ACCESSSERVICE

16.   PacketDataServices

   16.1 ReservedforFutureUse

   16.2 ReservedforFutureUse

   16.3 ReservedforFutureUse

   16.4 ReservedforFutureUse

ACCESSSERVICE

16.   PacketDataServices   (Cont'd)

16.5   IP(InternetProtocol)RoutingService

16.5.1   ServiceDescription

TheTelephoneCompany'sIP(InternetProtocol)RoutingService,IPRS, providesforthecollection,concentrationandmanagementofthecustomer's datatrafficwithinaLATA.IPRSconsistsofnetworkrouterslocatedatLATA hubsitesthatwillcollectthecustomer'senduserdatatrafficandconcentrateit forconnectionandtransportovertheTelephoneCompany'sPacketData Servicetoacustomer'sdesignatedlocation.

Thecustomerhastheoptionofutilizing,asafeatureofIPRS,SingleNumber Routinginlieuoflocaltelephonenumbers,whichareincludedaspartofIPRS. Thisoptionprovidesforallendusersinadefinedgeographicarea(i.e.,a LATA)tohaveaccesstothecustomerviaonespecializedtelephonenumber. Theendusercaninitiateacallwithintheserviceareatothecustomer,andthe callwillbetreatedasalocalcallbytheTelephoneCompanyfortheconnection anddurationofthecall.ThisoptionispartofthestandardIPRSofferingandis includedintheratesandchargesforIPRSatnoadditionalcharge.

Thefollowingtwoalternativesareofferedtothecustomerunderthisoption:
1.   TheTelephoneCompanywillassignaSingleNumberRoutingtelephone numberfroma500NPA;or
2.   ThecustomercanprovidetheTelephoneCompanywithitsown555-XXXXtelephonenumberacquiredfromtheNorthAmericanNumbering PlanAdministration.

ForthosecustomersthatoptforSingleNumberRouting,theTelephone Companywillprovisioneitherasingle500or555telephonenumber.Ifthe customerrequestsadditional500or555telephonenumbers,specialassembly chargeswillapply.

IPRSprovidestwotypesofportsforthecollectionofenduserdatatraffic.The porttype(s)is/aredeterminedbythemethod(s)chosenbythecustomerfor accesstoitsenduser(s).Thetwoporttypesare:

ACCESSSERVICE

16. PacketDataServices (Cont'd)

16.5 IP(InternetProtocol)RoutingService (Cont'd)

16.5.1 ServiceDescription (Cont'd)

1)Dial-upPort
2)IPRSDS1/1.544MbpsPort*

TheDial-upPorttypeisintendedforusewithas inglecomputerconnectionandnot forconnectiontoaLocalAreaNetwork(LAN).

IPRSdoesnotincludetheenduseraccessservice. Enduserservicesand facilitiesareavailablefromthisandotherpublic telephonenetworktariffs.

IPRSrequirestheuseofRADIUS(RemoteAuthentica tionDial-InUserService),a networksecurityprotocol,forthecustomer'sauthe nticationandauthorizationofits dial-upenduser(s).SeeSection16.5.2following fortechnicalreferences.

MaintenanceandupgradesforIPRSareperformeddu ringthehoursof11:00p.m. and8:00a.m.Attimes,duringthehoursofmainte nanceactivity,itwillbe necessarytoplaceacustomer'sserviceinaninact iveorout-of-servicecondition. Theamountoftimethatthisscheduledout-of-servi ceconditionwillexistiscalleda "maintenancewindow."TheTelephoneCompanywillp rovidethecustomernotice priortothemaintenancewindowandwillworkcoope rativelywiththecustomerto minimizeservicedisruption.Maintenancewindowac tivitycouldbescheduledfor consecutivedays.

16.5.2 TechnicalSpecifications

IPRSisprovidedincompliancewithstandardsesta blishedbytheInternet ArchitectureBoardasstatedinthefollowingpubli cations:

STD0001,InternetOfficialProtocolStandards;J Postel,Editor,issuedJune1997.

RFC2138,RemoteAuthenticationDial-InUserServi ce(RADIUS);CRigney,A. Rubens,W.Simpson,S.Wilens.,issuedApril1997.

* EffectiveSeptember15,2001,theIPRSDS1/1.544 MbpsPortwillnolongerbeavailablefornew servicerequests.

