Florida Digital Network

June 7, 2001

Ms. Blanca Bayó, Director
Division of Records & Reporting
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

via Overnight Delivery

Re: Docket No. 010098-TP – Petition by Florida Digital Network, Inc. for arbitration of certain terms and conditions of proposed interconnection and resale agreement with BellSouth Telecommunications, Inc. under the Telecommunications Act of 1996.

Dear Ms. Bayó,

Please find enclosed for filing in the captioned docket an original and seven (7) copies of the Direct Testimony and Exhibits of Mr. Michael P. Gallagher to be filed in the captioned proceeding and an accompanying Certificate of Service. Also enclosed is a copy of the text of the testimony on diskette.

If you have any questions regarding this Notice or the Petition, please call me at 407-835-0460.

Sincerely,

Matthew Feil
Florida Digital Network
General Counsel

C: James Meza, III (BellSouth) (by e-mail, Overnight Delivery)
Felicia Banks (FPSC) (by e-mail, Overnight Delivery)
Mike Sloan (Swidler) (by e-mail, Overnight Delivery)

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Petition of Florida Digital Network, Inc., for Arbitration of Certain Terms and Conditions of Proposed Interconnection and Resale Agreement with BellSouth Telecommunications, Inc. Under the Telecommunications Act of 1996	Docket No.010098-TP

CERTIFICATE OF SERVICE

I hereby certify that a true and complete copy of the prefiled direct testimony and exhibits of Michael P. Gallagher filed in the captioned docket was served on the following by overnight delivery this 7th day of May, 2001.

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Petition of Florida Digital Network, Inc., for Arbitration of Certain Terms and Conditions of Proposed Interconnection and Resale Agreement with BellSouth Telecommunications, Inc. Under the Telecommunications Act of 1996	Docket No.010098-TP

DIRECT TESTIMONY AND EXHIBITS OF
MICHAEL P. GALLAGHER

FILED ON BEHALF OF

FLORIDA DIGITAL NETWORK, INC.

June 8, 2001

Q. Please state your name and address.

A. My name is Michael P. Gallagher. My business address is 390 North Orange Avenue, Suite 390, Orlando, Florida, 32801.

Q. Who do you work for?

A. I am Chief Executive Officer of Florida Digital Network, Inc. ("FDN").

Q. What are your responsibilities as CEO of FDN?

A. As CEO of FDN, I am ultimately responsible to the shareholders for all aspects of FDN's operations and performance. On a management level, FDN's President & Chief Operating Officer, Chief Financial Officer and General Counsel report directly to me; FDN's Engineering & Operations, Customer Service, and Sales Vice Presidents report to the President & COO, who is also in charge of FDN's Marketing and IS functions. I am involved in the day-to-day business dealings of the company and the decision-making on everything from marketing and sales strategies, product development, network architecture and deployment, financing, human resources, customer care, regulatory changes, etc.

Q. Please describe your education and your work experience in the telecommunications sector.

A. I received a B.S. Degree in Mathematics with a minor in Physics from Rollins College.

Prior to co-founding FDN in 1998, I served as Regional Vice President for Brooks Fiber Communications where I had overall responsibility for operations, engineering, finance and sales in the State of

Texas. Brooks Fiber Communications merged into WorldCom on January 31, 1998. Prior to holding the VP position at Brooks, I was president of Metro Access Networks (MAN), a second-generation CLEC in Texas founded in 1993. At MAN, I developed all business strategies, designed network architecture, secured contracts with the company's original customer base, and had overall responsibility for operations and performance. MAN merged into Brooks Fiber in March 1997. Prior to MAN, I worked for Intermedia Communications and Williams Telecommunications Group (WilTel) as sales representative securing contracts with large commercial customers.

Q. Have you previously testified in a regulatory proceeding before a state utility commission, the FCC or a hearing officer?

A. No.

Q. What is the purpose of your testimony in this proceeding?

A. I will address the interconnection agreement issues FDN could not resolve with BellSouth and which FDN raised in its Arbitration Petition.

Q. Please briefly describe FDN's operations.

A. FDN is a facilities-based Florida CLEC. FDN is also an IXC, a data services provider (both dial-up and dedicated), and, through an affiliate, FDN offers ISP and other Internet services. FDN was founded in 1998 with the mission of offering packaged services (local, long distance and Internet) to

small- and medium-sized businesses. FDN launched operations in Orlando in April 1999 and expanded to Fort Lauderdale in May 1999 and to Jacksonville in June 1999. A second round of expansion in West Palm Beach, Miami and the Tampa Bay area was completed in the first quarter of 2000.

FDN owns and operates Class 5 Nortel DMS-500 central office switches in Orlando, Tampa, Jacksonville, and Ft. Lauderdale. FDN's switches are connected by fiber optic cable owned and operated by FDN to nearby incumbent local exchange carrier (or "ILEC") tandem switches. FDN leases collocation cages or has virtual collocation space in over 100 ILEC wire centers. Remote switching equipment is installed at these collocation sites and from these sites FDN accesses ILEC UNE loops. Connectivity from the collocation sites to the central ILEC tandem switch is via T-1 circuits leased from the ILEC. FDN relies upon its rights under the federal Telecommunications Act of 1996 (the "Act") to obtain "last mile" access to Florida consumers through the purchase of unbundled network elements (UNEs) from ILECs such as BellSouth.

FDN uses BellSouth's TAG gateway for electronic ordering. Using systems and software FDN developed on its own, FDN transmits virtually all of its local service requests ("LSRs") to Bell electronically with minimal manual intervention. The vast majority of FDN's LSRs to BellSouth are for 2 wire voice grade UNE loops. Based on information from BellSouth, FDN believes that FDN is by far the largest procurer of UNE voice-grade loops in Florida and that FDN has installed more UNE loops than all other CLECs in

Florida combined. Through relief sought in this proceeding, FDN intends to expand its use of BellSouth UNEs for the provision of competitive local voice and data services to both business and residential users in the State of Florida.

ISSUE 1.

I. INTRODUCTION

Q. What is the purpose of FDN's high-speed data proposal?

A. FDN seeks the ability to offer its customers a combination of circuit-switched voice services, such as local dial tone, and packet-switched high-speed data services, such as Digital Subscriber Line (DSL) services. FDN is able to provide DSL to some end-users in Florida by collocating its own DSL multiplexers (DSLAMs) in BellSouth's central offices. However, FDN is precluded from providing high-speed data service where BellSouth has deployed Digital Loop Carrier (DLC) facilities. Except in the territory served by SBC Communications, Inc., CLECs are generally precluded from offering DSL service where DLCs are deployed. The severity of this limitation on competition is felt nowhere more than Florida, as *more than 60%* of all BellSouth access lines in Florida pass through DLCs according to BellSouth. In FDN's experience in its initial Florida markets, FDN believes the percentage of DLCs approaches 70%. BellSouth does not offer any resale or UNE products that would enable CLECs to provide high-speed data service to consumers who are served by DLC loops where the CLEC is the voice provider. The purpose of my testimony is to offer the factual basis required

for the Florida Commission to order BellSouth to offer UNE and resale products, in accordance with applicable law, that will be essential for FDN to offer high-speed data services on an ubiquitous basis in Florida over the same customer loops that it uses to provide its voice services. This issue is of paramount importance for FDN to be able to launch a facilities-based competitive local voice option for residential subscribers. Florida is almost completely without facilities based local voice competition for residential subscribers at this time.

Q. What is DSL?

A. DSL is a technology initially developed to enable high-speed data transmission over traditional copper loop facilities. DSL modems placed on each end of a copper loop transmit information at rates far exceeding those typically achieved by traditional "dial-up" modems, allowing consumers to utilize the growing number of bandwidth intensive applications and to maximize efficiencies and productivity. To provide a viable DSL transmission service, the loop between the customer and the DSLAM must typically be shorter than 18,000 feet, free of bridged tap, load coils and repeaters, and free from interference caused by nearby fiber-based telecommunications.

Q. Is FDN able to offer high-speed data services in conjunction with its voice service on a ubiquitous basis in Florida?

A. No. FDN is collocated in more than half of BellSouth's central offices in the state of Florida, and is able to offer voice services to 100% of

the consumers served by these offices. However, FDN is unable to provide DSL service to approximately 70% of these end-users because of the presence of BellSouth DLCs.

Q. What are DLCs?

A. The DLC performs an analog to digital conversion that aggregates telecommunications from the individual customer subloops to a shared transmission facility bound for the central office. Deployment of DLCs and successor technologies will ultimately save billions of dollars annually in maintenance and switching costs. In the past, and still today throughout most of the country, the vast majority of last mile loops consist of "home run" copper facilities between the customer and the central office. However, in the past quarter-century, as Florida's population grew explosively, BellSouth deployed a tremendous number of DLCs at remote terminals (RTs) in its distribution network. Attached hereto as Exhibit __ (MPG-1) is a diagram comparing traditional copper network architecture with DLC deployment.

Q. Why do BellSouth's DLCs preclude FDN from offering DSL service?

A. DSL cannot be transmitted through a DLC unless it is first multiplexed for digital transmission to the central office. Therefore, the carrier must locate at the remote terminal a DSLAM, or, in the case of Next Generation Digital Loop Carriers ("NGDLCs"), DSL-capable line cards that perform DSLAM functionality. For reasons I will explain below, unlike BellSouth, FDN and other CLECs cannot collocate DSLAMs or line cards at

remote terminals. Therefore, BellSouth today is the only carrier in Florida able to offer DSL service where its DLCs are deployed.

Q. Why can CLECs provide high-speed data service over DLC loops in the territory served by SBC?

A. SBC offers a wholesale UNE-priced broadband loop product that includes transmission from the customer to the remote terminal, DSLAM functionality at the RT, and transmission to the central office, where CLECs pick up the traffic from SBC's packet switch. Verizon is developing a similar product. As I will explain in more detail below, FDN seeks a similar UNE from BellSouth, tailored to the technical specifications of BellSouth's Florida network.

Q. Can FDN sustain long-term viability if it is limited to providing DSL only on non-DLC loops?

A. It would be very difficult as demand for DSL increases. In most Florida central offices, more so than in most of the rest of the nation, FDN will not be able to succeed in the voice or data market if it is limited to providing DSL service only to end-users who can be served from the central office. As I stated previously, more than 60% of BellSouth's Florida access lines pass through DLCs and cannot be served from the central office. Of the remaining 30-40% of the end-user base, many cannot receive central office based DSL due to excessive loop lengths, the presence of bridged taps, load coils or repeaters, or other factors. With such a high percentage of the DSL market closed to central-office-only strategies, CLECs will not be able to

compete. Furthermore, if BellSouth is the only carrier that can provide DSL to a substantial percentage of consumers, it can leverage its market power to suppress competition for voice services, as I have indicated above. Therefore, an exclusive central office strategy will not only fail in the DSL market, but it could also fail in the voice services market as well. My point is well illustrated by the failure of many exclusive central-office based CLEC strategies, even where the rate of DLCs is much lower than Florida. Of the three major national DSL CLECs, NorthPoint has already dissolved in bankruptcy and Covad and Rhythms are in serious financial peril and could be bankrupt during the course of this year.

Q. Why it is important for FDN to be able to offer both voice and data services?

A. A large and growing number of residential and business customers are seeking carriers that can satisfy all of their telecommunications needs, including voice and high-speed data services. These customers want to be able to obtain these services through a single point of contact and on a single bill. If FDN is unable to offer high-speed data services, it will not only lose opportunities in the data market, but it will also be unable to remain competitive in the voice local exchange and interexchange markets in Florida.

Q. Is FDN's objective to provide high-speed data service in Florida urgent?

A. Absolutely. It is well established that early entry and early name recognition are crucial to success in markets for new technologies and new services. BellSouth understands this as well, as it is aggressively deploying DSL in Florida today even as it denies competitors the resale and UNE DSL products that CLECs need to compete. With each day that passes, FDN falls further behind BellSouth in the high-speed data market, and the probability of losing its existing and prospective voice customers grows. In Florida alone, BellSouth by the end of April 2001 had 133,015 high-speed data subscribers in the State of Florida, 43,291 of which were added in the first quarter 2001. Florida customers represent nearly one-half of BellSouth's DSL lines region-wide, and approximately one-half of its first quarter growth. Therefore, FDN's efforts to obtain the resale and UNE products for a bundled DSL and voice offering are extremely urgent and are of utmost importance to FDN's short-term and long-term viability in the state.

Q. Does FDN's inability to offer voice and high-speed data on the same telephone line impair its ability to offer local exchange voice services in Florida?

A. Yes. First, as I mentioned, FDN's inability to offer high-speed data to most customers impairs its ability to sell voice services to customers looking for a bundled service offering from a single carrier. Second, FDN is impaired in its ability to sell local exchange voice services by BellSouth's unnecessary and anticompetitive practice of leveraging its control of the DSL market in Florida to injure competitors in the voice market. To illustrate, if a

prospective FDN customer today is obtaining both voice and data services from BellSouth, they are not able to migrate their local exchange voice service to FDN's facilities-based voice service without having BellSouth disconnect their data service, even though BellSouth easily has the capability to continue to provide data service on the line. Because FDN is unable in most cases to offer DSL service to the customer on the same telephone line, the customer is likely to lose interest in obtaining voice telephone services from FDN, even when FDN is able to offer superior pricing and service. BellSouth's ability to manipulate its market power to injure competitors will only increase as competitive DSL providers continue to disappear.

Q. How does the lack of competitive DSL providers affect Florida consumers?

A. In markets where only one or only a few providers are available, these providers have fewer incentives to provide quality service or competitive rates to their customers. As BellSouth has solidified its growing control over the DSL market in Florida, it recently raised its retail DSL prices in the state and discontinued some of its competitive promotions. If competitors are denied meaningful access to BellSouth's last mile connections to end-users, price increases could be expected to continue.

Q. In this arbitration, is FDN requesting the same relief sought by MCI WorldCom in Docket No. 000649-TP that BellSouth be required to provide xDSL service to FDN customers?

A. No. FDN is not in this arbitration seeking to require BellSouth to provide retail xDSL or ISP *services* to consumers who are also FDN customers. Instead, FDN proposes to purchase wholesale access to BellSouth's unbundled network elements pursuant to Section 251 of the Act. BellSouth would not be required to have end-user relationships, such as billing or customer service, with FDN's customers. Nor would BellSouth be required to connect the customers from the central office to an ISP's point of presence, or to provide Internet service itself; instead, as with other UNEs, FDN would access the loop via its collocated facilities in BellSouth's central offices. Therefore, the decision in the MCI WorldCom arbitration in Docket No. 000649-TP regarding BellSouth's obligation to provide xDSL service is not relevant in this arbitration.

II. BELLSOUTH SHOULD BE REQUIRED TO OFFER UNBUNDLED BROADBAND LOOPS AS A UNE

Q. To enable FDN to provide bundled voice and high-speed data service products where DLCs are deployed, does FDN require access to facilities that are different from the UNEs offered in other BellSouth Florida interconnection agreements?

A. Yes. At the time that the current national list of UNEs was established in the FCC's *UNE Remand Order* in 1999, the FCC formalized as UNEs only the network elements needed for local exchange and DSL service in an ILEC network in which the predominant last mile connections are home

run copper loops. BellSouth's existing network in Florida is very different from the FCC's conceived model, with more far more fiber and DLCs. Due to the differences between BellSouth's DLC-dominated Florida network and other ILECs' copper-based distribution systems, it is necessary to establish additional UNEs and/or apply the FCC's standard to unbundle packet switching in order to ensure that CLECs can provide ubiquitous xDSL service in Florida using UNEs.

Q. Can the Florida Commission establish new UNEs?

A. Yes. Section 251(d)(3) of the Act explicitly authorizes state commissions to establish additional unbundling obligations. When the FCC established the basic list of UNEs that must be unbundled by all ILECs, the FCC emphasized that "section 251(d)(3) grants state commissions the authority to impose additional obligations upon incumbent LECs beyond those imposed by the national list."[1] The *Line Sharing Order,* which sought to promote unbundled CLEC access to DSL, further encouraged state commissions "to impose additional, pro-competitive requirements consistent with the national framework established in this order."[2]

Q. What new UNEs are necessary to enable FDN to offer high-speed data services in BellSouth's territory in Florida?

A. Where BellSouth has deployed Digital Loop Carrier facilities, FDN requires access to unbundled DSL-capable transmission facilities between the

1 *Implementation of the Local Competition Provisions of the Telecommunications Act of 1996*, CC Docket No. 96-98, Third Report and Order, 15 FCC Rcd. 3696, ¶ 154 (1999) ("*UNE Remand Order*").
2 Deployment of Wireline Services Offering Advanced Telecommunications Capability, CC Docket No. 98-147, Third Report and Order, 14 FCC Rcd. 20912, at ¶ 159 (1999) ("*Line Sharing Order*").

customer's Network Interface Device and the BellSouth distribution frame in its central offices, including all attached electronics that perform DSL multiplexing and splitting functionalities. I will describe these facilities as "broadband loops." FDN seeks the ability to obtain both whole loops for a combined voice and data service and the high-frequency portion thereof for data-only service.

Q. How does this facility differ from the DSL-capable loop that is classified as a UNE under the UNE Remand Order?

A. Under my description, broadband loops include the packet switching and splitter functionalities that are performed by BellSouth's equipment located at a remote terminal. The traditional UNE loop does not include the DSLAM.

Q. Why would the network elements necessary to provide high-speed data service over DLC loops be different from the definition of a non-DLC loop?

A. As I stated above, FDN is not able to offer xDSL service over DLC loops using only the existing UNEs. In the *UNE Remand Order*, the FCC determined that CLECs could place their own DSLAMs in ILEC central offices on the same terms and conditions that the ILEC located its own DSLAM, and that they were therefore not impaired by a lack of unbundled access to ILEC DSLAMs in the central office. As I will explain in more detail below, CLECs are not able to self-provision or otherwise obtain DSLAM functionality at ILEC remote terminals on an equivalent basis.

Even in rare cases where such provisioning may be technically feasible, the option is financially impossible for FDN and other CLECs. Therefore, as I will explain below, CLECs would be impaired if DSLAM functionality is not included as part of the broadband loop UNE.

Q. Is there a regulatory precedent for requiring incumbents to provide a platform of UNEs that comprise DSL transmission over loops with fiber feeder at prices based on forward-looking, economic cost?

A. Yes. In a proceeding relating to the SBC-Ameritech merger, the FCC required SBC to offer to CLECs a "Broadband Offering," which the FCC described as a "combination of network elements provided as a wholesale arrangement."[3] The Broadband Offering must be offered, alone and in combination with a voice offering, at rates, terms, and conditions that are just, reasonable, and nondiscriminatory and priced in accordance with the TELRIC methodology applicable to unbundled network elements.[4] SBC's Broadband Service, which is available in SBC's thirteen-state region today, is functionally equivalent to the broadband loop requested by FDN in this arbitration. Therefore, FDN is seeking from BellSouth what SBC already offers to CLECs in its thirteen-state region.

Q. Have any regulators classified broadband loops as a UNE?

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3 Ameritech Corp., Transferor and SBC Communications, Inc., Transferee, For Consent to Transfer Control of Corporations Holding Commission Licenses and Lines Pursuant to Sections 214 and 310(d) of the Communications Act and Parts 5, 22, 24, 25, 63, 90, 95, and 101 of the Commission's Rules, CC Docket No. 98-141, ASD File No. 99-49, Second Memorandum Opinion and Order, FCC 00-336 (rel. September 8, 2000) ("*Project Pronto Order*"), at ¶ 30.

4 *Project Pronto Order* at ¶ 6 (footnote omitted).

A. Yes. The FCC described the offering as a combination of network elements and required that it be priced according to the TELRIC cost methodology used to price UNEs.[5] The Illinois Commerce Commission recently created the broadband loop with packet switching functionality as a new UNE.[6] Numerous other state commissions are now considering the issue. Although the issue is also pending in an FCC proceeding, the FCC has indicated that it expects that issues related to access to DLC loops will be addressed in state arbitration proceedings.

Q. Have any ILECs other than SBC made plans to offer a similar combination of network elements to provide wholesale DSL capability?

A. Yes. Verizon has developed a draft proposal for a product that is functionally equivalent of SBC's Broadband Offering and the broadband UNE loop proposed by FDN in this case, called its Packet Access at Remote Terminal Service (PARTS).

Q. Is CLEC access to DLC-served customers less urgent in BellSouth territory than in SBC and Verizon's regions?

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5 The FCC did not formally classify the offering as a UNE because it has reserved that issue to a pending generic case that will be applicable to all ILECs. *See* Deployment of Wireline Services Offering Advanced Telecommunications Capability, CC Docket 98-147, CC Docket 96-98, *Order on Reconsideration and Second Further Notice of Proposed Rulemaking in CC Docket No. 98-147 and Fifth Further Notice of Proposed Rulemaking in CC Docket 96-98*, FCC 00-297, at ¶¶ 81-83, 103-12, 119-28 (rel. Aug. 10, 2000).

6 *See* Arbitration Decision on Rehearing, *In the Matter of Petition for Arbitration Pursuant to Section 252(b) of the Telecommunications Act of 1996 to Establish an Amendment for Line Sharing to the Interconnection Agreement with Illinois Bell Telephone Company d/b/a Ameritech Illinois, and for an Expedited Arbitration Award on Certain Core Issues, et al.*, Illinois Commerce Commission, Docket Nos. 00-0312 and 00-0313 (Illinois Commerce Commission, Feb. 15, 2001) ("*Illinois Pronto Arbitration Order*"); see also *In the Matter of Illinois Bell Company Proposed Implementation of High Frequency Portion of Loop (HFPL)/Line Sharing Services*, Illinois Commerce Commission, Docket No. 00-0393, Order (Ill. Commerce Commission Mar. 14, 2001.

A. Absolutely not. In fact, this issue is more urgent in Florida because of BellSouth's massive deployment of DLCs in the state. SBC offered its broadband service in conjunction with its rollout of DSL-capable DLC loops, and Verizon has stated that it has not yet provided DSL over DLC loops. By contrast, BellSouth has already provisioned a tremendous number of DSL lines over DLC loops in Florida. In the absence of a broadband loop UNE, a higher percentage of Florida end-users are deprived of competitive choice of DSL and voice providers than would be occurring in SBC and Verizon territory.

Q. What standard must the Florida Commission employ in deciding whether to create any new UNEs?

A. FCC Rule 51.317 prescribes the legal standard to be used by state commissions when creating new UNEs.[7] When prospective UNEs implicate specified proprietary rights of the ILECs, a state must find that access to that element is "necessary." When no proprietary rights are implicated, the state need only find that CLECs would be "impaired" without access to the element. Under FCC rules, a network element is considered to be proprietary only if the ILEC demonstrates that it has invested resources to develop proprietary information or functionalities that are protected by patent, copyright or trade secret law.[8] The discrete elements such as line sharing, packet switching, and fiber functionality that comprise the unbundled access that are sought here have been previously deemed non-proprietary by the

7 47 C.F.R. § 51.317.

8 *See* 47 C.F.R. § 51.317(a).

FCC.[9] Therefore, in this arbitration, none of FDN's proposals would implicate BellSouth's proprietary rights. For these reasons, the Florida Commission should use the "impair" standard to determine whether any new UNEs should be created.

