

PUC PROJECT NO. 16251

INVESTIGATION OF	§	PUBLIC UTILITY COMMISSION
SOUTHWESTERN BELL TELEPHONE	§	
COMPANY'S ENTRY INTO THE	§	OF TEXAS
TEXAS INTERLATA	§	
TELECOMMUNICATIONS MARKET	§	

**ORDER NO. 25  
ADOPTING STAFF RECOMMENDATIONS;  
DIRECTING STAFF TO ESTABLISH COLLABORATIVE PROCESS**

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*Comments and Recommendations*

At the May 21, 1998 open meeting, the Commission discussed staff's recommendations on Southwestern Bell Telephone Company's (SWBT's) notice of intent to file section 271 application for interLATA authority in Texas. The Commission adopted, as modified, staff's recommendations. Attachment 1 contains the recommendations adopted by the Commission.

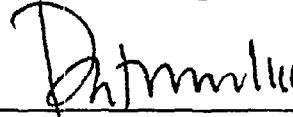
*Collaborative Process*

Also at the May 21, 1998 open meeting, the Commission directed the staff to establish a collaborative process to address all the issues outlined by Commissioners and staff, as contained in the attached recommendation. The goal of the collaborative process shall be to institute workable solutions to the issues outlined by Commissioners and staff, including a series of specific commitments and obligations by SWBT, and to review data obtained during the process. At the conclusion of the collaborative process, SWBT shall supplement the record to show its compliance with the requirements of section 271. The successful conclusion of the collaborative process and supplementation of the record would allow the Commission to reach a positive recommendation to the FCC on SWBT's application.

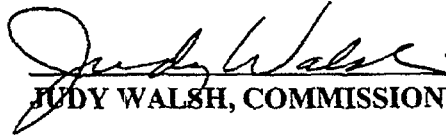
A subsequent order shall detail the specific procedures and schedule for the collaborative process.

SIGNED AT AUSTIN, TEXAS the 1st day of June 1998.

PUBLIC UTILITY COMMISSION OF TEXAS



PAT WOOD, III, CHAIRMAN



JUDY WALSH, COMMISSIONER



PATRICIA A. CURRAN, COMMISSIONER

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**COMMISSION RECOMMENDATION**

The Texas Public Utility Commission (the Commission) and the telecommunications industry have worked steadily since the passage of the federal Telecommunications Act of 1996<sup>1</sup> (FTA96) to negotiate and arbitrate interconnection agreements that will facilitate local competition in Texas. Pursuant to FTA96, new entrants have the legal authority to enter the local market in Texas through resale, unbundled network elements (UNEs), and interconnection. FTA96 § 251 (47 U.S.C. § 251).

In order to provide in-region interLATA services, Southwestern Bell Telephone Company (SWBT), a Bell Operating Company (BOC), must establish that the local telecommunications market is irreversibly open to competition.<sup>2</sup> Specifically, Section 271 of FTA96 requires SWBT to establish that

- it satisfies the requirements of either Section 271(c)(1)(A), known as "Track A," or Section 271(c)(1)(B), known as "Track B";
- it is providing the 14 checklist items listed in Section 271(c)(2)(B) pursuant to either a Track A state-approved interconnection agreement or a Track B statement of generally available terms (SGAT);
- the requested authorization will be carried out in accordance with the requirements of Section 272; and
- SWBT's entry into the in-region interLATA market is "consistent with the public interest, convenience, and necessity." Section 271(d)(3)(C).

Although the Federal Communications Commission (FCC) ultimately determines whether SWBT has established its entitlement to enter the interLATA market pursuant to Section 271, the statute directs the FCC to consult with state commissions. The FCC relies upon state commissions to develop a complete factual record.<sup>3</sup>

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1 Telecommunications Act of 1996, Pub. L. No. 104-104, 110 Stat. 56 (codified as amended in scattered sections of 15 and 47 U.S.C.) (FTA96).

