normally available with each service offering. To properly provision SF signaling, when associated signaling code, is DS (PCM), additional information of SF requirements (loop signaling type DX/E&M or ringdown) must accompany the Customer's order.

Signaling arrangement charges apply whenever interfaces at the Customer premises or at the Customer's Telephone Company serving wire center require a signaling arrangement other than those provided with the Terminating Options in 5.3.2 preceding. Signaling Arrangements will be charged on a per SAL basis. Specifically, a signaling charge applies if the signaling protocol characters in the NCI and the SEC NCI fields are different and include one of the following codes: RV, EX, SF, DX, DY, DS, AB.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.4 Description of Supplemental Features, (cont'd.)

## 5.4.4 Signaling Arrangements, (cont'd.)

For the above conditions, one additional signaling charge applies for each additional leg of multipoint circuit. When a Multiplexing Arrangement is ordered that converts a single higher capacity or bandwidth circuit into several lower Voiceband circuits, the Voiceband Signaling Arrangements are provided as part of the Multiplexing Arrangement, and no additional Signaling Arrangement charges will apply.

A signaling charge applies in addition to any other applicable signaling charge when loop range extension equipment is required. The Telephone Company will obtain Customer approval for signaling range extension equipment.

Listed below are the Signaling Arrangements offered under this tariff:

- (A) Loop Signaling Range Extension - An arrangement to extend the metallic resistance limitations of loop type signaling. (USOC<sup>TM</sup> - OSA) (T)
- (B) Conversion of Loop or E&M Signaling to SF - An arrangement to convert loop or E&M signaling to the single frequency signaling format. (USOC - OSB)
- (C) E&M to DX Signaling Conversion - Conversion of E&M signaling to the DX signaling format. (USOC - OSC)
- (D) E&M to Loop Signaling Conversion - Conversion of E&M signaling format to the loop type signaling. (USOC - OSD)
- (E) Loop or E&M to PCM Signaling - Conversion of loop or E&M signaling to the digital (PCM) signaling format. (USOC - OSN)
- (F) Automatic Ringdown Signaling (ARD) - A signaling arrangement on a two-point Special Access which converts loop seizure at one end of the facility into ringing signal at the opposite end. (USOC - XSSLR)

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.4 Description of Supplemental Features, (cont'd.)

5.4.5 Echo Control

(A) Echo Suppression (USOC™ - OE1)

(T)

An arrangement provided at the Customer's request to attenuate reflected speech energy on a four-wire facility. This conditioning is generally required on circuits with long propagation delay. Echo suppression is charged on a per Special Access circuit basis. Echo suppression is an obsolete service offering and is applicable only to those circuits equipped with echo suppression prior to January 1, 1987. Any service rearrangements or order activity on the circuits equipped with echo suppression may require a change to echo canceller as described in 5.4.5(B) following.

(B) Echo Canceller (USOC - ORJ)

An arrangement provided at the Customer's request to cancel reflected speech energy on a four-wire facility. This conditioning is generally required on circuits with long propagation delay. Echo canceller is charged on a per Special Access circuit basis.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.4 Description of Supplemental Features, (cont'd.)

## 5.4.6 Improved Return Loss (USOC™ - 1RL)

(T)

Improved Return Loss provides for increased echo return and singing return parameters of an effective two-wire channel. This optional feature is available with certain Voiceband services at a two-wire point of termination when the transmission interface is four-wire at one CDL and two-wire at the other CDL. Placement of Telephone Company equipment may be required at the Customer's premises with the two-wire point of termination.

Improved Return Loss rates and charges will apply on a per Special Access Line basis at the rates specified in 5.7.2(B) following. Technical parameters and the applicable Voiceband services are specified in Section 7000 of the GTE Technical Interface Reference Manual.

## 5.4.7 Voiceband Facility Switching Arrangement (USOC - UST)

An arrangement to provide switching between two Voiceband Special Access Services. This arrangement may require a Voiceband control circuit to control the switching arrangement at an additional charge.

## 5.4.8 Automatic Protection Switch (USOC - APP)

Consists of special switching equipment placed at both ends of a duplicate DS1 facility (i.e., DS1, High Capacity Circuit) for automatic switching to the duplicate (standby) facility in the event the active facility is inoperative.

Duplicate facilities may terminate at a serving wire center, a CDL or both. The option provided under this tariff only includes the APS(s) located at a serving wire center(s). When the duplicate facility terminates at a CDL, the Customer will be responsible for providing the associated APS and ensuring it is compatible with the Telephone Company provided switch if appropriate.

The duplicate facilities are not a part of this supplemental feature.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.4 Description of Supplemental Features, (cont'd.)

## 5.4.9 Improved Termination Option (USOC™ - X4T)

(T)

Improved Termination provides for a fixed 600 ohm impedance, an increased range of transmission levels, and simplex reversal (when applicable) on an effective four-wire channel. This optional feature is available with most Voiceband services with a four-wire point of termination. Telephone Company equipment is required at the Customer's premises where this option is ordered.

The Improved Termination option will be ordered and rates and charges, as set forth in 5.7.2(B) following, will apply on a per SAL basis. Technical parameters and the applicable Voiceband services are specified in Section 7000 of the GTE Technical Interface Reference Manual.

## 5.4.10 Improved Equal Level Echo Path Loss Option - ELEPL-2 (USOC - ORP)

This option provides improved echo control parameters for an effective two-wire channel at a four-wire point of termination. Placement of Telephone Company equipment may be required at the Customer's premises with the two-wire point of termination.

The term "Equal Level Echo Path Loss" (ELEPL) represents the measure of Echo Path Loss (EPL) at a four-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP), i.e.,  $ELEPL = EPL - TLP \text{ (send)} + TLP \text{ (receive)}$ .

Improved ELEPL rates and charges will apply on a per SAL basis at the rates set forth in 5.7.2(B) following. Technical parameters are specified in Section 7000 of the GTE Technical Interface Reference Manual.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.4 Description of Supplemental Features, (cont'd.)

5.4.11 Digital Data Service Secondary Channel (USOC™ - SCA24; SCA48; SCA96; SCA56)

(D)

(D)

(T)

This feature is offered on an optional basis to Customers of Digital Data Service. It is a separate, slower speed digital channel that operates in parallel with the companion Digital Data Service primary channel. The secondary channel allows for remote control and testing of the network and peripheral devices without taking the network out of service and without lowering the speed of the primary Digital Data Service channel. This feature is not available with 19.2 Kbps or 64 Kbps Digital Data Service.

Rates and charges as set forth in 5.7.5(C) will apply on a per Digital Data Service SAL basis (each end of a two-point circuit and all ends of a multi-point circuit).

The provisioning of this option to existing Digital Data Service requires the discontinuance of the existing Digital Data Service and the establishment of new Digital Data Service for both ends of a two-point circuit and all ends of a multi-point circuit. The nonrecurring charges associated with the installation of Digital Data Service will apply.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.5 Description of Multiplexing Arrangements

Multiplexing Arrangements provide the function to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a DS1C may be de-multiplexed to two DS1 facilities and then the DS1 facilities may be further de-multiplexed to 24 Voiceband channels.

When cascading multiplexing is performed in the same or different Hub Wire Center, a charge for the additional multiplexing unit will also apply. When cascading multiplexing is performed at a different Hub Wire Center, Special Transport will also apply between the involved Hub Wire Centers.

Listed below are the multiplexing arrangements offered under this tariff.

5.5.1 Group to Voice (USOC<sup>TM</sup> - MQV++)

(T)

An arrangement that multiplexes twelve voice grade circuits to a single wideband analog group band circuit, or multiplexes a single wideband analog group band circuit to twelve voice grade circuits.

## 5.5.2 Supergroup to Group (USOC - MQS++)

An arrangement that multiplexes five wideband analog group band circuits to a single wideband analog supergroup band circuit, or multiplexes a single wideband analog supergroup band circuit to five wideband analog group band circuits.

## 5.5.3 Mastergroup to Supergroup (USOC - MQ9++)

An arrangement that multiplexes ten wideband analog supergroup band circuits to a single wideband analog mastergroup band circuit, or multiplexes a single wideband analog mastergroup band circuit to ten wideband analog supergroup band circuits.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.5 Description of Multiplexing Arrangements, (cont'd.)

## 5.5.4 DS1 to Voice (USOC™ - MQ1)

(T)

An arrangement that multiplexes twenty-four voice grade circuits to a single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to twenty-four voice grade circuits. If this DS1 terminates in a DDS hub, a channel(s) of the DS1 can be used to provide DDS; however, DDS service stops at the DS1 interface. Multiple channels may be required to provide individual Program Audio Channels.

Up to 16 channels of this DS1 can be used for Direct Digital Service (DDS-like service) with the assurance that circuit performance parameters will be met. If more than 16 channels are used for DDS-like service, the performance parameters for the DS1 and all circuits riding the DS1 will not be guaranteed.

FT1 can be used in conjunction with DS1 to Voice Multiplexing in groupings of N x 56 Kbps or N x 64 Kbps where N = 2, 4 or 6, to a single DS1 digital circuit at a rate of 1.544 Mbps.

## 5.5.5 DS1C to Voice (USOC - MQH++)

An arrangement that multiplexes forty-eight voice grade circuits to a single DS1C digital circuit at a rate of 3.152 Mbps, or multiplexes a single DS1C digital circuit at a rate of 3.152 Mbps to forty-eight voice grade circuits.

## 5.5.6 DS1C to DS1 (USOC - MXH++)

An arrangement that multiplexes two DS1 digital circuits to a single DS1C digital circuit at a rate of 3.152 Mbps, or multiplexes a single DS1C digital circuit at a rate of 3.152 Mbps to two DS1 digital circuits.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.5 Description of Multiplexing Arrangements, (cont'd.)

## 5.5.7 DS3 to DS1 and/or E1 (USOC™ - MXB++)

(T)

An arrangement that multiplexes twenty-eight DS1 digital circuits to a single DS3 digital circuit at a rate of 44.736 Mbps, or multiplexes a single DS3 digital circuit at a rate of 44.736 Mbps to twenty-eight DS1 digital circuits.

In addition, where E1 service is available, this arrangement is capable of multiplexing:

- (1) twenty-one E1 digital circuits
- (2) four DS1 and eighteen E1 digital circuits
- (3) eight DS1 and fifteen E1 digital circuits
- (4) twelve DS1 and twelve E1 digital circuits
- (5) sixteen DS1 and nine E1 digital circuits
- (6) twenty DS1 and six E1 digital circuits
- (7) twenty-four DS1 and three E1 digital circuits

to a single DS3 digital circuit at a rate of 44.736 Mbps, or a single DS3 digital circuit at a rate of 44.736 Mbps to one of the combinations set forth in (1) through (7) above.

## 5.5.8 DS3C to DS1 (USOC - MQT++)

An arrangement that multiplexes fifty-six DS1 digital circuits to a single DS3C digital circuit at a rate of 89.472 Mbps, or multiplexes a single DS3C digital circuit at a rate of 89.472 Mbps to fifty-six DS1 digital circuits.

## 5.5.9 Group to DS1 (USOC - MQG++)

An arrangement that multiplexes two wideband analog groupband circuits to a single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to two wideband analog groupband circuits.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.5 Description of Multiplexing Arrangements, (cont'd.)

5.5.10 Digital Data Carrier Multiplexer (USOC<sup>TM</sup> - QMU)

(T)

An arrangement that multiplexes a single DS1 1.544 Mbps digital circuit to twenty-three DSO digital ports for connection to either a subrate data multiplexer as described in 5.5(K) following or 56 Kbps digital circuits.

5.5.11 Digital Data Subrate Multiplexer (USOC - QSU24; QSU48; QSU96)

Used with cascading multiplexing, the Digital Data Subrate Multiplexer is an arrangement that multiplexes the following quantities of subrate digital data circuits into a single DSO digital port: 1) twenty 2.4 Kbps, 2) ten 4.8 Kbps or 3) five 9.6 Kbps. In turn, the DSO digital port is then multiplexed to a single DS1 digital circuit using the Digital Data Carrier Multiplexer described in 5.5.10 preceding.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.6 Rate Regulations, (cont'd.)

## 5.6.1 Types of Rates and Charges, (cont'd.)

## (E) Zone Density Plan - Special Access

The Zone Density Rate Plan is a pricing unit for rating High Capacity Special Access DS1 and DS3 Services. The Zone Density Plan assigns every Serving Wire Center (SWC) to one of three zones. The Serving Wire Center, CLLI<sup>(TM)</sup> Codes and zones are listed in Section 19. Zone 1/Band A SWCs have the highest density of services, Zone 2/Band B SWCs have intermediate density of services and Zone 3/Band C SWCs have the lowest density of services. Zone Density Plan rates become effective in a study area concurrent with the first operational Expanded Interconnection Service (EIS), as described in Section 17, in that study area.

The Zone Density Plan for Special Access is applicable only to DS1 (1.544 Mbps) and DS3 (44.736 Mbps) services.

## (1) Zone Density rates are set forth in Sections:

- 5.7.6 - Multiplexing Arrangements
- 5.7.7 - High Capacity Digital DS1
- 5.7.10 - High Capacity Digital DS3 Three System
- 5.7.11 - High Capacity Digital DS3 Unlimited System
- 5.7.12 - High Capacity Digital DS3 Individual System
- 5.7.13 - High Capacity Digital DS3 Group System\*
- 5.7.14 - High Capacity Digital DS3 Transport
- 5.7.15 - DS3 Multiplexer Cross Connect Arrangement
- 5.7.18 - DS1 Term Volume Plan
- 5.8.5 - Clear Channel Capability

## (2) Special Access Lines and Transport Terminations are rated according to the Zone of the SWC where they are located.

## (3) Special Transport provisioned between SWCs in two different zones will be rated at the higher zone rate.

## (4) Zone Density Plan for special access provided by more than one telephone company will be provided as set forth in Section 2.7.4(B).

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.6 Rate Regulations, (cont'd.)

## 5.6.1 Types of Rates and Charges, (cont'd.)

## (F) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity, (i.e., installation of service or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are those listed below.

## (1) Design Change Charge (USOC™ - H28)

(T)

The Customer may request a design change to the service ordered. A design change is any change to a pending ASR for Special Access Service which requires engineering review. Design changes include such things as the addition or deletion of supplemental features or changes in the terminating options. Design changes do not include a change of IC CDL or end user premises when its serving wire center changes or Special Access service type (e.g., 2-wire to 4-wire Voiceband or Voiceband to Program Audio, etc.). Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR. The cancellation charges apply as set forth in 3.2.6 preceding.

The Telephone Company will review the requested change, notify the Customer whether the change can be accommodated and specify if a new service date is required. If the Customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply.

The Design Change Charge, as set forth in 5.7.1 following, will apply on a per ASR per occurrence basis, for each ASR requiring a design change.

If a change of service date is required, the Service Date Change Charge as set forth in Section 3 preceding will also apply.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.6 Rate Regulations, (cont'd.)

5.6.1 Types of Rates and Charges, (cont'd.)

(F) Nonrecurring Charges, (cont'd.)

(3) Installation of FiberConnect, FT1, DS3, E1 and DS1 Special Access Lines

(a) FiberConnect Service Optional Payment Plan (OPP) Arrangement

Customers subscribing to the FiberConnect OPP arrangements, at rates set forth in 5.7.9, will be assessed a nonrecurring charge. The NRC represents the termination of four DS1 equivalent SALs on a single fiber optic transmission system. The Customer must indicate on the ASR the Network Channel Interface (NCI<sup>TM</sup>) code for either electrical or fiber optic termination.

(T)

The NRC for installation of a FiberConnect OPP SAL as set forth in 5.7.9(A) or (B) will apply to existing FiberConnect OPP Customers when required for changes and other service rearrangements as set forth in 5.6.1(E)(6).

(b) Fractional T1 Standard Arrangements

Customers subscribing to Fractional T1 service, at rates set forth in 5.7.9(A), will be assessed a nonrecurring charge. The NRC for Fractional T1 service will be assessed per SAL.

(c) Fractional T1 Optional Payment Plan (OPP) Arrangements

Customers subscribing to the Fractional T1 OPP arrangements, at rates set forth in 5.7.10(B), will not be assessed a nonrecurring charge.

The Regulations in Section 5.6.1(E)(6) will apply to FT1 OPP Customers when required for changes and other service rearrangements.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.6 Rate Regulations, (cont'd.)

5.6.8 Hawaiian Telcom Video Transport Services<sup>SM</sup> Services, (cont'd.)

## (B) Type II, (cont'd.)

## (4) Use of Hawaiian Telcom Video Transport Services - Type II Facilities for Other Than Video Transport

Type II facilities are designed for the express use of Type II video connections. Use of these facilities for transmission of other than video and the associated audio signals, by the Customer, may result in interference or impairment of telephone company facilities and will be subject to the provisions in Section 2.2.2.

5.6.9 Special Access Surcharge (USOC<sup>TM</sup> - S25)

(T)

Pending the development of techniques to accurately measure usage of local facilities which are interconnected by users by means of interstate or foreign telecommunications, a surcharge of \$25.00 per service per month will be assessed to a two point Special Access Service, and to each additional Special Access Line when the service is configured as multipoint. The Special Access Surcharge will also be assessed upon Wideband Analog, High Capacity Digital and FT1 Services on a voiceband equivalent basis. The voiceband equivalency for these type services is as follows:

- High Capacity DS1 equates to 24 Voiceband Facilities
- High Capacity DS1C equates to 48 Voiceband Facilities
- High Capacity FiberConnect equates to a maximum of 96 Voiceband Facilities
- High Capacity DS3 equates to 672 Voiceband Facilities
- High Capacity DS3C equates to 1344 Voiceband Facilities
- Wideband Group equates to 12 Voiceband Facilities
- Wideband Supergroup equates to 60 Voiceband Facilities
- Wideband Mastergroup equates to 600 Voiceband Facilities
- Each 56 Kbps or 64 Kbps channel in a FT1 Service equates to one Voiceband Facility.
- High Capacity E1 equates to 30 Voiceband Facilities

The Special Access Service will be exempted from the monthly surcharge if the Customer provides the Telephone Company written certification that the termination is one of the following: (USOC - S25EX)

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.6 Rate Regulations, (cont'd.)

5.6.9 Special Access Surcharge (USOC™ - S25), (cont'd.)

- (A) The open end termination (dial tone end) of a Foreign Central Office Line, Common Control Switching Arrangement (or equivalent) or Off Network Access Line (ONAL).
- (B) Any termination of an analog circuit used for radio or television program transmission.
- (C) Any termination of a line used for telex service.
- (D) Any termination of a line by nature of its operating characteristics and nature of connection could not make use of common lines.
- (E) Any line termination, other than (1) through (4) preceding, which is subject to the following charges: (a) Carrier Common Line, (b) End Office Switching, and (c) Switched Transport.
- (F) A termination that the Customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the Special Access Service to the local network. If the PBX or other device has been configured either through software programming or physical restrictions not to access the local network, then the Customer may file the surcharge exemption for the Special Access Service terminating on this equipment.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.6 Rate Regulations, (cont'd.)

5.6.9 Special Access Surcharge, (cont'd.)

In order for the Telephone Company to determine the application of the surcharge with respect to specific services, the Customer must report the intended use of all services when placing ASRs for Special Access Service. In addition, when ordering High Capacity Analog or Digital services, the Customer must report the use for each voice equivalent circuit of the high capacity service. When any circuit is reported wholly used in any manner described in (A) through (F) preceding, the surcharge will not apply. If the intended use is not reported, the surcharge will apply.

If, at any time after the installation of a service which is subject to the surcharge, the Customer reports that the service is being used consistently with any exception listed above, the Telephone Company will credit the Customer for the surcharge. Credit will not be given beyond the receipt date of the certification for exemption.

5.6.10 Message Station Equipment Recovery Charge (USOC<sup>TM</sup> - UTM)

(T)

Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment which is assigned to Special Access Service. Since there is zero cost assigned to Message Station Equipment Recovery in Special Access the charge is \$.00.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.6 Rate Regulations, (cont'd.)