Q. How is the "impair" standard used by state commissions to create new UNEs?

A. When evaluating whether to unbundle a network element under the "impair" standard, federal regulations require unbundling if lack of access to the network element impairs a carrier's ability to provide the services it seeks to offer. "A requesting carrier's ability to provide service is 'impaired' if, taking into consideration the availability of alternative elements outside the ILEC's network, including self-provisioning by a requesting carrier or acquiring an alternative from a third-party supplier, lack of access to that element materially diminishes a requesting carrier's ability to provide the services it seeks to offer."[10] The FCC rules establish that the "totality of circumstances" must be considered to determine whether an alternative to the ILEC's network is available in such a manner that a requesting carrier can *realistically* be expected to actually provide services using the alternative.[11] When determining whether to require additional unbundling, FCC Rule 51.317(b) requires that the Commission consider the cost, timeliness, quality, ubiquity, and impact on network operations that may be associated with any

9 *See UNE Remand Order* at ¶ 180 & 305; *Line Sharing Order* at ¶ 28.

10 47 C.F.R. § 51.317(b).

11 *UNE Remand Order* at ¶ 62.

alternatives to unbundling. In addition, other factors such as promotion of the rapid introduction of competition; facilities-based competition, investment, and innovation; or certainty to requesting carriers regarding the availability of the element may also be considered by the Commission.[12]

Q. If broadband loops were not available as a UNE, are there any viable alternatives available to FDN to provide high-speed data service where BellSouth has deployed DLCs?

A. No. If viable alternatives were available, FDN would be selling DSL today to customers served by DLC loops in Florida.

Q. What options do you believe that BellSouth may assert as justifications for withholding UNE designation of broadband loops?

A. I am aware that ILECs have alleged that at least three alternatives are available to CLECs -- CLEC collocation of DSLAMs at the remote terminal, the use of all-copper loops, and construction of their own distribution network. None of these options offer viable options for FDN or other CLECs. If left only with these options, FDN would be not only impaired but prevented from being able to offer DSL service to a growing majority of Florida consumers, and, as a result, would be impaired in its ability to offer voice local exchange services as well.

Q. Could FDN provide ubiquitous DSL service to end-users served by DLCs by collocating DSLAMs at BellSouth's remote terminals?

A. No. The cost of providing ubiquitous service throughout the state of Florida by collocating DSLAMs at remote terminals would be staggeringly

12 *See* 47 C.F.R. § 51.317(c).

expensive, and well beyond the capability of FDN or other CLECs. FDN invested millions of dollars and much of its human and technical resources to collocate equipment in 100 of BellSouth's 196 central offices in the state of Florida. By contrast, BellSouth has more than **12,000** remote terminals in the state of Florida. Collocation on this scale is financially impossible for FDN and would be tantamount to duplication of a significant portion of BellSouth's monopoly-built last mile distribution network. In any case, collocation even at single remote terminals is precluded by numerous other factors. As evidence of this reality, according to BellSouth's discovery responses in this case, no CLEC has collocated, or even requested to collocate, at a BellSouth remote terminal in the entire state of Florida.

Q. What factors preclude CLEC collocation at individual remote terminals?

A. First, in most cases, even if BellSouth permitted FDN to collocate a DSLAM inside the remote terminal, no fiber feeder will be available to transport the telecommunications back to FDN's collocation site in the central office. BellSouth has repeatedly maintained that dark fiber will in most cases not be available to CLECs at these locations. In most or all cases, no dark fiber would be available from any third parties, as third parties would have had little reason to invest in fiber between two locations controlled and highly regulated by BellSouth. Therefore, in most cases, FDN could only use a remotely-collocated DSLAM if it were to construct its own fiber-optic

transport between the remote terminal and FDN's facilities, such as those it has collocated at BellSouth's central office.

Q. Could FDN construct its own fiber-optic transmission between BellSouth's remote terminals and central offices for the purpose of providing DSL service through remotely-collocated DSLAMs?

A. No. Such an endeavor would be prohibitively costly and time-consuming. The FCC noted that "the costs associated with self-provisioning or purchasing alternative elements from third-party suppliers are relevant to [a] determination of whether the element is a practical and economical alternative to the incumbent LEC's unbundled network element."[13] The cost of constructing new fiber facilities would be incredibly expensive, and completely unaffordable, to FDN or to a third-party supplier. Such construction would require FDN to incur tremendous costs to secure rights-of-way, dig up the path of the fiber, and install equipment. These costs would not justify the comparatively limited revenues that could be realized from high-speed data services to the limited number of end-users served by a single remote terminal.

Q. How would these costs compare to the costs borne by BellSouth for its DSL connectivity?

A. BellSouth has already years ago secured rights-of-way and incurred most of the costs of placing fiber. Unlike FDN, BellSouth would not be required to place new fiber in order to carry new traffic. When BellSouth informs CLECs that no dark fiber is available, that does not mean that no

13 *UNE Remand Order* at ¶ 72.

fiber is available for *BellSouth's* use. ILECs typically reserve a substantial amount of fiber capacity between their remote terminals and central offices. Therefore, BellSouth would not have needed to place new fiber facilities to add DSLAMs and DSL to its remote terminals. Furthermore, even if its bandwidth were exhausted between an RT and central office, BellSouth can upgrade its bandwidth by changing the electronics on the ends of its lit fiber to secure additional bandwidth for its DSL. This option, which BellSouth will not provide to CLECs, is tremendously cheaper than installation of new fiber.

Q. Even if dark fiber was available, would FDN be able to collocate DSLAMs at BellSouth's DLCs?

A. No. In many cases, collocation may not be physically possible, and in all or nearly all cases, it would be prohibitively expensive and time consuming for FDN.

Q. Why would CLEC DSLAM collocation at BellSouth remote terminals be physically impossible in some circumstances?

A. The vast majority of BellSouth's 12,000-plus remote terminals in Florida are cabinets, which are much smaller than other typical RT structures, such as huts or controlled environmental vaults. Many DLCs therefore are housed in structures that are too small to support additional collocation of DSLAMs and necessary supporting infrastructure by several CLECs, or perhaps even by a single CLEC. DSLAMs require power and climate control infrastructure that likely is often not available at a remote terminal. Addition

of this additional infrastructure would require even more space, which may not be available.

Q. Why would collocation of a DSLAM at BellSouth remote terminals be prohibitively expensive and time-consuming for FDN?

A. DSLAM power and temperature control requirements exceed the standards of many remote terminals. CLECs would incur tremendous expense and delays in arranging for sufficient power capacity and infrastructure. In addition, as I noted above, if space within the RT were unavailable, FDN would be required to build an external structure to house its facilities, which would require substantial time and expense, including, but not limited to, securing acquisition of new land and/or establishment of new rights-of-way and all other approvals from local authorities necessary to construct FDN's own remote terminals. Remote terminals are often located in residential neighborhoods and are subject to increasing scrutiny. Neighborhoods now quiet about the presence of a single remote terminal may well object to plans by numerous CLECs each to place their own remote terminals. FDN, which does not have long-standing relationships with local authorities, could experience significant delays or expenses in securing such permission, if not outright rejection. On top of these expenses, BellSouth might seek to charge FDN for cross-connection facilities to its remote terminal. Taken together, ubiquitous collocation of DSLAMs at BellSouth remote terminals would cost FDN millions of dollars and would require years of difficult, if not impossible, efforts.

Q. Could FDN cost-justify these high DSLAM collocation expenses at a remote terminal for the purpose of offering DSL?

A. No. DSLAMs are very often too expensive to justify at a remote terminal due to the smaller number of customers that are served by an RT. Also, the FCC has determined that, in applying the cost factor of the impairment test, the state commission should consider the economies of scale enjoyed by incumbents as a result of their ubiquitous networks.[14] Unlike at a central office, the level of concentration present at a remote terminal is often as low as a hundred or a few hundred lines in total. At least in their early years of operations, CLECs cannot realistically hope to obtain a "take rate" of more than a small, single digit percentage of the total possible market for DSL service. BellSouth is able to garner a higher take rate, at least initially, because of its greater name recognition and established relationships with existing customers. Therefore, the cost of establishing a DSLAM collocation arrangement and fiber connectivity at each remote terminal may be so prohibitive as to never make economic sense given the few customers that any given CLEC might serve from an individual remote location. Indeed, if collocation of a stand-alone DSLAM at the remote terminal were the only available "option", DSL competition in markets served by DLCs might never develop.

Q. Would CLECs be able to collocate DSLAMs at BellSouth remote terminals on the same terms and conditions afforded by BellSouth to its own DSL operations?

14 *UNE Remand Order* at ¶ 84.

A. No. First, as I mentioned before, BellSouth has indicated that it will not provide the lit fiber to CLECs that BellSouth's DSL utilizes for transport to the central office. Second, CLECs will be severely disadvantaged wherever BellSouth deploys Next Generation Digital Loop Carrier ("NGDLC") systems, because BellSouth will be able to use digital line cards rather than DSLAMs at the remote terminal. These line cards, which perform the role of the DSLAM in NGDLC architecture, are small pieces of electronic equipment that that are plugged directly into the channel bank assembly of the Digital Loop Carrier.[15] Line cards are significantly smaller and cheaper and are more effective even than the smallest commercial DSLAM. I understand from BellSouth's statements in other proceedings that it has opposed collocation by CLECs of line cards at BellSouth NGDLCs. Therefore, BellSouth would deny the ability of CLECs to place DSLAM functionality at the remote terminal on the same terms and conditions that it affords to its own operations.

Q. You testified that it would be prohibitively time-consuming for FDN to collocate stand-alone DSLAMs and connect to lit fiber at BellSouth remote terminals. At what point does the resulting delay to FDN's deployment constitute an impairment of FDN's ability to provide high-speed data service?

A. Even if FDN had sufficient funding to collocate remote DSLAMs and construct or obtain lit fiber to the central office, the process in my estimation would require well more than one year before FDN could start to provide

15 See, e.g., *Pronto Order* at ¶ 16.

service, and perhaps much longer. Construction of new external remote facilities or placement of new fiber could require time-consuming public approval processes. Furthermore, it is my understanding that in one of the few instances where a CLEC attempted to collocate a DSLAM at an ILEC remote terminal, cross-connection and construction issues remained unresolved more than one year after the initial collocation request was made. The FCC has held that "delays caused by the unavailability of unbundled network elements that exceed six months to one year may, taken together with other factors, materially diminish the ability of competitive LECs to provide the services that they seek to offer."[16] FDN and the investors on which it relies place a valuable premium on speed to market, which is critical in the telecommunications market, especially for new advanced services. The FCC observed the importance of speed to market, noting that "incumbent LECs can take advantage of delays caused by the unavailability of unbundled network elements by using their unique access to most customers to gain a foothold in new markets, and, in markets where services may be offered pursuant to long term-contracts (*e.g.*, DSL and other advanced data services), to 'lock-up' customers in advance of competitive entry."[17] Moreover, delays in the introduction of competitive services caused by the unavailability of unbundled elements would give BellSouth valuable time to entrench itself with existing customers.[18] If forced to endure delays of additional months or

16 *UNE Remand Order* at ¶ 89.

17 *UNE Remand Order* at ¶ 91.

18 *See UNE Remand Order* at ¶ 93.

years to build new remote structures, collocate DSLAMs, obtain cross-connections and deploy lit fiber, all while BellSouth adds thousands of new DSL customers in Florida every month, FDN will suffer serious competitive injuries. Delays increase the risk that FDN will fall irreparably behind BellSouth in the high-speed data market, and further enable BellSouth to use its growing control of the Florida DSL market to injure FDN's position in the voice services market.

Q. Would it be possible for FDN to offer DSL on a ubiquitous basis over home run copper loops that do not pass through the BellSouth's DLCs?

A. No. In the first instance, many DLCs are deployed at locations where copper loops are longer than 18,000 feet, and are therefore too long to carry DSL signals. Even where home run copper loops are DSL-capable, the quality of the DSL transmissions would be inferior to DLC loops and therefore would not be competitive in the consumer market. The FCC concluded that "the quality of alternative network elements available to the competitive LEC is relevant to a determination of whether a requesting carrier's ability to provide service is impaired" and that "a material degradation in service quality associated with using an alternative element will materially diminish a competitor's ability to effectively provide service."[19] Second, in many BellSouth serving areas, no copper facilities remain available for DSL.

19 *UNE Remand Order* at ¶ 96.

Q. Could FDN self-provision DSL transport to end-users who are served by BellSouth DLC facilities?

A. No. FDN cannot replicate BellSouth's facilities in order to sell DSL. Even if FDN had at its disposal the billions of dollars that ILECs are spending on the deployment of DLC loop facilities, it would cost FDN billions on top of that amount to produce a functionally equivalent last mile distribution network to carry FDN's own telecommunications. BellSouth's DLC facilities utilize BellSouth's existing copper distribution network, existing rights-of-way, and existing remote terminal facilities. Furthermore, construction of a new distribution network would require several years at a minimum. Therefore, this is clearly not a realistic option for FDN. Further, I believe that competitive voice service to residential users would be accelerated, as competitors to Bellsouth would have access to both parts of the competitive "bundle" of voice and data.

Q. Can FDN obtain DSL transport to end-users served by BellSouth DLCs from a third-party provider?

A. No. I am not aware of any third-party provider that could and would provide the last mile distribution facilities necessary for high-speed data services to FDN or other CLECs on a ubiquitous basis throughout BellSouth territory, or even in a small fraction of that territory. Any third party would face the same obstacles that prevent FDN from constructing its own last mile distribution network. Given FDN's interest in obtaining such access, I

believe to a near certainty that I would be aware if a viable, ubiquitous third-party provider were available in Florida.

Q. Would the availability of a broadband UNE promote the rapid introduction of competition for high-speed data services in Florida?

A. Yes. I agree with the FCC's finding in the Project Pronto Order that the availability of a broadband offering would promote the rapid introduction of competition.[20] FDN would plan to obtain this service as soon as possible and would be able to offer DSL soon thereafter. The availability of a broadband UNE loop would have a far more immediate and profound effect on DSL competition in Florida than it had in SBC's region due to the higher percentage of BellSouth DLCs deployed in the state.

Q. Would the broadband UNE loop that you have proposed include packet switching functionality?

A. Yes.

Q. Has the FCC established a test used to determine whether packet switching must be unbundled?

A. Except for the "impair" standard I described above, the FCC has not issued a generally applicable test to determine whether packet switching should be unbundled. However, in the 1999 *UNE Remand Order*, the FCC created a four-part test setting forth one set of circumstances where packet switching clearly must be unbundled. ILECs have argued that a state commission may order unbundling of packet switching only when this test is satisfied; however, nothing in the Order suggests that packet switching may

20 *Project Pronto Order* at ¶¶ 23, 30.

not be unbundled in other circumstances. Once a state commission finds that a CLEC would be impaired without access to unbundled packet switching, it can and should order such unbundling without literal application of the *UNE Remand* test.

Q. Could you please state the packet switching unbundling standard from the *UNE Remand Order*?

A. The test set forth in the *UNE Remand Order* requires ILECs to unbundle packet switching when (1) the ILEC has installed DLC systems; (2) there are no spare copper loops that are capable of supporting the xDSL services the CLEC seeks to offer; (3) requesting CLECs are not allowed or able to collocate DSLAMs at ILEC remote terminals on the same terms and conditions that apply to the ILEC's own DSLAM; and (4) the ILEC has deployed packet switching for its own use.[21]

Q. Are these four conditions met for the purposes of this arbitration?

A. Yes. BellSouth has indisputably installed DLC systems, and likely has the highest percentage of DLCs deployed of any large ILEC in the country. Second, in the vast majority of cases where BellSouth has deployed DLCs, there are no xDSL-capable copper loops available that FDN can use to provide high-speed data service. FDN and other CLECs have requested such loops through BellSouth's ordering system and received notice that no copper loop is available. My response to the third part of the test varies based on whether BellSouth has deployed NGDLC systems. Where NGDLCs are deployed, BellSouth's DSLAM functionality is performed through line cards

21 *UNE Remand Order*, at ¶ 313; 47 C.F.R. 51.319(c)(3).

plugged into the channel bank of the NGDLC. BellSouth will not allow CLECs to collocate their own line cards at the NGDLC. Where traditional DLCs are deployed, although BellSouth nominally allows CLECs to collocate stand-alone DSLAMs at the remote terminal, such collocation is subject to untenable terms and conditions, for the reasons I explained above. These reasons include, but are not limited to, the fact that BellSouth refuses to allow CLECs to connect the DSLAMs to the lit fiber that is used to carry BellSouth's high-speed data service to the central office. Because dark fiber is often not available, a CLEC DSLAM would be stranded at the remote terminal. Therefore, whether BellSouth deploys DLCs or NGDLCs, CLECs are denied collocation of DSLAM functionality on the same terms and conditions applicable to BellSouth's DSLAM functionality. Finally, it should be beyond dispute that BellSouth has deployed packet switching functionality for its own DSL services. Therefore, the FCC's four-part test is satisfied, and BellSouth must be ordered to offer unbundled packet switching where it has deployed DLCs.

Q. Should unbundled packet switching be made available generally or only where the Commission conducts a remote terminal by remote terminal unbundling analysis?

A. Because these conditions are satisfied in the vast majority, if not all, of BellSouth's DLC deployments, a general unbundling requirement is warranted. Otherwise, BellSouth will be able to effectively prevent CLECs from obtaining service in a timely and affordable manner by delaying entry

over protracted and expensive litigation addressing each one of BellSouth's hundreds or thousands of DLC sites.

Q. Have any state commissions found that ILECs are required to unbundle packet switching at DLCs generally using the FCC's four-part standard?

A. Yes. The Illinois Commerce Commission found that the test had been satisfied in ordering Ameritech to unbundle broadband loops.[22] In addition, the New York Public Service Commission declined to make this determination *only* because Verizon was not yet currently deploying packet switching for its own use or for the use of an affiliate. The New York Commission held that, were Verizon to deploy packet switching for its own use or to its affiliate, it would have to offer it to all competitors.[23] The facts of the New York case were materially different than here because of the far more advanced stage of BellSouth's DSL deployment over DLCs and ongoing utilization of packet switching for DLC loops in Florida. Had the Florida facts been before the New York Commission, a general unbundling of packet switching clearly would have been warranted.

Q. Is the Florida Commission required to apply a four-part test established in the FCC's *UNE Remand Order* for unbundling of packet switching if before it can designate broadband loops as UNEs?

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22 *Illinois Pronto Arbitration Order* at 31.

23 Proceeding on the Motion of the Commission to Examine Issues Concerning the Provision of Digital Subscriber Line Services, Case 00-C-0127, Opinion and Order Concerning Verizon's Wholesale Provision of DSL Capabilities Opinion No. 00-12 (N.Y. P.S.C. October 31, 2000).

A. No. As I stated previously, the Florida Commission can and should order unbundling of packet switching if it finds that CLECs would be impaired without such access, pursuant to the terms of FCC Rule 51.317. The four-part test from the *UNE Remand Order* is only one of many routes that the Commission could take to find such impairment. Above all, the Commission should consider that the fundamental purpose of the FCC test is clearly to enable CLECs to offer high-speed data service where the ILEC has deployed Digital Loop Carriers. If FDN had such access, it would be providing high-speed data over these loops today. BellSouth's contrived arguments that the *UNE Remand Order* precludes the unbundling of packet switching fails when viewed in the context of the purpose of the FCC's order and the reality today that CLECs lack meaningful access to DLC loops. Therefore, the BellSouth should be required to unbundle packet-switched broadband loops in Florida.

III. BELLSOUTH IS REQUIRED BY SECTION 251(C)(4) OF THE FEDERAL ACT TO OFFER ITS HIGH-SPEED DATA SERVICE FOR RESALE

Q. Should BellSouth be required to offer wholesale high-speed data service to FDN for resale pursuant to Section 251(c)(4) of the Telecommunications Act of 1996?

A. Yes. BellSouth and its affiliates are required to offer, on a discounted wholesale basis, all of their retail telecommunications services, including xDSL and other high-speed data services, pursuant to the resale obligations

applicable to incumbent local exchange carriers under Section 251(c)(4) of the Federal Act. While resale is not FDN's preferred means of access, and, under FCC Orders, is not a substitute for UNE access,[24] the Act does require BellSouth to offer it, and BellSouth should be required to provide FDN such access in this case.

Q. Does BellSouth offer for resale its high-speed data services today under the terms of Section 251(c)(4)?

A. No. BellSouth's only wholesale high-speed data service in Florida is its voluntary, market-rate offer to Internet Service Providers (ISPs). BellSouth offers this service only for telephone lines on which BellSouth is the local exchange carrier. Therefore, this service is not a long-term option for FDN, which seeks to combine high-speed data services on the same line as its facilities-based local exchange service. Furthermore, since BellSouth considers the service to be voluntary, there is no guarantee that it will continue to be made available at rates, terms and conditions that would allow a competitor to compete with BellSouth's retail service.

Q. If a resold DSL product were available pursuant to Section 251(c)(4), could BellSouth refuse to resell DSL to CLECs for use on lines where it is not the local exchange carrier?

A. No. An ILEC cannot impose unreasonable or discriminatory limitations on resale services provided under Section 251(c)(4).

Q. What retail products does BellSouth offer to provide high-speed data service?

24 See *UNE Remand Order* at ¶ 67.

A. To the best of my knowledge, BellSouth's consumer high-speed data service is sold as BellSouth Fast Access Internet Service. FDN seeks to be able to resell the telecommunications portion of this service, which, depending on BellSouth's deployment, could be provided either over DSL, fiber-fed DLC, or all-fiber loops. I will refer to the telecommunications portion of this service as BellSouth's retail DSL service, but for the purposes of this testimony I intend to include with this term any technology BellSouth uses to provide consumer high-speed data services. BellSouth offers other higher-capacity high-speed data services, such as T-1 service, but these services are not a subject of this arbitration.

Q. On what basis has BellSouth refused to offer resold DSL service under Section 251(c)(4)?

A. BellSouth claims that its DSL services are exempt from the resale obligations of Section 251(c)(4) of the Telecommunications Act, which applies to retail telecommunications services. As I understand its position, BellSouth maintains that its local exchange carrier entity does not sell retail DSL, but instead sells DSL only to Internet Service Providers (ISPs). This position is based upon the FCC's 1999 decision that sales of DSL to ISPs are wholesale services that are exempt from resale obligations under Section 251(c)(4).[25] However, the BellSouth group of companies, taken together, is the largest retail DSL provider in Florida. BellSouth does sell retail DSL through an ISP that it owns and controls. BellSouth's ISP obtains DSL from

25 Deployment of Wireline Services Offering Advanced Telecommunications Capability, CC Docket 98-147, Second Report and Order, FCC 99-330 (rel. November 9, 1999) ("UNE Remand Order").

BellSouth's local exchange company. BellSouth promotes and sells its telephone and DSL services using the same advertisements, customer service and sales agents, and Internet sites, including www.BellSouth.com. Revenues from DSL sales and telecommunications services are reported together and accrue for the benefit of the same BellSouth shareholders. If BellSouth were permitted to avoid its Section 251 obligations by selling all of its telecommunications service on a wholesale basis to other affiliates, it would render the unbundling and resale obligations of the Federal Act meaningless. Therefore, retail sales of telecommunications services by any BellSouth affiliate should be attributed to the local exchange carrier operation for the purposes of Section 251.

Q. Have any courts interpreted an ILEC's resale obligations where retail services are sold by an affiliate of the ILEC rather than by the ILEC itself?

A. Yes. In *ASCENT v. FCC,*[26] decided in January 2001, the United States Court of Appeals for the District of Columbia held that retail sales of advanced telecommunications services by ILEC affiliates are subject to the resale obligations of the Act. The court found that an ILEC may not "sideslip § 251(c)'s requirements by simply offering telecommunications services through a wholly owned affiliate." Although the case involved a regulation pertaining only to SBC, the logic of the decision applies equally to BellSouth. Therefore, the FCC's ISP exemption cannot be read to exempt BellSouth

26 *Association of Communications Enterprises v. FCC*, 235 F.3d 662, (D.C. Cir. January 9, 2001)("*ASCENT*").

from its obligation to resell the retail telecommunications service that is provided by any BellSouth affiliate.