ACCESSSERVICE

16. PacketDataServices (Cont'd)

16.5 IP(InternetProtocol)RoutingService (Cont'd)

16.5.3 TermsandConditions

(A) IPRSisahubbedservice.IPRSwirecenters aredesignatedin(B) following.

(B) LATA HUBWireCenter

Clarksburg	Clarksburg
Clarksburg	Morgantown
Charleston	Charleston
Charleston	Parkersburg

(C) IPRSisavailableonamonth-to-monthbasis andforcommitmentperiods of3yearsand5years.

(D) Month-to-monthserviceissubjecttoaminim umserviceperiodof12 months.

(E) Customerselectinga3-yearor5-yeartermm ustalsoselectaminimum portvolumefortheserviceperiod.

(F) IPRSisprovidedonanegotiatedservicedat einterval.

(G) IPRSismonitoredandmaintained24hours-a- day7days-a-weekfor troubleisolationandresolution.

(H) Thecustomerisresponsibleforpurchasinga nadequatequantityofports toaccommodateoriginatingdial-uptraffic,whichi sdeliveredtothe selectedIPRShub(s)foraggregationandroutingto thecustomer'shost location.APortCapacityReport,furnishedbythe TelephoneCompany, thatindicates100%utilizationfor30minutesorm oreduringanyone- weekperiodwillrequirethecustomertoaugmentth eirportcapacity accordinglyintheaffectedhub(s).

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16. <u>PacketDataServices</u> (Cont'd)

    16.5 <u>IP(InternetProtocol)RoutingService</u> (Cont'd)

        16.5.4R<u>ateRegulations</u>

           A) Allratecategoriesarebilledmonthly.

           B) Nonrecurringchargesapplyfortheinstallati onofeachportassetforthin Section16.5.6following.

              Aconversionofservicetoanewcommitmentper iodofequalorgreater lengththantheremainderoftheexistingtermdoes notincur nonrecurringchargesfortheexistingport.

           C) Whenthecustomer'scommitmentperiodends,t heratesassociatedwith thequantityofportsinstalledundersuchcommitme ntperiodwillremain ineffect.

           D) Terminationliabilityapplieswhenaportis disconnectedpriortotheend oftheminimumserviceperiodorpriortotheendo ftheselected commitmentperiod.Liabilityisassessedasfollow s:

              <u>Month-to-MonthService:</u> Thecustomerisresponsiblefor100%of themonthlyratesfortheentire12-monthminimums erviceperiod.

              3an<u>d5-YearTerms:</u> Thecustomerisresponsiblefor100%ofthe monthlyrateforthefirst12monthsand15%ofthe remaining monthlycharges.

            Terminationliabilityiswaivedifaportisco nvertedtoanothertermof equalorgreatervalueinrevenuethantheremainde rofthepresentterm.

            Terminationliabilityiswaivedwhenacustomer replacesoneportfor anothertypeandcommitstoatermofequalorgrea tervalueinrevenue thantheremainderofthecurrentcommitment.The replacementis subjecttoapplicablenonrecurringcharges.

            Ifthecustomer'srecurringrateincreases,the customermaydiscontinue servicewithoutliability.

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ACCESSSERVICE

16. PacketDataServices   (Cont'd)

    16.5   IP(InternetProtocol)RoutingService   (Cont'd)

        16.5.4RateRegulations(Cont'd)

            (E) Customerswitha3-yearor5-yeartermcommitm entmustorderservice withavolumecommitment,enablingthecustomerto receivethediscount applicabletotheappropriatevolumetierforthec ommittedvolumeforall portssubscribed.Customerswiththisoptionanda 3-yeartermwillhave12 monthsaftertheinitialportinstallationtoreach thecommittedportvolume. Customerswitha5-yeartermwhoselectthisoptio nwillhave24months aftertheinitialportinstallationtoreachtheco mmittedvolume.

                Sixmonthsaftertheendoftheappropriate12or 24monthinstallation window,areviewofthecustomer'saccountwillbe performedtoverifythat thecommittedvolumelevelhasbeenachieved.Rate swillbeadjusted accordinglybaseduponthenumberofportsinservi ce.