5.6.16 Point-to-Point Fiber Optic<sup>SM</sup> Special Transport, (cont'd.)

## (H) Service Availability, (cont'd.)

## Point-to-Point Fiber Optic Name – HONOLULU

CLLI<sup>(TM)</sup>

AIEAHICO  
ANHNHICO  
HNLLHIMN  
HNLLHIXA  
KAIMHICO  
KLHIHICO  
KOKOHICO  
MLUAHICO  
MNOAHICO  
PLOAHICO  
PNHOHICO  
PNUIHICO  
WKKIHICO  
WMLOHICO

Wire Center

AIEA  
AINA HAINA  
ALAKEA/HONOLULU  
KAKAAKO  
KAIMUKI  
KALIHI  
KOKO HEAD  
MOANALUA  
MANOA  
PUULOA  
PUNAHOU  
PUUNUI  
WAIKIKI  
WAIMANALO

Contiguous Metro LAN

Central - Oahu

(T)

Point-to-Point Fiber Optic Name – CENTRAL

AIEAHICO  
BRPTHICO  
CCAPHI49  
EWA HICO  
EWABHICO  
KEHIHICO  
KLWBHICO  
MKHAHICO  
MILNHICO  
MKLOHICO  
NANAHICO  
PRLCHICO  
WAHWHIMN  
WLUAHICO  
WNAEHICO  
WPHUHICO

AIEA  
BARBERS POINT  
CAPEHART  
EWA  
EWA BEACH  
KEAHI  
KO OLINA  
MAKAHA  
MILILANI  
MAKAKILO  
NANAKULI  
PEARL CITY  
WAHIAWA  
WAIALUA  
WAIANAE  
WAIPAHO

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## FACILITIES FOR INTERSTATE ACCESS

## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges

## 5.7.1 Nonrecurring Charges

## Special Access Ordering Charges

| (USOC™) | <u>Design Change</u><br><u>Per ASR/Per Occurrence</u><br>(H28) | (T) |
|---------|--|-----|
|         | \$150.00   |     |

## 5.7.2 Voiceband Facilities

## (A) Standard Arrangements

|        |  | <u>Special Access Line</u>    |   |  |         |
|--------|--|-------------------------------|---|--|---------|
|        |  | Nonrecurring<br><u>Charge</u> | Two-Wire<br><u>Monthly Rate</u><br>(EUC2X)          | Four-Wire<br><u>Monthly Rate</u><br>(EUC4X)          |         |
| (USOC) |  |                               |   |  |         |
|        | Hawaii On-Island   | \$200.00                      | \$26.45   | \$40.45  |         |
|        | Hawaii Interisland<br>(USOC-1UYXX)   | NA                            | NA  | NA   |         |
|        |  | <u>Special Access Line</u>    |   |  |         |
|        | <u>Special Transport</u><br>(Per Airline Mile)<br><u>Monthly Rate</u><br>(1LFSX) | Nonrecurring<br><u>Charge</u> | Two-Wire<br><u>Monthly Rate</u><br>(1XC2X)<br>(X2W) | Four-Wire<br><u>Monthly Rate</u><br>(1XC4X)<br>(X4W) |         |
| (USOC) |  |                               |   |  |         |
|        | Hawaii On-Island   |                               |   |  |         |
|        | Price Band A   | \$4.70                        | \$200.00  | \$31.30  | \$49.50 |
|        | Price Band B   | \$4.70                        | \$200.00  | \$32.60  | \$51.50 |
|        | Price Band C   | \$4.70                        | \$200.00  | \$33.90  | \$53.60 |
|        | N-MSA  | \$3.28 D                      | \$200.00  | \$26.45  | \$40.45 |
|        | Hawaii Interisland<br>(USOC-1UYXX)   | \$2.08 D                      | NA  | NA   | NA      |

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.2 Voiceband Facilities, (cont'd.)

(B) Optional Arrangements

|              | <u>Supplemental Features</u>    |                                  |     |
|--------------|---------------------------------|----------------------------------|-----|
|              | <u>Multipoint Data Bridging</u> | <u>Voice Conference Bridging</u> |     |
|              | (Per Port)                      | (Per Port)                       |     |
|              | Monthly                         | Monthly                          |     |
|              | <u>Rate</u>                     | <u>Rate</u>                      |     |
| (USOC™)      | (B5NDJ)                         | (B5NVJ)                          | (T) |
| Price Band A | \$9.60                          | \$9.60                           |     |
| Price Band B | \$9.60                          | \$9.60                           |     |
| Price Band C | \$9.60                          | \$9.60                           |     |
| N-MSA        | \$8.00                          | \$8.00                           |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.2 Voiceband Facilities, (cont'd.)

## (B) Optional Arrangements, (cont'd.)

| Supplemental Features                   |                         |                          |     |
|---|-------------------------|--------------------------|-----|
| Alarm Distribution Bridging             |                         |                          |     |
| (USOC™)                                 | <u>Common Equipment</u> | <u>Per Two-Wire Port</u> | (T) |
|   | Monthly                 | Monthly                  |     |
|   | <u>Rate</u>             | <u>Rate</u>              |     |
|   | (BCNTA)                 | (CNLRX)                  |     |
|   | ICB                     | ICB                      |     |
| Supplemental Features                   |                         |                          |     |
| <u>Conditioning Arrangements - Data</u> |                         |                          |     |
| (USOC)                                  | <u>Type C</u>           | <u>Type DA</u>           | (T) |
|   | Monthly                 | Monthly                  |     |
|   | <u>Rate</u>             | <u>Rate</u>              |     |
|   | (X1CPT)                 | (XDCPT)                  |     |
|   |                         |                          |     |
| MSA                                     | \$1.80                  | \$2.40                   |     |
| N-MSA                                   | \$1.50                  | \$2.00                   |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.2 Voiceband Facilities, (cont'd.)

## (B) Optional Arrangements, (cont'd.)

| Supplemental Features            |         |
|----------------------------------|---------|
| Conditioning Arrangements - Data |         |
| <u>Type C – Improved</u>         |         |
| Monthly                          |         |
| <u>Rate</u>                      |         |
| (USOC <sup>TM</sup> )            | (UHY)   |
|                                  | (UHW)   |
|                                  | (XCECM) |
| MSA                              | \$36.00 |
| N-MSA                            | \$30.00 |

| Supplemental Features       |                               |
|-----------------------------|-------------------------------|
| Signaling Arrangement       |                               |
| <u>Loop Signaling Range</u> | <u>Loop or E&amp;M to SF.</u> |
| <u>Extension, per SAL</u>   | <u>per SAL</u>                |
| Monthly                     | Monthly                       |
| <u>Rate</u>                 | <u>Rate</u>                   |
| (USOC)                      | (OSA)                         |
|                             | (OSB)                         |
| MSA                         | \$19.20                       |
| N-MSA                       | \$16.00                       |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.2 Voiceband Facilities, (cont'd.)

(B) Optional Arrangements, (cont'd.)

|         | Supplemental Features<br>Signaling Arrangement |                                 | (T) |
|---------|--|---------------------------------|-----|
|         | <u>E&amp;M to DX, per SAL</u>                  | <u>E&amp;M to Loop, per SAL</u> |     |
|         | Monthly  | Monthly                         |     |
|         | <u>Rate</u>                                    | <u>Rate</u>                     |     |
| (USOC™) | (OSC)  | (OSD)                           |     |
| MSA     | \$16.80  | \$14.40                         |     |
| N-MSA   | \$14.00  | \$12.00                         |     |

|        | Supplemental Features<br>Signaling Arrangement |  | (T) |
|--------|--|--|-----|
|        | <u>Loop or E&amp;M to PCM,<br/>per SAL</u>     | <u>Automatic Ringdown, per<br/>SAL</u> |     |
|        | Monthly  | Monthly                                |     |
|        | <u>Rate</u>                                    | <u>Rate</u>                            |     |
| (USOC) | (OSN)  | (XSSLR)                                |     |
| MSA    | \$4.80   | \$12.00                                |     |
| N-MSA  | \$4.00   | \$10.00                                |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.2 Voiceband Facilities, (cont'd.)

## (B) Optional Arrangements, (cont'd.)

|         | Supplemental Features                |                                    |
|---------|--------------------------------------|------------------------------------|
|         | Echo Control                         |                                    |
|         | <u>Echo Suppression, Per Circuit</u> | <u>Echo Canceller, Per Circuit</u> |
|         | Monthly<br><u>Rate</u>               | Monthly<br><u>Rate</u>             |
| (USOC™) | (OE1)                                | (ORJ)                              |
| MSA     | \$36.00                              | \$102.00                           |
| N-MSA   | \$30.00                              | \$ 85.00                           |

(T)

|        | Supplemental Features                     |
|--------|---|
|        | Voiceband Facility Switching Arrangements |
|        | <u>Monthly Rate</u>                       |
| (USOC) | (UST)                                     |
| MSA    | \$8.40                                    |
| N-MSA  | \$7.00                                    |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.2 Voiceband Facilities, (cont'd.)

## (B) Optional Arrangements, (cont'd.)

|         | <u>Supplemental Features</u>         |   | (T) |
|---------|--------------------------------------|---|-----|
|         | <u>Improved Return Loss, Per SAL</u> | <u>Improved Termination Option, Per SAL</u> |     |
|         | Monthly<br><u>Rate</u><br>(1RL)      | Monthly<br><u>Rate</u><br>(X4T)             |     |
| (USOC™) |                                      |   |     |
| MSA     | \$4.50                               | \$12.00                                     |     |
| N-MSA   | \$3.75                               | \$10.00                                     |     |

|        | <u>Supplemental Features</u>                        |  |
|--------|---|--|
|        | <u>Improved Equal Level Echo Path Loss, Per SAL</u> |  |
|        | Monthly<br><u>Rate</u><br>(ORP)                     |  |
| (USOC) |   |  |
| MSA    | \$4.50  |  |
| N-MSA  | \$3.75  |  |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.3 Program Audio Facilities

## (A) Standard Arrangements - (200-3500 Hz)

| (USOC™)                              | <u>Special Access Line</u> |                                |                              | (T) |
|--------------------------------------|----------------------------|--------------------------------|------------------------------|-----|
|                                      | <u>Nonrecurring Charge</u> | <u>Monthly Rate</u><br>(EUCXX) | <u>Daily Rate</u><br>(EUCXX) |     |
| Hawaii On-Island                     | \$200.00                   | \$39.02                        | \$3.90                       |     |
| Hawaii Interisland<br>(USOC – 1UYXX) | NA                         | NA                             | NA                           |     |

| (USOC)                               | <u>Special Transport</u><br>(Per Airline Mile) |                              | <u>Special Access Line</u> |                              |                            |
|--------------------------------------|--|------------------------------|----------------------------|------------------------------|----------------------------|
|                                      | <u>Monthly Rate</u><br>(1LFSX)                 | <u>Daily Rate</u><br>(1LFXS) | <u>Nonrecurring Charge</u> | <u>Monthly Rate</u><br>(LCH) | <u>Daily Rate</u><br>(LCH) |
| Hawaii On-Island                     |  |                              |                            |                              |                            |
| Price Band A                         | \$16.00  | \$1.60                       | \$200.00                   | \$39.02                      | \$3.90                     |
| Price Band B                         | \$16.00  | \$1.60                       | \$200.00                   | \$39.02                      | \$3.90                     |
| Price Band C                         | \$16.00  | \$1.60                       | \$200.00                   | \$39.02                      | \$3.90                     |
| N-MSA                                | \$15.90  | \$1.60                       | \$200.00                   | \$39.02                      | \$3.90                     |
| Hawaii Interisland<br>(USOC – 1UYXX) | \$ 2.72  | \$0.27                       | NA                         | NA                           | NA                         |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.3 Program Audio Facilities, (cont'd.)

B) Standard Arrangements - (100-5000 Hz)

|                    | <u>Special Access Line</u>     |                                    |                              | (T) |
|--------------------|--------------------------------|------------------------------------|------------------------------|-----|
|                    | <u>Nonrecurring<br/>Charge</u> | <u>Monthly<br/>Rate</u><br>(EUCXX) | <u>Daily Rate</u><br>(EUCXX) |     |
| (USOC™)            |                                |                                    |                              |     |
| Hawaii On-Island   | \$200.00                       | \$39.02                            | \$3.90                       |     |
| Hawaii Interisland | NA                             | NA                                 | NA                           |     |
| (USOC – 1UYXX)     |                                |                                    |                              |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.3 Program Audio Facilities, (cont'd.)

## (B) Standard Arrangements - (100-5000 Hz), (cont'd.)

| (USOC™)                              | Special Transport<br>(Per Airline Mile) |                              | Nonrecurring<br>Charge | <u>Special Access Line</u>       |                                | (T) |
|--------------------------------------|---|------------------------------|------------------------|----------------------------------|--------------------------------|-----|
|                                      | <u>Monthly Rate</u><br>(1LFSX)          | <u>Daily Rate</u><br>(1LFSX) |                        | <u>Monthly<br/>Rate</u><br>(LCH) | <u>Daily<br/>Rate</u><br>(LCH) |     |
| Hawaii On-Island                     |   |                              |                        |                                  |                                |     |
| Price Band A                         | \$16.00                                 | \$1.60                       | \$200.00               | \$39.02                          | \$3.90                         |     |
| Price Band B                         | \$16.00                                 | \$1.60                       | \$200.00               | \$39.02                          | \$3.90                         |     |
| Price Band C                         | \$16.00                                 | \$1.60                       | \$200.00               | \$39.02                          | \$3.90                         |     |
| N-MSA                                | \$15.90                                 | \$1.60                       | \$200.00               | \$39.02                          | \$3.90                         |     |
| Hawaii Interisland<br>(USOC – 1UYXX) | NA                                      | NA                           | NA                     | NA                               | NA                             |     |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.3 Program Audio Facilities, (cont'd.)

(C) Standard Arrangements - (50-8000 Hz)

|                    | Nonrecurring<br><u>Charge</u> | <u>Special Access Line</u>        |                              | (T) |
|--------------------|-------------------------------|-----------------------------------|------------------------------|-----|
|                    |                               | Monthly<br><u>Rate</u><br>(EUCXX) | <u>Daily Rate</u><br>(EUCXX) |     |
| (USOC™)            |                               |                                   |                              |     |
| (Hawaii On-Island  | \$200.00                      | \$39.02                           | \$3.90                       |     |
| Hawaii Interisland | NA                            | NA                                | NA                           |     |
| (USOC – 1UYXX)     |                               |                                   |                              |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.3 Program Audio Facilities, (cont'd.)

## (C) Standard Arrangements - (50-8000 Hz), (cont'd.)

| (USOC™)                            | Special Transport<br>Per Airline Mile |                              | Special Access Line        |                              |                            | (T) |
|------------------------------------|---------------------------------------|------------------------------|----------------------------|------------------------------|----------------------------|-----|
|                                    | <u>Monthly Rate</u><br>(1LFSX)        | <u>Daily Rate</u><br>(1LFSX) | <u>Nonrecurring Charge</u> | <u>Monthly Rate</u><br>(LCH) | <u>Daily Rate</u><br>(LCH) |     |
| Hawaii On-Island                   |                                       |                              |                            |                              |                            |     |
| Price Band A                       | \$16.00                               | \$1.60                       | \$200.00                   | \$39.02                      | \$3.90                     |     |
| Price Band B                       | \$16.00                               | \$1.60                       | \$200.00                   | \$39.02                      | \$3.90                     |     |
| Price Band C                       | \$16.00                               | \$1.60                       | \$200.00                   | \$39.02                      | \$3.90                     |     |
| N-MSA                              | \$15.90                               | \$1.60                       | \$200.00                   | \$39.02                      | \$3.90                     |     |
| Hawaii Interisland<br>(USOC-1UYXX) | NA                                    | NA                           | NA                         | NA                           | NA                         |     |

## (D) Standard Arrangements - (50-15000 Hz)

| (USOC)                             | Special Access Line        |                                |                              |
|------------------------------------|----------------------------|--------------------------------|------------------------------|
|                                    | <u>Nonrecurring Charge</u> | <u>Monthly Rate</u><br>(EUCXX) | <u>Daily Rate</u><br>(EUCXX) |
| Hawaii On-Island                   | \$200.00                   | \$39.02                        | \$3.90                       |
| Hawaii Interisland<br>(USOC-1UYXX) | NA                         | NA                             | NA                           |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.3 Program Audio Facilities, (cont'd.)

## (D) Standard Arrangements - (50-15000 Hz), (cont'd.)

| (USOC™)                             | Special Transport<br>(Per Airline Mile) |                   | Special Access Line            |                         |                       | (T) |
|-------------------------------------|---|-------------------|--------------------------------|-------------------------|-----------------------|-----|
|                                     | <u>Monthly Rate</u>                     | <u>Daily Rate</u> | <u>Nonrecurring<br/>Charge</u> | <u>Monthly<br/>Rate</u> | <u>Daily<br/>Rate</u> |     |
|                                     | (1LFSX)                                 | (1LFSX)           |                                | (LCH)                   | (LCH)                 |     |
| Hawaii On-Island                    |   |                   |                                |                         |                       |     |
| Price Band A                        | \$16.00                                 | \$1.60            | \$200.00                       | \$39.02                 | \$3.90                |     |
| Price Band B                        | \$16.00                                 | \$1.60            | \$200.00                       | \$39.02                 | \$3.90                |     |
| Price Band C                        | \$16.00                                 | \$1.60            | \$200.00                       | \$39.02                 | \$3.90                |     |
| N-MSA                               | \$15.90                                 | \$1.60            | \$200.00                       | \$39.02                 | \$3.90                |     |
| Hawaii Interisland<br>(1USOC-1UYXX) | NA                                      | NA                | NA                             | NA                      | NA                    |     |

## (E) Optional Arrangements - (50-15000 Hz Facilities only)

| (USOC) | Supplemental Features<br>Conditioning - Program Audio<br><u>Stereo Conditioning, per occurrence</u> |                       |
|--------|---|-----------------------|
|        | <u>Monthly<br/>Rate</u>   | <u>Daily<br/>Rate</u> |
|        | (XSC)   | (XSC)                 |
| MSA    | \$1.00  | \$.10                 |
| N-MSA  | \$1.00  | \$.10                 |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.3 Program Audio Facilities, (cont'd.)

## (F) Optional Arrangements - (All Bandwidths)

|         | Supplemental Features                    |             |
|---------|--|-------------|
|         | <u>Program Audio Bridging (Per Port)</u> |             |
|         | Monthly                                  | Daily       |
|         | <u>Rate</u>                              | <u>Rate</u> |
| (USOC™) | (BCNPT)                                  | (BCNPT)     |
| MSA     | \$1.00                                   | \$.10       |
| N-MSA   | \$1.00                                   | \$.10       |

(T)

|        | Supplemental Features                                  |             |
|--------|--|-------------|
|        | <u>Conditioning Program Audio - Zero Loss, Per SAL</u> |             |
|        | Monthly  | Daily       |
|        | <u>Rate</u>  | <u>Rate</u> |
| (USOC) | (XZB)  | (XZB)       |
| MSA    | \$12.00  | \$1.20      |
| N-MSA  | \$12.00  | \$1.20      |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.4 Video Facilities

(A) Hawaiian Telcom Video Transport Services<sup>SM</sup> Service - Type I (Temporary)

| (USOC™) | Nonrecurring      |                   | Hourly Rates             |                   | Technician<br>Standby<br>Per Hour<br>(ALV) | (T) |
|---------|-------------------|-------------------|--------------------------|-------------------|--|-----|
|         | <u>Per Hop</u>    | <u>Per Hop</u>    | <u>Per Hour, Per Hop</u> |                   |  |     |
|         | Permanent         | Nonpermanent      | Permanent                | Nonpermanent      |  |     |
|         | <u>Facilities</u> | <u>Facilities</u> | <u>Facilities</u>        | <u>Facilities</u> |  |     |
|         | (VBP)*            | (VBN)*            | (VBP)*                   | (VBN)*            |  |     |
|         | \$ 54.08          | \$741.60          | \$180.00                 | \$33.00           | \$35.00                                    |     |

\*When service is jointly provided, ½ the rate per hop will apply as set forth under 5.6.8(A)(4).

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.4 Video Facilities, (cont'd.)