Q. Have any states taken steps to require an ILEC to make available for resale the retail DSL products of separate ISP affiliates?

A. Yes. On May 7, 2001, the Connecticut Department of Utility Control (DPUC) issued a draft decision that would require the state's largest incumbent, Southern New England Telephone Company (SNET), to resell any telecommunications service, including DSL, that is sold by its ISP affiliate and any other affiliates. The draft decision rejected arguments by SNET that are virtually identical to those offered by BellSouth. As the DPUC noted, "[t]he ASCENT Decision clearly holds that 'an ILEC [may not be permitted] to avoid § 251(c) obligations as applied to advanced services by setting up a wholly owned affiliate to offer those services.' [SNET's] repeated claim that this holding has no application to the services it offers ignores that decision's plain language."[27]

Q. Is FDN asking that BellSouth be required to resell both the telecommunications and enhanced services that are sold together by BellSouth's ISP?

A. No. Section 251 applies only to telecommunications services, and that is all that FDN is seeking to resell. However, BellSouth cannot refuse to separate its telecommunications service from its enhanced services for the purpose of denying resale. FCC bundling rules require BellSouth to offer its

27 Petition of DSLnet Communications, LLC Regarding Section 251(c) Obligations of the Southern New England Telephone Company, Docket 01-01-17, Draft Decision at 9 (Conn. D.P.U.C. May 7, 2001) (internal citations omitted).

telecommunications services separately from any enhanced services, even if it only sells them as a bundled product.[28]

Q. If BellSouth only offers a bundled DSL and ISP product to the public, how should the resale rate under Section 251(c)(4) be calculated?

A. BellSouth's current bundled ADSL/Internet Service rate, according to its Internet web site, is $49.95, which includes DSL transport and unlimited access Internet service. When unlimited Internet service is ordered separately from BellSouth, the cost is $20.95. Therefore, in the absence of any Commission-approved cost study allocating costs between the DSL and Internet service, the DSL transport service should be attributed to have a retail rate of $29.95. The existing resale discount rates established by the Florida Commission would be applied to the $29.95 rate. BellSouth would be free to avail itself of any procedures available under this Commission's rules and prior decisions to seek modifications to the discount rates or to seek the establishment of a specific rate applicable to DSL.

IV. FDN'S REQUEST IS NOT INCONSISTENT WITH PRIOR COMMISSION DECISIONS

Q. Prior arbitration decisions in Florida have rejected arguments that BellSouth should be required to provide splitters to CLECs. Is FDN's request inconsistent with those decisions?

28 Policy and Rules Concerning the Interstate, Interexchange Marketplace, CC Docket 96-61; 1998 Biennial Regulatory Review – Review of Customer Premises Equipment and Enhanced Services Unbundling Rules in the Interexchange, Exchange Access and Local Exchange Markets, CC Docket 98-183, Report and Order, FCC 01-98 (rel. March 30, 2001), at ¶ 39.

A. No. FDN recognizes that the Commission has previously decided not to require BellSouth to offer unbundled splitters to CLECs in the central office. The fact that FDN's proposed broadband UNE loop includes splitter functionality at the remote terminal is not inconsistent with these prior findings. In the central office environment, there is no dispute that CLECs are able to collocate equipment, and in these prior cases, CLECs sought unbundled splitters for reasons other than complete infeasibility. At remote terminals, as I have explained previously, CLECs cannot realistically collocate DSLAMs. For the same reasons, CLECs cannot collocate splitters at RTs. In addition, unlike the central office that may have multiple DSLAMs, it would be nonsensical to have multiple splitters all lined up to connect to a single (BellSouth) DSLAM.

Furthermore, in NGDLC systems, the splitter is an inseparable part of the same line card equipment that performs DSLAM functionality. Unlike most current central office deployments, where the splitter is a separate item of equipment, inclusion of splitter functionality requires no additional burden on BellSouth. I am not aware of any technically feasible means of performing splitter functionality in NGDLC loops other than by the line card. The fact that the splitter functionality is included does not alter the Commission's overall impairment analysis for broadband loops.

Q. Why do you believe that the *Line Sharing Reconsideration Order* did not endorse the ILECs' refusal to sell DSL service?

A. The FCC did not find that ILECs may lawfully refuse to provide DSL service on lines on which it is not the retail voice carrier. On the contrary, the FCC determined only that AT&T's request was beyond the scope of a reconsideration order, which, for procedural reasons, was limited to consideration of the ILECs' obligation to provide access to line sharing to data CLECs who would provide DSL service. The FCC specifically noted that it did *not* rule on the merits of AT&T's argument, instead noting that any party aggrieved by an ILECs refusal to provide service could file a petition alleging that the ILECs practice constitutes an unreasonable practice in violation of the common carrier obligations to provide service to the public on a nondiscriminatory basis, pursuant to Section 201 of the Communications Act of 1934.

Q. Has FDN considered pursuing a complaint at the FCC based on Section 201 to require ILECs to sell DSL service to requesting consumers who subscribe to CLEC voice services?

A. Not at this time. As I stated before, FDN is not seeking a requirement that BellSouth provide retail xDSL service to FDN's local exchange customers. Instead, FDN is seeking access only to the resale and UNE products that it is entitled to under Section 251(c) of the Telecommunications Act of 1996 so that it may provide its own retail DSL service. However, if FDN later decided to pursue a different strategy, I would consider filing a Section 201 complaint at the FCC. BellSouth can offer no reasonable justification for its policy, which clearly appears designed to leverage its

market power in the high-speed data market as an anticompetitive tool to injure its competitors in the voice services market. Because competitive providers of DSL have been unable to offer DSL service where DLCs are present, there have always been fewer competitive options in BellSouth territory in Florida to the extremely high percentage of such loops. Now, with numerous competitive DSL providers folding or downsizing even in markets where copper loops were more readily available, if FDN does not obtain the relief requested in this case, there is a very real possibility that BellSouth will in the foreseeable future be the only remaining DSL provider in its incumbent region in Florida. Therefore, BellSouth's ability to exert unreasonable and unlawful anticompetitive pressures on the voice services market will continue to increase. For these reasons, BellSouth's refusal to offer xDSL service to Florida consumers who purchase facilities-based voice service from CLECs is unreasonable and unlawful.

ISSUE 2 -- SETTLED

ISSUES 3A & 3B.

Q. Issues Nos. 3A and 3B concern trouble ticket closure and charges. Please describe FDN's position on Issues Nos. 3A and 3B.

A. FDN experiences a significant number of trouble conditions for loss of dial tone or other service problems that FDN believes are attributable to BellSouth's service or facilities. Accordingly, FDN has a keen interest in BellSouth's disposition of trouble tickets and how FDN might be charged for trouble tickets. FDN does not dispute BellSouth's request to charge

FDN for trouble tickets where BellSouth is not responsible for the trouble. However, FDN has experienced problems with BellSouth's closing trouble tickets without notifying FDN and closing tickets as "No Trouble Found" (or "NTF") when problems persist, forcing FDN to attempt to reopen the ticket or open a new ticket. Also, in FDN's experience, a significant number of BellSouth trouble tickets are closed as NTF when FDN believes there was a legitimate trouble with the line.

When calling in a trouble ticket to BellSouth, FDN will conduct its own trouble isolation evaluation or line diagnostics test. Typically, an FDN representative will conduct a tip-to-ring capacitance test on the line the customer reported a problem with. If FDN believes the source of the trouble is with FDN's network, then the matter is referred to FDN's Operations & Engineering Group. If FDN believes BellSouth may be the source of the problem, FDN will call in a trouble ticket to BellSouth.

With respect to Issue No. 3A, FDN's position is simply that BellSouth should notify FDN prior to closing a ticket and should refrain from closing a ticket if FDN cannot confirm that the trouble has been resolved. In the past FDN's representatives were told by BellSouth that BellSouth would not notify FDN for closing trouble tickets on SL-1 loops. It is my understanding that this practice recently changed and FDN representatives are now getting calls from BellSouth field technicians upon closing trouble tickets for SL-1 loops. Therefore, BellSouth should not object to confirming the new practice in the interconnection

agreement such that FDN will be notified of the disposition of all trouble tickets.

A related problem is the situation where FDN places a trouble ticket with BellSouth and BellSouth closes the ticket though the end user continues to experience the problem condition after the BellSouth technician worked the ticket.

Thus far, BellSouth's answer to this sort of problem has been a proposal for joint acceptance testing that must be completed within 15 minutes for FDN to avoid additional charge. FDN opposes paying BellSouth an additional "time" charge when FDN's own remedies for appointments that BellSouth delays or misses are problematic or nonexistent. Nonetheless, FDN can accept BellSouth's joint acceptance testing proposal if BellSouth agrees to terms to the effect that: (1) BellSouth will contact FDN at the time a trouble is worked/disposed on all loops, (2) FDN may conduct its portion of joint acceptance testing remotely and will not be required to field dispatch within 15 minutes, (3) FDN will not be charged for acceptance testing if the trouble is not resolved at the time of the test, and (4) FDN's acceptance testing permits closure of the ticket if the problem is cleared but does not constitute acceptance of BellSouth's stated disposition of the ticket.

With respect to Issue No. 3B, FDN's maintains that BellSouth should not charge FDN for NTF trouble tickets if FDN can show there was a trouble on BellSouth's end.

As indicated above, FDN regularly experiences a significant number of no dial tone conditions which FDN believes are attributable to BellSouth. Attached hereto as Exhibit ____ (MPG-2) is a list of no-dial-tone tickets since January 2001 in cases where FDN believes the problem was attributable to BellSouth. FDN has pursued arbitrating issues relative to trouble tickets in this case because FDN has been very concerned with the number of these tickets, their causes and disposition. Attached hereto as Exhibit ____ (MPG-3) are notes taken from FDN's ordering and tracking system reflecting a few examples of trouble ticket information and FDN line diagnostic results. FDN believes the line diagnostics taken before and after these tickets reflect BellSouth's having pulled F2 pair in the field or F1 pair in the office, leaving FDN customers without dial tone. In looking at the trouble tickets and based on experience, these pulled jumper situations are not isolated cases. FDN has been anxious for BellSouth to eliminate the root causes of no-dial-tone conditions that are caused by BellSouth. Since BellSouth has seemed unwilling to help FDN and was unwilling to address prevention in this case, such as through tagging FDN lines to prevent them from being pulled, FDN asserts that it must have better rights on issues of ticket disposition.

A number of the tickets listed on Exhibit ___ (MPG- 2) were disposed as NTF. However, FDN believes BellSouth has closed tickets as NTF even though the tickets should not have been closed as NTF. Attached hereto as Exhibit ____ (MPG-4) are notes taken from FDN's ordering and

tracking system reflecting a few examples of trouble tickets BellSouth closed as NTF but which FDN believes should not have been NTF. FDN believes that the tip-to-ring capacitance results taken before and after the disposition of these tickets show that a repair/change was made to the line, yet the tickets were closed as NTF. In some cases, it appears that a circuit was open in the BellSouth office or that a loop was changed from straight copper to a DLC design, but an NTF was reported.

FDN seeks assurance of proper billing for trouble tickets. FDN's position is that it should not be charged for tickets closed as NTF where results show the trouble was resolved when BellSouth worked the ticket.

ISSUES 4A & 4B.

Q. Issues Nos. 4A and 4B concern move orders. Please describe FDN's position on Issues Nos. 4A and 4B.

A. When an FDN customer changes locations from one address to another, BellSouth must execute a "move order" for FDN. This involves BellSouth's disconnecting service to the customer's first location, BellSouth's provisioning a new UNE loop in the second location and transferring the same customer telephone number to the new loop. In most cases, BellSouth does not establish the new UNE loop in the second location in an acceptable time frame, that is, at parity with the interval in which BellSouth provisions moves for its own retail customers. If the customer has already moved and BellSouth has missed the required due date, the customer can be left without phone service.

BellSouth can generally move its retail customers' service from one location to another in three business days. BellSouth takes well in excess of a three-business-day interval to provision move orders for FDN customers. To avoid its customers being without service, FDN has ordered and paid for retail service from the BellSouth business office and then call forwards traffic from the UNE loop in the old location to the Bell-provided retail line. FDN maintains that if BellSouth cannot meet the required due date for an FDN move order, FDN should receive retail BellSouth service to the new customer location at no cost until the move order is executed. Attached hereto as Exhibit ____ (MPG-5) is a schedule of 20 or so examples of FDN move orders submitted to BellSouth. The information on the left of the schedule shows the dates on which FDN ordered and BellSouth installed retail lines to the new location for FDN's moving customers. According to the schedule, there is just a three-business-day interval for turning up the retail service more than 90% of the time. The information on the right of the schedule shows when FDN submitted a move order (via a LSR) and the date that the move order was executed. According to the schedule, sometimes it takes more than a month to execute the move order, and, in most cases, there is at least a two-week interval.

FDN does not believe that the Commission should refuse to rule on its request just because BellSouth thinks the issue should be addressed in the permanent performance measures docket. The parties should be

entitled to present for arbitration any open issue, and the Commission should resolve any open issue. This issue on move orders is in dispute and should be arbitrated.

The interconnection agreement negotiated up to this point includes a number of cost allocation or recovery mechanisms for fault or cost-causing behavior. For example, for line troubles caused by BellSouth, FDN does not have to pay for the trouble ticket and may be entitled to a credit. If BellSouth's TAG gateway is inoperable other than for scheduled maintenance, FDN does not have to pay the manual order charge. In some circumstances, BellSouth has the right to charge FDN for removal of collocated equipment or investigation of improper conduct in collocation space. The negotiated agreement addresses at length liability limitations and indemnification. Cost allocation or recovery mechanisms for fault and cost-causing activity exists in the negotiated agreement and should be balanced in favor of both parties. In the case of this move order issue, FDN asserts that BellSouth's failure to properly perform causes FDN to incur a finite cost that FDN should not have to incur to serve its customers.

BellSouth's position in the Commission's permanent performance measure docket has been that the PSC has no authority to impose a self-executing remedy plan on BellSouth, especially where BellSouth has not been granted 271 relief. Further, the Performance Measurement Attachment to the draft interconnection agreement only becomes

effective if and when BellSouth receives section 271 relief. After appeals, a final decision in the permanent performance measure case and in BellSouth's 271 case could take more than another year. Under the interconnection agreement negotiated thus far, if BellSouth does not get 271 relief, BellSouth's liability for not meeting the required due date for move orders (or failure to meet service obligations generally) would be no greater than "an amount equal to the proportionate charge for the service provided pursuant to [the interconnection agreement] for the period during which the service was affected." In other words, it appears FDN may be entitled to a few dollars off a UNE rate it would otherwise pay even though this does not bear a direct relationship to the cost FDN will incur to continue providing its moving customers with service – an available and finite cost.

Whether BellSouth is granted 271 relief or not, and regardless of possible compensation of some kind pursuant to a Commission performance measure plan, FDN's requested approach for BellSouth's failure to meet reasonable dates for move orders is preferred because it is fair, reasonable and bears a direct a relationship to the finite cost incurred as a result of BellSouth's conduct. FDN would still bear the full cost of the UNE loop for one customer location before, during and after the move. Needless to say, if BellSouth can execute move orders for FDN as required, at parity with what BellSouth provides its own retail customers, then BellSouth has nothing to worry about.

ISSUE 5 – WITHDRAWN BY FDN.

ISSUE 6 – WITHDRAWN BY FDN.

ISSUE 7 – WITHDRAWN BY FDN.

ISSUES 8A & 8B.

Q. Issues Nos. 8A and 8B concern FDN's request for an FDN-funded and dedicated frame attendant. Please describe FDN's position on these issues.

A. As I indicated earlier when addressing Issues 4A and 4B, FDN believes that it should be allowed to arbitrate any open issue. I would make the same points here against BellSouth's permanent performance measure argument as I made earlier relative to Issues 4A and 4B.

In FDN's view, this issue is about insuring fair, reasonable and nondiscriminatory service. In FDN's experience, BellSouth takes an average of at least seven days to provision a voice loop. FDN orders over 700 lines from BellSouth a week. Prior to January this year, BellSouth would not begin working FDN orders until after 10:00 a.m. each day. This often made it difficult for BellSouth and FDN to complete all orders as scheduled. When a "bad cut" occurs, due to defective cable pair in the field or the CO or other issues, problem solving is absolutely critical because FDN is cutting over a "live" business customer who cannot be left without dial tone. FDN regularly experiences problems with BellSouth's inability to resolve troubles on bad cuts as quickly as the circumstances require. Included with my testimony as Exhibit __ (MPG-

6) is a schedule of some recent bad cuts. The schedule shows the cut date, resolution date, and comment information for the bad cuts. This schedule shows BellSouth does not address bad cut repairs immediately. Customers are left without dial tone as a result, and, more often than not, these customers blame FDN for their plight. Although a few bad cuts can be expected, when bad cuts do occur, it is imperative that they be addressed immediately.

During the week of January 15, 2001, KPMG was observing BellSouth's cutovers of FDN orders as part of KPMG's OSS evaluation. During that week, BellSouth began processing FDN orders early in the morning, were finished with all scheduled orders early in the day, and bad cuts were nonexistent. The overall service provided FDN the week of KPMG's observation was a departure from FDN's prior experience and showed that BellSouth is capable of providing good service when it chooses.

FDN is entitled to service at parity with what BellSouth provides itself. To insure that FDN receives such service and to improve scheduling and bad cut resolution, FDN should have the option of a dedicated frame attendant to execute only FDN orders/services.

To insure that it receives adequate service without penalty to BellSouth, FDN proposes to pay the salary, benefits, and costs for a BellSouth employee charged with working only FDN orders or, at least, FDN orders on a priority basis. The individual will be a BellSouth

employee; only the focus of his/her duties and responsibilities will be with FDN matters. If FDN is allowed a frame-attendant, the labor component of service charges assessed FDN would have to be removed to avoid double charging for labor. In theory, the overall cost to FDN should not be higher when FDN pays a composite labor charge for a dedicated attendant versus when FDN pays on a cumulative basis the labor component (for the same labor) incorporated into the service charges. And there is no extra cost or penalty to BellSouth.

ISSUE NO. 9 -- SETTLED

ISSUE 10.

Q. Issue No. 10 concerns a third ordering option. Please describe FDN's position on Issue No. 10.

A. When FDN first started operating in Florida, it submitted SL-1 orders for voice grade UNE loops. BellSouth would issue a firm order confirmation (FOC) with a due date. FDN would then schedule the due date with the customer, but more than 50% of the time, BellSouth could not install service by the provided FOC due date because the loop was served through a DLC rather than by continuous copper from the central office. BellSouth would then require FDN to clarify the order, canceling the original due date of the FOC. So FDN would then submit an SL-2 order, await a new FOC and reschedule for a later date with the inconvenienced customer, significantly delaying the ordering and provisioning

process. Because FDN had no reasonable means to access BellSouth's network information to make advanced determination of the presence of DLCs, FDN turned to submitting orders for the more expensive SL-2 service ($80 v. $140 non-recurring charges) in order to avoid delays and associated scheduling problems.

FDN has sought a third ordering option whereby FDN would simply submit an order for a UNE voice-grade loop and BellSouth would make the determination of whether the order should be processed as an SL-1 or SL-2 before issuing an FOC, and charge FDN for the SL-1 or SL-2 as appropriate.

BellSouth's response to FDN's request has been that BellSouth now offers loop make up (or "LMU") information FDN can access prior to issuing LSRs to BellSouth. FDN has learned more about LMU over the course of continued negotiations during this case. FDN is willing to explore LMU database access as a compromise for resolving FDN's ordering issue. However, access, whether mechanized or manual, comes at an additional charge, and FDN must incur start-up and recurring costs for the systems to make LMU queries.

Thus, absent the third order option which FDN favors, FDN has three choices. First, order all SL-1s and accept the associated lack of reliable scheduling and provisioning. Second, continue ordering all higher cost SL-2s to insure better scheduling and

provisioning reliability. Or, third, incur additional cost to access the LMU information and order SL-1s or SL-2s as the LMU information dictates. However, these choices sidestep the core question: Why should FDN bear additional risk or burden associated with simple ordering in the first place?

FDN does not instruct BellSouth how to execute the order or engineer voice service any more so that a retail customer would when ordering voice service. I do not believe BellSouth tells retail customers that BellSouth will have to set a later due date for service and the customer will have to submit a new service request solely due to BellSouth's own network design.

There is no reason why BellSouth should not bear the burden of examining its own network configuration and design to process a CLEC order for voice service. FDN should be able to simply order a voice-grade UNE loop (with order coordination and time-specific cutover options) and have BellSouth figure out how to get the job done on its own network by an FOC's due date.

FDN is not asking that it be relieved of paying charges for SL-2 loops where those charges should apply. This is an ordering issue, not a provisioning issue. FDN is even willing to agree that BellSouth be allowed some additional time to issue an FOC under its proposed third order option if BellSouth can reliably meet the due dates. FDN's position is simply that FDN should not have to guess at BellSouth's network

configuration for voice orders to be completed or pay for network information. BellSouth, not FDN, should have the burden of knowing its own network.

Q. Does that conclude your direct testimony?

A. Yes.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Petition of Florida Digital Network, Inc., for Arbitration of Certain Terms and Conditions of Proposed Interconnection and Resale Agreement with BellSouth Telecommunications, Inc. Under the Telecommunications Act of 1996	Docket No.010098-TP

EXHIBITS MPG-1 THROUGH MPG-6

FILED WITH THE DIRECT TESTIMONY OF MICHAEL P. GALLAGHER

FILED ON BEHALF OF

FLORIDA DIGITAL NETWORK, INC.