2 See e.g., Memorandum Opinion and Order, Docket No. 97-137, In the Matter of Application of Ameritech Michigan Pursuant to Section 271 of the Communications Act of 1934, as Amended, to Provide In-region, InterLATA Services in Michigan (August 19, 1997) (Ameritech Michigan Order).

3 Ameritech Michigan Order at ¶ 30.

SWBT filed its application to provide in-region interLATA service in Texas on March 2, 1998 with the Commission. On April 7, 1998, the Commission held an open meeting at SWBT's Local Service Center (LSC) in the Dallas-Ft. Worth area and on April 21st through the 25th, the Commission held an extensive hearing on SWBT's application. Many competitive local exchange companies (CLECs) and other parties participated in the Commission's 271 proceeding.

SWBT has done much in Texas to open the local market to competition. Notwithstanding that fact, if the Commission were asked to give a recommendation to the FCC today, it regrettably would be required on the record before it to say "not yet." The Commission files this Recommendation in an effort to provide SWBT with guidance on what the Commission believes SWBT will need to do in order for this Commission to say that the local market is irreversibly open and SWBT should be allowed to provide in-region interLATA service. The Commission files this Recommendation in the spirit of cooperation and in the hope that SWBT will work with the 271 participants and this Commission to get SWBT to "yes."

Participants presented evidence throughout this Section 271 proceeding that indicated their difficulty in working with SWBT to interconnect, purchase UNEs, and provide resale. Although the Commission believes the evidence may indicate that SWBT needs to change its corporate attitude and view the participants as wholesale customers, the Commission also believes many of the problems may be attributable to lack of communication within SWBT and between SWBT and the participants. The Commission believes that SWBT attempted to address many of the problems raised by the participants during the course of the 271 hearing itself. The Commission hopes that this response by SWBT indicates a willingness to address the issues that will get SWBT to "yes."

#### **Public Interest**

With regard to the public interest aspect of Section 271 (including the "ease of doing business with SWBT") the Commission makes the following recommendations:

1. The Commission shall establish a collaborative process whereby SWBT, Commission staff, and participants to this project establish a working system that addresses all of the issues raised in this recommendation;
2. SWBT needs to show this Commission and participants during the collaborative process by its actions that its corporate attitude has changed and that it has begun to treat CLECs like its customers;
3. SWBT needs to establish better communication between its upper management, including its policy group, and its account representatives. As a first step, SWBT shall develop policy manuals for its account representatives and put in place a system, such as email notifications, to communicate decisions by the policy group to account representatives and questions or comments back to the policy group;

4. SWBT needs to establish consistent policies used by all SWBT employees in responding to issues raised by CLECs. Toward that end, SWBT shall establish an interdepartmental group whose responsibility is trouble-shooting for CLECs engaged in interconnection, purchase of UNEs, and resale. This group shall be headed by an executive of SWBT with the final decision making power;
5. SWBT needs to establish a system for providing financial or other incentives to LSC personnel based upon CLEC satisfaction;
6. SWBT needs to commit to resolving problem issues with CLECs in a manner that will give CLECs a meaningful opportunity to compete;
7. SWBT shall draft a comprehensive manual for CLECs to ensure the timely provision of all aspects of interconnection, provision of UNEs and resale. The manual shall be written in a fashion that clearly delineates parties' responsibilities, the procedures for obtaining technical and other practical information, and the timelines for accomplishing the various steps in interconnection, purchase of UNEs and resale. The manual should also set forth SWBT's policy with regard to a CLEC's ability to adopt an approved interconnection agreement pursuant to Section 252(i) (this process will be referred to as the "MFN" process);
8. SWBT needs to treat CLECs at parity with the way it treats itself or its unregulated affiliates;
9. SWBT needs to show proof that it has made all the changes it agreed to make during the process of the Commission's 271 hearing, all of which have been detailed in the record;
10. SWBT needs to establish that its interconnection agreements are binding and are available on a nondiscriminatory basis to all CLECs;
11. To the extent SWBT chooses to establish 271 requirements by relying upon interconnection agreements it has appealed, SWBT should consider adopting a statement of generally available terms and conditions;
12. SWBT needs to establish that it is following all Commission orders referenced in this recommendation and that it intends to follow future directives of the Commission;
13. SWBT needs to establish its commitment to offering the terms of current interconnection agreements during any period of renegotiation, even if the negotiations extend beyond the original term of the interconnection agreements;
14. Commission staff, SWBT, and the participants need to establish adequate performance monitoring (including performance standards, reporting requirements, and enforcement mechanisms) during the collaborative process that will allow self-policing of the interconnection agreements after SWBT has been allowed to enter the long distance market;
15. SWBT shall not use customer proprietary network information to "winback" customers lost to competitors.