                Failuretoachievetheguaranteedquantityofpor tswithinthespecifiedtime framewillresultinallportsbeingreratedtothe applicablemonthlyratefor thequantityactuallyinservice.Inaddition,al iabilitychargeequaltothe monthlyrateperportattheguaranteedcommitment levelmultipliedbythe portshortfall(thedifferencebetweenthecommitte dvolumeandtheactual numberofportsinservice)multipliedby3months willapply.

                Intheeventthecustomerhasexceededthecommit mentlevel,andthe numberofportsinservicequalifiesforalowermo nthlyratebaseduponthe volumetierforthatnumberofports,allportswil lbereratedtothenew, lowermonthlyrate.

                Customeraccountreviewswillbeperformedsemi-a nnuallyafterthefirst reviewuntiltheendofthecommitmentperiod.

            (F) Customerswitha3-yearor5-yeartermcommitm entmayaddadditional portsatanytimeduringthecommitmentperiodatt heratesapplicablefor thetermcommitmentandthevolumecommitmentiniti allyselected.All portswillthereforebesubjecttoacommonexpirat iondateforservice commitment.

            (G) IPRSportsmustbepurchasedinincrementsof 23ports,exceptwhere availableassingleportquantities.

            (H) Uponreceiptofabonafiderequestfromacus tomerforaportquantityin excessof75,500Ports,theTelephoneCompanywill workcooperatively withthecustomertodevelopaperportrateforth erequestedquantity. Oncetheper-portrateisdevelopedandacceptedby thecustomer,itwill thenbetariffedandmadeavailabletoanyothercu stomersrequestingthat sameportquantity.

ACCESSSERVICE

16.   PacketDataServices   (Cont'd)

  16.5   IP(InternetProtocol)RoutingService   (Cont'd)

    16.5.4RateRegulations(Cont'd)

      (I)   IPRSReports

        (1)   IPRSincludesatext-based,preformattedDaily CapacityReportthat includesallnetworkelementsandallitemsfromth epreviousday. Thisreportisprovidedtoeach IPRScustomereach dayviae-mail withoutcharge.

        (2)   Customersdesiringadditionalreportsmaycho oseoptionalCustomer ServiceManagement(CSM)Reports.TheTelephoneCo mpanywill provideIPRScustomerswithtrafficreportsandthe abilitytoaccess thistrafficdatainnearreal-timeviaweb-baseda ccess.The followingreportswillbeavailabletotheIPRScus tomer:

          (a)   TotalConnections,AnalogandDigital
          (b)   AnalogandDigitalRatio
          (c)   CallsIncrement(Measuringtotalcallsrecei vedintenminute intervals)
          (d)   ISDNConnections
          (e)   ModemConnections(Measuringanalogcallcon nections)
          (f)   SecondsIncrement(Measuringtotalduration insecondsfora specificperiodoftime)
          (g)   WeeklyMaximumforTotalConnections,Analog andDigital

        (3)   CustomersoptingfortheCSMReportswillhav etheabilitytodisplay varyingtimeperiodsforarchiveddata,invarying intervals(i.e., severaldays,weeks,ormonthsupto12monthsprio r).CSM customerswillalsohavetheabilitytoviewtheou tputdata graphically.Appropriateoutputmayalsobedispla yedillustrating RawData,Peaks,orAverages.PollingacrosstheI PRSnetworkfor theCSMreportsoccursin10-minuteintervalsonav erage.Output dataisnotavailableforthemostrecent24hours priortothequery.

        (4)   RecurringandNonrecurringchargesarebased onaper-useraccess limitedtosix(6)IPaddresses.Thepriceentitles thecustomerto accesstheentiremenuofavailablereports.Charg esareassessed basedonthesizeoftheIPRSnetwork(200IPRSpor tsorless,or greaterthan200IPRSports).Ifadditionalusera ccessisneeded, customerswillberequiredtopayanadditionalapp ropriatemonthly rateforeachadditionaluseraccessrequested.

ACCESSSERVICE

16. PacketDataServices   (Cont'd)

16.5 IP(InternetProtocol)RoutingService   (Cont'd)

16.5.5   RateCategories

A) Dial-upPort   :Providesonedatapathconnectioninalocalcal   lingareaofthe companydesignatedbythecustomerforanalog/ISDN   dial-upaccesstothe customerbythecustomer'sendusers,andtheIPro   utingoftheenduser datatothecustomer.