Docket No. 010098-TP
Florida Digital-Bell
Arbitration
Exhibit ____ (MPG-1)
Page 1 of 1

BellSouth

BellSouth

RQST NO.	Open Date	Resolution	Closure Time
- No Dialtone			
54,091	1/19/2001		1/22/2001
55,294	1/24/2001		1/25/2001
Access Node - No Dialtone			
83,071	5/12/2001	Access Node	5/12/2001
83,072	5/12/2001	Access Node	5/12/2001
83,073	5/12/2001	Access Node	5/12/2001
83,074	5/12/2001	Access Node	5/12/2001
83,075	5/12/2001	Access Node	5/12/2001
83,076	5/12/2001	Access Node	5/12/2001
87,690	6/1/2001	Access Node	6/6/2001
Customer Provided Equipment - No Dialtone			
58,031	2/2/2001	Customer Provided Equipment	2/2/2001
75,716	4/9/2001	Customer Provided Equipment	4/10/2001
Defective Cable Pair - No Dialtone			
53,977	1/19/2001	Defective Cable Pair	1/19/2001
53,990	1/19/2001	Defective Cable Pair	1/22/2001
54,226	1/19/2001	Defective Cable Pair	1/22/2001
54,330	1/22/2001	Defective Cable Pair	1/26/2001
54,361	1/22/2001	Defective Cable Pair	1/26/2001
54,381	1/22/2001	Defective Cable Pair	1/22/2001
54,425	1/22/2001	Defective Cable Pair	1/24/2001
54,488	1/22/2001	Defective Cable Pair	1/23/2001
54,621	1/23/2001	Defective Cable Pair	1/23/2001
54,805	1/23/2001	Defective Cable Pair	1/24/2001
54,827	1/23/2001	Defective Cable Pair	1/23/2001
54,869	1/23/2001	Defective Cable Pair	1/24/2001
54,879	1/23/2001	Defective Cable Pair	1/24/2001
54,969	1/23/2001	Defective Cable Pair	1/24/2001
55,114	1/24/2001	Defective Cable Pair	1/25/2001
55,211	1/24/2001	Defective Cable Pair	1/25/2001
55,231	1/24/2001	Defective Cable Pair	1/25/2001
55,289	1/24/2001	Defective Cable Pair	1/25/2001
55,483	1/25/2001	Defective Cable Pair	1/26/2001
55,502	1/25/2001	Defective Cable Pair	1/26/2001
55,542	1/25/2001	Defective Cable Pair	1/25/2001
55,640	1/25/2001	Defective Cable Pair	1/26/2001
55,644	1/25/2001	Defective Cable Pair	1/26/2001
55,666	1/25/2001	Defective Cable Pair	1/27/2001
55,694	1/25/2001	Defective Cable Pair	1/26/2001
55,709	1/25/2001	Defective Cable Pair	1/26/2001

55,710	1/25/2001	Defective Cable Pair	1/26/2001
55,748	1/25/2001	Defective Cable Pair	1/26/2001
55,780	1/25/2001	Defective Cable Pair	1/26/2001
55,871	1/26/2001	Defective Cable Pair	1/26/2001
55,902	1/26/2001	Defective Cable Pair	1/29/2001
55,910	1/26/2001	Defective Cable Pair	2/2/2001
55,934	1/26/2001	Defective Cable Pair	1/26/2001
55,981	1/26/2001	Defective Cable Pair	1/29/2001
56,191	1/26/2001	Defective Cable Pair	2/2/2001
56,234	1/27/2001	Defective Cable Pair	1/29/2001
56,274	1/29/2001	Defective Cable Pair	1/31/2001
56,280	1/29/2001	Defective Cable Pair	1/29/2001
56,302	1/29/2001	Defective Cable Pair	1/29/2001
56,354	1/29/2001	Defective Cable Pair	1/30/2001
56,461	1/29/2001	Defective Cable Pair	1/30/2001
56,463	1/29/2001	Defective Cable Pair	1/30/2001
56,506	1/29/2001	Defective Cable Pair	1/31/2001
56,558	1/29/2001	Defective Cable Pair	2/1/2001
56,644	1/29/2001	Defective Cable Pair	1/30/2001
56,695	1/30/2001	Defective Cable Pair	1/31/2001
56,795	1/30/2001	Defective Cable Pair	1/31/2001
56,898	1/30/2001	Defective Cable Pair	1/31/2001
56,913	1/30/2001	Defective Cable Pair	2/1/2001
56,985	1/30/2001	Defective Cable Pair	2/1/2001
57,148	1/31/2001	Defective Cable Pair	1/31/2001
57,189	1/31/2001	Defective Cable Pair	2/1/2001
57,193	1/31/2001	Defective Cable Pair	2/1/2001
57,293	1/31/2001	Defective Cable Pair	2/1/2001
57,322	1/31/2001	Defective Cable Pair	2/1/2001
57,454	1/31/2001	Defective Cable Pair	2/1/2001
57,461	1/31/2001	Defective Cable Pair	2/5/2001
57,576	1/31/2001	Defective Cable Pair	2/2/2001
57,597	2/1/2001	Defective Cable Pair	2/1/2001
57,607	2/1/2001	Defective Cable Pair	2/1/2001
57,684	2/1/2001	Defective Cable Pair	2/2/2001
57,700	2/1/2001	Defective Cable Pair	2/2/2001
57,713	2/1/2001	Defective Cable Pair	2/1/2001
57,900	2/1/2001	Defective Cable Pair	2/2/2001
57,995	2/2/2001	Defective Cable Pair	2/2/2001
58,009	2/2/2001	Defective Cable Pair	2/2/2001
58,020	2/2/2001	Defective Cable Pair	2/5/2001
58,038	2/2/2001	Defective Cable Pair	2/2/2001
58,043	2/2/2001	Defective Cable Pair	2/8/2001
58,051	2/2/2001	Defective Cable Pair	2/8/2001
58,094	2/2/2001	Defective Cable Pair	2/5/2001
58,101	2/2/2001	Defective Cable Pair	2/2/2001
58,109	2/2/2001	Defective Cable Pair	2/5/2001
58,111	2/2/2001	Defective Cable Pair	2/6/2001
58,114	2/2/2001	Defective Cable Pair	2/5/2001
58,150	2/2/2001	Defective Cable Pair	2/5/2001
58,461	2/5/2001	Defective Cable Pair	2/5/2001
58,493	2/5/2001	Defective Cable Pair	2/5/2001
58,510	2/5/2001	Defective Cable Pair	2/6/2001
58,532	2/5/2001	Defective Cable Pair	2/5/2001

58,533	2/5/2001	Defective Cable Pair	2/6/2001
58,539	2/5/2001	Defective Cable Pair	2/8/2001
58,571	2/5/2001	Defective Cable Pair	2/6/2001
58,610	2/5/2001	Defective Cable Pair	2/6/2001
58,718	2/5/2001	Defective Cable Pair	2/6/2001
58,720	2/5/2001	Defective Cable Pair	2/6/2001
58,809	2/5/2001	Defective Cable Pair	2/6/2001
58,913	2/6/2001	Defective Cable Pair	2/6/2001
58,960	2/6/2001	Defective Cable Pair	2/7/2001
59,035	2/6/2001	Defective Cable Pair	2/7/2001
59,078	2/6/2001	Defective Cable Pair	2/7/2001
59,079	2/6/2001	Defective Cable Pair	2/7/2001
59,315	2/7/2001	Defective Cable Pair	2/7/2001
59,336	2/7/2001	Defective Cable Pair	2/7/2001
59,355	2/7/2001	Defective Cable Pair	2/7/2001
59,356	2/7/2001	Defective Cable Pair	2/8/2001
59,414	2/7/2001	Defective Cable Pair	2/7/2001
59,549	2/7/2001	Defective Cable Pair	2/8/2001
59,671	2/7/2001	Defective Cable Pair	2/8/2001
59,959	2/8/2001	Defective Cable Pair	2/9/2001
60,018	2/8/2001	Defective Cable Pair	2/12/2001
60,090	2/9/2001	Defective Cable Pair	2/9/2001
60,154	2/9/2001	Defective Cable Pair	2/9/2001
60,164	2/9/2001	Defective Cable Pair	2/15/2001
60,168	2/9/2001	Defective Cable Pair	2/13/2001
60,208	2/9/2001	Defective Cable Pair	2/13/2001
60,274	2/9/2001	Defective Cable Pair	2/12/2001
60,472	2/9/2001	Defective Cable Pair	2/12/2001
60,495	2/9/2001	Defective Cable Pair	2/12/2001
60,550	2/10/2001	Defective Cable Pair	2/12/2001
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60,767	2/12/2001	Defective Cable Pair	2/12/2001
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60,817	2/12/2001	Defective Cable Pair	2/12/2001
60,818	2/12/2001	Defective Cable Pair	2/13/2001
60,824	2/12/2001	Defective Cable Pair	2/12/2001
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60,906	2/12/2001	Defective Cable Pair	2/13/2001
60,917	2/12/2001	Defective Cable Pair	2/13/2001
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60,944	2/12/2001	Defective Cable Pair	2/12/2001
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61,270	2/13/2001	Defective Cable Pair	2/14/2001
61,334	2/13/2001	Defective Cable Pair	2/13/2001
61,396	2/13/2001	Defective Cable Pair	2/13/2001
61,526	2/14/2001	Defective Cable Pair	2/16/2001
61,550	2/14/2001	Defective Cable Pair	2/14/2001
61,552	2/14/2001	Defective Cable Pair	2/14/2001
61,562	2/14/2001	Defective Cable Pair	2/15/2001
61,613	2/14/2001	Defective Cable Pair	2/14/2001

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63,084	2/21/2001	Defective Cable Pair	2/21/2001
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63,146	2/21/2001	Defective Cable Pair	2/21/2001
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64,289	2/26/2001	Defective Cable Pair	2/28/2001

64,399	2/26/2001	Defective Cable Pair	2/27/2001
64,417	2/26/2001	Defective Cable Pair	2/27/2001
64,428	2/26/2001	Defective Cable Pair	2/28/2001
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64,754	2/27/2001	Defective Cable Pair	2/27/2001
64,778	2/27/2001	Defective Cable Pair	3/1/2001
64,889	2/27/2001	Defective Cable Pair	2/28/2001
64,971	2/28/2001	Defective Cable Pair	2/28/2001
65,056	2/27/2001	Defective Cable Pair	3/1/2001
65,203	2/28/2001	Defective Cable Pair	2/28/2001
65,266	2/28/2001	Defective Cable Pair	2/28/2001
65,356	2/28/2001	Defective Cable Pair	3/1/2001
65,444	2/28/2001	Defective Cable Pair	3/1/2001
65,710	3/1/2001	Defective Cable Pair	3/2/2001
65,747	3/1/2001	Defective Cable Pair	3/5/2001
65,827	3/1/2001	Defective Cable Pair	3/2/2001
65,878	3/1/2001	Defective Cable Pair	3/5/2001
65,881	3/1/2001	Defective Cable Pair	3/1/2001
65,899	3/1/2001	Defective Cable Pair	3/2/2001
65,916	3/1/2001	Defective Cable Pair	3/3/2001
65,917	3/1/2001	Defective Cable Pair	3/5/2001
66,046	3/2/2001	Defective Cable Pair	3/5/2001
66,054	3/2/2001	Defective Cable Pair	3/5/2001
66,100	3/2/2001	Defective Cable Pair	3/2/2001
66,108	3/2/2001	Defective Cable Pair	3/7/2001
66,138	3/2/2001	Defective Cable Pair	3/7/2001
66,146	3/2/2001	Defective Cable Pair	3/2/2001
66,207	3/2/2001	Defective Cable Pair	3/5/2001
66,211	3/2/2001	Defective Cable Pair	3/6/2001
66,313	3/2/2001	Defective Cable Pair	3/3/2001
66,331	3/3/2001	Defective Cable Pair	3/5/2001
66,369	3/5/2001	Defective Cable Pair	3/6/2001
66,398	3/5/2001	Defective Cable Pair	3/7/2001
66,480	3/5/2001	Defective Cable Pair	3/7/2001
66,514	3/5/2001	Defective Cable Pair	3/6/2001
66,526	3/5/2001	Defective Cable Pair	3/5/2001
66,696	3/6/2001	Defective Cable Pair	3/6/2001
66,703	3/6/2001	Defective Cable Pair	3/8/2001
66,716	3/6/2001	Defective Cable Pair	3/6/2001
66,722	3/6/2001	Defective Cable Pair	3/6/2001
66,866	3/6/2001	Defective Cable Pair	3/7/2001
67,067	3/7/2001	Defective Cable Pair	3/7/2001
67,128	3/7/2001	Defective Cable Pair	3/9/2001
67,182	3/7/2001	Defective Cable Pair	3/8/2001
67,271	3/7/2001	Defective Cable Pair	3/8/2001
67,292	3/7/2001	Defective Cable Pair	3/8/2001
67,370	3/7/2001	Defective Cable Pair	3/8/2001
67,398	3/8/2001	Defective Cable Pair	3/9/2001
67,471	3/8/2001	Defective Cable Pair	3/13/2001

67,475	3/8/2001	Defective Cable Pair	3/8/2001
67,566	3/8/2001	Defective Cable Pair	3/9/2001
67,593	3/8/2001	Defective Cable Pair	3/9/2001
67,632	3/8/2001	Defective Cable Pair	3/9/2001
67,782	3/9/2001	Defective Cable Pair	3/13/2001
67,850	3/9/2001	Defective Cable Pair	3/13/2001
67,907	3/9/2001	Defective Cable Pair	3/13/2001
68,054	3/9/2001	Defective Cable Pair	3/12/2001
68,073	3/9/2001	Defective Cable Pair	3/12/2001
68,120	3/11/2001	Defective Cable Pair	3/12/2001
68,217	3/12/2001	Defective Cable Pair	3/13/2001
68,245	3/12/2001	Defective Cable Pair	3/13/2001
68,294	3/12/2001	Defective Cable Pair	3/14/2001
68,327	3/12/2001	Defective Cable Pair	3/12/2001
68,364	3/12/2001	Defective Cable Pair	3/13/2001
68,374	3/12/2001	Defective Cable Pair	3/13/2001
68,569	3/13/2001	Defective Cable Pair	3/13/2001
68,572	3/13/2001	Defective Cable Pair	3/21/2001
68,606	3/13/2001	Defective Cable Pair	3/14/2001
68,680	3/13/2001	Defective Cable Pair	3/14/2001
68,800	3/13/2001	Defective Cable Pair	3/14/2001
68,808	3/13/2001	Defective Cable Pair	3/14/2001
68,982	3/14/2001	Defective Cable Pair	3/15/2001
69,014	3/14/2001	Defective Cable Pair	3/22/2001
69,033	3/14/2001	Defective Cable Pair	3/20/2001
69,061	3/14/2001	Defective Cable Pair	3/19/2001
69,080	3/14/2001	Defective Cable Pair	3/22/2001
69,123	3/14/2001	Defective Cable Pair	3/15/2001
69,143	3/14/2001	Defective Cable Pair	3/15/2001
69,153	3/14/2001	Defective Cable Pair	3/15/2001
69,401	3/15/2001	Defective Cable Pair	3/16/2001
69,459	3/15/2001	Defective Cable Pair	3/20/2001
69,718	3/16/2001	Defective Cable Pair	3/19/2001
69,740	3/16/2001	Defective Cable Pair	3/19/2001
69,860	3/16/2001	Defective Cable Pair	3/19/2001
69,897	3/17/2001	Defective Cable Pair	3/19/2001
69,923	3/17/2001	Defective Cable Pair	3/19/2001
69,986	3/19/2001	Defective Cable Pair	3/21/2001
70,004	3/19/2001	Defective Cable Pair	3/23/2001
70,025	3/19/2001	Defective Cable Pair	3/20/2001
70,026	3/19/2001	Defective Cable Pair	3/20/2001
70,038	3/19/2001	Defective Cable Pair	3/20/2001
70,073	3/19/2001	Defective Cable Pair	3/20/2001
70,074	3/19/2001	Defective Cable Pair	3/20/2001
70,096	3/19/2001	Defective Cable Pair	3/19/2001
70,111	3/19/2001	Defective Cable Pair	3/21/2001
70,190	3/19/2001	Defective Cable Pair	3/21/2001
70,197	3/19/2001	Defective Cable Pair	3/20/2001
70,270	3/19/2001	Defective Cable Pair	3/20/2001
70,283	3/20/2001	Defective Cable Pair	3/20/2001
70,495	3/20/2001	Defective Cable Pair	3/22/2001
70,498	3/20/2001	Defective Cable Pair	3/21/2001
70,517	3/20/2001	Defective Cable Pair	3/22/2001
70,802	3/21/2001	Defective Cable Pair	3/21/2001

71,123	3/22/2001	Defective Cable Pair	4/2/2001
71,308	3/22/2001	Defective Cable Pair	3/28/2001
71,459	3/23/2001	Defective Cable Pair	3/26/2001
71,699	3/23/2001	Defective Cable Pair	3/27/2001
71,706	3/24/2001	Defective Cable Pair	3/28/2001
71,734	3/24/2001	Defective Cable Pair	3/26/2001
71,736	3/24/2001	Defective Cable Pair	3/27/2001
71,751	3/26/2001	Defective Cable Pair	3/26/2001
71,857	3/26/2001	Defective Cable Pair	3/26/2001
71,895	3/26/2001	Defective Cable Pair	3/27/2001
71,897	3/26/2001	Defective Cable Pair	3/27/2001
71,932	3/26/2001	Defective Cable Pair	3/27/2001
72,115	3/26/2001	Defective Cable Pair	3/27/2001
72,148	3/27/2001	Defective Cable Pair	3/28/2001
72,182	3/27/2001	Defective Cable Pair	3/27/2001
72,188	3/27/2001	Defective Cable Pair	3/28/2001
72,418	3/27/2001	Defective Cable Pair	3/29/2001
72,569	3/27/2001	Defective Cable Pair	3/28/2001
72,581	3/27/2001	Defective Cable Pair	3/29/2001
72,612	3/28/2001	Defective Cable Pair	3/28/2001
72,685	3/28/2001	Defective Cable Pair	3/28/2001
72,698	3/28/2001	Defective Cable Pair	4/4/2001
72,750	3/28/2001	Defective Cable Pair	3/29/2001
72,824	3/28/2001	Defective Cable Pair	3/29/2001
72,887	3/28/2001	Defective Cable Pair	3/29/2001
72,995	3/28/2001	Defective Cable Pair	3/30/2001
73,012	3/28/2001	Defective Cable Pair	3/30/2001
73,016	3/28/2001	Defective Cable Pair	3/30/2001
73,065	3/29/2001	Defective Cable Pair	3/30/2001
73,172	3/29/2001	Defective Cable Pair	3/30/2001
73,195	3/29/2001	Defective Cable Pair	3/29/2001
73,278	3/29/2001	Defective Cable Pair	3/30/2001
73,279	3/29/2001	Defective Cable Pair	3/30/2001
73,364	3/29/2001	Defective Cable Pair	3/30/2001
73,534	3/30/2001	Defective Cable Pair	4/2/2001
73,635	3/30/2001	Defective Cable Pair	4/2/2001
73,644	3/30/2001	Defective Cable Pair	4/3/2001
73,649	3/30/2001	Defective Cable Pair	4/2/2001
73,664	3/30/2001	Defective Cable Pair	3/30/2001
73,829	3/30/2001	Defective Cable Pair	4/2/2001
73,833	3/30/2001	Defective Cable Pair	4/2/2001
73,896	4/2/2001	Defective Cable Pair	4/3/2001
73,902	4/2/2001	Defective Cable Pair	4/3/2001
73,921	4/2/2001	Defective Cable Pair	4/3/2001
73,991	4/2/2001	Defective Cable Pair	4/2/2001
74,067	4/2/2001	Defective Cable Pair	4/3/2001
74,082	4/2/2001	Defective Cable Pair	4/3/2001
74,148	4/2/2001	Defective Cable Pair	4/3/2001
74,199	4/3/2001	Defective Cable Pair	4/3/2001
74,278	4/3/2001	Defective Cable Pair	4/4/2001
74,296	4/3/2001	Defective Cable Pair	4/4/2001
74,304	4/3/2001	Defective Cable Pair	4/4/2001
74,305	4/3/2001	Defective Cable Pair	4/3/2001
74,488	4/4/2001	Defective Cable Pair	4/5/2001

74,564	4/4/2001	Defective Cable Pair	4/5/2001
74,568	4/4/2001	Defective Cable Pair	4/4/2001
74,584	4/4/2001	Defective Cable Pair	4/5/2001
74,628	4/4/2001	Defective Cable Pair	4/5/2001
74,633	4/4/2001	Defective Cable Pair	4/5/2001
74,645	4/4/2001	Defective Cable Pair	4/5/2001
74,670	4/4/2001	Defective Cable Pair	4/5/2001
74,679	4/4/2001	Defective Cable Pair	4/5/2001
74,682	4/4/2001	Defective Cable Pair	4/5/2001
74,687	4/4/2001	Defective Cable Pair	4/5/2001
74,848	4/5/2001	Defective Cable Pair	4/9/2001
74,990	4/5/2001	Defective Cable Pair	4/6/2001
75,123	4/5/2001	Defective Cable Pair	4/9/2001
75,335	4/6/2001	Defective Cable Pair	4/9/2001
75,339	4/6/2001	Defective Cable Pair	4/9/2001
75,344	4/6/2001	Defective Cable Pair	4/12/2001
75,358	4/6/2001	Defective Cable Pair	4/10/2001
75,394	4/6/2001	Defective Cable Pair	4/10/2001
75,402	4/6/2001	Defective Cable Pair	4/9/2001
75,480	4/7/2001	Defective Cable Pair	4/9/2001
75,562	4/9/2001	Defective Cable Pair	4/12/2001
75,864	4/10/2001	Defective Cable Pair	4/11/2001
76,070	4/10/2001	Defective Cable Pair	4/11/2001
76,135	4/11/2001	Defective Cable Pair	4/11/2001
76,173	4/11/2001	Defective Cable Pair	4/11/2001
76,300	4/11/2001	Defective Cable Pair	4/12/2001
76,395	4/12/2001	Defective Cable Pair	4/17/2001
76,549	4/12/2001	Defective Cable Pair	4/13/2001
76,647	4/13/2001	Defective Cable Pair	4/17/2001
76,670	4/13/2001	Defective Cable Pair	4/16/2001
76,676	4/13/2001	Defective Cable Pair	4/16/2001
76,685	4/14/2001	Defective Cable Pair	4/17/2001
76,734	4/16/2001	Defective Cable Pair	4/16/2001
76,737	4/16/2001	Defective Cable Pair	4/16/2001
76,739	4/16/2001	Defective Cable Pair	4/17/2001
76,801	4/16/2001	Defective Cable Pair	4/18/2001
76,803	4/16/2001	Defective Cable Pair	4/17/2001
76,806	4/16/2001	Defective Cable Pair	4/17/2001
76,812	4/16/2001	Defective Cable Pair	4/20/2001
76,826	4/16/2001	Defective Cable Pair	4/17/2001
76,849	4/16/2001	Defective Cable Pair	4/17/2001
76,858	4/16/2001	Defective Cable Pair	4/17/2001
77,018	4/17/2001	Defective Cable Pair	4/19/2001
77,073	4/17/2001	Defective Cable Pair	4/17/2001
77,129	4/17/2001	Defective Cable Pair	4/18/2001
77,133	4/17/2001	Defective Cable Pair	4/20/2001
77,159	4/17/2001	Defective Cable Pair	4/20/2001
77,359	4/18/2001	Defective Cable Pair	4/20/2001
77,371	4/18/2001	Defective Cable Pair	4/23/2001
77,380	4/18/2001	Defective Cable Pair	4/19/2001
77,392	4/18/2001	Defective Cable Pair	4/19/2001
77,531	4/18/2001	Defective Cable Pair	4/19/2001
77,569	4/19/2001	Defective Cable Pair	4/19/2001
77,626	4/19/2001	Defective Cable Pair	4/19/2001

77,638	4/19/2001	Defective Cable Pair	4/19/2001
77,644	4/19/2001	Defective Cable Pair	4/23/2001
77,656	4/19/2001	Defective Cable Pair	4/20/2001
77,795	4/19/2001	Defective Cable Pair	4/23/2001
78,001	4/20/2001	Defective Cable Pair	4/23/2001
78,010	4/20/2001	Defective Cable Pair	4/27/2001
78,064	4/20/2001	Defective Cable Pair	4/23/2001
78,082	4/20/2001	Defective Cable Pair	4/23/2001
78,149	4/21/2001	Defective Cable Pair	4/21/2001
78,176	4/23/2001	Defective Cable Pair	4/24/2001
78,196	4/23/2001	Defective Cable Pair	4/24/2001
78,307	4/23/2001	Defective Cable Pair	4/24/2001
78,352	4/23/2001	Defective Cable Pair	4/24/2001
78,383	4/23/2001	Defective Cable Pair	4/24/2001
78,457	4/23/2001	Defective Cable Pair	4/24/2001
78,537	4/24/2001	Defective Cable Pair	4/25/2001
78,666	4/24/2001	Defective Cable Pair	4/24/2001
78,671	4/24/2001	Defective Cable Pair	4/24/2001
78,694	4/24/2001	Defective Cable Pair	4/25/2001
78,703	4/24/2001	Defective Cable Pair	4/25/2001
78,743	4/24/2001	Defective Cable Pair	4/26/2001
78,868	4/25/2001	Defective Cable Pair	4/25/2001
78,874	4/25/2001	Defective Cable Pair	4/26/2001
78,929	4/30/2001	Defective Cable Pair	5/1/2001
79,020	4/25/2001	Defective Cable Pair	4/26/2001
79,026	4/25/2001	Defective Cable Pair	4/26/2001
79,098	4/25/2001	Defective Cable Pair	4/30/2001
79,179	4/25/2001	Defective Cable Pair	4/26/2001
79,212	4/26/2001	Defective Cable Pair	4/26/2001
79,297	4/26/2001	Defective Cable Pair	5/7/2001
79,341	4/26/2001	Defective Cable Pair	4/27/2001
79,357	4/26/2001	Defective Cable Pair	4/27/2001
79,363	4/26/2001	Defective Cable Pair	4/27/2001
79,365	4/26/2001	Defective Cable Pair	4/27/2001
79,664	4/27/2001	Defective Cable Pair	4/30/2001
79,689	4/27/2001	Defective Cable Pair	4/30/2001
79,882	4/28/2001	Defective Cable Pair	5/1/2001
80,025	4/30/2001	Defective Cable Pair	5/1/2001
80,026	4/30/2001	Defective Cable Pair	4/30/2001
80,033	4/30/2001	Defective Cable Pair	4/30/2001
80,294	4/30/2001	Defective Cable Pair	5/1/2001
80,530	5/1/2001	Defective Cable Pair	5/2/2001
80,597	5/1/2001	Defective Cable Pair	5/1/2001
80,703	5/2/2001	Defective Cable Pair	5/2/2001
80,704	5/2/2001	Defective Cable Pair	5/2/2001
80,710	5/2/2001	Defective Cable Pair	5/2/2001
80,807	5/2/2001	Defective Cable Pair	5/3/2001
81,092	5/3/2001	Defective Cable Pair	5/4/2001
81,274	5/4/2001	Defective Cable Pair	5/7/2001
81,330	5/4/2001	Defective Cable Pair	5/8/2001
81,371	5/4/2001	Defective Cable Pair	5/7/2001
81,414	5/4/2001	Defective Cable Pair	5/7/2001
81,433	5/4/2001	Defective Cable Pair	5/7/2001
81,588	5/7/2001	Defective Cable Pair	5/9/2001