## Checklist Items

**ITEM ONE:** Has SWBT provided interconnection in accordance with the requirements of sections 251(c)(2) and 252(d)(1), pursuant to 271(c)(2)(B)(i) and applicable rules promulgated by the FCC?

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest** section, and the **OSS** and **performance standard** sections addressed below, the Commission recommends the following, the details of which could be established in the collaborative process. The Commission believes implementation of both the spirit and the letter of these recommendations would lead to an affirmative answer on this checklist issue.

1. SWBT shall investigate and implement measures to expedite construction and installation activities both at tandem and end office locations and, in order to provide for a reasonably foreseeable demand, SWBT shall engage in cooperative planning of trunking facilities with a view toward providing parity for CLECs;
2. The physical collocation tariff should be amended to be made available to any CLEC that wants to physically collocate in SWBT's facilities. A CLEC should be allowed to use the tariff without going through the MFN process in Section 252(i) of FTA96;
3. SWBT shall implement a cost-based virtual collocation tariff available to all CLECs;
4. SWBT shall allow CLECs to buy equipment from non-SWBT entities, and in turn, sell the equipment to SWBT in order to reduce the CLECs' costs.

**ITEM TWO:** Has SWBT provided nondiscriminatory access to network elements in accordance with the requirements of section 251(c)(3) and 252(d)(1) of FTA, pursuant to 271(c)(2)(B)(ii) and applicable rules promulgated by the FCC?

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest** section, and the **OSS** and **performance standard** sections addressed below, the Commission recommends the following, the details of which could be established in the collaborative process. The Commission believes implementation of both the spirit and the letter of these recommendations would lead to an affirmative answer on this checklist issue.

1. SWBT shall offer at least the following three methods to allow CLECs to recombine UNEs. These three methods attempt to balance SWBT's security concerns with the desire of CLECs to combine UNEs:
  - virtual collocation of cross-connects at cost-based rates,
  - access to recent change capability of the switch to combine loop port combinations, and
  - electronic access such as Digital Cross Connect (DCS) for combining loop and port at cost based rates, where available;

2. SWBT, Commission Staff, and the participants to this proceeding shall explore the following issues during the collaborative process:
  - additional methods for recombining UNEs or for allowing CLECs to combine UNEs and the costs associated with such methods;
  - whether SWBT is providing any and all individual UNEs required by FTA96;
3. Concerning virtual collocation of cross connects, the Commission recommends that CLECs be able to provide incumbent local exchange companies (ILECs) with rolls of their own wire. When a customer changes carriers from the ILEC to a CLEC, the ILEC would take out a wire from the CLEC's inventory, untie and remove the ILEC's wire, and insert and tie the CLEC's wire. Similarly, if a customer returns to the ILEC, the ILEC must remove the CLECs wire, insert its wire, and return the CLEC's wire to the CLEC's inventory. SWBT, under this scenario, would be able to recover its forward-looking, economic costs and insure the security of the network;
4. Concerns have been raised about the Commission requiring CLECs to obtain right to use licenses, where necessary, when leasing UNEs.<sup>4</sup> Under the current UNE rates, the Commission believes the right to use decision made in the mega-arbitration<sup>5</sup> is appropriate. However, the Commission invites CLECs to seek a UNE-Right to Use adder. This adder would compensate SWBT for costs associated with right to use arrangements. For CLECs choosing to pay the cost-based adder, SWBT would agree to provide the right to use arrangements as a wholesale function. For CLECs choosing not to pay the adder, the Commission's position in the mega-arbitration would apply. The parameters of this issue shall be negotiated in the collaborative process.