B) IPRSDS1/1.544MbpsPort*:   ProvidesconnectionandIProutingofenduser dataterminatedoverdedicatedprivatelinefacilit   iesataspeedof1.544 Mbps.

* EffectiveSeptember15,2001,theseportswillno   longerbeavailablefornewservicerequests

ACCESSSERVICE

16.   PacketDataServices   (Cont'd)

16.5   IP(InternetProtocol)RoutingService   (Cont'd)

16.5.6   RatesandCharges
-perport

A)Dial-upPort

PortCategory	Monthly Rate	Nonrecurring Charges
Month-to-Month		
Upto75,500Ports		
N-MSA	$56.00	$35.00
PriceBand4	56.00	35.00
PriceBand5	56.00	35.00
PriceBand6	56.00	35.00
Over75,500Ports	See16.5.4(H)preceding	
3-yearTerm		
Upto9,660Ports		
N-MSA	39.00	0.00
PriceBand4	39.00	0.00
PriceBand5	39.00	0.00
PriceBand6	39.00	0.00
Upto16,100Ports		
N-MSA	38.00	0.00
PriceBand4	38.00	0.00
PriceBand5	38.00	0.00
PriceBand6	38.00	0.00
Upto32,200Ports		
N-MSA	37.00	0.00
PriceBand4	37.00	0.00
PriceBand5	37.00	0.00
PriceBand6	37.00	0.00
Upto48,300Ports		
N-MSA	36.00	0.00
PriceBand4	36.00	0.00
PriceBand5	36.00	0.00
PriceBand6	36.00	0.00
Upto64,400Ports		
N-MSA	34.00	0.00
PriceBand4	34.00	0.00
PriceBand5	34.00	0.00
PriceBand6	34.00	0.00
Upto75,500Ports		
N-MSA	32.00	0.00
PriceBand4	32.00	0.00
PriceBand5	32.00	0.00
PriceBand6	32.00	0.00
Over75,500Ports	See16.5.4(H)preceding	

ACCESSSERVICE

16.   PacketDataServices   (Cont'd)

16.5   IP(InternetProtocol)RoutingService   (Cont'd)

16.5.6   RatesandCharges   (Cont'd)
-perport

A)Dial-upPort(Cont'd)

PortCategory	Monthly Rate	Nonrecurring Charges
5-YearTerm		
Upto9,660Ports		
N-MSA	$36.00	$0.00
PriceBand4	36.00	0.00
PriceBand5	36.00	0.00
PriceBand6	36.00	0.00
Upto16,100Ports		
N-MSA	35.00	0.00
PriceBand4	35.00	0.00
PriceBand5	35.00	0.00
PriceBand6	35.00	0.00
Upto32,200Ports		
N-MSA	34.00	0.00
PriceBand4	34.00	0.00
PriceBand5	34.00	0.00
PriceBand6	34.00	0.00
Upto48,300Ports		
N-MSA	33.00	0.00
PriceBand4	33.00	0.00
PriceBand5	33.00	0.00
PriceBand6	33.00	0.00
Upto64,400Ports		
N-MSA	31.00	0.00
PriceBand4	31.00	0.00
PriceBand5	31.00	0.00
PriceBand6	31.00	0.00
Upto75,500Ports		
N-MSA	29.00	0.00
PriceBand4	29.00	0.00
PriceBand5	29.00	0.00
PriceBand6	29.00	0.00
Over75,500Ports	See16.5.4(H)preceding	

ACCESSSERVICE

16. PacketDataServices (Cont'd)

   16.5 IP(InternetProtocol)RoutingService   (Cont'd)

      16.5.6   RatesandCharges   (Cont'd)
               -perport

B)   DS-1(1.544Mbps)*

PortCategory	Monthly Rate	Nonrecurring Charges
Month-to-Month		
N-MSA	$175.00	$200.00
PriceBand4	175.00	200.00
PriceBand5	175.00	200.00
PriceBand6	175.00	200.00
3-YearTerm		
N-MSA	165.00	0.00
PriceBand4	165.00	0.00
PriceBand5	165.00	0.00
PriceBand6	165.00	0.00
5-YearTerm		
N-MSA	150.00	0.00
PriceBand4	150.00	0.00
PriceBand5	150.00	0.00
PriceBand6	150.00	0.00

*   EffectiveSeptember15,2001,theseportswillno   longerbeavailablefornewservicerequests.