(B) Hawaiian Telcom Video Transport Services<sup>SM</sup>Type II

(3) Term Commitment Plan (TCP)

(a) Up to 45 Mbps - To the hub

Monthly Rate, Per SAL

|                       | <u>1 Year</u> | <u>3 Year</u> | <u>5 Year</u> |     |
|-----------------------|---------------|---------------|---------------|-----|
| (USOC <sup>TM</sup> ) | (VAF2X)       | (VAF2X)       | (VAF2X)       | (T) |
|                       | \$800.00      | \$775.00      | \$750.00      |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

5.7.5 Digital Data Service Facilities  
(2.4, 4.8, 9.6, 19.2, 56, 64 Kbps)

## (A) Standard Arrangements

|                  | <u>Special Access Line</u> |   |                                    |     |
|------------------|----------------------------|---|------------------------------------|-----|
|                  | All Speeds<br>Nonrecurring | 2.4, 4.8,<br>9.6, 19.2<br>Kbps<br><u>Monthly</u><br><u>Rate</u> | 56, 64 Kbps<br><u>Monthly Rate</u> |     |
| (USOC™)          | (NRBDD)                    | (EUCXX)   | (EUCXX)                            | (T) |
|                  | (TNTM2)                    | (TNTM2)   |                                    |     |
| Hawaii On-Island | \$250.00                   | \$84.52   | \$84.52                            |     |
| Hawaii           |                            |   |                                    |     |
| Interisland      | NA                         | NA  | NA                                 |     |

|                    | <u>Special Transport</u>                                   |   | <u>Special Access Line</u>                         |                                    |
|--------------------|--|---|--|------------------------------------|
|                    | All Speeds<br>(Per Airline<br>Mile)<br><u>Monthly Rate</u> | All Speeds<br>Nonrecurring<br><u>Charge</u> | 2.4, 4.8,<br>9.6, 19.2 Kbps<br><u>Monthly Rate</u> | 56, 64 Kbps<br><u>Monthly Rate</u> |
| (USOC)             | (1LFSX)  | (NRBDD)                                     | (LCH)  | (LCH)                              |
| Hawaii On-Island   |  |   |  |                                    |
| Price Band A       | \$5.20   | \$250.00                                    | \$115.90   | \$115.90                           |
| Price Band B       | \$5.20   | \$250.00                                    | \$115.90   | \$115.90                           |
| Price Band C       | \$5.20   | \$250.00                                    | \$115.90   | \$115.90                           |
| N-MSA              | \$4.03   | \$250.00                                    | \$84.52  | \$84.52                            |
| Hawaii Interisland | \$4.12   | NA  | NA   | NA                                 |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

5.7.5 Digital Data Service Facilities, (cont'd.)  
(2.4, 4.8, 9.6, 19.2, 56, 64 Kbps)

## (B) DDS Optional Payment Plan

## Special Access Line

| (USOC™)            | All Speeds<br>Nonrecurring<br><u>Charge</u> | <u>Special Access Line</u><br>56, 64 Kbps<br><u>Monthly Rates</u> |  |  | (T) |
|--------------------|---|---|--|--|-----|
|                    |   | (SLHF1)<br>(SLH2O)<br>1 Year<br><u>MRC</u>                        | (SLHF3)<br>(SLH2O)<br>3 Year<br><u>MRC</u> | (SLHF5)<br>(SLH2O)<br>5 Year<br><u>MRC</u> |     |
| Hawaii- On-Island  |   | \$74.00   | \$64.00                                    | \$63.50                                    |     |
| Hawaii-Interisland | NA  | NA  | NA   | NA   |     |

## Special Access Line

| (USOC)             | All Speeds<br>Nonrecurring<br><u>Charge</u> | 2.4, 4.8, 9.6, 19.2 Kbps<br><u>Monthly Rates</u> |                                 |                                 |
|--------------------|---|--|---------------------------------|---------------------------------|
|                    |   | (LCYF1)<br>1 Year<br><u>MRC</u>                  | (LCYF3)<br>3 Year<br><u>MRC</u> | (LCYF5)<br>5 Year<br><u>MRC</u> |
| Hawaii-On-Island   |   |  |                                 |                                 |
| Price Band A       | \$0.00                                      | \$74.00  | \$64.00                         | \$63.50                         |
| Price Band B       | \$0.00                                      | \$74.00  | \$64.00                         | \$63.50                         |
| Price Band C       | \$0.00                                      | \$74.00  | \$64.00                         | \$63.50                         |
| N-MSA              | \$0.00                                      | \$74.00  | \$64.00                         | \$63.50                         |
| Hawaii-Interisland | NA  | NA   | NA                              | NA                              |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.5 Digital Data Service Facilities, (cont'd.)  
(2.4, 4.8, 9.6, 19.2, 56, 64 Kbps)

(B) DDS Optional Payment Plan, (cont'd.)

| (USOC™)            | <u>Special Access Line</u><br>56, 64 Kbps<br><u>Monthly Rate</u> |                      |                      | (T) |
|--------------------|--|----------------------|----------------------|-----|
|                    | 1 Year<br><u>MRC</u>   | 3 Year<br><u>MRC</u> | 5 Year<br><u>MRC</u> |     |
|                    | (SLHF1)<br>(SLH2O)   | (SLHF3)<br>(SLH2O)   | (SLHF5)<br>(SLH2O)   |     |
| Hawaii-On-Island   | \$84.25  | \$84.00              | \$80.60              |     |
| Hawaii-Interisland | NA   | NA                   | NA                   |     |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.5 Digital Data Service Facilities, (cont'd.)  
(2.4, 4.8, 9.6, 19.2, 56, 64 Kbps)

(B) DDS Optional Payment Plan, (cont'd.)

|                    | <u>Special Access Line</u><br>56, 64 Kbps<br><u>Monthly Rate</u> |                                 |                                 |     |
|--------------------|--|---------------------------------|---------------------------------|-----|
|                    | 1 Year<br><u>MRC</u><br>(LCYF1)                                  | 3 Year<br><u>MRC</u><br>(LCYF3) | 5 Year<br><u>MRC</u><br>(LCYF5) | (T) |
| (USOC™)            |  |                                 |                                 |     |
| Hawaii-On-Island   |  |                                 |                                 |     |
| Price Band A       | 94.00  | 84.00                           | 80.60                           |     |
| Price Band B       | 94.00  | 84.00                           | 80.60                           |     |
| Price Band C       | 94.00  | 84.00                           | 80.60                           |     |
| N-MSA              | 84.25  | 84.00                           | 80.60                           |     |
| Hawaii-Interisland | NA   | NA                              | NA                              |     |

(C) Optional Arrangements

|        | <u>Supplemental Features</u>  |  |
|--------|---|--|
|        | <u>DDS Bridging (Per Port)</u><br>Monthly<br><u>Rate</u><br>(BCNDA) | <u>Secondary Channel</u><br>Monthly<br><u>Rate</u><br>(SCA24)<br>(SCA48)<br>(SCA96)<br>(SCA56) |
| (USOC) |   |  |
| MSA    | \$11.00   | \$7.00   |
| N-MSA  | \$11.00   | \$7.00   |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.6 Bonded Digital Link Service

|                                   | <u>USOC™</u> | <u>Monthly Rates</u> |
|-----------------------------------|--------------|----------------------|
| Intra-office Channel<br>- Per DS0 | CU85X        |                      |
| Hawaii (On-Island)                |              | \$3.00               |
| Inter-office Channel<br>- Per DS0 | C6H5X        |                      |
| Hawaii (Off-Island)               |              | \$30.00              |

## 5.7.7 Multiplexing Arrangements

|              | <u>Nonrecurring Charge</u> | <u>DS1 to Voice</u><br><u>Monthly Rate</u><br>(MQ1)<br>(MQJ++) |
|--------------|----------------------------|--|
| (USOC)       |                            |  |
| Price Band A | \$800.00                   | \$210.00   |
| Price Band B | \$800.00                   | \$210.00   |
| Price Band C | \$800.00                   | \$210.00   |
| N-MSA        | \$800.00                   | \$158.00   |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.7 Multiplexing Arrangements, (cont'd.)

|              | <u>DS3 to DS1 and/or E1**</u>  |                         |
|--------------|--------------------------------|-------------------------|
|              | <u>Nonrecurring<br/>Charge</u> | <u>Monthly<br/>Rate</u> |
| (USOC™)      |                                | (MQ3)                   |
| Price Band A | \$450.00                       | \$246.30                |
| Price Band B | \$450.00                       | \$246.30                |
| Price Band C | \$450.00                       | \$246.30                |
| N-MSA        | \$450.00                       | \$187.00                |

|        | <u>Digital Data Carrier Multiplexer</u> |                         |
|--------|---|-------------------------|
|        | <u>Nonrecurring<br/>Charge</u>          | <u>Monthly<br/>Rate</u> |
| (USOC) |   | (QMU)                   |
|        | ICB                                     | ICB                     |

\*\* Where E1 service is available.

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

### 5.7.7 Multiplexing Arrangements, (cont'd.)

|         |     | <u>Digital Data Substrate Multiplexer</u> |                     |                                |                     |
|---------|-----|---|---------------------|--------------------------------|---------------------|
|         |     | <u>One DSO to Twenty 2.4 Kbps</u>         |                     | <u>One DSO to Ten 4.8 Kbps</u> |                     |
|         |     | <u>Nonrecurring Charge</u>                | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u>     | <u>Monthly Rate</u> |
|         |     |   | (QSU24)             |                                | (QSU48)             |
| (USOC™) | ICB |   | ICB                 | ICB                            | ICB                 |
|         |     |   |                     |                                |                     |
|         |     | <u>Digital Data Substrate Multiplexer</u> |                     |                                |                     |
|         |     | <u>One DSO Port to Five 9.6 Kbps</u>      |                     |                                |                     |
|         |     | <u>Nonrecurring Charge</u>                | <u>Monthly Rate</u> |                                |                     |
|         |     |   | (QSU96)             |                                |                     |
| (USOC)  | ICB |   | ICB                 |                                |                     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.8 High Capacity DS1 (1.544 Mbps) Facilities

## (A) Standard Arrangements

| (USOC™)      | <u>Special Access Line</u>     |                                  | (T)     |
|--------------|--------------------------------|----------------------------------|---------|
|              | <u>Nonrecurring<br/>Charge</u> | <u>Monthly<br/>Rate</u><br>(EUW) |         |
|              | \$450.00                       | \$257.50                         |         |
| (USOC)       | <u>Special Access Line</u>     |                                  | (1XCDX) |
|              | <u>Nonrecurring<br/>Charge</u> | <u>Monthly<br/>Rate</u>          |         |
| Price Band A | \$450.00                       | \$268.80                         |         |
| Price Band B | \$450.00                       | \$275.00                         |         |
| Price Band C | \$450.00                       | \$281.30                         |         |
| N-MSA        | \$450.00                       | \$235.00                         |         |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.8 High Capacity DS1 (1.544 Mbps) Facilities, (cont'd.)

## (A) Standard Arrangements, (cont'd.)

| (USOC)  | <u>Special Transport Termination</u> | <u>Special Transport (Per Airline Mile)</u> | (T) |
|---|--------------------------------------|---|-----|
|   | <u>Monthly Rate</u><br>(TRG)         | <u>Monthly Rate</u><br>(1LFSX)              |     |
| Hawaii On-Island                              |                                      |   |     |
| Price Band A                                  | \$ 32.60                             | \$10.90                                     |     |
| Price Band B                                  | \$ 33.30                             | \$11.10                                     |     |
| Price Band C                                  | \$ 34.10                             | \$11.40                                     |     |
| N-MSA   | \$ 26.64                             | \$ 8.04                                     |     |
| Hawaii Interisland (USOC-TR8)<br>(USOC-1UYXX) | \$345.00                             | \$ 0.00                                     |     |

## (B) Optional Arrangements

| (USOC)           | <u>Point-to-Point Fiber Optic<sup>SM</sup></u>                 |   |   |  |   |   |
|------------------|--|---|---|--|---|---|
|                  | <u>- Special Transport Per DS1, FiberConnect/LAN Traversed</u> |   |   |  |   |   |
|                  | <u>One Year</u><br><u>Monthly</u><br><u>Rate</u><br>(1OX1X)    | <u>Two Year</u><br><u>Monthly</u><br><u>Rate</u><br>(1OX2X) | <u>Three Year</u><br><u>Monthly</u><br><u>Rate</u><br>(1OX3X) | <u>Five Year</u><br><u>Monthly</u><br><u>Rate</u><br>(1OX5X) | <u>Eight Year</u><br><u>Monthly</u><br><u>Rate</u><br>(C6H6X) | <u>Ten Year</u><br><u>Monthly</u><br><u>Rate</u><br>(C6H7X) |
| Hawaii On-Island |  |   |   |  |   |   |
| Price Band A     | \$65.60  | \$64.70   | \$63.30   | \$58.90  | \$58.90   | \$58.90   |
| Price Band B     | \$65.60  | \$64.70   | \$63.30   | \$58.90  | \$58.90   | \$58.90   |
| Price Band C     | \$65.60  | \$64.70   | \$63.30   | \$58.90  | \$58.90   | \$58.90   |
| N-MSA            | \$63.00  | \$61.00   | \$58.00   | \$53.00  | \$53.00   | \$53.00   |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.8 High Capacity DS1 (1.544 Mbps) Facilities, (cont'd.)

(B) Optional Arrangements, (cont'd.)

| (USOC™)<br>Hawaii | <u>Supplemental Features</u>          |                                   |
|-------------------|---------------------------------------|-----------------------------------|
|                   | <u>Automatic Protection Switching</u> |                                   |
|                   | <u>Nonrecurring<br/>Charge</u>        | <u>Monthly<br/>Rate<br/>(APP)</u> |
|                   | ICB                                   | ICB                               |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.9 High Capacity Digital FiberConnect (6.312 Mbps) Facilities

(A) FiberConnect Optional Payment Plan

Special Access Line - Electrical Interface

|                   | Nonrecurring<br><u>Charge</u> | One Year<br><u>Monthly Rate</u><br>(EU4GX) | Three Year<br><u>Monthly Rate</u><br>(EU4GX) | Five Year<br><u>Monthly Rate</u><br>(EU4GX) |     |
|-------------------|-------------------------------|--|--|---|-----|
| (USOC™)<br>Hawaii | \$1,000.00                    | \$1,250.00                                 | \$1,125.00                                   | \$1,000.00                                  | (T) |

Special Access Line - Electrical Interface

|              | Nonrecurring<br><u>Charge</u> | One Year<br><u>Monthly Rate</u><br>(1CKGX) | Three Year<br><u>Monthly Rate</u><br>(1CKGX) | Five Year<br><u>Monthly Rate</u><br>(1CKGX) |  |
|--------------|-------------------------------|--|--|---|--|
| (USOC)       |                               |  |  |   |  |
| Price Band A | \$1,000.00                    | \$1,250.00                                 | \$1,125.00                                   | \$1,000.00                                  |  |
| Price Band B | \$1,000.00                    | \$1,250.00                                 | \$1,125.00                                   | \$1,000.00                                  |  |
| Price Band C | \$1,000.00                    | \$1,250.00                                 | \$1,125.00                                   | \$1,000.00                                  |  |
| N-MSA        | \$1,000.00                    | \$1,250.00                                 | \$1,125.00                                   | \$1,000.00                                  |  |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.9 High Capacity Digital FiberConnect (6.312 Mbps) Facilities, (cont'd.)

## (B) FiberConnect Optional Payment Plan

Special Access Line - Optical Interface

|                   | Nonrecurring<br><u>Charge</u> | One Year<br><u>Monthly Rate</u><br>(EU4HX) | Three Year<br><u>Monthly Rate</u><br>(EU4HX) | Five Year<br><u>Monthly Rate</u><br>(EU4HX) |     |
|-------------------|-------------------------------|--|--|---|-----|
| (USOC™)<br>Hawaii | \$1,000.00                    | \$1,000.00                                 | \$900.00                                     | \$800.00                                    | (T) |

|              | Nonrecurring<br><u>Charge</u> | One Year<br><u>Monthly Rate</u><br>(1CKHX) | Three Year<br><u>Monthly Rate</u><br>(1CKHX) | Five Year<br><u>Monthly Rate</u><br>(1CKHX) |  |
|--------------|-------------------------------|--|--|---|--|
| (USOC)       |                               |  |  |   |  |
| Price Band A | \$1,000.00                    | \$1,000.00                                 | \$900.00                                     | \$800.00                                    |  |
| Price Band B | \$1,000.00                    | \$1,000.00                                 | \$900.00                                     | \$800.00                                    |  |
| Price Band C | \$1,000.00                    | \$1,000.00                                 | \$900.00                                     | \$800.00                                    |  |
| N-MSA        | \$1,000.00                    | \$1,000.00                                 | \$900.00                                     | \$800.00                                    |  |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.10 High Capacity Digital FT1 Facilities

## (A) Standard Arrangement

Special Access Line - 2 X 56 Kbps or 2 X 64 Kbps

|                      | Nonrecurring<br><u>Charge</u> | <u>Monthly Rate</u><br>(EU4JX) |     |
|----------------------|-------------------------------|--------------------------------|-----|
| (USOC™)              |                               |                                | (T) |
| Hawaii - On-Island   | \$450.00                      | \$103.00                       |     |
| Hawaii - Interisland | \$450.00                      | \$103.00                       |     |

|                      | Nonrecurring<br><u>Charge</u> | <u>Monthly Rate</u><br>(1CKJX) | <u>Special<br/>Transport</u><br>(1LFSX) | <u>Special<br/>Termination</u><br>(TRG) |
|----------------------|-------------------------------|--------------------------------|---|---|
| (USOC)               |                               |                                |   |   |
| Hawaii - On-Island   |                               |                                |   |   |
| Price Band A         | \$450.00                      | \$123.60                       | \$6.60                                  | \$14.40                                 |
| Price Band B         | \$450.00                      | \$123.60                       | \$6.60                                  | \$14.40                                 |
| Price Band C         | \$450.00                      | \$123.60                       | \$6.60                                  | \$14.40                                 |
| N-MSA                | \$450.00                      | \$103.00                       | \$4.40                                  | \$12.00                                 |
| Hawaii - Interisland | \$450.00                      | \$103.00                       | NA                                      | \$115.00                                |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.10 High Capacity Digital FT1 Facilities, (cont'd.)

(A) Standard Arrangement, (cont'd.)

Special Access Line - 4 X 56 Kbps or 2 X 64 Kbps

|                      | Nonrecurring<br><u>Charge</u> | <u>Monthly Rate</u><br>(EU4JX) |     |
|----------------------|-------------------------------|--------------------------------|-----|
| (USOC™)              |                               |                                | (T) |
| Hawaii - On-Island   | \$450.00                      | \$111.00                       |     |
| Hawaii - Interisland | \$450.00                      | \$111.00                       |     |

|                      | Nonrecurring<br><u>Charge</u> | <u>Monthly Rate</u><br>(1CKJX) | <u>Special<br/>Transport</u><br>(1LFSX) | <u>Special<br/>Termination</u><br>(TRG) |
|----------------------|-------------------------------|--------------------------------|---|---|
| (USOC)               |                               |                                |   |   |
| Hawaii - On-Island   |                               |                                |   |   |
| Price Band A         | \$450.00                      | \$133.20                       | \$7.80                                  | \$21.60                                 |
| Price Band B         | \$450.00                      | \$133.20                       | \$7.80                                  | \$21.60                                 |
| Price Band C         | \$450.00                      | \$133.20                       | \$7.80                                  | \$21.60                                 |
| N-MSA                | \$450.00                      | \$111.00                       | \$5.40                                  | \$18.00                                 |
| Hawaii - Interisland | \$450.00                      | \$111.00                       | NA                                      | \$140.00                                |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.10 High Capacity Digital FT1 Facilities, (cont'd.)

(A) Standard Arrangement, (cont'd.)

Special Access Line - 6 X 56 Kbps or 2 X 64 Kbps

|                      | Nonrecurring<br><u>Charge</u> | <u>Monthly Rate</u><br>(EU4JX) |     |
|----------------------|-------------------------------|--------------------------------|-----|
| (USOC™)              |                               |                                | (T) |
| Hawaii - On-Island   | \$450.00                      | \$119.00                       |     |
| Hawaii - Interisland | \$450.00                      | \$119.00                       |     |

|                      | Nonrecurring<br><u>Charge</u> | <u>Monthly Rate</u><br>(1CKJX) | <u>Special<br/>Transport</u><br>(1LFSX) | <u>Special<br/>Transport<br/>Termination</u><br>(TRG) |
|----------------------|-------------------------------|--------------------------------|---|---|
| (USOC)               |                               |                                |   |   |
| Hawaii - On-Island   |                               |                                |   |   |
| Price Band A         | \$450.00                      | \$142.80                       | \$9.00                                  | \$28.80   |
| Price Band B         | \$450.00                      | \$142.80                       | \$9.00                                  | \$28.80   |
| Price Band C         | \$450.00                      | \$142.80                       | \$9.00                                  | \$28.80   |
| N-MSA                | \$450.00                      | \$119.00                       | \$6.40                                  | \$24.00   |
| Hawaii - Interisland | \$450.00                      | \$119.00                       | NA                                      | \$165.00  |

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.10 High Capacity Digital FT1 Facilities, (cont'd.)

(B) FT1 Optional Payment Plan

Special Access Line – 2 X 56 Kbps or 2 X 64 Kbps

|                      | One Year<br>Monthly Rate | Three Year<br>Monthly Rate | Five Year<br>Monthly Rate |     |
|----------------------|--------------------------|----------------------------|---------------------------|-----|
| (USOC™)              | (EU4KX)                  | (EU4KX)                    | (EU4KX)                   | (T) |
| Hawaii - On-Island   | \$100.00                 | \$90.00                    | \$80.00                   |     |
| Hawaii - Interisland | \$100.00                 | \$90.00                    | \$80.00                   |     |

|                      | One Year<br>Monthly Rate | Three Year<br>Monthly Rate | Five Year<br>Monthly Rate | Special<br>Transport | Special<br>Transport<br>Termination |
|----------------------|--------------------------|----------------------------|---------------------------|----------------------|-------------------------------------|
| (USOC)               | (1CKKX)                  | (1CKKX)                    | (1CKKX)                   | (1LFSX)              | (TRG)                               |
| Hawaii - On-Island   |                          |                            |                           |                      |                                     |
| Price Band A         | \$100.00                 | \$90.00                    | \$80.00                   | \$6.60               | \$14.40                             |
| Price Band B         | \$100.00                 | \$90.00                    | \$80.00                   | \$6.60               | \$14.40                             |
| Price Band C         | \$100.00                 | \$90.00                    | \$80.00                   | \$6.60               | \$14.40                             |
| N-MSA                | \$100.00                 | \$90.00                    | \$80.00                   | \$4.40               | \$12.00                             |
| Hawaii - Interisland | \$100.00                 | \$90.00                    | \$80.00                   | NA                   | \$115.00                            |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.10 High Capacity Digital FT1 Facilities, (cont'd.)

(B) FT1 Optional Payment Plan, (cont'd.)