**ITEM THREE:** Has SWBT provided nondiscriminatory access to the poles, ducts, conduits, and rights-of-way owned or controlled by SWBT at just and reasonable rates in accordance with the requirements of section 224 of the Communications Act of 1934 as amended by the FTA96 pursuant to 271(c)(2)(B)(iii), and applicable rules promulgated by the FCC?

**RECOMMENDATION:** If SWBT implements the Commission's recommendations in the **public interest** section above, and the **OSS** and **performance standard** sections addressed below, the Commission believes SWBT will meet this checklist item.

**ITEM FOUR:** Does the access and interconnection provided by SWBT include local loop transmission from the central office to the customer's premises, unbundled from local switching or other services in accordance with the requirements of section 271(c)(2)(B)(iv) of FTA96 and applicable rules promulgated by the FCC?

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest** section, and the **OSS** and **performance standard** sections addressed below, Staff

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4 The issue of the rights of third party vendors is currently pending before the FCC.

5 "Mega-arbitration" is the term used to refer to several arbitration dockets, specifically Nos. 16189, 16196, 16226, 16285, 16290, 16455, 17065, 17579, 17587, and 17781, all of which were consolidated into one docket.

recommends the following, the details of which could be established in the collaborative process. Staff believes implementation of both the spirit and the letter of these recommendations would lead to an affirmative answer on this checklist issue.

1. SWBT shall publish a technical manual showing CLECs how to use the unbundled loops to provide Asymmetric Digital Subscriber Line (ADSL) and High-Speed Digital Subscriber Line (HDSL) services. Spectrum management of available cable space shall be conducted by SWBT in an expedited manner, upon request from a CLEC who intends to use the unbundled loop for high speed ADSL and/or HDSL services;
2. SWBT shall also allow 4-wire HDSL service on an unbundled loop, provided the subscriber to such service has adequate cable or channel capacity or other means to place 911 calls from the same location;
3. SWBT must demonstrate it is complying with its development/reporting obligations for digital subscriber loops and that CLECs using recombined UNEs will have access to mechanized line testing (MLT) at parity with SWBT before the Commission can recommend that SWBT be found to have met this checklist item. Moreover, to the extent SWBT provides virtual collocation of the cross-connect and/or disconnection by recent change order, the MLT issue may be resolved.

**ITEM FIVE:** Does the access and interconnection provided by SWBT include local transport from the trunk side of a wireline local exchange carrier switch unbundled from switching or other services in accordance with the requirements of section 271(c)(2)(B)(v) of FTA96 and applicable rules promulgated by the FCC?

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest** section, and the **OSS** and **performance standard** sections addressed below, the Commission recommends the following, the details of which could be established in the collaborative process. The Commission believes implementation of both the spirit and the letter of these recommendations would lead to an affirmative answer on this checklist issue.

1. SWBT shall be required to provide the multiplexar and the unbundled dedicated transport (UDT) as a UNE;
2. SWBT shall be required to demonstrate that it is complying with the order in Docket No. 18117 and that it is providing two-way trunks upon request to CLECs. Although the Commission concurs with SWBT that the mere existence of a past dispute that has been resolved by the Commission does not disqualify SWBT from satisfying a check list requirement, it is necessary for SWBT to demonstrate that it is, in fact, complying with the Commission's orders.



**ITEM SIX:** Does the access and interconnection provided by SWBT include local switching unbundled from transport, local loop transmission, or other services in accordance with the requirements of section 271(c)(2)(B)(vi) of FTA96 and applicable rules promulgated by the FCC?