81,590	5/7/2001	Defective Cable Pair	5/8/2001
81,657	5/7/2001	Defective Cable Pair	5/7/2001
81,812	5/7/2001	Defective Cable Pair	5/14/2001
81,862	5/8/2001	Defective Cable Pair	5/8/2001
81,880	5/8/2001	Defective Cable Pair	5/8/2001
81,886	5/8/2001	Defective Cable Pair	5/9/2001
81,914	5/8/2001	Defective Cable Pair	5/8/2001
81,975	5/8/2001	Defective Cable Pair	5/9/2001
82,001	5/8/2001	Defective Cable Pair	5/9/2001
82,229	5/9/2001	Defective Cable Pair	5/10/2001
82,233	5/9/2001	Defective Cable Pair	5/14/2001
82,235	5/9/2001	Defective Cable Pair	5/15/2001
82,244	5/9/2001	Defective Cable Pair	5/15/2001
82,249	5/9/2001	Defective Cable Pair	5/9/2001
82,255	5/9/2001	Defective Cable Pair	5/14/2001
82,270	5/9/2001	Defective Cable Pair	5/14/2001
82,275	5/9/2001	Defective Cable Pair	5/15/2001
82,285	5/9/2001	Defective Cable Pair	5/14/2001
82,292	5/9/2001	Defective Cable Pair	5/15/2001
82,301	5/9/2001	Defective Cable Pair	5/11/2001
82,342	5/9/2001	Defective Cable Pair	5/11/2001
82,428	5/9/2001	Defective Cable Pair	5/10/2001
82,449	5/10/2001	Defective Cable Pair	5/15/2001
82,450	5/10/2001	Defective Cable Pair	5/11/2001
82,453	5/10/2001	Defective Cable Pair	5/10/2001
82,568	5/10/2001	Defective Cable Pair	5/11/2001
82,609	5/10/2001	Defective Cable Pair	5/11/2001
82,618	5/10/2001	Defective Cable Pair	5/11/2001
82,653	5/10/2001	Defective Cable Pair	5/11/2001
82,738	5/10/2001	Defective Cable Pair	5/14/2001
82,794	5/11/2001	Defective Cable Pair	5/11/2001
82,908	5/11/2001	Defective Cable Pair	5/11/2001
82,940	5/11/2001	Defective Cable Pair	5/17/2001
82,954	5/11/2001	Defective Cable Pair	5/15/2001
82,976	5/11/2001	Defective Cable Pair	5/14/2001
83,088	5/13/2001	Defective Cable Pair	5/15/2001
83,173	5/14/2001	Defective Cable Pair	5/15/2001
83,224	5/14/2001	Defective Cable Pair	5/15/2001
83,230	5/14/2001	Defective Cable Pair	5/15/2001
83,237	5/14/2001	Defective Cable Pair	5/15/2001
83,267	5/14/2001	Defective Cable Pair	5/15/2001
83,331	5/14/2001	Defective Cable Pair	5/16/2001
83,386	5/14/2001	Defective Cable Pair	5/15/2001
83,439	5/15/2001	Defective Cable Pair	5/15/2001
83,454	5/15/2001	Defective Cable Pair	5/16/2001
83,466	5/15/2001	Defective Cable Pair	5/15/2001
83,471	5/15/2001	Defective Cable Pair	5/15/2001
83,495	5/15/2001	Defective Cable Pair	5/15/2001
83,509	5/15/2001	Defective Cable Pair	5/15/2001
83,532	5/15/2001	Defective Cable Pair	5/15/2001
83,544	5/15/2001	Defective Cable Pair	5/15/2001
83,566	5/15/2001	Defective Cable Pair	5/15/2001
83,587	5/15/2001	Defective Cable Pair	5/15/2001
83,617	5/15/2001	Defective Cable Pair	5/16/2001

83,792	5/16/2001	Defective Cable Pair	5/17/2001
83,961	5/16/2001	Defective Cable Pair	5/17/2001
84,012	5/16/2001	Defective Cable Pair	5/17/2001
84,131	5/17/2001	Defective Cable Pair	5/17/2001
84,136	5/17/2001	Defective Cable Pair	5/18/2001
84,138	5/17/2001	Defective Cable Pair	5/17/2001
84,146	5/17/2001	Defective Cable Pair	5/18/2001
84,148	5/17/2001	Defective Cable Pair	5/18/2001
84,227	5/17/2001	Defective Cable Pair	5/17/2001
84,264	5/17/2001	Defective Cable Pair	5/17/2001
84,428	5/17/2001	Defective Cable Pair	5/18/2001
84,494	5/18/2001	Defective Cable Pair	5/18/2001
84,600	5/18/2001	Defective Cable Pair	5/22/2001
84,646	5/18/2001	Defective Cable Pair	5/21/2001
84,747	5/18/2001	Defective Cable Pair	5/24/2001
84,806	5/21/2001	Defective Cable Pair	5/21/2001
84,810	5/21/2001	Defective Cable Pair	5/22/2001
84,981	5/21/2001	Defective Cable Pair	5/23/2001
85,021	5/21/2001	Defective Cable Pair	5/24/2001
85,030	5/21/2001	Defective Cable Pair	5/22/2001
85,089	5/21/2001	Defective Cable Pair	5/22/2001
85,094	5/21/2001	Defective Cable Pair	5/22/2001
85,154	5/21/2001	Defective Cable Pair	5/22/2001
85,170	5/21/2001	Defective Cable Pair	5/22/2001
85,172	5/21/2001	Defective Cable Pair	5/22/2001
85,188	5/22/2001	Defective Cable Pair	5/30/2001
85,204	5/22/2001	Defective Cable Pair	5/23/2001
85,206	5/22/2001	Defective Cable Pair	5/22/2001
85,236	5/22/2001	Defective Cable Pair	5/22/2001
85,270	5/22/2001	Defective Cable Pair	5/22/2001
85,324	5/22/2001	Defective Cable Pair	5/23/2001
85,413	5/22/2001	Defective Cable Pair	5/23/2001
85,565	5/23/2001	Defective Cable Pair	5/24/2001
85,626	5/23/2001	Defective Cable Pair	5/23/2001
85,628	5/23/2001	Defective Cable Pair	5/29/2001
85,644	5/23/2001	Defective Cable Pair	5/23/2001
85,653	5/23/2001	Defective Cable Pair	5/24/2001
85,665	5/23/2001	Defective Cable Pair	5/24/2001
85,716	5/23/2001	Defective Cable Pair	5/24/2001
85,729	5/23/2001	Defective Cable Pair	5/24/2001
85,831	5/24/2001	Defective Cable Pair	5/25/2001
85,918	5/24/2001	Defective Cable Pair	5/25/2001
86,016	5/24/2001	Defective Cable Pair	5/25/2001
86,133	5/25/2001	Defective Cable Pair	5/25/2001
86,190	5/25/2001	Defective Cable Pair	5/29/2001
86,199	5/25/2001	Defective Cable Pair	5/29/2001
86,246	5/25/2001	Defective Cable Pair	5/29/2001
86,323	5/26/2001	Defective Cable Pair	5/30/2001
86,330	5/26/2001	Defective Cable Pair	5/29/2001
86,361	5/29/2001	Defective Cable Pair	5/31/2001
86,459	5/29/2001	Defective Cable Pair	5/30/2001
86,510	5/29/2001	Defective Cable Pair	5/30/2001
86,523	5/29/2001	Defective Cable Pair	6/4/2001
86,568	5/29/2001	Defective Cable Pair	5/30/2001

86,639	5/29/2001	Defective Cable Pair	5/30/2001
86,666	5/29/2001	Defective Cable Pair	5/30/2001
86,694	5/29/2001	Defective Cable Pair	5/30/2001
86,697	5/29/2001	Defective Cable Pair	5/31/2001
86,724	5/29/2001	Defective Cable Pair	5/30/2001
86,738	5/29/2001	Defective Cable Pair	5/31/2001
86,743	5/29/2001	Defective Cable Pair	5/30/2001
86,762	5/30/2001	Defective Cable Pair	5/30/2001
86,767	5/30/2001	Defective Cable Pair	5/30/2001
86,776	5/30/2001	Defective Cable Pair	6/2/2001
86,783	5/30/2001	Defective Cable Pair	5/30/2001
86,839	5/30/2001	Defective Cable Pair	5/31/2001
86,971	5/30/2001	Defective Cable Pair	5/31/2001
87,255	5/31/2001	Defective Cable Pair	6/1/2001
87,470	5/31/2001	Defective Cable Pair	6/1/2001
87,555	5/31/2001	Defective Cable Pair	6/1/2001
87,649	6/1/2001	Defective Cable Pair	6/4/2001
87,732	6/1/2001	Defective Cable Pair	6/4/2001
87,734	6/1/2001	Defective Cable Pair	6/1/2001
87,793	6/1/2001	Defective Cable Pair	6/4/2001
87,803	6/1/2001	Defective Cable Pair	6/1/2001
87,895	6/1/2001	Defective Cable Pair	6/5/2001
87,900	6/1/2001	Defective Cable Pair	6/4/2001
87,911	6/1/2001	Defective Cable Pair	6/5/2001
87,998	6/2/2001	Defective Cable Pair	6/4/2001
88,008	6/3/2001	Defective Cable Pair	6/4/2001
88,058	6/4/2001	Defective Cable Pair	6/5/2001
88,292	6/4/2001	Defective Cable Pair	6/5/2001
88,323	6/4/2001	Defective Cable Pair	6/5/2001
88,415	6/4/2001	Defective Cable Pair	6/5/2001
88,549	6/5/2001	Defective Cable Pair	6/6/2001
88,579	6/5/2001	Defective Cable Pair	6/5/2001
88,629	6/5/2001	Defective Cable Pair	6/5/2001
88,713	6/5/2001	Defective Cable Pair	6/6/2001
88,793	6/5/2001	Defective Cable Pair	6/6/2001
DMS - No Dialtone			
83,168	5/14/2001	DMS	5/14/2001
Human Error - No Dialtone			
63,854	2/23/2001	Human Error	2/26/2001
65,496	2/28/2001	Human Error	3/1/2001
66,053	3/2/2001	Human Error	3/2/2001
70,088	3/19/2001	Human Error	3/19/2001
73,367	3/29/2001	Human Error	3/30/2001
77,347	4/18/2001	Human Error	5/15/2001
86,896	5/30/2001	Human Error	6/1/2001
Line Card - No Dialtone			
61,919	2/15/2001	Line Card	2/16/2001
63,188	2/21/2001	Line Card	2/21/2001

65,100	2/28/2001	Line Card	2/28/2001
66,040	3/2/2001	Line Card	3/2/2001
66,325	3/3/2001	Line Card	3/5/2001
68,233	3/12/2001	Line Card	3/13/2001
68,242	3/12/2001	Line Card	3/13/2001
68,622	3/13/2001	Line Card	3/14/2001
68,822	3/13/2001	Line Card	3/14/2001
70,105	3/19/2001	Line Card	3/20/2001
72,222	3/27/2001	Line Card	3/27/2001
75,136	4/5/2001	Line Card	4/6/2001
77,132	4/17/2001	Line Card	4/23/2001
79,208	4/26/2001	Line Card	4/26/2001
79,884	4/28/2001	Line Card	5/1/2001
80,425	5/1/2001	Line Card	5/1/2001
80,757	5/2/2001	Line Card	5/2/2001
85,556	5/23/2001	Line Card	5/24/2001
88,002	6/2/2001	Line Card	6/4/2001
88,657	6/5/2001	Line Card	6/6/2001

Needs Work Ticket - No Dialtone

71,844	3/26/2001	Needs Work Ticket	3/26/2001
82,513	5/10/2001	Needs Work Ticket	5/10/2001

No Trouble Found - No Dialtone

55,626	1/25/2001	No Trouble Found	1/25/2001
56,748	1/30/2001	No Trouble Found	1/31/2001
57,332	1/31/2001	No Trouble Found	2/1/2001
58,016	2/2/2001	No Trouble Found	2/6/2001
58,277	2/3/2001	No Trouble Found	2/3/2001
59,005	2/6/2001	No Trouble Found	2/6/2001
59,104	2/6/2001	No Trouble Found	2/6/2001
59,787	2/8/2001	No Trouble Found	2/8/2001
60,748	2/12/2001	No Trouble Found	2/13/2001
61,268	2/13/2001	No Trouble Found	2/13/2001
61,560	2/14/2001	No Trouble Found	2/15/2001
61,855	2/15/2001	No Trouble Found	2/15/2001
61,877	2/15/2001	No Trouble Found	2/15/2001
62,146	2/16/2001	No Trouble Found	2/19/2001
62,510	2/19/2001	No Trouble Found	2/20/2001
63,417	2/21/2001	No Trouble Found	2/22/2001
64,150	2/23/2001	No Trouble Found	2/24/2001
64,166	2/24/2001	No Trouble Found	3/1/2001
65,733	3/1/2001	No Trouble Found	3/1/2001
65,791	3/1/2001	No Trouble Found	3/1/2001
66,145	3/2/2001	No Trouble Found	3/8/2001
66,366	3/5/2001	No Trouble Found	3/6/2001
66,502	3/5/2001	No Trouble Found	3/6/2001
66,516	3/5/2001	No Trouble Found	3/5/2001
66,820	3/6/2001	No Trouble Found	3/7/2001
67,165	3/7/2001	No Trouble Found	3/8/2001
67,519	3/8/2001	No Trouble Found	3/8/2001
68,265	3/12/2001	No Trouble Found	3/12/2001

68,619	3/13/2001	No Trouble Found	3/13/2001
68,627	3/13/2001	No Trouble Found	3/14/2001
69,012	3/14/2001	No Trouble Found	3/22/2001
69,059	3/14/2001	No Trouble Found	3/14/2001
70,748	3/21/2001	No Trouble Found	3/23/2001
70,750	3/21/2001	No Trouble Found	3/22/2001
71,108	3/22/2001	No Trouble Found	3/23/2001
71,496	3/23/2001	No Trouble Found	3/26/2001
71,498	3/23/2001	No Trouble Found	3/23/2001
71,504	3/23/2001	No Trouble Found	3/26/2001
71,820	3/26/2001	No Trouble Found	3/27/2001
71,859	3/26/2001	No Trouble Found	3/27/2001
71,870	3/26/2001	No Trouble Found	3/27/2001
72,390	3/27/2001	No Trouble Found	3/27/2001
72,825	3/28/2001	No Trouble Found	3/29/2001
73,097	3/29/2001	No Trouble Found	3/29/2001
73,571	3/30/2001	No Trouble Found	3/30/2001
74,040	4/2/2001	No Trouble Found	4/3/2001
75,008	4/5/2001	No Trouble Found	4/6/2001
75,300	4/6/2001	No Trouble Found	4/6/2001
76,178	4/11/2001	No Trouble Found	4/11/2001
76,204	4/11/2001	No Trouble Found	4/12/2001
76,518	4/12/2001	No Trouble Found	4/14/2001
76,639	4/13/2001	No Trouble Found	4/13/2001
76,669	4/13/2001	No Trouble Found	4/16/2001
76,804	4/16/2001	No Trouble Found	4/16/2001
78,045	4/20/2001	No Trouble Found	4/24/2001
79,207	4/26/2001	No Trouble Found	5/1/2001
79,213	4/26/2001	No Trouble Found	4/26/2001
79,950	4/30/2001	No Trouble Found	4/30/2001
81,098	5/3/2001	No Trouble Found	5/3/2001
81,361	5/4/2001	No Trouble Found	5/7/2001
82,935	5/11/2001	No Trouble Found	5/14/2001
83,121	5/14/2001	No Trouble Found	5/14/2001
83,198	5/14/2001	No Trouble Found	5/14/2001
83,231	5/14/2001	No Trouble Found	5/15/2001
83,652	5/15/2001	No Trouble Found	5/16/2001
83,976	5/16/2001	No Trouble Found	5/17/2001
84,000	5/16/2001	No Trouble Found	5/17/2001
85,242	5/22/2001	No Trouble Found	5/22/2001
85,294	5/22/2001	No Trouble Found	5/22/2001
85,583	5/23/2001	No Trouble Found	5/24/2001
85,697	5/23/2001	No Trouble Found	5/24/2001
85,965	5/24/2001	No Trouble Found	5/25/2001
86,575	5/29/2001	No Trouble Found	5/29/2001
87,184	5/31/2001	No Trouble Found	5/31/2001
87,694	6/1/2001	No Trouble Found	6/1/2001
87,714	6/1/2001	No Trouble Found	6/1/2001
87,873	6/1/2001	No Trouble Found	6/5/2001
88,019	6/4/2001	No Trouble Found	6/4/2001
88,564	6/5/2001	No Trouble Found	6/6/2001
Translations - No Dialtone			
55,470	1/25/2001	Translations	1/29/2001

56,512	1/29/2001	Translations	1/29/2001
57,943	2/1/2001	Translations	2/2/2001
61,979	2/15/2001	Translations	2/16/2001
61,992	2/15/2001	Translations	2/16/2001
65,859	3/1/2001	Translations	3/1/2001
66,109	3/2/2001	Translations	3/2/2001
66,469	3/5/2001	Translations	3/14/2001
75,016	4/5/2001	Translations	4/10/2001
79,636	4/27/2001	Translations	4/27/2001
80,607	5/1/2001	Translations	5/2/2001
81,761	5/7/2001	Translations	5/10/2001
82,198	5/9/2001	Translations	5/14/2001
82,565	5/10/2001	Translations	5/14/2001
83,897	5/16/2001	Translations	5/17/2001
86,558	5/29/2001	Translations	5/30/2001
87,390	5/31/2001	Translations	6/1/2001
87,754	6/1/2001	Translations	6/1/2001

Transmission - No Dialtone

54,696	1/23/2001	Transmission	1/24/2001
63,590	2/22/2001	Transmission	2/22/2001
66,069	3/2/2001	Transmission	3/2/2001
66,704	3/6/2001	Transmission	3/6/2001
66,764	3/6/2001	Transmission	3/6/2001
74,680	4/4/2001	Transmission	4/5/2001
74,698	4/4/2001	Transmission	4/5/2001
75,067	4/5/2001	Transmission	4/6/2001
75,576	4/9/2001	Transmission	4/10/2001

Transport Equipment - No Dialtone

54,013	1/19/2001	Transport Equipment	1/19/2001
54,663	1/23/2001	Transport Equipment	1/23/2001
55,607	1/25/2001	Transport Equipment	1/25/2001
55,707	1/25/2001	Transport Equipment	1/26/2001
56,006	1/26/2001	Transport Equipment	1/26/2001
56,296	1/29/2001	Transport Equipment	1/29/2001
56,495	1/29/2001	Transport Equipment	1/29/2001
56,793	1/30/2001	Transport Equipment	1/30/2001
58,523	2/5/2001	Transport Equipment	2/6/2001
58,702	2/5/2001	Transport Equipment	2/6/2001
58,932	2/6/2001	Transport Equipment	2/6/2001
59,524	2/7/2001	Transport Equipment	2/12/2001
60,106	2/9/2001	Transport Equipment	2/9/2001
60,300	2/9/2001	Transport Equipment	2/12/2001
60,427	2/9/2001	Transport Equipment	2/13/2001
60,551	2/10/2001	Transport Equipment	2/12/2001
60,803	2/12/2001	Transport Equipment	2/12/2001
60,820	2/12/2001	Transport Equipment	2/14/2001
62,653	2/20/2001	Transport Equipment	2/20/2001
64,828	2/27/2001	Transport Equipment	2/28/2001

65,817	3/1/2001	Transport Equipment	3/1/2001
66,382	3/5/2001	Transport Equipment	3/5/2001
66,417	3/5/2001	Transport Equipment	3/5/2001
66,467	3/5/2001	Transport Equipment	3/8/2001
67,248	3/7/2001	Transport Equipment	3/7/2001
67,556	3/8/2001	Transport Equipment	3/8/2001
67,575	3/8/2001	Transport Equipment	3/9/2001
69,172	3/14/2001	Transport Equipment	3/15/2001
69,238	3/14/2001	Transport Equipment	3/16/2001
70,966	3/21/2001	Transport Equipment	3/26/2001
73,393	3/29/2001	Transport Equipment	3/30/2001
73,967	4/2/2001	Transport Equipment	4/3/2001
75,252	4/6/2001	Transport Equipment	4/9/2001
75,256	4/6/2001	Transport Equipment	4/6/2001
75,788	4/9/2001	Transport Equipment	4/10/2001
75,996	4/10/2001	Transport Equipment	4/11/2001
76,182	4/11/2001	Transport Equipment	4/11/2001
76,951	4/16/2001	Transport Equipment	4/17/2001
77,780	4/19/2001	Transport Equipment	4/20/2001
78,062	4/20/2001	Transport Equipment	4/20/2001
78,667	4/24/2001	Transport Equipment	4/25/2001
80,927	5/3/2001	Transport Equipment	5/3/2001
81,023	5/3/2001	Transport Equipment	5/3/2001
81,054	5/3/2001	Transport Equipment	5/3/2001
81,448	5/4/2001	Transport Equipment	5/4/2001
81,449	5/4/2001	Transport Equipment	5/4/2001
81,454	5/4/2001	Transport Equipment	5/4/2001
81,455	5/4/2001	Transport Equipment	5/4/2001
81,458	5/4/2001	Transport Equipment	5/4/2001
81,459	5/4/2001	Transport Equipment	5/4/2001
81,460	5/4/2001	Transport Equipment	5/4/2001
81,632	5/7/2001	Transport Equipment	5/8/2001
81,793	5/7/2001	Transport Equipment	5/8/2001
82,204	5/9/2001	Transport Equipment	5/9/2001
82,436	5/10/2001	Transport Equipment	5/10/2001
83,657	5/15/2001	Transport Equipment	5/16/2001
83,868	5/16/2001	Transport Equipment	5/17/2001
84,101	5/17/2001	Transport Equipment	5/17/2001
85,497	5/23/2001	Transport Equipment	5/23/2001
85,499	5/23/2001	Transport Equipment	5/23/2001
85,500	5/23/2001	Transport Equipment	5/23/2001
85,507	5/23/2001	Transport Equipment	5/23/2001
85,510	5/23/2001	Transport Equipment	5/23/2001
85,512	5/23/2001	Transport Equipment	5/23/2001
85,514	5/23/2001	Transport Equipment	5/23/2001
85,520	5/23/2001	Transport Equipment	5/23/2001
85,521	5/23/2001	Transport Equipment	5/23/2001
85,523	5/23/2001	Transport Equipment	5/23/2001
85,526	5/23/2001	Transport Equipment	5/23/2001
85,528	5/23/2001	Transport Equipment	5/23/2001
85,529	5/23/2001	Transport Equipment	5/23/2001
86,107	5/25/2001	Transport Equipment	6/4/2001
86,355	5/28/2001	Transport Equipment	5/29/2001
86,689	5/29/2001	Transport Equipment	5/30/2001