CSMReports

C) IPRSNetworksof 200IPRSPortsorLess Peruser		
N-MSA	50.00	100.00
PriceBand4	50.00	100.00
PriceBand5	50.00	100.00
PriceBand6	50.00	100.00

D) IPRSNetworksofGreater Than200IPRSPorts Peruser		
N-MSA	350.00	500.00
PriceBand4	350.00	500.00
PriceBand5	350.00	500.00
PriceBand6	350.00	500.00

ACCESSSERVICE

16. PacketDataServices (Cont'd)

16.6 ReservedforFutureUse

16.7 ChannelExtensionService#

ChannelExtensionServiceprovidesdedicatedpoin ttopointbroadbanddatatransmission betweenmainframecomputers,betweenmainframesand peripheraldevicesand/or betweenLocalAreaNetworks(LANs)usingeitherar epeaterbackbonearchitectureora densewavedivisionmultiplexing(DWDM)backbonear chitecture.

16.7.1 ServiceDescription

Therepeaterbackbonearchitecturecansupport anESCON(International BusinessMachinesCorporation's(IBM's)Enterprise SystemsCONnection protocol,ESCON®isanIBMregisteredtrademark)or ExternalTimeReference (ETR)interfacewithabandwidthof200Mbps.The DWDMbackbone architecturecansupportabandwidthofupto1.25 Gbps.ChannelExtension Serviceisprovidedasatwopointtransmissionbet weencustomerdesignated premises.

TheETRcentralizedtimereferenceunitmaintai nstimeofdaysynchronization. Thisinterfacecanbeusedonboththerepeaterbac kboneandtheDWDM backbonearchitectures.

ChannelExtensionServiceisprovidedovertwo fiberopticstrandsconnecting thenetworkinterfacesatthecustomerdesignatedp remises.Therepeater backbonearchitectureprovidesoneESCONchannelov ereachfiberpair.The DWDMbackbonearchitecturecanprovideuptofourte enchannelsovereach fiberpair.Forpathredundancy,DWDMrequiresas econdpairoffiberoptic strandsandaswitchprotectionmoduleintheequip ment.

#EffectiveOctober5,2007,ordersfornewChanne lExtensionServicearenolongerpermitted.The TelephoneCompanywillcontinuetoprovideChannel ExtensionServicepursuanttothisSection16.7on anyexistingChannelExtensionServicethatisin-s erviceasofOctober5,2007,oranyorderforChan nel ExtensionServicethatisplacedwiththeTelephone CompanypriortoOctober5,2007(collectively, ExistingCES),subjecttothefollowingcondition:

TheTelephoneCompanywillcontinuetoprovideExis tingCEStoatermplancustomerfortheremainder ofthecustomer'scurrentcommitmentperiodplusan additionalsix(6)monthsbeyondtheexpirationda te ofsuchcommitmentperiodattheexistingratesof thecurrenttermplan,oruntilthecustomerreplac es theExistingCESwithacomparableTelephoneCompan yprovidedservice,oruntilthecustomer discontinuesservice,whicheveroccursfirst.Duri ngtheremainderofthecurrentcommitmentperiod, and subjecttotheavailabilityoffacilitiesandequip ment,ordersinvolvingadditionsand/orchangesto Existing CESarepermittedprovidedthattheydonotrequire anewcommitmentperiod.Ordersinvolvingadditio ns and/orchangestoExistingCESarenotpermitteddu ringtheadditionalsix(6)monthperiod.

ACCESSSERVICE

16.   PacketDataServices   (Cont'd)

   16.7   ChannelExtensionService#   (Cont'd)

      16.7.2   TechnicalSpecifications

         ThetechnicalspecificationsforChannelExtensionServiceusingtherepeater backbonearchitecturearedescribedinthefollowingtechnicalpublications:

            ANSIINCITS269-1997(R2007)FiberChannelSingle-byteCommand CodeSetsConnectionArchitecture(SBCON)

            EnterpriseSystemsArchitecture/390ESCONI/OInterface,PhysicalLayer SA23-0394-06

            ESA/390ESCONI/OInterface
            SA22-7202-02

            ESCONIntroduction
            GA23-0383-01

         ChannelExtensionServiceusingtheDWDMbackbonearchitectureis transparentforanydatacommunicationsprotocolandusestheapplication protocoloftheattacheddevice.