Special Access Line – 4 X 56 Kbps or 4 X 64 Kbps

| (USOC™)              | One Year            | Three Year          | Five Year           | (T) |
|----------------------|---------------------|---------------------|---------------------|-----|
|                      | <u>Monthly Rate</u> | <u>Monthly Rate</u> | <u>Monthly Rate</u> |     |
|                      | (EU4KX)             | (EU4KX)             | (EU4KX)             |     |
| Hawaii - On-Island   | \$110.00            | \$99.00             | \$88.00             |     |
| Hawaii - Interisland | \$110.00            | \$99.00             | \$88.00             |     |

| (USOC)               | One Year            | Three Year          | Five Year           | Special          | Special            |
|----------------------|---------------------|---------------------|---------------------|------------------|--------------------|
|                      | <u>Monthly Rate</u> | <u>Monthly Rate</u> | <u>Monthly Rate</u> | <u>Transport</u> | <u>Termination</u> |
|                      | (1CKKX)             | (1CKKX)             | (1CKKX)             | (1LFSX)          | (TRG)              |
| Hawaii - On-Island   |                     |                     |                     |                  |                    |
| Price Band A         | \$110.00            | \$99.00             | \$88.00             | \$7.80           | \$21.60            |
| Price Band B         | \$110.00            | \$99.00             | \$88.00             | \$7.80           | \$21.60            |
| Price Band C         | \$110.00            | \$99.00             | \$88.00             | \$7.80           | \$21.60            |
| N-MSA                | \$110.00            | \$99.00             | \$88.00             | \$5.40           | \$18.00            |
| Hawaii - Interisland | \$110.00            | \$99.00             | \$88.00             | NA               | \$140.00           |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.10 High Capacity Digital FT1 Facilities, (cont'd.)

## (B) FT1 Optional Payment Plan, (cont'd.)

Special Access Line – 6 X 56 Kbps or 6 X 64 Kbps

|                      | One Year<br>Monthly Rate<br>(EU4KX) | Three Year<br>Monthly Rate<br>(EU4KX) | Five Year<br>Monthly Rate<br>(EU4KX) |     |
|----------------------|-------------------------------------|---------------------------------------|--------------------------------------|-----|
| (USOC™)              |                                     |                                       |                                      | (T) |
| Hawaii - On-Island   | \$119.00                            | \$107.00                              | \$95.00                              |     |
| Hawaii - Interisland | \$119.00                            | \$107.00                              | \$95.00                              |     |

|                      | One Year<br>Monthly Rate<br>(1CKKX) | Three Year<br>Monthly Rate<br>(1CKKX) | Five Year<br>Monthly Rate<br>(1CKKX) | Special<br>Transport<br>(1LFSX) | Special<br>Transport<br>Termination<br>(TRG) |
|----------------------|-------------------------------------|---------------------------------------|--------------------------------------|---------------------------------|--|
| (USOC)               |                                     |                                       |                                      |                                 |  |
| Hawaii - On-Island   |                                     |                                       |                                      |                                 |  |
| Price Band A         | \$119.00                            | \$107.00                              | \$95.00                              | \$9.00                          | \$28.80                                      |
| Price Band B         | \$119.00                            | \$107.00                              | \$95.00                              | \$9.00                          | \$28.80                                      |
| Price Band C         | \$119.00                            | \$107.00                              | \$95.00                              | \$9.00                          | \$28.80                                      |
| N-MSA                | \$119.00                            | \$107.00                              | \$95.00                              | \$6.40                          | \$24.00                                      |
| Hawaii - Interisland | \$119.00                            | \$107.00                              | \$95.00                              | NA                              | \$165.00                                     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities - Three System

## (A) Protected DS3 - With Telephone Company Electronics

| <u>First Special Access Line</u> |                     |                                  |                                    |                                   |                                    |
|----------------------------------|---------------------|----------------------------------|------------------------------------|-----------------------------------|------------------------------------|
| (USOC™)                          | Nonrecurring Charge | One Year Monthly Rate<br>(EU4PF) | Three Year Monthly Rate<br>(EU4PF) | Five Year Monthly Rate<br>(EU4PF) | Seven Year Monthly Rate<br>(EU4PF) |
|                                  |                     |                                  |                                    |                                   |                                    |
|                                  | \$2,500.00          | \$1,480.00                       | \$1,240.00                         | \$1,108.00                        | \$1,040.00                         |

| <u>First Special Access Line</u> |                     |                                  |                                    |                                   |                                    |
|----------------------------------|---------------------|----------------------------------|------------------------------------|-----------------------------------|------------------------------------|
| (USOC)                           | Nonrecurring Charge | One Year Monthly Rate<br>(1CKPF) | Three Year Monthly Rate<br>(1CKPF) | Five Year Monthly Rate<br>(1CKPF) | Seven Year Monthly Rate<br>(1CKPF) |
|                                  |                     |                                  |                                    |                                   |                                    |
| Price Band A                     | \$2,500.00          | \$1,591.00                       | \$1,302.00                         | \$1,135.70                        | \$1,040.00                         |
| Price Band B                     | \$2,500.00          | \$1,628.00                       | \$1,333.00                         | \$1,163.40                        | \$1,066.00                         |
| Price Band C                     | \$2,500.00          | \$1,665.00                       | \$1,364.00                         | \$1,191.10                        | \$1,092.00                         |
| N-MSA                            | \$2,500.00          | \$1,480.00                       | \$1,240.00                         | \$1,108.00                        | \$1,040.00                         |

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities - Three System, (cont'd.)

## (A) Protected DS3 - With Telephone Company Electronics, (cont'd.)

Each Additional Special Access Line - Maximum of 2

| (USOC™)      | <u>Nonrecurring<br/>Charge</u> | <u>One Year<br/>Monthly<br/>Rate</u><br>(EU4SX) | <u>Three Year<br/>Monthly<br/>Rate</u><br>(EU4SX) | <u>Five Year<br/>Monthly<br/>Rate</u><br>(EU4SX) | <u>Seven Year<br/>Monthly<br/>Rate</u><br>(EU4SX) | (T) |
|--------------|--------------------------------|---|---|--|---|-----|
|              | \$1,000.00                     | \$1,110.00                                      | \$930.00  | \$831.00   | \$780.00  |     |
| (USOC)       | <u>Nonrecurring<br/>Charge</u> | <u>One Year<br/>Monthly<br/>Rate</u><br>(1CKSX) | <u>Three Year<br/>Monthly<br/>Rate</u><br>(1CKSX) | <u>Five Year<br/>Monthly<br/>Rate</u><br>(1CKSX) | <u>Seven Year<br/>Monthly<br/>Rate</u><br>(1CKSX) |     |
| Price Band A | \$1,000.00                     | \$1,193.30                                      | \$976.50  | \$851.80   | \$780.00  |     |
| Price Band B | \$1,000.00                     | \$1,221.00                                      | \$999.80  | \$872.60   | \$799.50  |     |
| Price Band C | \$1,000.00                     | \$1,248.80                                      | \$1,023.00  | \$893.40   | \$819.00  |     |
| N-MSA        | \$1,000.00                     | \$1,110.00                                      | \$930.00  | \$831.00   | \$780.00  |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities - Three System, (cont'd.)

## (B) Protected DS3 - Without Telephone Company Electronics

First Special Access Line

|         | Nonrecurring<br><u>Charge</u> | One Year<br>Monthly<br><u>Rate</u><br>(EU4MF) | Three Year<br>Monthly<br><u>Rate</u><br>(EU4MF) | Five Year<br>Monthly<br><u>Rate</u><br>(EU4MF) | Seven Year<br>Monthly<br><u>Rate</u><br>(EU4MF) |     |
|---------|-------------------------------|---|---|--|---|-----|
| (USOC™) | \$1,875.00                    | \$1,133.00                                    | \$954.00  | \$840.00                                       | \$790.75  | (T) |

First Special Access Line

|              | Nonrecurring<br><u>Charge</u> | One Year<br>Monthly<br><u>Rate</u><br>(1CKMF) | Three Year<br>Monthly<br><u>Rate</u><br>(1CKMF) | Five Year<br>Monthly<br><u>Rate</u><br>(1CKMF) | Seven Year<br>Monthly<br><u>Rate</u><br>(1CKMF) |
|--------------|-------------------------------|---|---|--|---|
| (USOC)       |                               |   |   |  |   |
| Price Band A | \$1,875.00                    | \$1,218.00                                    | \$1,001.70                                      | \$861.00                                       | \$790.75  |
| Price Band B | \$1,875.00                    | \$1,246.30                                    | \$1,025.60                                      | \$882.00                                       | \$810.60  |
| Price Band C | \$1,875.00                    | \$1,274.70                                    | \$1,049.40                                      | \$903.00                                       | \$830.30  |
| N-MSA        | \$1,875.00                    | \$1,133.00                                    | \$954.00  | \$840.00                                       | \$790.75  |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.11 High Capacity Digital DS3 (44.736 Mbps) Facilities - Three System, (cont'd.)

(B) Protected DS3 - Without Telephone Company Electronics, (cont'd.)

Each Additional Special Access Line - Maximum of 2

| (USOC™)      | <u>Nonrecurring<br/>Charge</u> | <u>One Year<br/>Monthly<br/>Rate</u><br>(EU4NX) | <u>Three Year<br/>Monthly<br/>Rate</u><br>(EU4NX) | <u>Five Year<br/>Monthly<br/>Rate</u><br>(EU4NX) | <u>Seven Year<br/>Monthly<br/>Rate</u><br>(EU4NX) | (T) |
|--------------|--------------------------------|---|---|--|---|-----|
|              | \$750.00                       | \$849.75  | \$715.50  | \$630.00   | \$593.00  |     |
| (USOC)       | <u>Nonrecurring<br/>Charge</u> | <u>One Year<br/>Monthly<br/>Rate</u><br>(1CKNX) | <u>Three Year<br/>Monthly<br/>Rate</u><br>(1CKNX) | <u>Five Year<br/>Monthly<br/>Rate</u><br>(1CKNX) | <u>Seven Year<br/>Monthly<br/>Rate</u><br>(1CKNX) |     |
| Price Band A | \$750.00                       | \$913.50  | \$751.30  | \$645.80   | \$593.00  |     |
| Price Band B | \$750.00                       | \$934.80  | \$769.20  | \$661.50   | \$607.90  |     |
| Price Band C | \$750.00                       | \$956.00  | \$787.10  | \$677.30   | \$622.70  |     |
| N-MSA        | \$750.00                       | \$849.75  | \$715.50  | \$630.00   | \$593.00  |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities - Unlimited System

## (A) Protected DS3 - With Telephone Company Electronics

| <u>First Special Access Line</u> |                            |   |   |  |   |
|----------------------------------|----------------------------|---|---|--|---|
| (USOC <sup>TM</sup> )            | <u>Nonrecurring Charge</u> | <u>One Year Monthly Rate</u><br>(EU4PF) | <u>Three Year Monthly Rate</u><br>(EU4PF) | <u>Five Year Monthly Rate</u><br>(EU4PF) | <u>Seven Year Monthly Rate</u><br>(EU4PF) |
|                                  | \$4,500.00                 | \$4,242.00                              | \$3,605.75                                | \$3,252.25                               | \$2,898.75                                |
| (USOC)                           | <u>Nonrecurring Charge</u> | <u>One Year Monthly Rate</u><br>(1CKPF) | <u>Three Year Monthly Rate</u><br>(1CKPF) | <u>Five Year Monthly Rate</u><br>(1CKPF) | <u>Seven Year Monthly Rate</u><br>(1CKPF) |
| Price Band A                     | \$4,500.00                 | \$4,560.20                              | \$3,786.10                                | \$3,333.60 D                             | \$2,898.75                                |
| Price Band B                     | \$4,500.00                 | \$4,666.20                              | \$3,876.20                                | \$3,414.90                               | \$2,971.30                                |
| Price Band C                     | \$4,500.00                 | \$4,772.30                              | \$3,966.40                                | \$3,496.20                               | \$3,043.70                                |
| N-MSA                            | \$4,500.00                 | \$4,242.00                              | \$3,605.75                                | \$3,252.25                               | \$2,898.75                                |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities - Unlimited System, (cont'd.)

## (A) Protected DS3 - With Telephone Company Electronics, (cont'd.)

Each Additional Special Access Line

| (USOC™)      | Nonrecurring<br><u>Charge</u> | One Year                          | Three Year                        | Five Year                         | Seven Year                        | (T) |
|--------------|-------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----|
|              |                               | Monthly<br><u>Rate</u><br>(EU4SX) | Monthly<br><u>Rate</u><br>(EU4SX) | Monthly<br><u>Rate</u><br>(EU4SX) | Monthly<br><u>Rate</u><br>(EU4SX) |     |
|              | \$1,000.00                    | \$450.00                          | \$396.25                          | \$365.00                          | \$341.00                          |     |
| (USOC)       | Nonrecurring<br><u>Charge</u> | One Year                          | Three Year                        | Five Year                         | Seven Year                        |     |
|              |                               | Monthly<br><u>Rate</u><br>(1CKSX) | Monthly<br><u>Rate</u><br>(1CKSX) | Monthly<br><u>Rate</u><br>(1CKSX) | Monthly<br><u>Rate</u><br>(1CKSX) |     |
| Price Band A | \$1,000.00                    | \$483.80                          | \$416.10                          | \$374.20                          | \$341.00                          |     |
| Price Band B | \$1,000.00                    | \$495.00                          | \$426.00                          | \$383.30                          | \$349.60                          |     |
| Price Band C | \$1,000.00                    | \$506.30                          | \$435.90                          | \$392.40                          | \$358.10                          |     |
| N-MSA        | \$1,000.00                    | \$450.00                          | \$396.25                          | \$365.00                          | \$341.00                          |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities - Unlimited System, (cont'd.)

## (B) Protected DS3 - Without Telephone Company Electronics

First Special Access Line

| (USOC™)      | Nonrecurring<br><u>Charge</u> | One Year                          | Three Year                        | Five Year                         | Seven Year                        | (T) |
|--------------|-------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----|
|              |                               | Monthly<br><u>Rate</u><br>(EU4MF) | Monthly<br><u>Rate</u><br>(EU4MF) | Monthly<br><u>Rate</u><br>(EU4MF) | Monthly<br><u>Rate</u><br>(EU4MF) |     |
|              | \$3,375.00                    | \$2,887.25                        | \$2,454.25                        | \$2,213.75                        | \$1,973.00                        |     |
| (USOC)       | Nonrecurring<br><u>Charge</u> | One Year                          | Three Year                        | Five Year                         | Seven Year                        |     |
|              |                               | Monthly<br><u>Rate</u><br>(1CKMF) | Monthly<br><u>Rate</u><br>(1CKMF) | Monthly<br><u>Rate</u><br>(1CKMF) | Monthly<br><u>Rate</u><br>(1CKMF) |     |
| Price Band A | \$3,375.00                    | \$3,104.10                        | \$2,577.00                        | \$2,269.10                        | \$1,973.00                        |     |
| Price Band B | \$3,375.00                    | \$3,176.30                        | \$2,638.40                        | \$2,324.50                        | \$2,022.40                        |     |
| Price Band C | \$3,375.00                    | \$3,248.50                        | \$2,699.70                        | \$2,379.80                        | \$2,071.70                        |     |
| N-MSA        | \$3,375.00                    | \$2,887.25                        | \$2,454.25                        | \$2,213.75                        | \$1,973.00                        |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.12 High Capacity Digital DS3 (44.736 Mbps) Facilities - Unlimited System, (cont'd.)

## (B) Protected DS3 - Without Telephone Company Electronics, (cont'd.)

Each Additional Special Access Line

| (USOC™)      | <u>Nonrecurring<br/>Charge</u> | One Year                           | Three Year                         | Five Year                          | Seven Year                         | (T) |
|--------------|--------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-----|
|              |                                | <u>Monthly<br/>Rate</u><br>(EU4NX) | <u>Monthly<br/>Rate</u><br>(EU4NX) | <u>Monthly<br/>Rate</u><br>(EU4NX) | <u>Monthly<br/>Rate</u><br>(EU4NX) |     |
|              | \$750.00                       | \$437.00                           | \$390.75                           | \$332.75                           | \$314.50                           |     |
| (USOC)       | <u>Nonrecurring<br/>Charge</u> | One Year                           | Three Year                         | Five Year                          | Seven Year                         |     |
|              |                                | <u>Monthly<br/>Rate</u><br>(1CKNX) | <u>Monthly<br/>Rate</u><br>(1CKNX) | <u>Monthly<br/>Rate</u><br>(1CKNX) | <u>Monthly<br/>Rate</u><br>(1CKNX) |     |
| Price Band A | \$750.00                       | \$469.80                           | \$410.30                           | \$341.10                           | \$314.50                           |     |
| Price Band B | \$750.00                       | \$480.70                           | \$420.10                           | \$349.40                           | \$322.40                           |     |
| Price Band C | \$750.00                       | \$491.70                           | \$429.90                           | \$357.80                           | \$330.30                           |     |
| N-MSA        | \$750.00                       | \$437.00                           | \$390.75                           | \$332.75                           | \$314.50                           |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.13 High Capacity Digital DS3 (44.736 Mbps) Facilities - Individual System

## (A) Protected DS3 Individual - With Telephone Company Electronics

Each Special Access Line

| (USOC™)      | <u>Nonrecurring Charge</u> | <u>One Year Monthly Rate</u><br>(EU4PF) | <u>Three Year Monthly Rate</u><br>(EU4PF) | <u>Five Year Monthly Rate</u><br>(EU4PF) | <u>Seven Year Monthly Rate</u><br>(EU4PF) | (T) |
|--------------|----------------------------|---|---|--|---|-----|
|              | \$1,000.00                 | \$1,125.00                              | \$950.00                                  | \$825.00                                 | \$795.00                                  |     |
| (USOC)       | <u>Nonrecurring Charge</u> | <u>One Year Monthly Rate</u><br>(1CKPF) | <u>Three Year Monthly Rate</u><br>(1CKPF) | <u>Five Year Monthly Rate</u><br>(1CKPF) | <u>Seven Year Monthly Rate</u><br>(1CKPF) |     |
| Price Band A | \$1,000.00                 | \$1,290.00                              | \$1,050.00                                | \$912.30                                 | \$805.00                                  |     |
| Price Band B | \$1,000.00                 | \$1,320.00                              | \$1,075.00                                | \$934.50                                 | \$825.20                                  |     |
| Price Band C | \$1,000.00                 | \$1,350.00                              | \$1,100.00                                | \$956.80                                 | \$845.30                                  |     |
| N-MSA        | \$1,000.00                 | \$1,125.00                              | \$950.00                                  | \$825.00                                 | \$795.00                                  |     |

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.13 High Capacity Digital DS3 (44.736 Mbps) Facilities - Individual System, (cont'd.)

(B) Protected DS3 Individual - Without Telephone Company Electronics

Each Special Access Line

| (USOC™)      | Nonrecurring<br><u>Charge</u> | One Year                          | Three Year                        | Five Year                         | Seven Year                        | (T) |
|--------------|-------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----|
|              |                               | Monthly<br><u>Rate</u><br>(EU4MF) | Monthly<br><u>Rate</u><br>(EU4MF) | Monthly<br><u>Rate</u><br>(EU4MF) | Monthly<br><u>Rate</u><br>(EU4MF) |     |
|              | \$750.00                      | \$885.00                          | \$725.00                          | \$650.00                          | \$538.00                          |     |
|              |                               |                                   |                                   |                                   |                                   |     |
| (USOC)       | Nonrecurring<br><u>Charge</u> | One Year                          | Three Year                        | Five Year                         | Seven Year                        |     |
|              |                               | Monthly<br><u>Rate</u><br>(1CKMF) | Monthly<br><u>Rate</u><br>(1CKMF) | Monthly<br><u>Rate</u><br>(1CKMF) | Monthly<br><u>Rate</u><br>(1CKMF) |     |
| Price Band A | \$750.00                      | \$951.40                          | \$761.30                          | \$666.30                          | \$538.00                          |     |
| Price Band B | \$750.00                      | \$973.50                          | \$779.40                          | \$682.50                          | \$551.50                          |     |
| Price Band C | \$750.00                      | \$995.70                          | \$797.50                          | \$698.80                          | \$564.90                          |     |
| N-MSA        | \$750.00                      | \$885.00                          | \$725.00                          | \$650.00                          | \$538.00                          |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.14 High Capacity Digital DS3 (44.736 Mbps) Facilities - Group Systems#

## (A) Protected DS3 x 12 - With Telephone Company Electronics#

Per Group of 12#

|         | Nonrecurring<br><u>Charge</u> | One Year<br>Monthly<br><u>Rate</u><br>(EU4VX) | Three Year<br>Monthly<br><u>Rate</u><br>(EU4VX) | Five Year<br>Monthly<br><u>Rate</u><br>(EU4VX) | Seven Year<br>Monthly<br><u>Rate</u><br>(EU4VX) |     |
|---------|-------------------------------|---|---|--|---|-----|
| (USOC™) | \$7,000.00                    | \$8,450.00                                    | \$7,000.00                                      | \$5,300.00                                     | \$4,500.00                                      | (T) |

Per Group of 12#

|              | Nonrecurring<br><u>Charge</u> | One Year<br>Monthly<br><u>Rate</u><br>(1CKVX) | Three Year<br>Monthly<br><u>Rate</u><br>(1CKVX) | Five Year<br>Monthly<br><u>Rate</u><br>(1CKVX) | Seven Year<br>Monthly<br><u>Rate</u><br>(1CKVX) |  |
|--------------|-------------------------------|---|---|--|---|--|
| (USOC)       |                               |   |   |  |   |  |
| Price Band A | \$7,000.00                    | \$8,450.00                                    | \$7,000.00                                      | \$5,300.00                                     | \$4,500.00                                      |  |
| Price Band B | \$7,000.00                    | \$8,450.00                                    | \$7,000.00                                      | \$5,300.00                                     | \$4,500.00                                      |  |
| Price Band C | \$7,000.00                    | \$8,450.00                                    | \$7,000.00                                      | \$5,300.00                                     | \$4,500.00                                      |  |
| N-MSA        | \$7,000.00                    | \$8,450.00                                    | \$7,000.00                                      | \$5,300.00                                     | \$4,500.00                                      |  |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.14 High Capacity Digital DS3 (44.736 Mbps) Facilities - Group Systems#, (cont'd.)