87,155	5/31/2001	Transport Equipment	6/1/2001
87,836	6/1/2001	Transport Equipment	6/4/2001
87,906	6/1/2001	Transport Equipment	6/4/2001
88,024	6/4/2001	Transport Equipment	6/5/2001
88,482	6/4/2001	Transport Equipment	6/5/2001
88,570	6/5/2001	Transport Equipment	6/5/2001
88,801	6/5/2001	Transport Equipment	6/6/2001

Wiring - No Dialtone

54,044	1/19/2001	Wiring	1/19/2001
54,117	1/19/2001	Wiring	1/22/2001
54,128	1/19/2001	Wiring	1/19/2001
54,315	1/22/2001	Wiring	1/24/2001
54,334	1/22/2001	Wiring	1/23/2001
54,433	1/22/2001	Wiring	1/23/2001
54,661	1/23/2001	Wiring	1/26/2001
54,672	1/23/2001	Wiring	1/23/2001
54,765	1/23/2001	Wiring	1/23/2001
54,770	1/23/2001	Wiring	1/24/2001
54,798	1/23/2001	Wiring	1/24/2001
54,839	1/23/2001	Wiring	1/23/2001
54,844	1/23/2001	Wiring	1/24/2001
54,863	1/23/2001	Wiring	1/24/2001
54,922	1/23/2001	Wiring	1/24/2001
54,966	1/23/2001	Wiring	1/24/2001
55,208	1/24/2001	Wiring	1/25/2001
55,598	1/25/2001	Wiring	1/26/2001
55,637	1/25/2001	Wiring	1/25/2001
55,749	1/25/2001	Wiring	1/25/2001
56,003	1/26/2001	Wiring	1/26/2001
56,030	1/26/2001	Wiring	1/29/2001
56,246	1/27/2001	Wiring	1/29/2001
56,384	1/29/2001	Wiring	1/30/2001
56,385	1/29/2001	Wiring	1/31/2001
56,457	1/29/2001	Wiring	1/30/2001
56,497	1/29/2001	Wiring	1/30/2001
56,760	1/30/2001	Wiring	1/31/2001
56,825	1/30/2001	Wiring	1/31/2001
57,258	1/31/2001	Wiring	2/1/2001
57,290	1/31/2001	Wiring	2/1/2001
57,421	1/31/2001	Wiring	2/1/2001
57,764	2/1/2001	Wiring	2/2/2001
57,890	2/1/2001	Wiring	2/2/2001
57,941	2/1/2001	Wiring	2/2/2001
58,160	2/2/2001	Wiring	2/7/2001
58,269	2/2/2001	Wiring	2/7/2001
58,297	2/3/2001	Wiring	2/6/2001
58,557	2/5/2001	Wiring	2/5/2001
58,660	2/5/2001	Wiring	2/6/2001
58,817	2/5/2001	Wiring	2/6/2001
58,883	2/5/2001	Wiring	2/6/2001
58,983	2/6/2001	Wiring	2/6/2001
59,119	2/6/2001	Wiring	2/7/2001

59,147	2/6/2001	Wiring	2/13/2001
59,210	2/6/2001	Wiring	2/7/2001
59,313	2/6/2001	Wiring	2/7/2001
59,434	2/7/2001	Wiring	2/7/2001
59,458	2/7/2001	Wiring	2/7/2001
59,518	2/7/2001	Wiring	2/8/2001
59,605	2/7/2001	Wiring	2/9/2001
59,642	2/7/2001	Wiring	2/9/2001
59,898	2/8/2001	Wiring	2/8/2001
59,918	2/8/2001	Wiring	2/14/2001
60,005	2/8/2001	Wiring	2/14/2001
60,027	2/8/2001	Wiring	2/9/2001
60,036	2/8/2001	Wiring	2/8/2001
60,171	2/9/2001	Wiring	2/9/2001
60,193	2/9/2001	Wiring	2/12/2001
60,218	2/9/2001	Wiring	2/13/2001
60,485	2/9/2001	Wiring	2/9/2001
60,518	2/9/2001	Wiring	2/12/2001
60,674	2/12/2001	Wiring	2/12/2001
60,800	2/12/2001	Wiring	2/13/2001
60,952	2/12/2001	Wiring	2/12/2001
60,962	2/12/2001	Wiring	2/13/2001
61,173	2/13/2001	Wiring	2/13/2001
61,178	2/13/2001	Wiring	2/13/2001
61,333	2/13/2001	Wiring	2/13/2001
61,407	2/13/2001	Wiring	2/14/2001
61,474	2/13/2001	Wiring	2/22/2001
61,532	2/14/2001	Wiring	2/15/2001
61,826	2/15/2001	Wiring	2/15/2001
62,004	2/15/2001	Wiring	2/16/2001
62,035	2/15/2001	Wiring	2/16/2001
62,121	2/16/2001	Wiring	2/16/2001
62,174	2/16/2001	Wiring	2/16/2001
62,449	2/19/2001	Wiring	2/19/2001
62,494	2/19/2001	Wiring	2/19/2001
62,547	2/19/2001	Wiring	2/22/2001
62,561	2/19/2001	Wiring	2/22/2001
62,762	2/20/2001	Wiring	2/20/2001
62,870	2/20/2001	Wiring	2/21/2001
62,924	2/20/2001	Wiring	2/20/2001
63,022	2/20/2001	Wiring	2/21/2001
63,109	2/21/2001	Wiring	2/23/2001
63,289	2/21/2001	Wiring	2/21/2001
63,359	2/21/2001	Wiring	2/23/2001
63,589	2/22/2001	Wiring	2/22/2001
63,600	2/22/2001	Wiring	2/22/2001
63,658	2/22/2001	Wiring	2/22/2001
64,020	2/23/2001	Wiring	2/26/2001
64,077	2/23/2001	Wiring	2/26/2001
64,156	2/23/2001	Wiring	2/26/2001
64,182	2/26/2001	Wiring	2/26/2001
64,345	2/26/2001	Wiring	2/27/2001
64,346	2/26/2001	Wiring	2/26/2001
64,453	2/26/2001	Wiring	2/27/2001

64,739	2/27/2001	Wiring
64,905	2/27/2001	Wiring
64,912	2/27/2001	Wiring
64,946	2/27/2001	Wiring
65,144	2/28/2001	Wiring
65,409	2/28/2001	Wiring
65,411	2/28/2001	Wiring
65,486	2/28/2001	Wiring
65,523	3/1/2001	Wiring
65,738	3/1/2001	Wiring
65,748	3/1/2001	Wiring
65,812	3/1/2001	Wiring
65,841	3/1/2001	Wiring
65,849	3/1/2001	Wiring
65,905	3/1/2001	Wiring
65,926	3/1/2001	Wiring
66,038	3/2/2001	Wiring
66,105	3/2/2001	Wiring
66,114	3/2/2001	Wiring
66,171	3/2/2001	Wiring
66,194	3/2/2001	Wiring
66,318	3/2/2001	Wiring
66,415	3/5/2001	Wiring
66,436	3/5/2001	Wiring
66,447	3/5/2001	Wiring
66,496	3/5/2001	Wiring
66,523	3/5/2001	Wiring
66,621	3/5/2001	Wiring
66,646	3/5/2001	Wiring
66,798	3/6/2001	Wiring
66,799	3/6/2001	Wiring
66,810	3/6/2001	Wiring
66,825	3/6/2001	Wiring
66,939	3/6/2001	Wiring
67,023	3/7/2001	Wiring
67,035	3/7/2001	Wiring
67,098	3/7/2001	Wiring
67,126	3/7/2001	Wiring
67,134	3/7/2001	Wiring
67,160	3/7/2001	Wiring
67,213	3/7/2001	Wiring
67,267	3/7/2001	Wiring
67,276	3/7/2001	Wiring
67,310	3/7/2001	Wiring
67,616	3/8/2001	Wiring
67,732	3/8/2001	Wiring
67,765	3/9/2001	Wiring
67,787	3/9/2001	Wiring
67,791	3/9/2001	Wiring
67,798	3/9/2001	Wiring
67,812	3/9/2001	Wiring
67,826	3/9/2001	Wiring
67,882	3/9/2001	Wiring
68,007	3/9/2001	Wiring

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3/12/2001

68,026	3/9/2001	Wiring	3/12/2001
68,075	3/10/2001	Wiring	3/12/2001
68,161	3/12/2001	Wiring	3/12/2001
68,249	3/12/2001	Wiring	3/12/2001
68,324	3/12/2001	Wiring	3/13/2001
68,424	3/12/2001	Wiring	3/13/2001
68,461	3/12/2001	Wiring	3/13/2001
68,462	3/12/2001	Wiring	3/13/2001
68,483	3/12/2001	Wiring	3/13/2001
68,504	3/12/2001	Wiring	3/14/2001
68,523	3/12/2001	Wiring	3/13/2001
68,544	3/13/2001	Wiring	3/15/2001
68,590	3/13/2001	Wiring	3/13/2001
68,599	3/13/2001	Wiring	3/14/2001
68,664	3/13/2001	Wiring	3/13/2001
68,706	3/13/2001	Wiring	3/14/2001
68,730	3/13/2001	Wiring	3/14/2001
68,743	3/13/2001	Wiring	3/14/2001
68,757	3/13/2001	Wiring	3/14/2001
68,958	3/14/2001	Wiring	3/14/2001
68,990	3/14/2001	Wiring	3/14/2001
69,051	3/14/2001	Wiring	3/14/2001
69,064	3/14/2001	Wiring	3/15/2001
69,067	3/14/2001	Wiring	3/14/2001
69,078	3/14/2001	Wiring	3/15/2001
69,206	3/14/2001	Wiring	3/20/2001
69,255	3/15/2001	Wiring	3/20/2001
69,273	3/15/2001	Wiring	3/15/2001
69,331	3/15/2001	Wiring	3/15/2001
69,383	3/15/2001	Wiring	3/15/2001
69,443	3/15/2001	Wiring	3/15/2001
69,550	3/15/2001	Wiring	3/16/2001
69,616	3/16/2001	Wiring	3/16/2001
69,659	3/16/2001	Wiring	3/22/2001
69,709	3/16/2001	Wiring	3/16/2001
69,745	3/16/2001	Wiring	3/21/2001
69,748	3/16/2001	Wiring	3/21/2001
69,752	3/16/2001	Wiring	3/19/2001
69,770	3/16/2001	Wiring	3/19/2001
69,793	3/16/2001	Wiring	3/19/2001
69,819	3/16/2001	Wiring	3/19/2001
69,892	3/16/2001	Wiring	3/19/2001
69,949	3/19/2001	Wiring	3/19/2001
70,001	3/19/2001	Wiring	3/21/2001
70,090	3/19/2001	Wiring	3/19/2001
70,129	3/19/2001	Wiring	3/22/2001
70,180	3/19/2001	Wiring	3/20/2001
70,193	3/19/2001	Wiring	3/20/2001
70,201	3/19/2001	Wiring	3/21/2001
70,215	3/19/2001	Wiring	3/19/2001
70,265	3/19/2001	Wiring	3/20/2001
70,295	3/20/2001	Wiring	3/20/2001
70,298	3/20/2001	Wiring	3/21/2001
70,300	3/20/2001	Wiring	3/20/2001

70,377	3/20/2001	Wiring
70,391	3/20/2001	Wiring
70,421	3/20/2001	Wiring
70,463	3/20/2001	Wiring
70,543	3/20/2001	Wiring
70,668	3/21/2001	Wiring
70,787	3/21/2001	Wiring
70,845	3/21/2001	Wiring
70,884	3/21/2001	Wiring
70,895	3/21/2001	Wiring
70,957	3/21/2001	Wiring
70,968	3/21/2001	Wiring
70,973	3/21/2001	Wiring
71,011	3/22/2001	Wiring
71,079	3/22/2001	Wiring
71,084	3/22/2001	Wiring
71,107	3/22/2001	Wiring
71,113	3/22/2001	Wiring
71,140	3/22/2001	Wiring
71,151	3/22/2001	Wiring
71,180	3/22/2001	Wiring
71,208	3/22/2001	Wiring
71,213	3/22/2001	Wiring
71,285	3/22/2001	Wiring
71,286	3/22/2001	Wiring
71,336	3/22/2001	Wiring
71,416	3/23/2001	Wiring
71,426	3/23/2001	Wiring
71,427	3/23/2001	Wiring
71,442	3/23/2001	Wiring
71,512	3/23/2001	Wiring
71,715	3/24/2001	Wiring
71,773	3/26/2001	Wiring
71,862	3/26/2001	Wiring
72,022	3/26/2001	Wiring
72,075	3/26/2001	Wiring
72,099	3/26/2001	Wiring
72,256	3/27/2001	Wiring
72,263	3/27/2001	Wiring
72,315	3/27/2001	Wiring
72,356	3/27/2001	Wiring
72,402	3/27/2001	Wiring
72,506	3/27/2001	Wiring
72,734	3/28/2001	Wiring
72,774	3/28/2001	Wiring
72,778	3/28/2001	Wiring
72,922	3/28/2001	Wiring
72,937	4/2/2001	Wiring
73,014	3/28/2001	Wiring
73,088	3/29/2001	Wiring
73,093	3/29/2001	Wiring
73,170	3/29/2001	Wiring
73,174	3/29/2001	Wiring
73,188	3/29/2001	Wiring

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73,221	3/29/2001	Wiring	3/30/2001
73,229	3/29/2001	Wiring	3/30/2001
73,488	3/30/2001	Wiring	3/30/2001
73,512	3/30/2001	Wiring	4/3/2001
73,514	3/30/2001	Wiring	3/30/2001
73,544	3/31/2001	Wiring	4/3/2001
73,563	3/30/2001	Wiring	4/2/2001
73,599	3/30/2001	Wiring	3/30/2001
73,611	3/30/2001	Wiring	4/2/2001
73,648	3/30/2001	Wiring	4/3/2001
73,656	3/30/2001	Wiring	4/2/2001
73,699	3/30/2001	Wiring	4/2/2001
73,843	3/31/2001	Wiring	4/2/2001
73,984	4/2/2001	Wiring	4/2/2001
74,010	4/2/2001	Wiring	4/2/2001
74,142	4/2/2001	Wiring	4/4/2001
74,161	4/2/2001	Wiring	4/3/2001
74,180	4/3/2001	Wiring	4/4/2001
74,181	4/3/2001	Wiring	4/3/2001
74,192	4/3/2001	Wiring	4/3/2001
74,201	4/3/2001	Wiring	4/3/2001
74,203	4/3/2001	Wiring	4/5/2001
74,210	4/3/2001	Wiring	4/3/2001
74,235	4/3/2001	Wiring	4/4/2001
74,255	4/3/2001	Wiring	4/4/2001
74,265	4/3/2001	Wiring	4/3/2001
74,274	4/3/2001	Wiring	4/3/2001
74,279	4/3/2001	Wiring	4/4/2001
74,295	4/3/2001	Wiring	4/4/2001
74,340	4/3/2001	Wiring	4/4/2001
74,365	4/3/2001	Wiring	4/4/2001
74,395	4/3/2001	Wiring	4/9/2001
74,453	4/3/2001	Wiring	4/4/2001
74,509	4/4/2001	Wiring	4/4/2001
74,580	4/4/2001	Wiring	4/4/2001
74,604	4/4/2001	Wiring	4/4/2001
74,607	4/4/2001	Wiring	4/5/2001
74,647	4/4/2001	Wiring	4/6/2001
74,649	4/4/2001	Wiring	4/5/2001
74,677	4/4/2001	Wiring	4/5/2001
74,834	4/5/2001	Wiring	4/10/2001
74,906	4/5/2001	Wiring	4/5/2001
75,019	4/5/2001	Wiring	4/6/2001
75,057	4/5/2001	Wiring	4/6/2001
75,241	4/6/2001	Wiring	4/6/2001
75,290	4/6/2001	Wiring	4/6/2001
75,309	4/6/2001	Wiring	4/9/2001
75,325	4/6/2001	Wiring	4/9/2001
75,356	4/6/2001	Wiring	4/6/2001
75,380	4/6/2001	Wiring	4/9/2001
75,408	4/6/2001	Wiring	4/10/2001
75,496	4/9/2001	Wiring	4/9/2001
75,551	4/9/2001	Wiring	4/10/2001
75,654	4/9/2001	Wiring	4/10/2001

75,819	4/10/2001	Wiring	4/11/2001
75,849	4/10/2001	Wiring	4/11/2001
75,853	4/10/2001	Wiring	4/11/2001
76,000	4/10/2001	Wiring	4/11/2001
76,124	4/11/2001	Wiring	4/11/2001
76,170	4/11/2001	Wiring	4/11/2001
76,207	4/11/2001	Wiring	4/11/2001
76,215	4/11/2001	Wiring	4/11/2001
76,253	4/11/2001	Wiring	4/18/2001
76,344	4/11/2001	Wiring	4/12/2001
76,397	4/12/2001	Wiring	4/12/2001
76,420	4/12/2001	Wiring	4/12/2001
76,506	4/12/2001	Wiring	4/16/2001
76,514	4/12/2001	Wiring	4/12/2001
76,569	4/12/2001	Wiring	4/12/2001
76,571	4/12/2001	Wiring	4/13/2001
76,603	4/12/2001	Wiring	4/16/2001
76,606	4/12/2001	Wiring	4/13/2001
76,617	4/12/2001	Wiring	4/13/2001
76,625	4/13/2001	Wiring	4/17/2001
76,634	4/13/2001	Wiring	4/13/2001
76,675	4/13/2001	Wiring	4/17/2001
76,678	4/13/2001	Wiring	4/16/2001
76,689	4/14/2001	Wiring	4/16/2001
76,748	4/16/2001	Wiring	4/16/2001
76,761	4/16/2001	Wiring	4/19/2001
76,855	4/16/2001	Wiring	4/17/2001
76,909	4/16/2001	Wiring	4/17/2001
76,995	4/17/2001	Wiring	4/18/2001
77,015	4/17/2001	Wiring	4/18/2001
77,151	4/17/2001	Wiring	4/18/2001
77,157	4/17/2001	Wiring	4/18/2001
77,304	4/18/2001	Wiring	4/18/2001
77,329	4/18/2001	Wiring	4/18/2001
77,390	4/18/2001	Wiring	4/19/2001
77,410	4/18/2001	Wiring	4/19/2001
77,568	4/18/2001	Wiring	4/19/2001
77,582	4/19/2001	Wiring	4/19/2001
77,605	4/19/2001	Wiring	4/19/2001
77,652	4/19/2001	Wiring	4/19/2001
77,713	4/19/2001	Wiring	4/20/2001
77,723	4/19/2001	Wiring	4/23/2001
77,732	4/19/2001	Wiring	4/20/2001
77,733	4/19/2001	Wiring	4/19/2001
77,774	4/19/2001	Wiring	4/20/2001
77,779	4/19/2001	Wiring	4/20/2001
77,913	4/20/2001	Wiring	4/24/2001
77,985	4/20/2001	Wiring	4/21/2001
78,024	4/20/2001	Wiring	4/21/2001
78,051	4/20/2001	Wiring	4/23/2001
78,140	4/20/2001	Wiring	4/23/2001
78,193	4/23/2001	Wiring	4/23/2001
78,324	4/23/2001	Wiring	4/24/2001
78,342	4/23/2001	Wiring	4/25/2001

78,408	4/23/2001	Wiring	4/24/2001
78,430	4/23/2001	Wiring	4/24/2001
78,556	4/24/2001	Wiring	4/26/2001
78,578	4/24/2001	Wiring	4/24/2001
78,589	4/24/2001	Wiring	4/24/2001
78,591	4/24/2001	Wiring	4/24/2001
78,662	4/24/2001	Wiring	4/25/2001
78,678	4/24/2001	Wiring	4/24/2001
78,718	4/24/2001	Wiring	4/25/2001
78,722	4/24/2001	Wiring	4/26/2001
78,734	4/24/2001	Wiring	4/25/2001
78,742	4/24/2001	Wiring	4/25/2001
79,029	4/25/2001	Wiring	4/26/2001
79,158	4/25/2001	Wiring	4/26/2001
79,221	4/26/2001	Wiring	4/26/2001
79,257	4/26/2001	Wiring	4/27/2001
79,272	4/26/2001	Wiring	4/30/2001
79,308	4/26/2001	Wiring	4/26/2001
79,321	4/26/2001	Wiring	4/27/2001
79,339	4/26/2001	Wiring	4/26/2001
79,366	4/26/2001	Wiring	4/30/2001
79,414	4/26/2001	Wiring	4/27/2001
79,510	4/26/2001	Wiring	4/27/2001
79,697	4/27/2001	Wiring	4/30/2001
79,734	4/27/2001	Wiring	4/30/2001
79,736	4/27/2001	Wiring	4/30/2001
79,879	4/28/2001	Wiring	4/30/2001
79,880	4/28/2001	Wiring	4/30/2001
79,968	4/30/2001	Wiring	5/1/2001
80,150	4/30/2001	Wiring	4/30/2001
80,175	4/30/2001	Wiring	5/2/2001
80,230	4/30/2001	Wiring	5/2/2001
80,279	4/30/2001	Wiring	5/1/2001
80,287	4/30/2001	Wiring	5/1/2001
80,344	4/30/2001	Wiring	5/1/2001
80,356	4/30/2001	Wiring	5/2/2001
80,506	5/1/2001	Wiring	5/2/2001
80,535	5/1/2001	Wiring	5/3/2001
80,547	5/1/2001	Wiring	5/2/2001
80,666	5/1/2001	Wiring	5/2/2001
80,669	5/1/2001	Wiring	5/2/2001
80,691	5/1/2001	Wiring	5/2/2001
80,741	5/2/2001	Wiring	5/2/2001
80,860	5/2/2001	Wiring	5/3/2001
80,880	5/2/2001	Wiring	5/3/2001
80,902	5/2/2001	Wiring	5/3/2001
80,905	5/2/2001	Wiring	5/3/2001
80,980	5/3/2001	Wiring	5/3/2001
81,017	5/3/2001	Wiring	5/3/2001
81,044	5/3/2001	Wiring	5/8/2001
81,055	5/3/2001	Wiring	5/3/2001
81,057	5/3/2001	Wiring	5/3/2001
81,067	5/3/2001	Wiring	5/3/2001
81,070	5/3/2001	Wiring	5/4/2001