         ThecompatiblenetworkchannelinterfacecodeforChannelExtensionService usingtherepeaterbackbonearchitectureis02FCF.20,andusingtheDWDM backbonearchitectureis02FCF.125.

#Serviceavailabilitylimited.Referto#footnote   onPage16-12.

ACCESSSERVICE

16. PacketDataServices (Cont'd)

16.7 ChannelExtensionService# (Cont'd)

16.7.3 TermsandConditions

ChannelExtensionServiceisavailablebetween acustomer'stwopremises wheresuitablesinglemodefiberopticfacilitiese xisttoprovidesuchservice. Wheresuitablefacilitiesdonotexisttoprovidet heservice,theTelephone Companymayrequirethatfacilitiesbespeciallyco nstructedsubjecttothe provisionssetforthinSections2.1.4,Provisiono fServices,and5.1.3,Special Construction,preceding.

ChannelExtensionServiceisprovidedundera3 yearor5yeartermplanas selectedbythecustomer.Eachchannelisestablis hedwithacontractthat beginswiththedateofinstallation.

ChannelExtensionServiceisprovidedonaNego tiatedIntervalasdescribedin Section5preceding.

TheCompanywillprovidemonitoringofthesign altotheparametersspecifiedin thetechnicalreferences.

TheCompanycannotguaranteethesuccessfulper formanceofthisserviceon therepeaterbackbonearchitecturewhenthedistanc ebetweenpremises exceeds20kilometersorwhentransmissionlossis greaterthan14db.Inthese instances,arepeaterisrequired.Themaximumdis tancefromendtoendis approximately43kilometers,andthemaximumnumber ofrepeatersper channelisone.TheTelephoneCompanywilldetermi nethewirecenterin whichsuchrepeaterswillbeutilized.

TheTelephoneCompanycannotguaranteethesucc essfulperformanceofthis serviceontheDWDMbackbonearchitecturewhenthe transmissionloss betweenpremisesisgreaterthan17dbwithPathPro tectionand23dbwithout PathProtection.TheDWDMarchitecturedoesnotha veregeneration capabilities.Thecustomer'sinterfacewillbe13n m.

Thecustomerisresponsibleforpurchasingthe appropriatecircuitsand associatedequipmentrequiredtoprovidetheTeleph oneCompanywithout-of- bandmonitoringofthenetworkdevices.Thesecirc uitswillconnectthe equipmentlocatedatthecustomer'spremisestoac ontrolcenterlocation.

#Serviceavailabilitylimited.Referto#footnote onPage16-12.

ACCESSSERVICE

16. PacketDataServices (Cont'd)

16.7 ChannelExtensionService# (Cont'd)

16.7.3 TermsandConditions (Cont'd)

NetworkmaintenanceandnetworkupgradesforCh annelExtensionServiceare performedbetween11:00pmand8:00am.Attimes,du ringthehoursof maintenanceactivity,itwillbenecessarytoplace acustomer'sserviceinan inactive(outofservice)condition.Theamountof timethatthisscheduledoutof serviceconditionwillexistiscalleda"maintenan cewindow."TheCompanywill providenoticetothecustomerpriortothemainten ancewindow.Downtime duringamaintenancewindowdoesnotqualifyforcr editallowanceasaservice outage.

Movesandrelocationsofachanneltermination aretreatedasdisconnects.

ChannelExtensionServiceissupportedbytheT elephoneCompany'sSingle PointofContact(SPOC)center,whichprovidescont inuousmaintenance, troubleresolution,andnetworkmonitoringtwenty-f ourhoursperday,seven daysperweek(24x7).Serviceorderprocessingand networkinstallation functionsarepreformedduringnormalbusinesshour sonly.

16.7.4 RateRegulations

TheminimumpaymentperiodforChannelExtensio nServiceis3years.

Allrateelementsofthesamechannelarecharg edinthesametermplan.