## (B) Protected DS3 x 12 - Without Telephone Company Electronics#

Per Group of 12#

| (USOC™)      | <u>Nonrecurring<br/>Charge</u> | <u>One Year<br/>Monthly<br/>Rate</u><br>(EU4YX) | <u>Three Year<br/>Monthly<br/>Rate</u><br>(EU4YX) | <u>Five Year<br/>Monthly<br/>Rate</u><br>(EU4YX) | <u>Seven Year<br/>Monthly<br/>Rate</u><br>(EU4YX) | (T) |
|--------------|--------------------------------|---|---|--|---|-----|
|              | \$5,250.00                     | \$6,337.50                                      | \$5,250.00  | \$3,975.00                                       | \$3,375.00  |     |
| (USOC)       | <u>Nonrecurring<br/>Charge</u> | <u>One Year<br/>Monthly<br/>Rate</u><br>(1CKYX) | <u>Three Year<br/>Monthly<br/>Rate</u><br>(1CKYX) | <u>Five Year<br/>Monthly<br/>Rate</u><br>(1CKYX) | <u>Seven Year<br/>Monthly<br/>Rate</u><br>(1CKYX) |     |
| Price Band A | \$5,250.00                     | \$6,337.50                                      | \$5,250.00  | \$3,975.00                                       | \$3,375.00  |     |
| Price Band B | \$5,250.00                     | \$6,337.50                                      | \$5,250.00  | \$3,975.00                                       | \$3,375.00  |     |
| Price Band C | \$5,250.00                     | \$6,337.50                                      | \$5,250.00  | \$3,975.00                                       | \$3,375.00  |     |
| N-MSA        | \$5,250.00                     | \$6,337.50                                      | \$5,250.00  | \$3,975.00                                       | \$3,375.00  |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.14 High Capacity Digital DS3 (44.736 Mbps) Facilities - Group Systems#, (cont'd.)

## (C) Protected DS3 x 24 - With Telephone Company Electronics#

Per Group of 24#

| (USOC™) | <u>Nonrecurring<br/>Charge</u> | <u>One Year<br/>Monthly<br/>Rate</u><br>(EU4WX) | <u>Three Year<br/>Monthly<br/>Rate</u><br>(EU4WX) | <u>Five Year<br/>Monthly<br/>Rate</u><br>(EU4WX) | <u>Seven Year<br/>Monthly<br/>Rate</u><br>(EU4WX) | (T) |
|---------|--------------------------------|---|---|--|---|-----|
|         | \$12,000.00                    | \$15,300.00                                     | \$12,675.00                                       | 9,500.00   | 8,225.00  |     |

# Limited to those services so equipped and in service as of March 4, 1999.

| (USOC)       | <u>Nonrecurring<br/>Charge</u> | <u>One Year<br/>Monthly<br/>Rate</u><br>(1CKWX) | <u>Three Year<br/>Monthly<br/>Rate</u><br>(1CKWX) | <u>Five Year<br/>Monthly<br/>Rate</u><br>(1CKWX) | <u>Seven Year<br/>Monthly<br/>Rate</u><br>(1CKWX) |
|--------------|--------------------------------|---|---|--|---|
| Price Band A | \$12,000.00                    | \$15,300.00                                     | \$12,675.00                                       | \$9,500.00                                       | \$8,225.00  |
| Price Band B | \$12,000.00                    | \$15,300.00                                     | \$12,675.00                                       | \$9,500.00                                       | \$8,225.00  |
| Price Band C | \$12,000.00                    | \$15,300.00                                     | \$12,675.00                                       | \$9,500.00                                       | \$8,225.00  |
| N-MSA        | \$12,000.00                    | \$15,300.00                                     | \$12,675.00                                       | \$9,500.00                                       | \$8,225.00  |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.14 High Capacity Digital DS3 (44.736 Mbps) Facilities - Group Systems#, (cont'd.)

## (D) Protected DS3 x 24 - Without Telephone Company Electronics# , (cont'd.)

Per Group of 24#

| (USOC™)      | <u>Nonrecurring<br/>Charge</u> | <u>One Year<br/>Monthly<br/>Rate</u><br>(EU4ZX) | <u>Three Year<br/>Monthly<br/>Rate</u><br>(EU4ZX) | <u>Five Year<br/>Monthly<br/>Rate</u><br>(EU4ZX) | <u>Seven Year<br/>Monthly<br/>Rate</u><br>(EU4ZX) | (T) |
|--------------|--------------------------------|---|---|--|---|-----|
|              | \$9,000.00                     | \$11,475.00                                     | \$9,500.00  | \$7,125.00                                       | \$6,175.00  |     |
| (USOC)       | <u>Nonrecurring<br/>Charge</u> | <u>One Year<br/>Monthly<br/>Rate</u><br>(1CKZX) | <u>Three Year<br/>Monthly<br/>Rate</u><br>(1CKZX) | <u>Five Year<br/>Monthly<br/>Rate</u><br>(1CKZX) | <u>Seven Year<br/>Monthly<br/>Rate</u><br>(1CKZX) |     |
| Price Band A | \$9,000.00                     | \$11,475.00                                     | \$9,500.00  | \$7,125.00                                       | \$6,175.00  |     |
| Price Band B | \$9,000.00                     | \$11,475.00                                     | \$9,500.00  | \$7,125.00                                       | \$6,175.00  |     |
| Price Band C | \$9,000.00                     | \$11,475.00                                     | \$9,500.00  | \$7,125.00                                       | \$6,175.00  |     |
| N-MSA        | \$9,000.00                     | \$11,475.00                                     | \$9,500.00  | \$7,125.00                                       | \$6,175.00  |     |

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**FACILITIES FOR INTERSTATE ACCESS**


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**SECTION 5 – SPECIAL ACCESS, (cont'd.)****5.7 Rates and Charges, (cont'd.)****5.7.15 High Capacity Digital DS3 (44.736 Mbps) Facilities - Special Transport****(A) DS3 Special Transport Facilities**

| (USOC™)<br><u>Jurisdiction</u>      | 3 System,<br>Unlimited System,<br>Individual Transport<br>Per DS3, Per Airline Mile<br><u>Monthly Rate</u><br>(1LFSX) | 12 Group System<br>Transport<br>Per Group of 12,<br>Per Airline Mile<br><u>Monthly Rate#</u><br>(1J51S) | 24 Group System<br>Transport<br>Per Group of 24,<br>Per Airline Mile<br><u>Monthly Rate#</u><br>(1J52S) | (T) |
|-------------------------------------|---|---|---|-----|
| Hawaii On-Island                    |   |   |   |     |
| Price Band A                        | \$24.00   | \$215.00  | \$300.00  |     |
| Price Band B                        | \$24.00   | \$215.00  | \$300.00  |     |
| Price Band C                        | \$24.00   | \$215.00  | \$300.00  |     |
| N-MSA                               | \$17.20   | \$215.00  | \$300.00  |     |
| Hawaii Interisland*<br>(USOC-FQYUT) | \$9,000.00  | NA  | NA  |     |

**(B) DS3 Special Transport Terminations**

| (USOC)              | 3 System,<br>Unlimited System,<br>Individual Transport<br>Per DS3, Per Termination<br><u>Monthly Rate</u><br>TRG | 12 Group System<br>Transport<br>Per Group of 12,<br>Per Termination<br><u>Monthly Rate#</u><br>TS31X | 24 Group System<br>Transport<br>Per Group of 24,<br>Per Termination<br><u>Monthly Rate#</u><br>TS32X |
|---------------------|--|--|--|
| Hawaii On-Island    |  |  |  |
| Price Band A        | \$246.30   | \$2,500.00   | \$4,500.00   |
| Price Band B        | \$246.30   | \$2,500.00   | \$4,500.00   |
| Price Band C        | \$246.30   | \$2,500.00   | \$4,500.00   |
| N-MSA               | \$192.00   | \$2,500.00   | \$4,500.00   |
| Hawaii Interisland* | NA   | NA   | NA   |

\* Flat rate, non-distance sensitive

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.16 High Capacity Digital DS3 (44.736 Mbps) Facilities

(A) DS3 Multiplexer Cross Connect Arrangement, Per Arrangement

| (USOC™) | (CX911)      | <u>Nonrecurring Charge</u> | (T) |
|---------|--------------|----------------------------|-----|
|         | Price Band A | \$65.00                    |     |
|         | Price Band B | \$65.00                    |     |
|         | Price Band C | \$65.00                    |     |
|         | N-MSA        | \$65.00                    |     |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.17 Four-Wire Voiceband and Digital Data Service (DDS) Rate Stability Plan (RSP)

## (A) Rates

RSP Monthly Recurring Charge  
Special Access Lines

|         | <u>Four-Wire Voiceband</u> |                          | <u>DDS</u><br><u>(2.4, 4.8, 9.6, 19.2 Kbps)</u> |                                     | <u>(56, 64 Kbps)</u>                |                                     |     |
|---------|----------------------------|--------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|-----|
|         | <u>3 Year</u><br>(EU4RX)   | <u>5 Year</u><br>(EU4QX) | <u>3 Year</u><br>(EU4RX)<br>(TNTN2)             | <u>5 Year</u><br>(EU4QX)<br>(TNTP2) | <u>3 Year</u><br>(EU4RX)<br>(TNTN2) | <u>5 Year</u><br>(EU4QX)<br>(TNTP2) |     |
| (USOC™) | \$40.25                    | \$39.50                  | \$60.80   | \$57.60                             | \$79.80                             | \$75.60                             | (T) |

RSP Monthly Recurring Charge  
Special Access Lines

|        | <u>Four-Wire Voiceband</u> |                          | <u>DDS</u><br><u>(2.4, 4.8, 9.6, 19.2 Kbps)</u> |                                     | <u>(56, 64 Kbps)</u>                |                                     |  |
|--------|----------------------------|--------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|--|
|        | <u>3 Year</u><br>(1CKRX)   | <u>5 Year</u><br>(1CKQX) | <u>3 Year</u><br>(1CKRX)<br>(TNTN2)             | <u>5 Year</u><br>(1CKQX)<br>(TNTP2) | <u>3 Year</u><br>(1CKRX)<br>(TNTN2) | <u>5 Year</u><br>(1CKQX)<br>(TNTP2) |  |
| (USOC) | \$40.25                    | \$39.50                  | \$60.80   | \$57.60                             | \$79.80                             | \$75.60                             |  |

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## SECTION 5 – SPECIAL ACCESS, (cont'd.)

## 5.7 Rates and Charges, (cont'd.)

## 5.7.17 Four-Wire Voiceband and Digital Data Service (DDS) Rate Stability Plan (RSP), (cont'd.)

## (A) Rates, (cont'd.)

RSP Monthly Recurring Charge

Special Transport  
(Per Airline Mile)

| (USOC™)                                       | <u>Voiceband</u> |               | <u>DDS</u><br>(All Speeds) |                    | (T) |
|---|------------------|---------------|----------------------------|--------------------|-----|
|   | <u>3 Year</u>    | <u>5 Year</u> | <u>3 Year</u>              | <u>5 Year</u>      |     |
|   | (1LFRX)          | (1LFQX)       | (1LFRX)<br>(TNTN2)         | (1LFQX)<br>(TNTP2) |     |
| Hawaii On-Island                              | \$3.44           | \$3.42        | \$4.11                     | \$4.09             |     |
| Hawaii Interisland<br>(USOC-1UYRX)<br>(1UYQX) | \$2.06           | \$2.00        | \$2.58                     | \$2.45             |     |

## 5.7.18 DS1/DS3/FiberConnect Enhanced Access Diversity (EAD)

|              | Monthly Recurring Charge - Per Service |                 |                 |                 |
|--------------|--|-----------------|-----------------|-----------------|
|              | <u>NRC</u>                             | <u>Option A</u> | <u>Option B</u> | <u>Option C</u> |
| (USOC)       |  | (DZVPA)         | (D5VPA)         | (A7VPA)         |
| Price Band A | \$55.00                                | \$12.00         | \$12.00         | \$12.00         |
| Price Band B | \$55.00                                | \$12.00         | \$12.00         | \$12.00         |
| Price Band C | \$55.00                                | \$12.00         | \$12.00         | \$12.00         |
| N-MSA        | \$55.00                                | \$10.00         | \$10.00         | \$10.00         |

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.19 DS1 Term Volume Plan (TVP) (NOTE 1)

(A) Special Access Line, Per DS1 SAL

(1) One Year Term

|                       |                         |               |                |  |     |
|-----------------------|-------------------------|---------------|----------------|--|-----|
| (USOC™)               | <u>Monthly Rate</u>     |               |                |  | (T) |
|                       | DS1 SAL                 |               |                |  |     |
|                       | <u>Threshold Levels</u> |               |                |  |     |
|                       | (EU7VX)                 |               |                |  |     |
|                       | (NRBVR)                 |               |                |  |     |
| Nonrecurring Charge,  |                         |               |                |  |     |
| <u>All Thresholds</u> | <u>2-60</u>             | <u>61-120</u> | <u>121-240</u> |  |     |
| \$450.00              | \$184.00                | \$175.00      | \$166.00       |  |     |

|                      | <u>Monthly Rate</u>     |             |               |                |
|----------------------|-------------------------|-------------|---------------|----------------|
|                      | DS1 SAL                 |             |               |                |
|                      | <u>Threshold Levels</u> |             |               |                |
| (USOC)               | (1X7VX)                 |             |               |                |
|                      | (NRBVR)                 |             |               |                |
| Nonrecurring Charge, |                         |             |               |                |
|                      | <u>All Thresholds</u>   | <u>2-60</u> | <u>61-120</u> | <u>121-240</u> |
| Price Band A         | \$450.00                | \$215.00    | \$204.30      | \$193.50       |
| Price Band B         | \$450.00                | \$220.00    | \$209.00      | \$198.00       |
| Price Band C         | \$450.00                | \$225.00    | \$213.80      | \$202.50       |
| N-MSA                | \$450.00                | \$184.00    | \$175.00      | \$166.00       |

NOTE 1: Existing TVP Customers who qualified for a particular threshold level, as specified on Original Page 5-253, will continue to qualify until their TVP expires, is terminated, or is renewed for a new term at which time the new threshold levels must be met.

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.19 DS1 Term Volume Plan (TVP), (cont'd.) (NOTE 1)

(A) Special Access Line, Per DS1 SAL, (cont'd.)

(1) One Year Term, (cont'd.)

| (USOC™) | <u>Monthly Rate</u><br>DS1 SAL<br><u>Threshold Levels</u> |                 |                  |                  |                  |                  | (T) |
|---------|---|-----------------|------------------|------------------|------------------|------------------|-----|
|         | (EU7VX)   |                 |                  |                  |                  |                  |     |
|         | <u>241-500</u>  | <u>501-1000</u> | <u>1001-2500</u> | <u>2501-4000</u> | <u>4001-5000</u> | <u>Over 5000</u> |     |
|         | \$157.00  | \$155.00        | \$153.00         | \$152.00         | \$150.00         | \$148.00         |     |

| (USOC)       | <u>Monthly Rate</u><br>DS1 SAL<br><u>Threshold Levels</u><br>(1X7VX) |                 |                  |                  |                  |                  |
|--------------|--|-----------------|------------------|------------------|------------------|------------------|
|              |  |                 |                  |                  |                  |                  |
|              | <u>241-500</u>   | <u>501-1000</u> | <u>1001-2500</u> | <u>2501-4000</u> | <u>4001-5000</u> | <u>Over 5000</u> |
| Price Band A | \$182.80   | \$180.60        | \$178.50         | \$176.30         | \$174.20         | \$172.00         |
| Price Band B | \$187.00   | \$184.80        | \$182.60         | \$180.40         | \$178.00         | \$176.00         |
| Price Band C | \$191.30   | \$189.00        | \$186.80         | \$184.50         | \$182.30         | \$180.00         |
| N-MSA        | \$157.00   | \$155.00        | \$153.00         | \$152.00         | \$150.00         | \$148.00         |

NOTE 1: Existing TVP Customers who qualified for a particular threshold level, as specified on Original Page 5-254 will continue to qualify until their TVP expires, is terminated, or is renewed for a new term, at which time the new threshold levels qualifications must be met.

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.19 DS1 Term Volume Plan (TVP), (cont'd.) (NOTE1)

(A) Special Access Line, Per DS1 SAL, (cont'd.)

(2) Two Year Term

|         |                         |  |  |  |  |     |
|---------|-------------------------|--|--|--|--|-----|
| (USOC™) | <u>Monthly Rate</u>     |  |  |  |  | (T) |
|         | DS1 SAL                 |  |  |  |  |     |
|         | <u>Threshold Levels</u> |  |  |  |  |     |
|         | (EU7VX)                 |  |  |  |  |     |
|         | (NRBVR)                 |  |  |  |  |     |

Nonrecurring Charge.

| <u>All Thresholds</u> | <u>2-60</u> | <u>61-120</u> | <u>121-240</u> |
|-----------------------|-------------|---------------|----------------|
| \$450.00              | \$175.00    | \$166.00      | \$157.00       |

| (USOC) | <u>Monthly Rate</u>     |  |  |  |
|--------|-------------------------|--|--|--|
|        | DS1 SAL                 |  |  |  |
|        | <u>Threshold Levels</u> |  |  |  |
|        | (1X7VX)<br>(NRBVR)      |  |  |  |

Nonrecurring Charge.

|              | <u>All Thresholds</u> | <u>2-60</u> | <u>61-120</u> | <u>121-240</u> |
|--------------|-----------------------|-------------|---------------|----------------|
| Price Band A | \$450.00              | \$199.50    | \$189.00      | \$178.50       |
| Price Band B | \$450.00              | \$204.30    | \$193.50      | \$182.80       |
| Price Band C | \$450.00              | \$209.00    | \$198.00      | \$187.00       |
| N-MSA        | \$450.00              | \$175.00    | \$166.00      | \$157.00       |

NOTE 1: Existing TVP Customers who qualified for a particular threshold level, as specified on Original Page 5-255 will continue to qualify until their TVP expires, is terminated, or is renewed for a new term, at which time the new threshold levels qualifications must be met.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.19 DS1 Term Volume Plan (TVP), (cont'd.) (NOTE 1)

(A) Special Access Line, Per DS1 SAL, (cont'd.)

(2) Two Year Term, (cont'd.)

|  |                | <u>Monthly Rate</u>     |                  |                  |                  |                  |
|--|----------------|-------------------------|------------------|------------------|------------------|------------------|
|  |                | DS1 SAL                 |                  |                  |                  |                  |
|  |                | <u>Threshold Levels</u> |                  |                  |                  |                  |
|  | (USOC™)        | (EU7VX)                 |                  |                  |                  |                  |
|  | <u>241-500</u> | <u>501-1000</u>         | <u>1001-2500</u> | <u>2501-4000</u> | <u>4001-5000</u> | <u>Over 5000</u> |
|  | \$148.00       | \$146.00                | \$144.00         | \$143.00         | \$141.00         | \$139.00         |

|              | <div>Monthly Rate<br/>DS1 SAL<br/>Threshold Levels<br/>(USOC)      (1X7VX)</div> |          |           |           |           |           |
|--------------|--|----------|-----------|-----------|-----------|-----------|
|              | 241-500  | 501-1000 | 1001-2500 | 2501-4000 | 4001-5000 | Over 5000 |
| Price Band A | 168.00   | 165.90   | 163.00    | 161.70    | 159.60    | 157.50    |
| Price Band B | 172.00   | 169.90   | 167.70    | 165.60    | 163.40    | 161.30    |
| Price Band C | 176.00   | 173.80   | 171.60    | 169.40    | 167.20    | 165.00    |
| N-MSA        | 148.00   | 146.00   | 144.00    | 143.00    | 141.00    | 139.00    |

(3) Three Year Term

|  | <u>Monthly Rate</u><br>DS1 SAL |             | <u>Threshold Levels</u><br>(EU7VX) |                |  |
|--|--------------------------------|-------------|------------------------------------|----------------|--|
|  | (USOC)                         |             | (NRBVR)                            |                |  |
|  | <u>Nonrecurring Charge.</u>    |             |                                    |                |  |
|  | <u>All Thresholds</u>          | <u>2-60</u> | <u>61-120</u>                      | <u>121-240</u> |  |
|  | \$450.00                       | \$166.00    | \$157.00                           | \$148.00       |  |

NOTE 1: Existing TVP Customers who qualified for a particular threshold level, as specified on Original Page 5-256 will continue to qualify until their TVP expires, is terminated, or is renewed for a new term, at which time the new threshold levels qualifications must be met.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.19 DS1 Term Volume Plan (TVP), (cont'd.) (NOTE1)

(A) Special Access Line, Per DS1 SAL, (cont'd.)