81,076	5/3/2001	Wiring	5/4/2001
81,089	5/3/2001	Wiring	5/3/2001
81,122	5/3/2001	Wiring	5/3/2001
81,242	5/4/2001	Wiring	5/7/2001
81,247	5/4/2001	Wiring	5/4/2001
81,313	5/4/2001	Wiring	5/4/2001
81,344	5/4/2001	Wiring	5/7/2001
81,349	5/4/2001	Wiring	5/7/2001
81,350	5/4/2001	Wiring	5/8/2001
81,352	5/4/2001	Wiring	5/7/2001
81,420	5/4/2001	Wiring	5/7/2001
81,441	5/4/2001	Wiring	5/7/2001
81,450	5/4/2001	Wiring	5/9/2001
81,525	5/5/2001	Wiring	5/7/2001
81,529	5/6/2001	Wiring	5/8/2001
81,559	5/7/2001	Wiring	5/8/2001
81,615	5/7/2001	Wiring	5/7/2001
81,673	5/7/2001	Wiring	5/7/2001
81,690	5/7/2001	Wiring	5/7/2001
81,696	5/7/2001	Wiring	5/7/2001
81,718	5/7/2001	Wiring	5/7/2001
81,797	5/7/2001	Wiring	5/8/2001
81,901	5/8/2001	Wiring	5/9/2001
81,957	5/8/2001	Wiring	5/10/2001
81,972	5/8/2001	Wiring	5/9/2001
81,990	5/8/2001	Wiring	5/14/2001
82,003	5/8/2001	Wiring	5/9/2001
82,178	5/9/2001	Wiring	5/10/2001
82,195	5/9/2001	Wiring	5/9/2001
82,248	5/9/2001	Wiring	5/14/2001
82,277	5/9/2001	Wiring	5/14/2001
82,305	5/9/2001	Wiring	5/14/2001
82,322	5/9/2001	Wiring	5/9/2001
82,394	5/9/2001	Wiring	5/10/2001
82,504	5/10/2001	Wiring	5/11/2001
82,532	5/10/2001	Wiring	5/14/2001
82,540	5/10/2001	Wiring	5/11/2001
82,548	5/10/2001	Wiring	5/10/2001
82,611	5/10/2001	Wiring	5/11/2001
82,640	5/10/2001	Wiring	5/11/2001
82,644	5/10/2001	Wiring	5/11/2001
82,671	5/10/2001	Wiring	5/10/2001
82,676	5/10/2001	Wiring	5/11/2001
82,693	5/10/2001	Wiring	5/11/2001
82,809	5/11/2001	Wiring	5/11/2001
82,832	5/11/2001	Wiring	5/11/2001
82,850	5/11/2001	Wiring	5/15/2001
82,937	5/11/2001	Wiring	5/14/2001
82,953	5/11/2001	Wiring	5/11/2001
83,050	5/11/2001	Wiring	5/14/2001
83,052	5/11/2001	Wiring	5/14/2001
83,067	5/12/2001	Wiring	5/14/2001
83,098	5/14/2001	Wiring	5/14/2001
83,141	5/14/2001	Wiring	5/15/2001

83,166	5/14/2001	Wiring	5/14/2001
83,244	5/14/2001	Wiring	5/14/2001
83,296	5/14/2001	Wiring	5/14/2001
83,308	5/14/2001	Wiring	5/14/2001
83,467	5/15/2001	Wiring	5/15/2001
83,475	5/15/2001	Wiring	5/15/2001
83,603	5/15/2001	Wiring	5/16/2001
83,646	5/15/2001	Wiring	5/16/2001
83,736	5/15/2001	Wiring	5/16/2001
83,764	5/16/2001	Wiring	5/17/2001
83,790	5/16/2001	Wiring	5/16/2001
83,890	5/16/2001	Wiring	5/16/2001
83,898	5/16/2001	Wiring	5/17/2001
83,945	5/16/2001	Wiring	5/16/2001
83,947	5/16/2001	Wiring	5/16/2001
83,959	5/16/2001	Wiring	5/16/2001
83,967	5/16/2001	Wiring	5/17/2001
84,078	5/17/2001	Wiring	5/17/2001
84,091	5/17/2001	Wiring	5/17/2001
84,151	5/17/2001	Wiring	5/18/2001
84,218	5/17/2001	Wiring	5/18/2001
84,230	5/17/2001	Wiring	5/21/2001
84,520	5/18/2001	Wiring	5/18/2001
84,556	5/18/2001	Wiring	5/21/2001
84,560	5/18/2001	Wiring	5/18/2001
84,699	5/18/2001	Wiring	5/23/2001
84,832	5/21/2001	Wiring	5/21/2001
84,876	5/21/2001	Wiring	5/21/2001
84,895	5/21/2001	Wiring	5/21/2001
84,922	5/21/2001	Wiring	5/21/2001
84,956	5/21/2001	Wiring	5/22/2001
85,053	5/21/2001	Wiring	5/22/2001
85,059	5/21/2001	Wiring	5/22/2001
85,314	5/22/2001	Wiring	5/22/2001
85,328	5/22/2001	Wiring	5/22/2001
85,375	5/22/2001	Wiring	5/23/2001
85,385	5/22/2001	Wiring	5/23/2001
85,397	5/22/2001	Wiring	5/23/2001
85,531	5/23/2001	Wiring	5/23/2001
85,550	5/23/2001	Wiring	5/23/2001
85,566	5/23/2001	Wiring	5/23/2001
85,598	5/23/2001	Wiring	5/23/2001
85,599	5/23/2001	Wiring	5/23/2001
85,660	5/23/2001	Wiring	5/24/2001
85,664	5/23/2001	Wiring	5/24/2001
85,679	5/23/2001	Wiring	5/24/2001
85,718	5/23/2001	Wiring	5/24/2001
85,723	5/23/2001	Wiring	5/24/2001
85,844	5/24/2001	Wiring	5/24/2001
85,862	5/24/2001	Wiring	5/24/2001
85,863	5/24/2001	Wiring	5/25/2001
85,902	5/24/2001	Wiring	5/25/2001
85,976	5/24/2001	Wiring	5/25/2001
85,986	5/24/2001	Wiring	5/25/2001

86,015	5/24/2001	Wiring	5/25/2001
86,090	5/25/2001	Wiring	5/29/2001
86,122	5/25/2001	Wiring	5/25/2001
86,183	5/25/2001	Wiring	5/31/2001
86,235	5/25/2001	Wiring	5/25/2001
86,252	5/25/2001	Wiring	5/31/2001
86,275	5/25/2001	Wiring	5/29/2001
86,331	5/26/2001	Wiring	5/29/2001
86,333	5/26/2001	Wiring	5/29/2001
86,352	5/28/2001	Wiring	5/29/2001
86,412	5/29/2001	Wiring	5/29/2001
86,414	5/29/2001	Wiring	5/29/2001
86,439	5/29/2001	Wiring	5/29/2001
86,532	5/29/2001	Wiring	5/30/2001
86,543	5/29/2001	Wiring	5/29/2001
86,560	5/29/2001	Wiring	5/30/2001
86,600	5/29/2001	Wiring	5/30/2001
86,645	5/29/2001	Wiring	5/30/2001
86,669	5/29/2001	Wiring	5/30/2001
86,698	5/29/2001	Wiring	5/30/2001
86,781	5/30/2001	Wiring	5/30/2001
86,806	5/30/2001	Wiring	5/30/2001
86,835	5/30/2001	Wiring	5/31/2001
86,841	5/30/2001	Wiring	5/30/2001
86,956	5/30/2001	Wiring	5/31/2001
86,968	5/30/2001	Wiring	5/30/2001
87,404	5/31/2001	Wiring	6/1/2001
87,711	6/1/2001	Wiring	6/1/2001
87,743	6/1/2001	Wiring	6/5/2001
87,824	6/1/2001	Wiring	6/5/2001
87,916	6/1/2001	Wiring	6/4/2001
87,971	6/1/2001	Wiring	6/2/2001
87,995	6/2/2001	Wiring	6/5/2001
88,011	6/3/2001	Wiring	6/5/2001
88,027	6/4/2001	Wiring	6/6/2001
88,117	6/4/2001	Wiring	6/5/2001
88,134	6/4/2001	Wiring	6/5/2001
88,141	6/4/2001	Wiring	6/5/2001
88,222	6/4/2001	Wiring	6/5/2001
88,387	6/4/2001	Wiring	6/5/2001
88,457	6/4/2001	Wiring	6/5/2001
88,573	6/5/2001	Wiring	6/5/2001
88,748	6/5/2001	Wiring	6/5/2001
88,761	6/5/2001	Wiring	6/5/2001
88,873	6/5/2001	Wiring	6/6/2001
89,127	6/6/2001	Wiring	6/6/2001
89,154	6/6/2001	Wiring	6/6/2001

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Order Notes

Request Number: **86122 0** Type: **T - Trouble** Rep: **100CS056**
Account Number: **3058197723293** Account Name: **Rapid Custom Signs**
Contact: Adrian Curbelo **Phone:** 305-822-4700

Notes

Add Note:

Public ○ Private ◉ Type TROUBLE - STATUS - Update

Add Note

VOID: 03:53PM 05/25/01 - babdullah - CLOSURE - WIR

Called and spoke with Adrain and the problem fixed..Bell tech was in the cross box and
was messing up the lines

VOID: 03:52PM 05/25/01 - babdullah - TROUBLE - STATUS

```
 0 Quit       POST        DELQ            BUSYQ          PREFIX
   2 Post_      LEN HIAL 01 0 10 82
   3 MonLTA     LCC PTY RNG                          STA F S LTA  TE  RESULT
   4 TalkLTA    RES                  DN 305 819 7723 MB     .      IRT LNTST
   5 Orig
   6 LnTst                             IS-TST@RDT
   7 VDC
   8 VAC
   9 Res
  10 Cap        tt
  11 Hold       Test OK
  12 Next                              RES       CAP       VAC       VDC
  13                    TIP            999.0K    0.320UF   0         0
  14 LTA                RNG            999.0K    0.320UF   0         0
  15 BalNet             TIP TO RNG     999.0K    0.400UF
  16 Coin_
  17 Ring
  18 Dg
```

VOID: 03:52PM 05/25/01 - babdullah - TROUBLE - STATUS

Javette from Bell Une..A tech was out on the site in the crossbox and messed up the lines..

```
 0 Quit       POST        DELQ            BUSYQ          PREFIX
   2 Post_      LEN HIAL 01 0 08 81
   3 MonLTA     LCC PTY RNG                          STA F S LTA  TE  RESULT
   4 TalkLTA    RES                  DN 305 822 4700 IDL
   5 Orig
```

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```
 6 LnTst                                       IS-IDL@RDT
 7 VDC
 8 VAC
 9 Res
10 Cap         tt
11 Hold        Test OK
12 Next                                       RES        CAP        VAC        VDC
13                      TIP                   999.0K     0.320UF    0          0
14 LTA                  RNG                   999.0K     0.320UF    0          0
15 BalNet               TIP TO RNG            999.0K     0.950UF

 0 Quit        POST          DELQ               BUSYQ           PREFIX
 2 Post_       LEN HIAL 01 0 03 82
 3 MonLTA      LCC PTY RNG                                  STA F S LTA   TE   RESULT
 4 TalkLTA     RES                         DN 305 822 6477 MB       .     IRT LNTST
 5 Orig
 6 LnTst                                       IS-TST@RDT
 7 VDC
 8 VAC
 9 Res
10 Cap         tt
11 Hold        Test OK
12 Next                                       RES        CAP        VAC        VDC
13                      TIP                   999.0K     0.330UF    0          0
14 LTA                  RNG                   999.0K     0.340UF    0          0
15 BalNet               TIP TO RNG            999.0K     1.370UF
```

Note: 02:01PM 05/25/01 - babdullah - TROUBLE - STATUS

```
Adria says he is having problems on all lines

305-819-7723 60.LYFU.774196..SB HI 027592
305-822-4700 60.LYFU.773198..SB HI 027593
305-822-6477 60.LYFU.773200..SB HI 027594
```

Note: 01:31PM 05/25/01 - babdullah - TROUBLE - STATUS

```
spoke with Adrian and let him know that we are working on the lines
Line Plo
 0 Quit        POST          DELQ               BUSYQ           PREFIX
 2 Post_       LEN HIAL 01 0 10 82      DN 305 819 7723 CPB       UTR
11 Hold        CAP Test Aborted, Low RES Detected
12 Next                                       RES        CAP        VAC        VDC
13                      TIP                   895         -         4          -1
14 LTA                  RNG                   739         -         5          -4
15 BalNet               TIP TO RNG            8530        -

 0 Quit        POST          DELQ             . BUSYQ           PREFIX
 2 Post_       LEN HIAL 01 0 08 81      DN 305 822 4700 IDL
12 Next                                       RES        CAP        VAC        VDC
13                      TIP                   85.5K      0.480UF    0          -3
14 LTA                  RNG                   292.0K     0.310UF    0          -5
15 BalNet               TIP TO RNG            553.0K     1.120UF

 0 Quit        POST          DELQ               BUSYQ           PREFIX
 2 Post_       LEN HIAL 01 0 03 82      DN 305 822 6477 IDL
11 Hold        CAP Test Aborted, Low RES Detected
12 Next                                       RES        CAP        VAC        VDC
13                      TIP                   1560        -         6          -1
14 LTA                  RNG                   259.0K      -         3          -1
15 BalNet               TIP TO RNG            999.0K      -
```

VOIP: **10:19AM 05/25/01 - dmartinez - TROUBLE - INITIAL**

ndt all lines 7 static ,, cb Adrian 3055253521

Order Notes

Request Number: **88457 0** Type: **T - Trouble** Rep: **100CS005**
Account Number: **5618632990441** Account Name: **Answer Communications**
Contact: Neil Noble **Phone:** 561-863-2990

◉ Notes

Add Note:

Public ○ Private ◉ Type TROUBLE - STATUS - Update

Add Note

VOID: 10:07AM 06/05/01 - creyna - CLOSURE - WIR

BS repaired the NTW... Called cust and line is working fine....

VOID: 10:06AM 06/05/01 - creyna - TROUBLE - STATUS

```
4 TalkLTA   RES                    DN 561 863 2479 IDL
  5 Orig
  6 LnTst                               IS-IDL@RDT
  7 VDC
  8 VAC
  9 Res
 10 Cap       LnTst ;rts
 11 Hold      Test OK
 12 Next                                RES       CAP       VAC       VDC
 13                   TIP               999.0K    0.570UF   0         0
 14 LTA               RNG               999.0K    0.580UF   0         0
 15 BalNet            TIP TO RNG        999.0K    0.460UF
 16 Coin_
 17 Ring
Called cust and lines are working fine.
```

VOID: 09:59AM 06/05/01 - tnaputi - TROUBLE - STATUS

Chris...FDN Tech called in from customer location to close this ticket....BS is there and BS had NDT at Dmarc and has fixed it...customers line is up and working....need to find out what BS did to fix it.....line is CPB can not post new line test at this time

VOID: 09:10AM 06/05/01 - tnaputi - TROUBLE - STATUS

Called Yvette...BS for update....Tech has ETA of 8:50am today and should be there now.

VOID: 05:16PM 06/04/01 - babdullah - TROUBLE - STATUS

Bell called and will dispatch in the mourning because of the access hours

VOID: 04:51PM 06/04/01 - creyna - TROUBLE - STATUS

```
 4 TalkLTA   RES                    DN 561 863 2479 IDL
 5 Orig
 6 LnTst                                IS-IDL@RDT
 7 VDC
 8 VAC
 9 Res
10 Cap       LnTst ;rts
11 Hold      Test OK
12 Next                                 RES       CAP       VAC       VDC
13                   TIP               999.0K    0.560UF   0         0
14 LTA               RNG               999.0K    0.570UF   0         0
15 BalNet            TIP TO RNG        999.0K    0.240UF
16 Coin_
Called cust to let them know that tech has been disp.
```

Comm: 04:29PM 06/04/01 - mdiaz - TROUBLE - INITIAL

Customer called to report no dail tone on 561-863-2479 said it has been out of service for 1 month.

Order Notes

Request Number: **81615 0** Type: **T - Trouble** Rep: **100CS025**
Account Number: **7866210867932** Account Name: **Po Po Record Shop**
Contact: Ms. Phillips **Phone:** 305-756-5699

◉ Notes

Add Note:

Public ○ Private ◉ Type TROUBLE - STATUS - Update

Add Note

Click Here to include the voided notes.

VOID?**03:20PM 05/07/01 - creyna - CLOSURE - WIR**

○

Talked to cust and line is working fine.

VOID?**03:07PM 05/07/01 - babdullah - TROUBLE - STATUS**

○

BS called and it was broken jumper in the co
Tried to contace customer RNA will try later

0 Quit	POST	DELQ	BUSYQ	PREFIX		
2 Post_	LEN MIAS 01 0 03 24		DN 786 621 1185 IDL			
12 Next			RES	CAP	VAC	VDC
13		TIP	999.0K	0.210UF	0	0
14 LTA		RNG	999.0K	0.200UF	0	0
15 BalNet		TIP TO RNG	999.0K	2.040UF		

VOID?**11:20AM 05/07/01 - babdullah - TROUBLE - STATUS**

○

786-621-1185 60.LYFU.419203..SB HI 026214 Open ticket with Marshall Bell

VOID?**11:13AM 05/07/01 - babdullah - TROUBLE - STATUS**

○

Tried to call the customer could not get in touch with them

0 Quit	POST	DELQ	BUSYQ	PREFIX		
2 Post_	LEN MIAS 01 0 03 24		DN 786 621 1185 IDL			
12 Next			RES	CAP	VAC	VDC
13		TIP	999.0K	0.350UF	0	0
14 LTA		RNG	999.0K	0.020UF	0	0
15 BalNet		TIP TO RNG	999.0K	0.010UF		

VOID?**10:14AM 05/07/01 - jtuschner - TROUBLE - INITIAL**

○

Per RIO 78138 cust phone numbers have been swapped, the phone number 786-621-1185 has no dial tone. Cust also said that she is not able to dial long distace either. Please build new numbers in table aniscusp 786-621-1187, 1186, 1185, 1189.

Order Notes

Request Number: **81615 0** Type: **T - Trouble** Rep: **100CS025**
Account Number: **7866210867932** Account Name: **Po Po Record Shop**
Contact: Ms. Phillips **Phone:** 305-756-5699

◉ Notes

Add Note:

Public ○ Private ◉ Type TROUBLE - STATUS - Update

Add Note

Click Here to include the voided notes.

VOID:03:20PM 05/07/01 - creyna - CLOSURE - WIR

Talked to cust and line is working fine.

VOID:03:07PM 05/07/01 - babdullah - TROUBLE - STATUS

BS called and it was broken jumper in the co
Tried to contace customer RNA will try later

```
  0 Quit       POST         DELQ            BUSYQ          PREFIX
  2 Post_      LEN MIAS 01 0 03 24      DN 786 621 1185 IDL
 12 Next                                   RES       CAP       VAC       VDC
 13                    TIP                 999.0K    0.210UF   0         0
 14 LTA                RNG                 999.0K    0.200UF   0         0
 15 BalNet             TIP TO RNG          999.0K    2.040UF
```

VOID:11:20AM 05/07/01 - babdullah - TROUBLE - STATUS

786-621-1185 60.LYFU.419203..SB HI 026214 Open ticket with Marshall Bell

VOID:11:13AM 05/07/01 - babdullah - TROUBLE - STATUS

Tried to call the customer could not get in touch with them

```
  0 Quit       POST         DELQ            BUSYQ          PREFIX
  2 Post_      LEN MIAS 01 0 03 24      DN 786 621 1185 IDL
 12 Next                                   RES       CAP       VAC       VDC
 13                    TIP                 999.0K    0.350UF   0         0
 14 LTA                RNG                 999.0K    0.020UF   0         0
 15 BalNet             TIP TO RNG          999.0K    0.010UF
```

VOID:10:14AM 05/07/01 - jtuschner - TROUBLE - INITIAL

Per RIO 78138 cust phone numbers have been swapped, the phone number 786-621-1185 has no dial tone. Cust also said that she is not able to dial long distace either. Please build new numbers in table aniscusp 786-621-1187, 1186, 1185, 1189.

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Order Notes

Request Number: **78726 0** Type: **T - Trouble** Rep: **100CS025**
Account Number: **5615752622192** Account Name: **Jupiter Fitness Center**
Contact: Dan Amero **Phone:** 561-575-2622

◉ Notes

Add Note:

Public ○ Private ◉ Type TROUBLE - STATUS - Update

Add Note

vom:09:02AM 04/25/01 - tbeard - CLOSURE - WIR

○

```
ted from bell south called and co test it ok ,they said they did nothing to line
but line
test shows difference.called customer and line working ok
```

vom:09:00AM 04/25/01 - tbeard - TROUBLE - TEST

○

```
after line up and working.
LEN JPTM 01 0 03 38
  3 MonLTA     LCC PTY RNG                         STA F S LTA   TE   RESULT
  4 TalkLTA    RES                    DN 561 575 2493 IDL
  5 Orig
  6 LnTst                                 IS-IDL@RDT
  7 VDC
  8 VAC
  9 Res
 10 Cap        frls;lntst;rts
 11 Hold       Test OK
 12 Next                             RES      CAP       VAC       VDC
 13                   TIP            999.0K   0.290UF   0         0
 14 LTA               RNG            999.0K   0.290UF   0         0
 15 BalNet            TIP TO RNG     999.0K   0.740UF
```

vom:03:38PM 04/24/01 - cbesch - TROUBLE - STATUS

○

```
This is 3rd tn in hunt, verified with customer, opened tt with Bellsouth  LEN
JPTM 01 0 03 38....DN 561 575 2493 IDL....60.lyfu.402874..sb..tt#HI025289
12 Next                              RES      CAP       VAC       VDC
 13                   TIP            999.0K   0.020UF   0         0
 14 LTA               RNG            999.0K   0.020UF   0         0
 15 BalNet            TIP TO RNG     999.0K   0.010UF

  LEN JPTM 01 0 08 37....DN 561 575 0387 IDL
12 Next                              RES      CAP       VAC       VDC
 13                   TIP            999.0K   0.290UF   0         0
```

```
 14 LTA                RNG             999.0K    0.290UF   0         0
 15 BalNet             TIP TO RNG      999.0K    0.740UF

  LEN JPTM 01 0 04 38....DN 561 575 2622 IDL
12 Next                                RES       CAP       VAC       VDC
 13                    TIP             999.0K    0.290UF   0         0
 14 LTA                RNG             999.0K    0.290UF   0         0
 15 BalNet             TIP TO RNG      999.0K    0.740UF
```

Comm:03:18PM 04/24/01 - jreynolds - TROUBLE - INITIAL

3rd number in hunt is down cust isnt sure what the number is but main number is5615752622

Order Notes

Request Number: **82935 0** Type: **T - Trouble** Rep: **100CS025**
Account Number: **5616273304883** Account Name: **Austin Insurance**
Contact: James Austin **Phone:** 561-627-3304

◉ Notes

Add Note:

Public ○ Private ◉ Type TROUBLE - STATUS - Update

Add Note

VOID? ○ **10:24AM 05/14/01 - tnaputi - CLOSURE - NTF**

BS says NTF....line test results are different.....Nate...FDN Tech called and said
customer lines are working fine....close ticket.

VOID? ○ **10:23AM 05/14/01 - tnaputi - TROUBLE - STATUS**

Paul...BS called....NTF....

VOID? ○ **09:53AM 05/14/01 - tnaputi - TROUBLE - STATUS**

Called Ted...BS for update.....logs have not been updated yet....
Nate....FDN Tech called and said customer line is working fine...