Attheexpirationofatermplan,thecustomer' sChannelExtensionServicewill automaticallyberenewedatthecurrentlyeffective 3yearor5yearrateorthe customermaysubscribetoanewtermplan.

Terminationliabilitychargesapplywhenaserv iceisdisconnectedpriortothe endoftheselectedtermperiod.Liabilityisasses sedasfollows:

Fortheterminationofa3yeartermplanprio rtoitsexpirationdate,the terminationliabilityisequalto100%oftheappli cablemonthlycharges (channelterminations,mileageandeitherrepeater orredundantpath switching)foreachmonthorfractionthereofremai ninginthetermplan.

Fortheterminationofa5yeartermplan,the terminationliabilityisequalto thedifferencebetweenthemonthlyratesfor36mon thsatthe3-yearterm ratesandtheactualnumberofmonthstheplanhas beenineffect multipliedbythe5-yearmonthlyrates.

Terminationliabilityisnotassessedwhenthe customerelectstochangea currentplantoalongertermplan.Thecurrentpl aniscancelledandthenew longertermplanisestablished.

#Serviceavailabilitylimited.Referto#footnote onPage16-12.

ACCESSSERVICE

16. PacketDataServices (Cont'd)

16.7 ChannelExtensionService#   (Cont'd)

16.7.5 RateCategories

Applicableratecategorieswithmonthlyrecurri ngratesarechanneltermination, channelmileage,andwhereapplicable,repeateror redundantpathswitching rateelements.

Achannelterminationrateelementappliesfor eachcustomerdesignated premisesatwhichthechannelisterminated.Itin cludestheinterfaceat eachdesignatedpremisesandthecommunicationspat hfromthe premisestotheservingwirecenter.Asatwopoin tservice,eachChannel ExtensionServicehastwochannelterminations.An InitialChannel Terminationmonthlyrecurringchargeappliesforth efirstchannel terminationateachpremises.ASubsequentChannel TerminationCharge appliesforthesecondandanysubsequentchannelt erminationsaddedat eachpremises.

Thechannelmileageratecategoryappliesfor theinterofficetransmission facilitiesbetweentheservingwirecenters.Itco nsistsofafixedandaper milerateelement.SeeSection7.4.6precedingfor mileagemeasurement.

TheRepeaterrateelementapplieswhenrepeate requipmentisrequiredin awirecentertomeetthetransmissionrequirements fortheserviceusing therepeaterbackbonearchitecture.TheInitialmo nthlyrecurringRepeater ChargeappliesforthefirstChannelExtensionserv icerequiringarepeater inaservingwirecenter.TheSubsequentRepeater Chargeappliestothe secondandallsucceedingservicesrequiringarepe aterinthesamewire center.

TheRedundantPathSwitchingrateelementappl ieswhenpath redundancyisprovidedinthenetworkfortheservi ceusingtheDWDM backboneredundancy.

Nonrecurringchargesapplytothechanneltermi nationratecategory.Thereare InitialandSubsequentchargesthatareappliedon thesamebasisasthe recurringrateelement.

#Serviceavailabilitylimited.Referto#footnote onPage16-12.

ACCESSSERVICE

16.   PacketDataServices   (Cont'd)

   16.7   ChannelExtensionService#   (Cont'd)

      16.7.6   RatesandCharges

	Monthly Rate	Nonrecurring Charge
(A) RepeaterBackboneArchitecture		
(1) ChannelTerminations		
3Year		
PerInitialTermination		
N-MSA	$3,600.00	$1,500.00
PriceBand4	3,600.00	1,500.00
PriceBand5	3,600.00	1,500.00
PriceBand6	3,600.00	1,500.00
PerSubsequentTermination		
N-MSA	1,250.00	1,100.00
PriceBand4	1,250.00	1,100.00
PriceBand5	1,250.00	1,100.00
PriceBand6	1,250.00	1,100.00
5Year		
PerInitialTermination		
N-MSA	3,250.00	1,500.00
PriceBand4	3,250.00	1,500.00
PriceBand5	3,250.00	1,500.00
PriceBand6	3,250.00	1,500.00
PerSubsequentTermination		
N-MSA	900.00	1,100.00
PriceBand4	900.00	1,100.00
PriceBand5	900.00	1,100.00
PriceBand6	900.00	1,100.00

#Serviceavailabilitylimited.Referto#footnote   onPage16-12.