(3) Three Year Term, (cont'd.)

|              | <u>Monthly Rate</u><br><u>DS1 SAL</u><br><u>Threshold Levels</u><br>(USOC™) (1X7VX) (NRBVR) (T) |             |               |                |
|--------------|---|-------------|---------------|----------------|
|              | <u>Nonrecurring Charge.</u>   |             |               |                |
|              | <u>All Thresholds</u>   | <u>2-60</u> | <u>61-120</u> | <u>121-240</u> |
| Price Band A | 450.00  | 185.40      | 174.30        | 164.00         |
| Price Band B | 450.00  | 189.00      | 178.50        | 168.00         |
| Price Band C | 450.00  | 190.80      | 180.20        | 169.60         |
| N-MSA        | 450.00  | 166.00      | 157.00        | 148.00         |

|  | <u>Monthly Rate</u><br><u>DS1 SAL</u><br><u>Threshold Levels</u><br>(USOC) (EU7VX) |                 |                  |                  |                  |                  |
|--|--|-----------------|------------------|------------------|------------------|------------------|
|  | <u>241-500</u>   | <u>501-1000</u> | <u>1001-2500</u> | <u>2501-4000</u> | <u>4001-5000</u> | <u>Over 5000</u> |
|  | 139.00   | 137.00          | 136.00           | 134.00           | 132.00           | 130.00           |

NOTE 1: Existing TVP Customers who qualified for a particular threshold level, as specified on Original Page 5-257 will continue to qualify until their TVP expires, is terminated, or is renewed for a new term, at which time the new threshold levels qualifications must be met.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.19 DS1 Term Volume Plan (TVP), (cont'd.) (NOTE 1)

(A) Special Access Line, Per DS1 SAL, (cont'd.)

(3) Three Year Term, (cont'd.)

|              | <div> <div>Monthly Rate</div> <div>DS1 SAL</div> <div>Threshold Levels</div> <div>(USOC™) (1X7VX)</div> </div> |          |           |           |           |           | (T) |
|--------------|--|----------|-----------|-----------|-----------|-----------|-----|
|              | 241-500  | 501-1000 | 1001-2500 | 2501-4000 | 4001-5000 | Over 5000 |     |
| Price Band A | \$153.80   | \$151.70 | \$149.70  | \$147.60  | \$145.60  | \$143.50  |     |
| Price Band B | \$157.50   | \$155.40 | \$153.30  | \$151.20  | \$149.10  | \$147.00  |     |
| Price Band C | \$159.00   | \$156.90 | \$154.80  | \$152.70  | \$150.60  | \$148.40  |     |
| N-MSA        | \$139.00   | \$137.00 | \$136.00  | \$134.00  | \$132.00  | \$130.00  |     |

(4) Five Year Term

|  | <div> <div>Monthly Rate</div> <div>DS1 SAL</div> <div>Threshold Levels</div> <div>(USOC) (EU7VX)</div> <div>(NRBVR)</div> </div> |          |          |          |  |
|--|--|----------|----------|----------|--|
|  | <div> <div>Nonrecurring Charge.</div> <div>All Thresholds</div> <div>2-60</div> <div>61-120</div> <div>121-240</div> </div>      |          |          |          |  |
|  | \$450.00   | \$148.00 | \$139.00 | \$130.00 |  |

NOTE 1: Existing TVP Customers who qualified for a particular threshold level, as specified on Original Page 5-258 will continue to qualify until their TVP expires, is terminated, or is renewed for a new term, at which time the new threshold levels qualifications must be met.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.19 DS1 Term Volume Plan (TVP), (cont'd.) (NOTE 1)

(A) Special Access Line, Per DS1 SAL, (cont'd.)

(4) Five Year Term, (cont'd.)

|              | (USOC™)        | <u>Monthly Rate</u><br>DS1 SAL<br><u>Threshold Levels</u><br>(1X7VX)<br>(NRBVR) |                  |                  |                  | (T)              |
|--------------|----------------|---|------------------|------------------|------------------|------------------|
|              |                | <u>Nonrecurring Charge.</u>   |                  |                  |                  |                  |
|              |                | <u>All Thresholds</u>   | <u>2-60</u>      | <u>61-120</u>    | <u>121-240</u>   |                  |
| Price Band A | \$450.00       | \$162.40  | \$152.30         | \$142.10         |                  |                  |
| Price Band B | \$450.00       | \$164.00  | \$153.80         | \$143.50         |                  |                  |
| Price Band C | \$450.00       | \$166.40  | \$156.00         | \$145.60         |                  |                  |
| N-MSA        | \$450.00       | \$148.00  | \$139.00         | \$130.00         |                  |                  |
|              |                | <u>Monthly Rate</u><br>DS1 SAL<br><u>Threshold Levels</u><br>(USOC)             | (EU7VX)          |                  |                  |                  |
|              | <u>241-500</u> | <u>501-1000</u>   | <u>1001-2500</u> | <u>2501-4000</u> | <u>4001-5000</u> | <u>Over 5000</u> |
|              | \$119.00       | \$118.00  | \$116.00         | \$114.00         | \$112.00         | \$110.00         |

NOTE 1: Existing TVP Customers who qualified for a particular threshold level, as specified on Original Page 5-259 will continue to qualify until their TVP expires, is terminated, or is renewed for a new term, at which time the new threshold levels qualifications must be met.

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## FACILITIES FOR INTERSTATE ACCESS

### SECTION 5 – SPECIAL ACCESS, (cont'd.)

#### 5.7 Rates and Charges, (cont'd.)

##### 5.7.19 DS1 Term Volume Plan (TVP), (cont'd.) (NOTE 1)

##### (A) Special Access Line, Per DS1 SAL, (cont'd.)

##### (4) Five Year Term, (cont'd.)

|              | <u>Monthly Rate</u><br><u>DS1 SAL</u><br><u>Threshold Levels</u><br>(USOC™) (1X7VX) |          |           |           |           |           | (T) |
|--------------|---|----------|-----------|-----------|-----------|-----------|-----|
|              | 241-500   | 501-1000 | 1001-2500 | 2501-4000 | 4001-5000 | Over 5000 |     |
| Price Band A | \$130.00  | \$127.90 | \$125.90  | \$123.90  | \$121.80  | \$119.80  |     |
| Price Band B | \$131.20  | \$129.20 | \$127.10  | \$125.10  | \$123.00  | \$121.00  |     |
| Price Band C | \$133.20  | \$131.10 | \$129.00  | \$126.90  | \$124.80  | \$122.80  |     |
| N-MSA        | \$119.00  | \$118.00 | \$116.00  | \$114.00  | \$112.00  | \$110.00  |     |

##### (5) Eight Year Term

|  | <u>Monthly Rate</u><br><u>DS1 SAL</u><br><u>Threshold Levels</u><br>(USOC) (EU7VX)<br>(NRBVR) |          |           |           |           |          |  |
|--|---|----------|-----------|-----------|-----------|----------|--|
|  | 400-600   | 601-1000 | 1001-1500 | 1501-2200 | Over 2200 |          |  |
| <u>Nonrecurring Charge,</u><br><u>All Thresholds</u> | \$450.00  | \$113.00 | \$112.00  | \$110.00  | \$109.00  | \$108.00 |  |

|              | <u>Monthly Rate</u><br><u>DS1 SAL</u><br><u>Threshold Levels</u><br>(USOC) (1X7VX)<br>(NRBVR) |          |          |           |           |           |  |
|--------------|---|----------|----------|-----------|-----------|-----------|--|
|              | <u>Nonrecurring Charge,</u><br><u>All Thresholds</u>  | 400-600  | 601-1000 | 1001-1500 | 1501-2200 | Over 2200 |  |
| Price Band A | \$450.00  | \$122.90 | \$121.80 | \$119.80  | \$118.80  | \$117.80  |  |
| Price Band B | \$450.00  | \$124.10 | \$123.00 | \$121.00  | \$120.00  | \$119.00  |  |
| Price Band C | \$450.00  | \$125.90 | \$124.80 | \$122.80  | \$121.80  | \$120.80  |  |
| N-MSA        | \$450.00  | \$113.00 | \$112.00 | \$110.00  | \$109.00  | \$108.00  |  |

NOTE 1: Existing TVP Customers who qualified for a particular threshold level, as specified on Original Page 5-260 will continue to qualify until their TVP expires, is terminated, or is renewed for a new term, at which time the new threshold levels qualifications must be met.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.19 DS1 Term Volume Plan (TVP), (cont'd.) (NOTE 1)

(A) Special Access Line, Per DS1 SAL, (cont'd.)

(6) Ten Year Term

|              |          | <u>Monthly Rate</u><br><u>DS1 SAL</u><br><u>Threshold Levels</u><br>(USOC™) (EU7VX) (NRBVR) (T) |          |           |           |           |
|--------------|----------|---|----------|-----------|-----------|-----------|
|              |          | <u>Nonrecurring Charge,</u><br><u>All Thresholds</u>  |          |           |           |           |
|              |          | 400-600   | 601-1000 | 1001-1500 | 1501-2200 | Over 2200 |
|              |          | \$450.00  | \$112.00 | \$110.00  | \$108.00  | \$107.00  |
|              |          | <u>Monthly Rate</u><br><u>DS1 SAL</u><br><u>Threshold Levels</u><br>(USOC) (1X7VX) (NRBVR)      |          |           |           |           |
|              |          | <u>Nonrecurring Charge,</u><br><u>All Thresholds</u>  |          |           |           |           |
|              |          | 400-600   | 601-1000 | 1001-1500 | 1501-2200 | Over 2200 |
| Price Band A | \$450.00 | \$121.90  | \$119.80 | \$117.80  | \$116.80  | \$115.80  |
| Price Band B | \$450.00 | \$123.10  | \$121.00 | \$119.00  | \$118.00  | \$117.00  |
| Price Band C | \$450.00 | \$124.90  | \$122.80 | \$120.80  | \$119.80  | \$118.80  |
| N-MSA        | \$450.00 | \$112.00  | \$110.00 | \$108.00  | \$107.00  | \$106.00  |

NOTE 1: Existing TVP Customers who qualified for a particular threshold level, as specified on Original Page 5-261 will continue to qualify until their TVP expires, is terminated, or is renewed for a new term, at which time the new threshold levels qualifications must be met.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.7 Rates and Charges, (cont'd.)

5.7.21 High Voltage Protection

|              | <u>Initial Common Equipment</u> |                         | <u>Terminating Equipment,<br/>Per Circuit Terminated</u> |                         | (T) |
|--------------|---------------------------------|-------------------------|--|-------------------------|-----|
|              | <u>Nonrecurring<br/>Charge</u>  | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u>                           | <u>Monthly<br/>Rate</u> |     |
| (USOC™)      |                                 | (HGV1X)                 |  | (HGV1X)                 |     |
| Price Band A | \$500.00                        | \$108.22                | \$50.00  | \$28.81                 |     |
| Price Band B | \$500.00                        | \$108.22                | \$50.00  | \$28.81                 |     |
| Price Band C | \$500.00                        | \$108.22                | \$50.00  | \$28.81                 |     |
| N-MSA        | \$500.00                        | \$108.22                | \$50.00  | \$28.81                 |     |

5.7.22 [Reserved for Future Use]

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## FACILITIES FOR INTERSTATE ACCESS

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### SECTION 5 – SPECIAL ACCESS, (cont'd.)

#### 5.8 Miscellaneous Special Access Services

##### 5.8.1 Video Terrestrial (Earth Station) Service

###### (A) Description of Service

Video Terrestrial Service provides Videoband and audio channels between the Television Operating Center (TOC) in Honolulu, Hawaii and the earth station GTE Spacenet at Sunset Beach for service to points outside of Hawaii. Type I Audio provides for the transmission or reception of one-way program material within a nominal bandwidth of approximately 3.5 kHz. Type II Audio provides for the transmission or reception of one-way program material within a nominal bandwidth of approximately 5 kHz.

###### (B) Rates

| (USOC™)       | (VTJ1X)<br>First 10 Minutes or<br><u>Fraction Thereof</u> | (VTJAX)<br>Each Add'l Minute or<br><u>Fraction Thereof</u> | (T) |
|---------------|---|--|-----|
| Video         | \$182.00  | \$8.00   |     |
| Type I Audio  | \$5.70  | \$0.60   |     |
| Type II Audio | \$11.40   | \$1.15   |     |

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.8 Miscellaneous Special Access Services, (cont'd.)

5.8.2 0/0 dbm TLP Arrangement

(A) Description of Service

0/0 dbm TLP Arrangements provide circuit interface VF levels of 0/0 dbm TLP with zero circuit loss and a maximum net loss variation of plus or minus 4 db, per arrangement.

(B) Rates

(USOC™)

(TLO)  
Monthly Rate  
\$50.00

(T)

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## FACILITIES FOR INTERSTATE ACCESS

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### SECTION 5 – SPECIAL ACCESS, (cont'd.)

#### 5.8 Miscellaneous Special Access Services, (cont'd.)

##### 5.8.3 56 Kbps Data Circuit (V.35 Interface)

###### (A) Description of Service

56 Kbps data circuit, including a V.35 interface arrangement, between Spacenet at Sunset Beach and a Customer designated location within the Honolulu wire center serving area.

###### (B) Rates

(USOC™ - 1LOBC)

(T)

| Nonrecurring<br><u>Charge</u> | Monthly<br><u>Rate</u> | Five Year<br><u>Termination Liability</u>   |
|-------------------------------|------------------------|---|
| \$700                         | \$2,200                | \$32,750 Beginning at in-service date.<br>Reduces 1/60 for each month in service. |

In addition to the above, rates and charges for a 4-wire voiceband Special Access Line (SAL) will apply to the segment between the Honolulu wire center and the Customer designated location.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.8 Miscellaneous Special Access Services, (cont'd.)

5.8.4 Clear Channel Capability (USOC<sup>TM</sup> - CCO)

(D)

(D)

(T)

(A) Description of Service

An arrangement that allows the Customer to transport 1.536 Mbps of information through a DS1 with no constraint on the quantity or sequence of one (mark) and zero (space) bits utilizing the Bipolar with Eight Zero Substitution (B8ZS) method of providing bit sequence independence. This arrangement is capable of transporting DS1 signals which utilize Superframe or Extended Superframe Format (ESF) as defined by the American National Standards Institute (ANSI) T1.107-1988 standard. The installation interval for Clear Channel Capability may exceed standard intervals where equipment in the central office is not readily available. The charges apply on a per SAL basis. Clear Channel Capability for DS1 is provided under Section 11.8.3(H) to the Federal Government.

This arrangement requires the Customer signal at the channel interface to conform to the B8ZS method of providing bit sequence independence, as described in ANSI T1.102-1987 and Section 6103 of the GTE Technical Interface Reference Manual.

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(T)

HAWAIIAN TELCOM, INC.

Tariff F.C.C. No. 1

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 5 – SPECIAL ACCESS, (cont'd.)

5.8 Miscellaneous Special Access Services, (cont'd.)

5.8.4 Clear Channel Capability (USOC™ - CCO), (cont'd.)

(B) Rates

|              | Nonrecurring<br><u>Charge</u> | Monthly<br><u>Rate</u> |
|--------------|-------------------------------|------------------------|
| (USOC)       |                               | (CCO)                  |
| Price Band A | 90.00                         | 24.00                  |
| Price Band B | 90.00                         | 24.00                  |
| Price Band C | 90.00                         | 24.00                  |
| N-MSA        | 90.00                         | 24.00                  |

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

## 6.2 Additional Labor

Additional Labor is that labor requested by the Customer on a given FIA and agreed to by the Telephone Company as set forth in 6.2.1 through 6.2.6 following. The Telephone Company will notify the Customer that Additional Labor charges as set forth in 6.2.7 following will apply before any Additional Labor is undertaken. Additional Labor charges will also apply if the requirement for the Additional Labor is the fault of the Customer or parties on whose behalf it acts.

## 6.2.1 Overtime Installation (USOC™ - ALH)

(T)

Overtime installation is that Telephone Company installation effort outside the business day. Overtime rates will apply anytime outside the business day and all day Saturday. Premium time rates will apply all day Sunday and on all Telephone Company approved holidays. For applicable holidays in each jurisdiction contact Issuing Carrier identified in Section 2 preceding.

## 6.2.2 Overtime Repair (USOC - ALH)

Overtime repair is Telephone Company repair which could have been performed during the normal business day, but that is delayed at the specific request of the Customer to a later time period which is outside the normal business day or to a weekend day or holiday. The request will result in the application of overtime rates anytime outside the business day and all day Saturday. Premium time rates will apply on Sunday and Telephone Company approved holidays. These rates, as set forth in Section 6.2.7(B) following, will only apply when there is a delay of repair at the request of the Customer to the time periods stated above.

## 6.2.3 Additional Installation Testing (USOC - ALH)

Additional installation testing is that testing performed by the Telephone Company at the time of installation which is in addition to normal pre-service and acceptance testing.

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FACILITIES FOR INTERSTATE ACCESS

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.2 Additional Labor, (cont'd.)

6.2.4 Standby (USOC™ - ALT)

(T)

Standby includes all time in excess of one-half (1/2) hour during which Telephone Company personnel are available to make coordinated tests on a given FIA. The standby charge applies only when Telephone Company personnel must wait more than 30 minutes beyond a prearranged, mutually agreed appointment time. Standby charges will cease when testing begins, or when Telephone Company personnel are released from the standby requirement, or when testing is rescheduled for a later date or time. Charges will not be applicable if Telephone Company personnel cause the delay.

6.2.5 Testing and Maintenance with Other Telephone Companies (USOC - ALK)

Additional testing, maintenance, or repair of facilities which connect to facilities of other telephone companies, which is in addition to normal effort required to test, maintain, or repair facilities provided solely by the Telephone Company.

6.2.6 Other Labor (USOC - ALK)

Other labor is that additional labor not included in (A) through (E) preceding, and labor incurred to accommodate a specific Customer request that involves only labor which is not covered by any other section of this Tariff.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

## 6.2 Additional Labor, (cont'd.)

## 6.2.7 Charges for Additional Labor

(A) The charges for additional labor are as follows:

- Additional Cooperative Acceptance Testing – Special
- Additional Cooperative Testing – Switched
- Maintenance of Service (see Section 6.3)
- Nonscheduled Testing – Special
- Nonscheduled Testing – Switched
- Other Labor (see Section 6.2.6)
- Standby (see Section 6.2.4)
- Testing and Maintenance with Other Telephone Companies (see Section 6.2.5)

## Labor Periods

## Basic Time, Business Day, Per Technician

|                       | <u>First Half Hour<br/>or Fraction Thereof</u> | <u>Each Additional Half Hour<br/>or Fraction Thereof</u> |
|-----------------------|--|--|
| (USOC <sup>TM</sup> ) | (UBCXT)  | (UBCXT)  |
|                       | (USMXT)  | (USMXT)  |
|                       | (USSXT)  | (USSXT)  |
|                       | (SNTXT)  | (SNTXT)  |
|                       | (SNOXT)  | (SNOXT)  |
|                       | (MVV)  | (MVV)  |
|                       | (ALT)  | (ALT)  |
|                       | (ALK)  | (ALK)  |
|                       | \$150.00                                       | \$150.00   |

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.2 Additional Labor, (cont'd.)

6.2.7 Charges for Additional Labor, (cont'd.)

(A) (cont'd)

Labor Periods

Overtime, Outside the Business Day, Per Technician\*

|                       | <u>First Half Hour<br/>or Fraction Thereof</u> | <u>Each Additional Half Hour<br/>or Fraction Thereof</u> |
|-----------------------|--|--|
| (USOC <sup>TM</sup> ) | (UBCOT)  | (UBCOT)  |
|                       | (USMOT)  | (USMOT)  |
|                       | (USSOT)  | (USSOT)  |
|                       | (SNTOT)  | (SNTOT)  |
|                       | (SNOOT)  | (SNOOT)  |
|                       | (MVV)  | (MVV)  |
|                       | (ALT)  | (ALT)  |
|                       | (ALK)  | (ALK)  |
|                       | \$200.00                                       | \$200.00   |

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.2 Additional Labor, (cont'd.)