```
 LEN GARD 01 0 01 80
  3 MonLTA    LCC PTY RNG                          STA F S LTA  TE  RESULT
  4 TalkLTA   RES                  DN 561 627 3304 IDL
  5 Orig
  6 LnTst                             IS-IDL@RDT
  7 VDC
  8 VAC
  9 Res
 10 Cap       LnTst ;rts
 11 Hold      Test OK
 12 Next                              RES       CAP       VAC       VDC
 13                  TIP              999.0K    0.210UF   0         0
 14 LTA              RNG              999.0K    0.200UF   0         0
 15 BalNet           TIP TO RNG       999.0K    0.620UF
 16 Coin_
```

VOID? ○ **09:03AM 05/14/01 - tnaputi - TROUBLE - STATUS**

Called Sange...BS for update....ETA if 9:10am today

VOID? ○ **01:53PM 05/11/01 - tnaputi - TROUBLE - STATUS**

Called trouble into Frank...BS 561-627-3304 Hi026619

VOID? ○ **01:47PM 05/11/01 - tnaputi - TROUBLE - STATUS**

```
Called customer...Mary...let her know we are working on this.
 LEN GARD 01 0 01 80
  3 MonLTA     LCC PTY RNG                              STA F S LTA  TE  RESULT
  4 TalkLTA    RES                    DN 561 627 3304 IDL
  5 Orig
  6 LnTst                                IS-IDL@RDT
  7 VDC
  8 VAC
  9 Res
 10 Cap        LnTst ;rts
 11 Hold       Test OK
 12 Next                                  RES       CAP       VAC       VDC
 13                    TIP                999.0K    0.210UF   0         0
 14 LTA                RNG                999.0K    0.190UF   0         0
 15 BalNet             TIP TO RNG         999.0K    0.080UF
 16 Coin_
```

VOID: C **01:23PM 05/11/01 - jtuschner - TROUBLE - INITIAL**

```
no dial tone on line 5616273304
```

Order Notes

Request Number: **79443 0** Type: **T - Trouble** Rep: **300CS026**
Account Number: **9547766603709** Account Name: **Trackmaster Inc**
Contact: Bruce Parsons **Phone:** 954-776-6603

◉ Notes

Add Note:

Public ○ Private ◉ Type TROUBLE - STATUS - Update

Add Note

VOID: **10:16AM 05/08/01 - mciardullo - TROUBLE - STATUS**

Keith UNE x 5334 outside tech

VOID: **02:27PM 04/27/01 - tnaputi - CLOSURE - NTF**

Walter....BS...reported NTF....good at Dmarc...Called customer...Bruce....Line is working
now...we can close ticket....Big difference in Line Test Results.

VOID: **02:24PM 04/27/01 - tnaputi - TROUBLE - STATUS**

Walter.....BS...called and said NTF they have DT at Dmarc...But look at the difference in the Line Test Results....They did something!!!

```
 POST          DELQ              BUSYQ          PREFIX
  2 Post_      LEN CP00 01 0 02 44
  3 MonLTA     LCC PTY RNG                              STA F S LTA  TE  RESULT
  4 TalkLTA    RES                    DN 954 776 6603 IDL
  5 Orig
  6 LnTst                                IS-IDL@RDT
  7 VDC
  8 VAC
  9 Res
 10 Cap        LnTst ;rts
 11 Hold       Test OK
 12 Next                                   RES       CAP       VAC       VDC
 13                    TIP                 999.0K    0.100UF   0         0
 14 LTA                RNG                 999.0K    0.100UF   0         0
 15 BalNet             TIP TO RNG          999.0K    0.120UF
 16 Coin_
```

VOID: **12:04PM 04/27/01 - tnaputi - TROUBLE - STATUS**

Robert....BS...called this ticket was inadvertently sent to the wrong escalation center....they have now sent it to the correct place and the Tech was dispatched at 12:02....no ETA at this time.

VOID:

10:00AM 04/27/01 - creyna - TROUBLE - STATUS

Per Sam, we got bad cable pairs coming from BS.

vom:09:18AM 04/27/01 - kweems - TROUBLE - STATUS

cust called to chk status, i told her to expect techs today

vom:08:28AM 04/27/01 - tbeard - TROUBLE - STATUS

john b/s called and they have dispatched out a b/s field tech ,good leaving co

vom:04:48PM 04/26/01 - cdowrich - TROUBLE - STATUS

Called Troubl into John / BS... poc # is line in trouble....

vom:04:39PM 04/26/01 - cdowrich - TROUBLE - STATUS

```
0 Quit       POST        DELQ            BUSYQ          PREFIX
  2 Post_      LEN CP00 01 0 02 44
  3 MonLTA     LCC PTY RNG                          STA F S LTA  TE  RESULT
  4 TalkLTA    RES                  DN 954 776 6603 IDL
  5 Orig
  6 LnTst                             IS-IDL@RDT
  7 VDC
  8 VAC
  9 Res
 10 Cap        LnTst ;rts
 11 Hold       CAP Test Aborted, Low RES Detected
 12 Next                              RES       CAP       VAC       VDC
 13                    TIP            999.0K      -       0         0
 14 LTA                RNG            999.0K      -       0         0
 15 BalNet             TIP TO RNG     1650        -
 16 Coin_
 17 Ring
 18 Dg
```

vom:04:21PM 04/26/01 - kweems - TROUBLE - INITIAL

really bad static on line i heard btn 9547766603 this is cb # for bruce, incoming and outgoing static

Order Notes

Request Number: **81098 0** Type: **T - Trouble** Rep: **100CS005**
Account Number: **5615339840921** Account Name: **Tekno T V & Stereo**
Contact: Elias **Phone:** 561-533-9840

Notes

Add Note:

Public ○ Private ◉ Type TROUBLE - STATUS - Update

Add Note

From: 04:07PM 05/03/01 - tnaputi - CLOSURE - NTF

BS...NTF....called customer...Larry...and Fax line just started working fine...they will
call back if it happens again...close ticket.

From: 04:06PM 05/03/01 - tnaputi - TROUBLE - STATUS

Vinny....BS called NTF....New Line Test...

```
 LEN LKWT 01 0 07 26
  3 MonLTA    LCC PTY RNG                          STA F S LTA  TE  RESULT
  4 TalkLTA   RES                  DN 561 533 6265 IDL
  5 Orig
  6 LnTst                             IS-1DL@RDT
  7 VDC
  8 VAC
  9 Res
 10 Cap       LnTst ;rts
 11 Hold      Test OK
 12 Next                              RES      CAP      VAC      VDC
 13                TIP                999.0K   0.330UF  0        -1
 14 LTA            RNG                999.0K   0.360UF  0        -1
 15 BalNet         TIP TO RNG         999.0K   4.050UF
 16 Coin_
```

From: 02:28PM 05/03/01 - tnaputi - TROUBLE - STATUS

Called trouble into Aqua...BS...561-533-6265 Hi026001
Called customer...let them know we are working on it

From: 02:19PM 05/03/01 - tnaputi - TROUBLE - STATUS

Line keeps going PLO

```
 LEN LKWT 01 0 07 26
  3 MonLTA    LCC PTY RNG                          STA F S LTA  TE  RESULT
  4 TalkLTA   RES                  DN 561 533 6265 PLO
  5 Orig
  6 LnTst                             IS-CPB@RDT
```

```
 7 VDC
 8 VAC
 9 Res
10 Cap        frls;lntst;rts
11 Hold       CAP Test Aborted, Low RES Detected
12 Next                                 RES        CAP        VAC        VDC
13                     TIP              999.0K      -         0          0
14 LTA                 RNG              999.0K      -         0          0
15 BalNet              TIP TO RNG       1070        -
16 Coin_                                           -
```

VOID: 02:02PM 05/03/01 - mdiaz - TROUBLE - INITIAL

Customer has no dail tone on fax/modem line # 561-533-6265, customer owns plaza and states all of his tenants are FDN customers. He says that when he was with BS they knew he had problems from the steet to his box and did nothing to fix problem, just patch jobs. He states he would like to have this problem fixed permanently.

Order Notes

Request Number: **83386 0** Type: **T - Trouble** Rep: **300CS026**
Account Number: **4072818189400** Account Name: **Technology Marketing Associate**
Contact: John Fersh **Phone:** 407-281-9195

◉ Notes

Add Note:

Public ○ Private ◉ Type TROUBLE - STATUS - Update

Add Note

VOID? **11:31AM 05/15/01 - lmorris - CLOSURE - DCP**

Bell South went out to the site and had NTF, looks like the F1 was changed from copper to SLC.

I spoke with Jon and he says everything is working OK now.

		RES	CAP	VAC	VDC
13	TIP	-	-	0	-9
14 LTA	RNG	-	-	0	0
15 BalNet	TIP TO RNG	-	-		
16 Coin_					

VOID? 08:28AM 05/15/01 - cbesch - TROUBLE - STATUS
Voice mail from Terry at Bellsouth, found crossed pair in field, dispatching tech out this a.m. to work this.

VOID? 04:52PM 05/14/01 - cbesch - TROUBLE - STATUS
Called customer advised working on this, opened tt with Bellsouth.
407 281 9195 … 58.LYFU.513500..SB…TT# VI018170

12 Next		RES	CAP	VAC	VDC
13	TIP	383.0K	-	0	0
14 LTA	RNG	999.0K	-	0	0
15 BalNet	TIP TO RNG	1050	-		

VOID? 04:36PM 05/14/01 - kweems - TROUBLE - INITIAL
ndt rna on 4072819195 cb john at 4073420162

VOID? **11:24AM 05/15/01 - lmorris - TROUBLE - STATUS**

Bell South went out to the site and had NTF, looks like the F1 was changed from copper to SLC.

		RES	CAP	VAC	VDC
13	TIP	-	-	0	-9
14 LTA	RNG	-	-	0	0
15 BalNet	TIP TO RNG	-	-		

16 Coin_

VOID: **08:28AM 05/15/01 - cbesch - TROUBLE - STATUS**

Voice mail from Terry at Bellsouth, found crossed pair in field, dispatching tech out this a.m. to work this.

VOID: **04:52PM 05/14/01 - cbesch - TROUBLE - STATUS**

Called customer advised working on this, opened tt with Bellsouth.
407 281 9195 ... 58.LYFU.513500..SB...TT# VI018170

12 Next		RES	CAP	VAC	VDC
13	TIP	383.0K	-	0	0
14 LTA	RNG	999.0K	-	0	0
15 BalNet	TIP TO RNG	1050	-		

VOID: **04:36PM 05/14/01 - kweems - TROUBLE - INITIAL**

ndt rna on 4072819195 cb john at 4073420162

Order Notes

Request Number: **83231 0** Type: **T - Trouble** Rep: **300CS026**
Account Number: **9546671023927** Account Name: **Collen Bryant Bowse**
Contact: Collen Bryant Bowse **Phone:** 954-685-9476

Notes

Add Note:

Public Private Type TROUBLE - STATUS - Update

Add Note

Vom:08:54AM 05/15/01 - tbeard - CLOSURE - DCP

received a call from tes bell south as ntf ,call customer and line up and working .line
test results show difference

```
LEN MA00 02 0 08 03
  3 MonLTA    LCC PTY RNG                          STA F S LTA  TE  RESULT
  4 TalkLTA   RES                  DN 954 667 5486 IDL
  5 Orig
  6 LnTst                              IS-IDL@RDT
  7 VDC
  8 VAC
  9 Res
 10 Cap       frls;lntst;rts
 11 Hold      Test OK
 12 Next                               RES       CAP       VAC       VDC
 13                 TIP               999.0K    0.120UF   0         0
 14 LTA             RNG               999.0K    0.120UF   0         0
 15 BalNet          TIP TO RNG        999.0K    0.490UF
```

Vom:12:17PM 05/14/01 - tbeard - TROUBLE - STATUS

open up a trouble ticket with bell south ,called poc number and left amsg for collen to call us if any questions..if needed we could call fwd line.will dispatch a fdn tech out to site.

Vom: 12:14PM 05/14/01 - tbeard - TROUBLE - TEST

```
LEN MA00 02 0 08 03
  3 MonLTA    LCC PTY RNG                          STA F S LTA  TE  RESULT
  4 TalkLTA   RES                  DN 954 667 5486 IDL
  5 Orig
  6 LnTst                              IS-IDL@RDT
  7 VDC
  8 VAC
  9 Res
 10 Cap       frls;lntst;rts
```

11	Hold	Test OK				
12	Next		RES	CAP	VAC	VDC
13		TIP	999.0K	0.120UF	0	0
14	LTA	RNG	999.0K	0.120UF	0	0
15	BalNet	TIP TO RNG	999.0K	0.050UF		

11:31AM 05/14/01 - kweems - TROUBLE - INITIAL

customer totally out of service,, # is not 9546671023 anymore, it has been changed to 9546675486 , it is inthe switch but not in rio.. ndt rna on it. cb is collen at her friends # 9545237479

Order Notes

Request Number: **78045 0** Type: **T - Trouble** Rep: **100CS025**
Account Number: **9547859964832** Account Name: **Hair Design Plus**
Contact: Debra Buntemeyer **Phone:** 954-785-9964

◉ Notes

Add Note:

Public ○ Private ◉ Type TROUBLE - STATUS - Update

Add Note

Void:**09:35AM 04/24/01 - lmorris - CLOSURE - NTF**

○

Called customer..Kirstie...she verified that the line is working fine and we can close
the ticket.

Void:**09:35AM 04/24/01 - lmorris - TROUBLE - STATUS**

○

Called BS...Robin...she says BS closed out this ticket on 4/20/01...NTF...they had DT at Dmarc and say problem is in CLEC equipment.

Void:**08:41AM 04/24/01 - lmorris - TROUBLE - STATUS**

○

Line test looks good....Removed fixed call forward from this line...so line can be tested with customer.

Void:**08:22AM 04/24/01 - lmorris - TROUBLE - STATUS**

○

```
 0 Quit      POST      DELQ          BUSYQ       PREFIX
   2 Post_     LEN PF00 01 0 04 57
   3 MonLTA    LCC PTY RNG                         STA F S LTA  TE  RESULT
   4 TalkLTA   RES               DN 954 785 9964 IDL
   5 Orig
   6 LnTst                            IS-IDL@RDT
   7 VDC
   8 VAC
   9 Res
  10 Cap       LnTst ;rts
  11 Hold      Test OK
  12 Next                           RES       CAP        VAC      VDC
  13                 TIP           999.0K    0.180UF     0        0
  14 LTA             RNG           999.0K    0.180UF     0        0
  15 BalNet          TIP TO RNG    999.0K    0.820UF
  16 Coin_
```

Void:
○ **10:41AM 04/23/01 - mbuscarino - TROUBLE - STATUS**

Jerry went out to site and found no trouble. BS may have cleared it. Customer is

not in right now, need to call customer to verify that line is workin

01:55PM 04/20/01 - rdixon - TROUBLE - STATUS

Ran line test and diag results line has a TIP TO RING resistance.
Called customer and recieved fast busy signal.
Dispatching FDN and B.S. to site
954-785-9964 80tynu513058 TT0276586

```
RES                    DN 954 785 9964 CPB      PMBHFLMA06T_OG    51
 5 Orig
 6 LnTst                                  IS-IDL@RDT
 7 VDC
 8 VAC
 9 Res
10 Cap        LnTst ;rts
11 Hold       CAP Test Aborted, Low RES Detected
12 Next                                  RES        CAP        VAC        VDC
13                     TIP               999.0K       --       0          0
14 LTA                 RNG               999.0K       -        0          0
15 BalNet              TIP TO RNG        1100         -
16 Coin_
17 Ring
```

01:43PM 04/20/01 - jtuschner - TROUBLE - INITIAL

no dial tone 954-785-9964, fwd calls to the second line until problem is repaired.

Move Orders and Temporary Lines

Bell Retail Lines						Bell	Move Order	
DATE ORDERED	DATE INSTALLED	CUSTOMER	FDN'S RIO ORDER #	NO. OF LINES	BELL BTN	INST. ORDER #	LSR SUB	INSTALL DATE
12/07/00	12/11/00	City Cellar	37471	4	561-833-7186	NR381RHO	12/06/00	12/20/00
12/14/00	12/19/00	CD Advantage	47103	3	904-721-3068	NYGCNFH9	12/07/00	01/16/01
12/15/00	12/19/00	Townsend Cleaners	49088	1	904-745-8222	NYF2T746	12/15/00	01/10/01
12/19/00	12/21/00	Kellar For Congress	48153	9	407-839-5007	NY85LMB8	12/12/00	01/16/01
12/21/00	12/29/00	Obstetrics & Gyn Assoc	49651	14	305-945-5247	NQF71KG0	12/20/00	01/05/01
12/22/00	12/29/00	Millenium Home Realty	49666	8	305-971-2631	NQ3WWQ63	12/22/00	01/03/01
12/28/00	1/2/2001	Premier Appraisers Inc.	50915	4	305-226-3408	NQ8757P2	12/30/00	01/08/01
12/29/00	01/02/01	Neighbor Publishing	50526	3	407-384-8693	NY6KFWX5	12/28/00	01/08/01
01/12/01	01/16/01	Supersonic of Orlando	52903	4	407-888-0651	NYOPK4N6	01/12/01	01/22/01
01/24/01	01/29/01	Loving Care Health Agency	54984	3	305-229-6995	NR2FWTH7	01/23/01	02/02/01
01/26/01	01/31/01	Carmen's Boutique	55790	1	904-786-2119	NYDJ6M56	01/25/01	02/05/01
01/31/01	02/05/01	Broome Maxie	57077	4	904-398-6091	NY7GFJX3	01/31/01	02/09/01
03/07/01	04/25/01	Allstate Insurance Company	62092	3	954-322-6943	NRFV25C9	02/19/01	05/02/01
03/08/01	03/13/01	Microcomputer Technology	64295	2	954-785-2842	NRF9PBH9	03/08/01	03/16/01
03/13/01	03/16/01	Vernet Wilner	62562	1	561-750-3366	NR3PJKY8	02/20/01	04/24/01
03/19/01	03/22/01	Wilson's Cleaning Service	67570	1	407-290-2760	NY00L622	03/08/01	04/06/01
04/02/01	04/05/01	New York Floral Design	71619	2	561-416-1758	NR1L8XM6	04/04/01	04/21/01
04/17/01	04/25/01	Formsmaster	77217	6	407-893-3769	NYDMM512	04/17/01	04/30/01
04/20/01	04/25/01	TVO Enterprise	65551	5	561-369-5784	NRFNKXG2	04/17/01	04/30/01
04/23/01	04/25/01	Public Pawn & Jewlery Inc.	77892	2	954-964-5440	NR93JL25	04/20/01	05/08/01
04/30/01	05/02/01	Dade Billing Service	79192	3	305-364-2385	NQ78M358	04/27/01	05/14/01

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BST SO	Cutover Date	Tkt #	Trouble Type	Resolution Date	Comments
CQ33OWN0	12/1/2000	HI015871	NDT on 305-445-8400	12/6/2000	Bell closed 1st tkt on 12/6. We test called and it still wasn't working. Line was dropping after one ring. We opened another tkt with Bell HI015964. That tkt was completed on 12/6. The problem was a bad F2 pair.
CQF15WY3	1/29 and 1/	HI019534	NDT on 954-450-3440	2/2/2001	This order went over to Bell as one order with 5 lines. CO cutover 2 lines but, then there were no jumpers on the lines. It took the CO two hours to complete that. We then has to escalate with a UNE center Supv to have the other 3 lines cut over. They gave us a date of 1/31. Customer then had NDT on 954-450-3440. The problem was a broken crossbox jumper.
CQ1BMM70	2/7/2001		NDT ON 561-968-8062	2/13/2001	Defective Cable Pair
CQ7JDJ63	2/13/2001	HI020454	NDT on 786-621-0676, 0678 and 0083	2/21/2001	2/15 Bell changed F1 pairs. 2/15 Still ndt on 786-621-0683. 2/20 Customer still experiencing problems. 2/20 - Two more trbl tkts opened HI020801 & HI020802. Bell changed the F2 pairs.
CQFR6D06	2/20/2001		NDT on 305-559-8391	2/22/2001	Bell turned order up on 2/20. Cust. Has NDT on their only line. Bell does not get a tech out until the next day at 4pm. It's then discovered that there should have been an outside tech assigned to this order. Jumpers are open at the crossbox. We had to give the customer back to Bell but, then Bell re-used the orig. pairs that the customer was on so, they had to re-engineer. By 2/22 in the afternoon they were finally working on Bell's network. We escalated with the UNE ctr supv. to get a new due date but, then the customer called on 2/23 to cancel their order. They had been down for too long.
CQ3CQ1H2	2/23/2001	HI021252	NDT on 305-538-9635	2/26/2001	Bell replaced defective crossbox jumper.
CQ2Q0GW4	3/6/2001	HI022226	NDT on all lines	3/9/2001	Bell found wire clippings on SMAS point.
CQ390543	3/7/2001		NDT on 561-622-3264	3/12/2001	Broken soder point in the CO.
CY8PP411	3/7/2001	HI015759	NDT on 904-398-6708	3/12/2001	TKT opened with Bell 3/9/01. Problem was a defective cable pair.
CQ4F4WP6	3/8/2001	HI022151	BTN cuts off when rec'ing calls	3/9/2001	Bell tech repaired the ONI.
CQ0D78N3	3/9/2001		NDT	3/12/2001	Open F2 in the field.
CQ91KNR6	3/12/2001		NDT on 305-592-5907	3/16/2001	Trbl tkt opened with Bell on 3/15. Bad F1 pair.
CQCHDM30	3/12/2001	HI022428	NDT on 305-889-1517	3/21/2001	Trbl tkt opened with Bell on 3/13. Defective Cable pair.
CQ28QYX1	3/13/2001		NDT	3/21/2001	Hard short on line. NDT at demarc. Bell changed F2 pairs.
CQ6MB133	3/14/2001	HI022655	NDT on 305-718-3914	3/16/2001	Defective Cable Pair
CQ63TBJ9	3/14/2001	HI022694	NDT on 954-563-1496	3/19/2001	Defective Cable Pair
CQ9TN5Y2	3/22/2001	HI023256	NDT on 305-441-8618	3/23/2001	Bell repaired an open smas point.
CQ37TL02	3/26/2001	HI023600	NDT on 954-667-1195	3/29/2001	Defective Cable Pair
CQF4PC49	3/26/2001	HI023680	NDT on 305-652-5443	3/29/2001	Trbl tkt opened with Bell on 3/28. Defective cable pair.
CQ1VR492	3/27/2001	HI023677	NDT on 305-621-9591	3/29/2001	Trbl tkt open with Bell on 3/28. Bad F1 pair

BST SO	Cutover Date	Tkt #	Trouble Type	Resolution Date	Comments
CQ5JTWK0	4/18/2001	85024901	NDT	4/23/2001	Line was tied to the incorrect binding post.
CY7Q29B8	5/1/2001	VI017766	Hum on line	5/4/2001	Bell changed jumpers on 5/1. Customer called 5/3 to say that the hum was still there. Trbl tkt opened with Bell on 5/3. Bad network interface.
CQCF1GN1	5/2/2001		HI025895,96,99 & 025901	5/3/2001	Bad F2 Pair
CY8BJMC8	5/3/2001		NDT on fax line	5/4/2001	Bad Pair
CY6HMWD8	5/8/2001	VI017924	NDT at demarc	5/8/2001	Broken jumper.
CQ76MFJ5	5/8/2001	HI 026514	NDT on 305-262-1015 & Crosstalk on BTN	5/15/2001	5/10 trbl tkt opened with Bell. Bell states the problem is coming from inside the customer's prem. Another tkt opened on 5/11 because it is Bell's problem (HI026654). On 5/14 another tkt was opened (HI026727). Bell changed the pair.
CQ61R9P6	5/9/2001		2 out of 7 lines have grounds on them	5/9/2001	Bell changed out the F2 pairs on both lines.
CQ1J6W25	5/10/2001	HI026554	NDT on BTN	5/11/2001	Bad F2 Pair
CQ44MJL5	5/11/2001	HI026715	NDT	5/14/2001	Bad F2 pair
CY6P02K2	5/14/2001	VI08182	Cust. Could not hear BTN ring	5/16/2001	Bell changed the F1 pair. A Bell field tech should have been assigned for this cut instead of them working this as a CO cut only.

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