ACCESSSERVICE

16. PacketDataServices   (Cont'd)

16.7   ChannelExtensionService#   (Cont'd)

16.7.6   RatesandCharges   (Cont'd)

(A)   **RepeaterBackboneArchitecture** (Cont'd)

(2)   **ChannelMileage**

	MonthlyRate	
	Fixed	PerMile
3Year		
N-MSA	20.00	135.00
PriceBand4	20.00	135.00
PriceBand5	20.00	135.00
PriceBand6	20.00	135.00
5Year		
N-MSA	15.00	100.00
PriceBand4	15.00	100.00
PriceBand5	15.00	100.00
PriceBand6	15.00	100.00

#Serviceavailabilitylimited.Referto#footnote   onPage16-12.

ACCESSSERVICE

16. PacketDataServices (Cont'd)

16.7 ChannelExtensionService# (Cont'd)

16.7.6 RatesandCharges (Cont'd)

(A) **RepeaterBackboneArchitecture** (Cont'd)

(3) **Repeater**

	Monthly Rate	Nonrecurring Charge
3Year		
PerInitialCircuit		
N-MSA	1,700.00	N/A
PriceBand4	1,700.00	N/A
PriceBand5	1,700.00	N/A
PriceBand6	1,700.00	N/A
PerSubsequentCircuit		
N-MSA	800.00	N/A
PriceBand4	800.00	N/A
PriceBand5	800.00	N/A
PriceBand6	800.00	N/A
5Year		
PerInitialCircuit		
N-MSA	1,500.00	N/A
PriceBand4	1,500.00	N/A
PriceBand5	1,500.00	N/A
PriceBand6	1,500.00	N/A
PerSubsequentCircuit		
N-MSA	600.00	N/A
PriceBand4	600.00	N/A
PriceBand5	600.00	N/A
PriceBand6	600.00	N/A

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ACCESSSERVICE

16.   PacketDataServices   (Cont'd)

16.7   ChannelExtensionService#   (Cont'd)

16.7.6   RatesandCharges   (Cont'd)

(B)   **DenseWaveDivisionMultiplexingBackboneArchitect   ure**

(1)   **ChannelTerminations**

	Monthly Rate	Nonrecurring Charge
3Year		
PerInitialTermination		
N-MSA	$4,600.00	$1,000.00
PriceBand4	4,600.00	1,000.00
PriceBand5	4,600.00	1,000.00
PriceBand6	4,600.00	1,000.00
PerSubsequentTermination		
N-MSA	900.00	500.00
PriceBand4	900.00	500.00
PriceBand5	900.00	500.00
PriceBand6	900.00	500.00
5Year		
PerInitialTermination		
N-MSA	4,500.00	1,000.00
PriceBand4	4,500.00	1,000.00
PriceBand5	4,500.00	1,000.00
PriceBand6	4,500.00	1,000.00
PerSubsequentTermination		
N-MSA	750.00	500.00
PriceBand4	750.00	500.00
PriceBand5	750.00	500.00
PriceBand6	750.00	500.00

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ACCESSSERVICE

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16.   PacketDataServices   (Cont'd)

    16.7   ChannelExtensionService#   (Cont'd)

        16.7.6   RatesandCharges   (Cont'd)

(B)   **DenseWaveDivisionMultiplexingBackboneArchitect**   **ure**(Cont'd)

    (2)   **ChannelMileage**

	MonthlyRate	
	Fixed	PerMile
3Year		
N-MSA	$20.00	$135.00
PriceBand4	20.00	135.00
PriceBand5	20.00	135.00
PriceBand6	20.00	135.00
5Year		
N-MSA	15.00	100.00
PriceBand4	15.00	100.00
PriceBand5	15.00	100.00
PriceBand6	15.00	100.00

    (3)   **RedundantPathSwitching**

	Monthly Rate	Nonrecurring Charge
3Year		
PerNetwork		
N-MSA	600.00	N/A
PriceBand4	600.00	N/A
PriceBand5	600.00	N/A
PriceBand6	600.00	N/A
5Year		
PerNetwork		
N-MSA	500.00	N/A
PriceBand4	500.00	N/A
PriceBand5	500.00	N/A
PriceBand6	500.00	N/A

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