6.2.7 Charges for Additional Labor, (cont'd.)

(A) (cont'd)

Labor Periods

Premium Time, Outside the Business Day, Per Technician\*

|                       | <u>First Half Hour<br/>or Fraction Thereof</u> | <u>Each Additional Half Hour<br/>or Fraction Thereof</u> |
|-----------------------|--|--|
| (USOC <sup>TM</sup> ) | (UBCPT)  | (UBCPT)  |
|                       | (USMPT)  | (USMPT)  |
|                       | (USSPT)  | (USSPT)  |
|                       | (SNTPT)  | (SNTPT)  |
|                       | (SNOPT)  | (SNOPT)  |
|                       | (MVV)  | (MVV)  |
|                       | (ALT)  | (ALT)  |
|                       | (ALK)  | (ALK)  |
|                       | \$250.00                                       | \$250.00   |

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## SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

## 6.2 Additional Labor, (cont'd.)

## 6.2.7 Charges for Additional Labor, (cont'd.)

(B) The charges for additional labor are as follows:

- Additional Installation Testing (see Section 6.2.3)
- Overtime Installation (see Section 6.2.1)
- Overtime Repair (see Section 6.2.2)

## Labor Periods

## Basic Time, Business Day, Per Technician

| (USOC <sup>TM</sup> ) | <u>First Half Hour<br/>or Fraction Thereof</u><br>(ALH) | <u>Each Additional Half Hour<br/>or Fraction Thereof</u><br>(ALH) | (T) |
|-----------------------|---|---|-----|
|                       | \$27.66   | \$18.44   |     |

## Labor Periods

## Overtime, Outside the Business Day, Per Technician\*

| (USOC) | <u>First Half Hour<br/>or Fraction Thereof</u><br>(ALH) | <u>Each Additional Half Hour<br/>or Fraction Thereof</u><br>(ALH) |
|--------|---|---|
|        | \$100.00  | \$75.00   |

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## SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

## 6.2 Additional Labor, (cont'd.)

## 6.2.7 Charges for Additional Labor, (cont'd.)

(B) The charges for additional labor are as follows:, (cont'd.)

## Labor Periods

## Premium Time, Outside the Business Day, Per Technician\*

|                       | <u>First Half Hour<br/>or Fraction Thereof</u> | <u>Each Additional Half Hour<br/>or Fraction Thereof</u> |
|-----------------------|--|--|
| (USOC <sup>TM</sup> ) | (ALH)  | (ALH)  |
|                       | \$150.00                                       | \$125.00   |

(T)

(C) The charges for additional labor are as follows:

## Standby (See Section 6.2.4)

## Labor Periods

## Basic Time Business Day, Per Technician

|        | <u>First Half Hour<br/>or Fraction Thereof</u> | <u>Each Additional Half Hour<br/>or Fraction Thereof</u> |
|--------|--|--|
| (USOC) | (ALT)  | (ALT)  |
|        | \$0.00   | \$60.00  |

## Labor Periods

## Overtime Outside the Business Day, Per Technician\*

|        | <u>First Half Hour<br/>or Fraction Thereof</u> | <u>Each Additional Half Hour<br/>or Fraction Thereof</u> |
|--------|--|--|
| (USOC) | (ALT)  | (ALT)  |
|        | \$0.00   | \$70.00  |

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.2 Additional Labor, (cont'd.)

6.2.7 Charges for Additional Labor, (cont'd.)

(C) The charges for additional labor are as follows:, (cont'd.)

Labor Periods

Premium Time, Outside the Business Day, Per Technician\*

| <u>First Half Hour<br/>or Fraction Thereof</u> |        | <u>Each Additional Half Hour<br/>or Fraction Thereof</u> |
|--|--------|--|
| (USOC™)  | (ALT)  | (ALT)  |
|  | \$0.00 | \$80.00  |

(T)

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.3 Maintenance of Service Charge (USOC™ - MVV)

6.3.1 When a Customer reports trouble to the Telephone Company for clearance, the Customer shall be responsible for payment of a Maintenance of Service Charge when Telephone Company personnel are dispatched to the Customer's location and no trouble is found in the Telephone Company's facilities. Failure of Telephone Company personnel to find trouble in Telephone Company facilities will result in no charge if the trouble is actually in those facilities, but not discovered at the time.

In this case, or in 6.3.2 following, no credit allowance will be applicable for the interruption involved, unless the trouble is found in the Telephone Company's facilities.

6.3.2 The Customer shall be responsible for payment of a Maintenance of Service Charge when the Telephone Company dispatches personnel to the Customer's location and the trouble is in equipment or communications systems provided by other than the Telephone Company or in detariffed CPE provided by the Telephone Company.

6.3.3 The Maintenance of Service Charge time period will begin when Telephone Company personnel are dispatched. This will only include the actual time required to reach the Customer's location and perform an investigation. The time period will end when the investigation is finished. The labor charge as set forth in 6.2.7(A) preceding will apply to Maintenance of Service at the appropriate Basic, Overtime or Premium rate. These charges apply whether the trouble is in the equipment of communications systems provided by other than the Telephone Company, or in detariffed CPE provided by the Telephone Company.

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.4 Telecommunications Service Priority (TSP) System, (cont'd.)

6.4.7 Rates and Charges, (cont'd.)

(D) Establishment of TSP System Service Charge

|                       |                       |  |
|-----------------------|-----------------------|--|
|                       | Nonrecurring Charge   |  |
|                       | <u>Per Circuit</u>    |  |
| (USOC <sup>TM</sup> ) | (P1APX)(PR5PX)(PR8PX) |  |
|                       | (P1ASX)(PR5SX)(PR8SX) |  |

\$14.50

(D)  
(D)

(T)

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.4 Telecommunications Service Priority (TSP) System, (cont'd.)

6.4.7 Rates and Charges, (cont'd.)

(E) Restoration Priority Rates

|                       |               |
|-----------------------|---------------|
|                       | Monthly Rates |
|                       | Per Circuit   |
| (USOC <sup>TM</sup> ) | (PR9PX)       |
|                       | (PR9SX)       |
|                       | \$4.90        |

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## SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

## 6.6 Additional Testing, (cont'd.)

## 6.6.1 Switched Access Testing

Testing for Switched Access is comprised of (a) tests which are performed during the installation of Switched Access (i.e., acceptance tests) and (b) tests which are performed after acceptance of such Switched Access by a Customer (i.e., in-service tests).

These tests are performed on a scheduled or nonscheduled basis, and may be conducted on an automatic, cooperative, or manual basis, as defined in (A), (B), (C), (E), (E) following.

(A) Additional Cooperative Acceptance Testing  
(USOC<sup>TM</sup> – UBCXT; UBCOT; UBCPT)

(T)

Additional Cooperative Acceptance Testing (ACAT) of Switched Access involves the Telephone Company provision of a technician at its office(s) and the Customer provision of a technician at its CDL, with suitable test equipment to perform the required test.

Additional Cooperative Acceptance Testing may apply when the Customer requests additional tests not specified in 4.2.7. The labor charges as set forth in 6.2.7 will apply to Additional Cooperative Acceptance Testing at the Appropriate Basic, Overtime, or Premium rate.

## (B) Automatic Scheduled Testing (USOC – UBGXT)

Automatic Scheduled Testing (AST) of FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service, is provided, as specified in 4.2.1 and 4.2.2 and 4.2.2, where the Customer provides or their functional equivalent. AST charges will apply when such testing is requested on more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). The Customer may specify a more frequent schedule of tests at least sixty days prior to the start of the prescribed schedule. Trunks from a Telephone Company digital switch, to a Customer digital switch, utilizing digital facilities, are excluded from mandatory routine testing. The rates, as set forth in 6.6.3(A), will apply to additional AST.

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## SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

## 6.6 Additional Testing, (cont'd.)

## 6.6.1 Switched Access Testing, (cont'd.)

## (B) Automatic Scheduled Testing, (cont'd.)

The Telephone Company will provide a monthly AST report that lists the trunks within each Central Office access group that failed to meet established requirements. Trunk test failures requiring Customer participation for trouble resolution will be provided to the Customer on an as-occurs basis. A monthly report that lists the test results will be provided to the Customer.

## (C) Additional Cooperative Scheduled Testing (USOC™ - UBSXT; UBSXD)

(T)

Additional Cooperative Scheduled Testing (ACST) of FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D, and SAC Access Service occurs when the Telephone Company provides a technician at its office(s) and the Customer provides a technician at its Customer designated location, with suitable test equipment to perform the required tests. ACST charges will apply when loss/noise/balance testing or gain-slope testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). ACST charges also apply when additional tests are requested for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D, and SAC Access Service that are not specified in 4.2.1 and 4.2.2, respectively. The Customer may specify a more frequent schedule of tests sixty days prior to the start of the prescribed schedule. The rates, as set forth in 6.6.3(B), will apply for additional ACST.

The Telephone Company will provide, on a quarterly basis, an ACST report that lists the test results and the number of trunks that passed or failed. Trunk test failures requiring Customer participation for trouble resolution will be provided to the Customer on an as-occurs basis.

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.6 Additional Testing, (cont'd.)

6.6.1 Switched Access Testing, (cont'd.)

(D) Additional Manual Scheduled Testing (USOC<sup>TM</sup> - UBMXT; UBMXD)

(T)

Additional Manual Scheduled Testing (AMST) of FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D or SAC Access Service occurs when the Telephone Company provides a technician at its office(s) and at the Customer designated location. AMST charges will apply when loss/noise/balance testing or gain-slope testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). AMST charges also apply when additional tests are requested for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D, or SAC Access Service that are not specified in 4.2.1 and 4.2.2, respectively. The Customer may specify a more frequent schedule of tests sixty days prior to the start of the prescribed schedule. The rates as set forth in 6.6.3(C) following will apply to additional AMST.

The Telephone Company will provide, on a quarterly basis, an AMST report that lists the test results and the number of trunks that passed or failed. Trunk test failures requiring Customer participation for trouble resolution will be provided to the Customer on an as-occurs basis.

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## SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

## 6.6 Additional Testing, (cont'd.)

## 6.6.1 Switched Access Testing, (cont'd.)

## (E) Nonscheduled Testing

Nonscheduled Testing (NST) will be performed "on demand" which results in the measurement of Switched Access. NST charges will apply only when testing is requested more frequently than is provided for in accordance with COMPS, or when a specific test is requested that is not normally performed. Tests for Switched Access which are normally performed are contained in 4.2.1 and 4.2.2. Nonscheduled Testing (NST) of Switched Access may consist of the following testing arrangements:

- the Customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent (automatic testing), or (USOC<sup>TM</sup> - USCXT)
- the Telephone Company provides a technician at its office(s) and the Customer provides a technician at its Customer designated location with suitable test equipment to perform the required tests (cooperative testing), or (USOC - USSXT; USSOT; USSPT)
- the Telephone Company provides a technician at its office(s), and at the Customer designated location or end user premises with suitable test equipment to perform the required tests (manual testing). (USOC - USMXT; USMOT; USMPT)

Nonscheduled Tests may consist of any tests which the Customer may require. The rates as set forth in 6.5.3(A) following will apply to Nonscheduled Automatic Testing. The labor as set forth in 6.2.7 preceding will apply to Nonscheduled Cooperative and Manual FIA Testing at the appropriate Basic, Overtime, or premium rate.

If nonscheduled tests are required and trouble is found in the Telephone Company facilities, charges for testing the Telephone Company facilities will not apply. If, however, trouble is found in the Customer equipment, charges as set forth in 6.6.3(A) following and labor charges as set forth in 6.2.7 preceding are applicable.

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## SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

## 6.6 Additional Testing, (cont'd.)

## 6.6.2 Special Access Testing

The Telephone Company will, at the request of a Customer, provide assistance in performing specific tests requested by the Customer, however, the Telephone Company will only perform maintenance testing for its facilities within the LATA.

## (A) Additional Cooperative Acceptance Testing

(USOC<sup>TM</sup> - SNTXT; SNTOT; SNTPT)

When a Customer provides a technician at its Customer designated location or at the end user premises, with suitable test equipment to perform the required tests, the Telephone Company will provide a technician at its office for the purpose of conducting Additional Cooperative Acceptance Testing (ACAT). The labor charges as set forth in 6.2.7 preceding will apply to ACAT at the appropriate Basic, Overtime, or Premium rate.

Additional Cooperative Acceptance Testing charges will apply when the Customer requests tests which are not required to meet the transmission performance parameters as set forth in the GTE Technical Interface Reference Manual.

## (B) Nonscheduled Testing (USOC - SNOXT; SNOOT; SNOPT)

When a Customer provides a technician at its Customer designated location or at the end user premises, with suitable test equipment to perform the required tests, the Telephone Company will provide a technician at its office (cooperative testing) for the purpose of conducting Nonscheduled Testing (NST). Nonscheduled testing may consist of any test (e.g., loss, noise, slope, envelope delay, etc.) which the Customer may request. If such testing indicates trouble in Telephone Company facilities, then the Customer will not be charged. NST charges will apply if the trouble is in the facilities of the Customer. At the Customer's request, the Telephone Company will provide a technician at the Customer designated location or at the end user premises (manual testing). The labor charges as set forth in 6.2.7 preceding will apply to Nonscheduled Testing at the appropriate Basic, Overtime, or Premium rate.

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.6 Additional Testing, (cont'd.)

6.6.2 Special Access Testing, (cont'd.)

(C) Obligation of the Customer

The Customer shall make the facilities to be tested available to the Telephone Company at times mutually agreed upon.

6.6.3 Rates and Charges

(A) Automatic Scheduled Testing

Basic Offering to First Point of Switching  
Per Transmission Path, Per Month

|                       |                           |     |
|-----------------------|---------------------------|-----|
| (USOC <sup>TM</sup> ) | Rate<br>(UBGXT)<br>\$0.45 | (T) |
|-----------------------|---------------------------|-----|

(B) Additional Cooperative Scheduled Testing

Basic Offering to First Point of Switching  
Per Transmission Path, Per Month

|        |                           |
|--------|---------------------------|
| (USOC) | Rate<br>(UBSXT)<br>\$1.51 |
|--------|---------------------------|

Gain-Slope-To First Point of Switching  
Per Transmission Path, Per Month

|        |                           |
|--------|---------------------------|
| (USOC) | Rate<br>(UBSXD)<br>\$0.64 |
|--------|---------------------------|

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.6 Additional Testing, (cont'd.)

6.6.3 Rates and Charges, (cont'd.)

(C) Additional Manual Scheduled Testing

Basic Offering to First Point of Switching  
Per Transmission Path, Per Month

|                       |                           |
|-----------------------|---------------------------|
| (USOC <sup>TM</sup> ) | Rate<br>(UBMXT)<br>\$3.02 |
|-----------------------|---------------------------|

(T)

Gain-Slope-To First Point of Switching  
Per Transmission Path, Per Month

|        |                           |
|--------|---------------------------|
| (USOC) | Rate<br>(UBMXT)<br>\$1.29 |
|--------|---------------------------|

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## SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

## 6.7 End User/Agent Lists, (cont'd.)

## 6.7.2 Allocation Lists

- (A) The Telephone Company will provide to the IC, at no charge, a list of end users and agents that have been allocated to the IC as described in 6.5.2. This list will be provided after the Balloting and Allocation process occurs.
- (B) A list of all end users and agents who have been allocated, in accordance with 6.5.2, will be available to an IC upon request. Charges in 6.7.1(A) will apply. The nonrecurring charge for the Allocation List applies each time the IC orders the service. A single order may contain all end offices within a state having the same equal access conversion date.

## 6.7.3 Snapshot List

The Snapshot List is a summary of selected end user and agent information for specific IC which resides in the Telephone Company Customer data base. The snapshot List may be provided on magnetic tape, electronic transmission, or paper printout, at the option of the IC, at rates provided in 6.7.5(B). Foreign listings, PBX stations, CU centrex stations and numbers not in service will not be provided.

The Snapshot List will be provided to the IC no later than 30 days after receipt of the order. The nonrecurring charge for the Snapshot List applies per state per order.

The purpose, liability and objectives associated with the provision of the Snapshot List is in 6.7.1(B), (C), (D), (E).

## 6.7.4 Line Range Reports - Lines Not Available For Subscription (USOC™ - OHB; OHC; OHD)

The Line Range Report provides information to the IC regarding a line or series of lines (telephone numbers) that are not available for subscription. The lines may be in a central office that has not been converted to equal access or may have services/equipment which make it not available for subscription.

The Line Range Report can be provided on a monthly basis as requested by the Customer. Each monthly report provided will incur a nonrecurring charge as set forth in 6.7.5(C).

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.7 End User/Agent Lists, (cont'd.)

6.7.5 Rates and Charges

(A) Initial and Allocation Lists

| Initial List |   | Allocation List                               |                                   |
|--------------|---|---|-----------------------------------|
| (USOC™)      | Nonrecurring Charge<br>Per State, Per Order<br>(DMT)<br>\$50.00 | Per Customer*<br>Account<br>(2Y6CT)<br>\$0.03 | Per Listing*<br>(2Y6CT)<br>\$0.03 |

\* For the purpose of the Initial Lists Customer and agent is defined in Section 2.6.  
For the purpose of the Allocation list, a listing is defined as an end user or agent record eligible for a Primary Interexchange Carrier Selection.

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.7 End User/Agent Lists, (cont'd.)

6.7.5 Rates and Charges, (cont'd.)

(B) Snapshot List

|         | Nonrecurring Charge<br>Per State Per Order | Snapshot List<br>Per Listing* |
|---------|--|-------------------------------|
| (USOC™) | <u>(SSQ)</u>                               | <u>(SSY)</u>                  |
|         | \$75.00                                    | \$0.05                        |

(T)

\* For the purpose of the Snapshot list, a listing is defined as an end user or agent record eligible for a Predesignated Interexchange Carrier Selection.

(C) Line Range Reports - Lines Not Available For Subscription

|        | Nonrecurring Charge<br>Per Order |
|--------|----------------------------------|
| (USOC) | <u>(NRBZR)</u>                   |
|        | \$583.00                         |

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## FACILITIES FOR INTERSTATE ACCESS

## SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

## 6.8 Billing Name and Address Services (BNAS), (cont'd.)

## 6.8.2 End User Validation List, (cont'd.)

(F) End User Validation Lists will normally be provided to the Customer within thirty calendar days after receipt of a request and within ten (10) business days of extraction, or at an interval mutually agreed upon. The administrative fee set forth under 6.8.3(C) applies per request, whether ordered on a per state, multi-state, or national level.

(G) Conditions regarding refusal or discontinuance of this service are set forth in 2.1.8.

## 6.8.3 Rates and Charges

## (A) Per Call/Periodic BNA

|                       | Billing Name<br>and<br>Address<br>Found/Each | Billing Name<br>and Address Not<br>Found/Each | Processing Fee*<br>Paper Report,<br>Electronic<br>Transmission, or<br>Magnetic<br>Tape/Each State |     |
|-----------------------|--|---|---|-----|
| (USOC <sup>TM</sup> ) | <u>(BNYFX)</u>                               | <u>(BNYNX)</u>                                | <u>(BNYMX)</u>  | (T) |
|                       | \$0.34                                       | \$0.29  | \$50.00   |     |

\* Applies once per calendar year for BNA processing done within that calendar year.

## (B) Data Gathering Service

|        | Per Record<br>Accessed | Processing Fee*<br>Paper Report, Electronic<br>Transmission or Magnetic<br>Tape/Each State |
|--------|------------------------|--|
| (USOC) | <u>(D7GPR)</u>         | <u>(D7G)</u>   |
|        | \$0.18                 | \$75.00  |

\* Applies once per calendar year for DGS processing done within that calendar year.

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.8 Billing Name and Address Services (BNAS), (cont'd.)

6.8.3 Rates and Charges, (cont'd.)

(C) End User Validation List

| (USOC™) | Standard Sort, Per<br>Record Provided<br>(BVY1X) | Administrative Fee<br>Paper Report, Electronic<br>Transmission or<br>Magnetic Tape/ Per<br>Request<br>(BVY) | Special Sort, Per<br>Record Provided<br>(BVY2X) | (T) |
|---------|--|---|---|-----|
|         |  |   |   |     |
|         | \$0.034  | \$78.00   | \$0.054   |     |

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.17 DS1 Span Power

When DS1 Service, provided over metallic facilities, is connected to Customer-provided optical high voltage protection equipment, the Telephone Company will provide upon request, DS1 span power from the CO to the CPE electrical-to-optical converter, at the point of termination.

|   | <u>NRC</u> | <u>MRC</u> |     |
|---|------------|------------|-----|
| USOC™                                     | (VPQSP)    | (VPQSP)    | (T) |
| Telephone Company provided DS1 Span Power | \$340.00   | \$71.00    |     |

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SECTION 6 – MISCELLANEOUS SERVICES, (cont'd.)

6.18 Universal Service Fund Charge

The Universal Service Fund (USF) charge provides for affordable local telephone service for all Customers and provides a discount to schools, libraries and low-income families.

The USF charge will be assessed to end user Customers who order Special Access Services, from this tariff. The USF charge will be determined by multiplying a USF Surcharge factor of 0.164 by the end user Customer's monthly billing account level interstate charges for these services. (I)

The USF charge will also be assessed to end user Customers on Other Incidental Charges. A USF Surcharge factor of 0.164 will be applied to the following nonrecurring charges: (I)

- Nonrecurring Charge for Presubscribed Interexchange Carrier
- Primary Interexchange Carrier Charge

To the extent the Nonrecurring Charge for Presubscribed Interexchange carrier is billed to an IC, as set forth in 6.5.6 and 6.5.7, the USF Surcharge will apply to the IC.

The USF charge, as shown in this section of the tariff, shall be assessed to Customers that are billed end user common line charges. These USF charges will not be assessed to Lifeline Customers, with the exception of the USF on Other Incidental Charges.

|  | <u>USF Charge</u> |     |
|--|-------------------|-----|
| Primary Residential Line                       | \$1.11            | (I) |
| Non-Primary Residential Line                   | \$1.19            |     |
| Business Single Line                           | \$1.11            |     |
| Per ISDN BRI Arrangement                       | \$2.38            |     |
| Per ISDN PRI Arrangement                       | \$15.05           |     |
| Multi-Line Business - Other                    | \$2.43            |     |
| PBX Trunks with 9 LNPs (includes DCS Services) | \$2.43            | (I) |
| Centrex <sup>SM</sup>                          |                   |     |
| First 1 – 9 Lines (Flat Rate)                  | \$2.43            | (I) |
| 10 Lines and Over (Per Line)                   | \$0.27            | (I) |

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SECTION 7 - SPECIALIZED FIA OR ARRANGEMENTS, (cont'd.)

7.2 Rates and Charges (USOC™ - 1ZZ++)

Rates and charges and additional regulations, if applicable, for Specialized FIA or Arrangements are filed following:

| 7.2.1 | <u>Customer Name</u> | <u>Description<br/>and Location</u>   | <u>Charges</u>   | <u>USOC</u> |
|-------|----------------------|---|--|-------------|
|       | U. S. Army           | E&M trunk circuit<br>in Ft. Shafter<br>DATS C.O. for<br>AUTOVON access.   | MTL - \$1,248.00<br>MRC - \$ 57.00<br>NRC - \$ 114.00  | 1ZZAB       |
| 7.2.2 | U. S. Army           | Arrangement in<br>Ft. Shafter DATS<br>C.O. to interface an<br>E&M trunk circuit<br>with a 4-wire AUTOVON<br>access line to CONUS. | MTL - \$2,218.00<br>MRC - \$ 101.00<br>NRC - \$ 100.00 | 1ZZAC       |

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SECTION 8 - ANCILLARY SERVICES, (cont'd.)

8.2 Operator Services, (cont'd.)

8.2.4 Rates and Charges

(A) Operator Transfer Service

(USOC<sup>TM</sup>)

Per call transferred

Rate  
(BHMOM)  
\$0.35

(T)

(B) Inward Operator Assistance Service

(USOC)

Per call, per telephone number

Rate  
(BHMTT)  
\$0.65

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SECTION 9 - SPECIAL FACILITIES ROUTING OF FIA, (cont'd.)

9.2 Rates and Charges

The rates and charges for Special Facilities Routing of FIA are as follows:

9.2.1 Diversity (USOC<sup>TM</sup> - SYD++)

For each FIA provided in accordance with 9.1.1 preceding, the rates and charges will be developed on an Individual Case Basis and filed following:

None at this time.

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SECTION 9 - SPECIAL FACILITIES ROUTING OF FIA, (cont'd.)

9.2 Rates and Charges, (cont'd.)

9.2.2 Cable-Only Facilities (USOC™ - SYC++)

(D)  
(D)  
(T)

For each FIA provided in accordance with 9.1.3 preceding, the rates and charges will be developed on an Individual Case Basis and filed following:

None at this time.

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FACILITIES FOR INTERSTATE ACCESS

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## SECTION 11 – SPECIAL FEDERAL GOVERNMENT FIA, (cont'd.)

## 11.6 FIA Offerings to the Federal Government

The following FIA are provided only for agencies or branches of the Federal Government. Access Services provided to the Federal Government but not specified in the following will be provided in accordance with the regulations and at the rates contained in other sections of this tariff.

## 11.6.1 Type and Description

## (A) Voiceband Special Access

## (1) Voice Grade Secure Communications Type III (USOC™ - GOV3X)

(T)

Approximate bandwidth 10-50000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communication between a Customer designated location and an end user's premises. Special Access is conditioned as follows:

G-2 Conditioning - The absolute loss with respect to frequency and the net loss variation from the customer designated location to the end user's premises shall not exceed, with respect to frequency, (referenced to one milliwatt):

15 dB at 10 Hz  
13 dB at 100 Hz  
12 dB at 1000 Hz  
20 dB at 10000 Hz  
30 dB at 50000 Hz

From the end user's premises to the Customer designated location the absolute loss (referenced to one milliwatt) with respect to frequency shall not exceed:

0 dB at 1000 Hz  
+ 1 dB between 1000 Hz and 40000 Hz  
+ 2 dB between 10 Hz and 50000 Hz (+ means more loss)

The net loss of the conditioned Special Access (with or without additional conditioning) shall not vary by more than 4 dB at 1000 Hz from the levels specified above. Voice frequency signaling or supervisory tones can be transmitted.

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(D)  
(D)

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SECTION 11 – SPECIAL FEDERAL GOVERNMENT FIA, (cont'd.)

11.6 FIA Offerings to the Federal Government, (cont'd.)

11.6.1 Type and Description, (cont'd.)

(B) Special Wideband Digital Special Access

Special Access arrangements for secured communications to accommodate the transmission of binary digital baseband signals in a random polar format.

(1) Wideband Secure Communications Type III (USOC™ - GW3++)

(T)

To accommodate the transmission of restored polar two-level facsimile signals with a minimum signal element width of 20 microseconds at a rate of 50,000 bits per second.

To accommodate the transmission of binary digital baseband signals in a random polar format at the rate of 50,000 bits per second.

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## SECTION 17 – EXPANDED INTERCONNECTION SERVICES, (cont'd.)

## 17.7 Physical EIS, (cont'd.)

## 17.7.7 Shared Physical EIS Arrangements, (cont'd.)

(D) Orders for connection to Telephone Company services must be placed by the COR. The host and guest(s) may agree that such orders may be placed by the guest(s), but in such cases, the Telephone Company must be provided with an acceptable Letter of Authorization explicitly authorizing the guest(s) to place such orders.

(E) All terms and conditions for Physical EIS as described in this Section will apply. In addition, the following terms and conditions will apply to Shared Physical EIS Arrangements.

- The host and guest(s) must each be collocating for the purpose of interconnecting to Telephone Company services.
- The COR assumes the responsibility for the guest's violation of all tariff regulations and other requirements related to a Shared Physical EIS Arrangement and will be liable for any damage or injury to the Telephone Company caused by the conduct of the guest(s) to the same extent as the COR would be liable if it had engaged in such conduct itself. The COR will also indemnify the Telephone Company against any third-party claims resulting from the guest's conduct to the same extent as it would be responsible for such indemnification if it had engaged in such conduct itself.
- The Telephone Company will issue only one identifying CLLI<sup>(TM)</sup> code and provide it to the host.
- All occupancy and specific Physical EIS Arrangement communications will be between the host and the Telephone Company as specified in this tariff.
- The host will remain responsible for all costs associated with the Shared Physical EIS Arrangement. The Telephone Company will not split bill any of the rate elements associated with the Physical EIS Arrangement between the host and its guest(s) (e.g., Engineering Fee, Cable Space and Cable Pull, dc Power, Overhead Superstructure, Cage Enclosure, and Partition Space, etc.).

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## SECTION 17 – EXPANDED INTERCONNECTION SERVICES, (cont'd.)

## 17.13 Expanded Interconnection Service Alternatives, (cont'd.)

## 17.13.1 Competitive Alternate Transport Terminal (CATT) Arrangement, (cont'd.)

## (C) Provisioning of CFP Facilities to the CATT, (cont'd.)

The Telephone Company will not allow transition splices within the cable vault. All CFP entrance fiber cables and activities associated with pulling the cable into the wire center and to the CATT arrangement must comply with Telephone Company practices and procedures. At any time, should the CFPs' installation be found in non-compliance with Telephone Company practices, the CFP will be responsible for correcting the problem within 48 hours of notification by the Telephone Company.

The Telephone Company provides and retains ownership of the equipment bay used in the CATT arrangement. The Telephone Company may conduct a quality inspection when the work is completed. At any time, should the CFPs installation be found in non-compliance with Company practices, the CFP will be responsible for correcting the problem within 48 hours of notification by the Telephone Company.

The CFP shall be responsible for the maintenance of defective splices and fiber must escort the CFP, or approved CFP agents, while any maintenance is performed on the CATT arrangement. Charges for escorting will be based on the applicable Additional Labor rates as set forth under Section 6.2.7.

The CFP will be responsible for placing an identification tag on its entrance fiber every 20 feet. The ID tags should include CFP company name, emergency contact name and telephone number, cable ID number and 11 character Common Language Location Identifier (CLLI<sup>(TM)</sup>) Code. The CFP splice tray at the CATT must also be labeled with the same CFP information.

Installation of CFP facilities is subject to all applicable regulations for EIS provided facilities as set forth in section 17.7.4 preceding.

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## FACILITIES FOR INTERSTATE ACCESS

## SECTION 19 – RATE ZONE WIRE CENTERS, (cont'd.)

## 19.2 Wire Center Zone Assignment

| <u>STATE</u> | <u>RATE</u><br><u>ZONE/BAND</u> | <u>CLLI</u> <sup>(TM)</sup> | <u>WIRE CENTER NAME</u> | <u>MSA LEVEL</u> | <u>MSA NAME</u> | (T) |
|--------------|---------------------------------|-----------------------------|-------------------------|------------------|-----------------|-----|
| HI           | 1/A                             | AIEAHICO                    | AIEA                    | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | BRPTHICO                    | BARBERS POINT           | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | HNLLHIMN                    | HONOLULU-ALAKEA         | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | HNLLHIXA                    | KAKAAKO                 | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | HNLLHIXS                    | KAKAAKO                 | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | KAIMHICO                    | KAIMUKI                 | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | KLHIHICO                    | KALIHI                  | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | MKHAHICO                    | MAKAHA                  | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | MLUAHICO                    | MOANALUA                | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | NANAHICO                    | NANAKULI                | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | PLOAHICO                    | PUULOA                  | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | PNHOHICO                    | PUNAHOU                 | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | PRLCHICO                    | PEARL CITY              | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | WAHWHIMN                    | WAHIAWA                 | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | WKKIHICO                    | WAIKIKI                 | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | WNAEHICO                    | WAIANAE                 | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | WPHUHICO                    | WAIPAHU                 | 1 SP & DSW       | Honolulu        |     |
|              | 1/A                             | WPHUHIXB                    | WAIPAHU                 | 1 SP & DSW       | Honolulu        |     |
|              | 2                               | AHMLHIQA                    | ANAEHOOMALU             |                  |                 |     |
|              | 2/B                             | CCAPHI49                    | CAPEHART                | 1 SP & DSW       | Honolulu        |     |
|              | 2/B                             | EWABHICO                    | EWA BEACH               | 1 SP & DSW       | Honolulu        |     |
|              | 2                               | HILOHIMN                    | HILO                    |                  |                 |     |
|              | 2/B                             | KAILHICO                    | KAILUA                  | 1 SP & DSW       | Honolulu        |     |
|              | 2/B                             | KANHHICO                    | KANEOHE                 | 1 SP & DSW       | Honolulu        |     |
|              | 2                               | KIHEHICO                    | KIHEI                   |                  |                 |     |
|              | 2                               | KLUIHICO                    | KAHULUI                 |                  |                 |     |
|              | 2                               | KMLAHICO                    | KAMUELA                 |                  |                 |     |
|              | 2/B                             | KOKOHICO                    | KOKO HEAD               | 1 SP & DSW       | Honolulu        |     |
|              | 2                               | KONAHICO                    | KONA                    |                  |                 |     |
|              | 2                               | KPAAHICO                    | KAPAA                   |                  |                 |     |
|              | 2/B                             | LAIEHICO                    | LAIE                    | 1 SP & DSW       | Honolulu        |     |
|              | 2                               | LHNAHICO                    | LAHAINA                 |                  |                 |     |
|              | 2                               | LHUEHIMN                    | LIHUE                   |                  |                 |     |
|              | 2/B                             | MILNHICO                    | MILILANI                | 1 SP & DSW       | Honolulu        |     |
|              | 2/B                             | MKPUHICO                    | MOKAPU                  | 1 SP & DSW       | Honolulu        |     |
|              | 2                               | MKWOHICO                    | MAKAWAO                 |                  |                 |     |
|              | 2                               | NPLIHICO                    | NAPILI                  |                  |                 |     |
|              | 2                               | WLKUHIMN                    | WAILUKU                 |                  |                 |     |
|              | 2/B                             | WLUAHICO                    | WAIALUA                 | 1 SP & DSW       | Honolulu        |     |
|              | 3/C                             | ANHNHICO                    | AINA HAINA              | 1 SP & DSW       | Honolulu        |     |
|              | 3/C                             | EWA HICO                    | EWA                     | 1 SP & DSW       | Honolulu        |     |

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## SECTION 19 – RATE ZONE WIRE CENTERS, (cont'd.)

## 19.2 Wire Center Zone Assignment, (cont'd.)

| <u>STATE</u> | <u>RATE</u><br><u>ZONE/BAND</u> | <u>CLLI</u> <sup>(TM)</sup> | <u>WIRE CENTER NAME</u> | <u>MSA LEVEL</u> | <u>MSA NAME</u> | (T) |
|--------------|---------------------------------|-----------------------------|-------------------------|------------------|-----------------|-----|
| HI           | 3/C                             | EWAHIXA                     | EWA-SODA CREEK          | 1 SP & DSW       | Honolulu        |     |
|              | 3                               | HAKUHICO                    | HAIKU                   |                  |                 |     |
|              | 3                               | HANAHICO                    | HANA                    |                  |                 |     |
|              | 3                               | HNAUHICO                    | HONAUNAU                |                  |                 |     |
|              | 3                               | HNKAHICO                    | HONOKAA                 |                  |                 |     |
|              | 3                               | HNMUHICO                    | HONAMU                  |                  |                 |     |
|              | 3                               | HNPEHICO                    | HANAPEPE                |                  |                 |     |
|              | 3/C                             | KAAAHICO                    | KAAAWA                  | 1 SP & DSW       | Honolulu        |     |
|              | 3                               | KEAUHICO                    | KEAAU                   |                  |                 |     |
|              | 3/C                             | KEHIHICO                    | KEAHI                   | 1 SP & DSW       | Honolulu        |     |
|              | 3                               | KHAEHICO                    | KAWAIHAE                |                  |                 |     |
|              | 3                               | KHLAHICO                    | KOHALA                  |                  |                 |     |
|              | 3/C                             | KHLUHICO                    | KAHALUU                 | 1 SP & DSW       | Honolulu        |     |
|              | 3                               | KHOUHICO                    | KEAUHOU                 |                  |                 |     |
|              | 3                               | KILAHICO                    | KILAUEA                 |                  |                 |     |
|              | 3                               | KKAIHIMN                    | KAUNAKAKAI              |                  |                 |     |
|              | 3                               | KKHAHICO                    | KEKAHA                  |                  |                 |     |
|              | 3                               | KLAOHICO                    | KALAOA                  |                  |                 |     |
|              | 3                               | KLHOHICO                    | KALAHEO                 |                  |                 |     |
|              | 3                               | KLKKHICO                    | KEALAKEKUA              |                  |                 |     |
|              | 3                               | KLOAHICO                    | KOLOA                   |                  |                 |     |
|              | 3                               | KLPUHICO                    | KUALAPUU                |                  |                 |     |
|              | 3                               | KULAHICO                    | KULA                    |                  |                 |     |
|              | 3                               | KWLNHICO                    | KAWAILANI               |                  |                 |     |
|              | 3                               | LAUPHICO                    | LAUPAHOEHOE             |                  |                 |     |
|              | 3                               | LNCYHIMN                    | LANAI CITY              |                  |                 |     |
|              | 3/C                             | MKLOHICO                    | MAKAKILO                | 1 SP & DSW       | Honolulu        |     |
|              | 3                               | MNLOHICO                    | MAUNALOA                |                  |                 |     |
|              | 3/C                             | MNOAHICO                    | MANOA                   | 1 SP & DSW       | Honolulu        |     |
|              | 3/C                             | MILNHIXB                    | MILILANI MAUKA          | 1 SP & DSW       | Honolulu        |     |
|              | 3                               | MTVWHICO                    | MOUNTAIN VIEW           |                  |                 |     |
|              | 3                               | NLHUHICO                    | NAALEHU                 |                  |                 |     |
|              | 3                               | PAAUHICO                    | PAAUILO                 |                  |                 |     |
|              | 3                               | PAIAHICO                    | PAIA                    |                  |                 |     |
|              | 3                               | PHLAHICO                    | PAHALA                  |                  |                 |     |
|              | 3                               | PHOAHICO                    | PAHOA                   |                  |                 |     |
|              | 3/C                             | PKAPHIXA                    | PUU KAPOLEI             | 1 SP & DSW       | Honolulu        |     |
|              | 3/C                             | PNUIHICO                    | PUUNUI                  | 1 SP & DSW       | Honolulu        |     |
|              | 3                               | PPKUHICO                    | PAPAIKOU                |                  |                 |     |
|              | 3                               | PRCVHICO                    | PRINCEVILLE             |                  |                 |     |
|              | 3/C                             | SSBHHICO                    | SUNSET BEACH            | 1 SP & DSW       | Honolulu        |     |
|              | 3                               | ULPEHICO                    | UALAPUE                 |                  |                 |     |
|              | 3                               | VOLCHICO                    | VOLCANO                 |                  |                 |     |
|              | 3                               | WKLOHICO                    | WAIKOLOA                |                  |                 |     |
|              | 3                               | WMEAHICO                    | WAIMEA                  |                  |                 |     |
|              | 3/C                             | WMLOHICO                    | WAIMANALO               | 1 SP & DSW       | Honolulu        |     |

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HAWAIIAN TELCOM, INC.

Tariff F.C.C. No. 1

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3<sup>rd</sup> Revised Page 20-36  
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FACILITIES FOR INTERSTATE ACCESS

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SECTION 20 – OPTICAL NETWORKING, (cont'd.)

20.8 Optical Networking LANs \*

| <u>State</u> | <u>CLLI</u> <sup>(TM)</sup> | <u>Wire Center</u> | <u>LAN Name</u> | <u>Contiguous LAN</u> | (T) |
|--------------|-----------------------------|--------------------|-----------------|-----------------------|-----|
| HI           | AIEAHICO                    | AIEA               | Honolulu        | Central               |     |
| HI           | HNLLHIMN                    | HONOLULU-ALAKEA    | Honolulu        |                       |     |
| HI           | KAILHICO                    | KAILUA             | Honolulu        |                       |     |
| HI           | KANHHICO                    | KANEOHE            | Honolulu        |                       |     |
| HI           | KOKOHICO                    | KOKO HEAD          | Honolulu        |                       |     |
| HI           | MLUAHICO                    | MOANALUA           | Honolulu        |                       |     |
| HI           | PLOAHICO                    | PUULOA             | Honolulu        |                       |     |
| HI           | PNHOHICO                    | PUNAHOU            | Honolulu        |                       |     |
| HI           | MILNHICO                    | MILILANI           | Central         |                       |     |
| HI           | WPHUHICO                    | WAIPAHU            | Central         |                       |     |
| HI           | WANEHICO                    | WAIANAE**          | Central         |                       |     |
| HI           | MKHAHICO                    | MAKAHA             | Central         |                       |     |

\*\* This wire center is available only as a pass through office from the cable head for STM1 EtherPoint access service from Honolulu to Japan.

\* Reference 20.12 for availability of service.

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SECTION 20 – OPTICAL NETWORKING, (cont'd.)

20.8 Optical Networking LANs \*, (cont'd.)

| <u>State</u> | <u>CLLI</u> <sup>(TM)</sup> | <u>Wire Center</u> | <u>LAN Name</u> | <u>Contiguous LAN</u> | (T) |
|--------------|-----------------------------|--------------------|-----------------|-----------------------|-----|
| HI           | PKAPHIXA                    | KAPOLEI            | Central         |                       |     |
| HI           | WPHUHXB                     | ROYAL KUNIA        | Central         |                       |     |
| HI           | MAUKHICO                    | MILILANI MAUKA     | Central         |                       |     |
| HI           | WMLOHICO                    | WAIMANALO          | Central         |                       |     |
| HI           | WLUAHICO                    | WAIALUA            | Central         |                       |     |
| HI           | LAIEHICO                    | LAIE               | Central         |                       |     |
| HI           | WAHWHICO                    | WAHIAWA            | Central         |                       |     |
| HI           | WLKUHICO                    | WAILUKU            | Maui            |                       |     |
| HI           | KIHEHICO                    | KIHEI              | Maui            |                       |     |
| HI           | HILOHICO                    | HILO               | Hilo            |                       |     |
| HI           | KMLOHICO                    | KAMUELA            | Hilo            |                       |     |
| HI           | KHAEHICO                    | KAWAIHAE           | Hilo            |                       |     |

\* Reference 20.12 for availability of service.

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