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest** section, and the **OSS** and **performance standard** sections addressed below, the Commission recommends the following, the details of which could be established in the collaborative process. The Commission believes implementation of both the spirit and the letter of these recommendations would lead to an affirmative answer on this checklist issue.

1. SWBT shall be required to expedite the design process to implement measurement capability in its switching and billing systems for terminating access/originating 800 usage data for the unbundled switch or provide sufficient evidence to demonstrate why expediting this development is not feasible. The Commission further recommends that this issue, including interim compensation solutions, be explored in more detail during the collaborative process among SWBT, the participants, and Commission staff;
2. As an alternative recommendation, in the event SWBT is allowed to provide in-region interLATA service before providing a technical solution to this problem, the Commission could recommend to the FCC that SWBT interLATA relief be limited to originating, non-800 type interLATA service until SWBT has demonstrated that it provides CLECs usage data for these type of calls;
3. If a party wishes to obtain customized routing by using line-class codes, SWBT shall be required to provide such option. The appropriate rates for such service shall be based on forward looking costs. To the extent that no CLEC is interested in obtaining customized routing by using line-class codes at cost-based rates, SWBT may still be considered as "providing" such customized routing in compliance with this checklist item.

**ITEM SEVEN:** Has SWBT provided nondiscriminatory access to the following, pursuant to section 271(c)(2)(vii) and applicable rules promulgated by the FCC: (a) 911 and E911 services; (b) directory assistance services to allow the other telecommunications carrier's customers to obtain telephone numbers; and, (c) operator call completion services?

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest** section, and the **OSS** and **performance standard** sections addressed below, the Commission recommends the following, the details of which could be established in the collaborative process. The Commission believes implementation of both the spirit and the letter of these recommendations would lead to an affirmative answer on this checklist issue.

1. SWBT shall provide a compare file to each CLEC so the CLEC can verify the accuracy of 911 database information it has submitted with the actual entry by SWBT. Additionally, SWBT shall include a parity performance measure that would indicate the number of records that were entered incorrectly for its own customers, each CLEC's customers, and all CLEC

customers. SWBT shall file these reports for a minimum of three months with the parties and the Commission staff to determine if parity performance violations have occurred. Until such determination is made SWBT has not met the burden of proof that it is indeed providing parity performance;

2. Pursuant to the Mega-Arbs, SWBT shall not remove customer data from the directory assistance (LIDB) database when a new customer is served through UNEs;
3. SWBT shall collaborate with the CLECs and Commission staff to create a procedure to establish non-discriminatory procedures for customers that have been won back;
4. In addition, SWBT has denied access to ILEC directory assistance listings claiming that the ILECs have not given SWBT permission to release their customer's information. At the hearing, SWBT stated that these listings would be released as soon as that permission was received. Tr. at 1055. SWBT and the participants shall coordinate their efforts to acquire the ILECs' permission through the use of a standard release.

**ITEM EIGHT:** Has SWBT provided white pages directory listings of customers of other telecommunications carrier's telephone exchange service, pursuant to section 271(c)(2)(B)(viii) of FTA96 and applicable rules promulgated by the FCC?

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest** section, and the **OSS** and **performance standard** sections addressed below, the Commission recommends the following, the details of which could be established in the collaborative process. The Commission believes implementation of both the spirit and the letter of these recommendations would lead to an affirmative answer on this checklist issue.

1. SWBT shall be required to provide CLEC resellers with the opportunity to review and correct white pages directory listings prior to the date white pages directory listings are published in telephone directories to sustain its burden of proof with regards to the nondiscriminatory access standard between and among carriers;
2. SWBT shall allow CLECs to choose whether their white page listings are interspersed with SWBT listings or whether they are separate from SWBT's listings;
3. SWBT shall allow CLEC resellers the same options as facilities-based CLECs for distribution of white page telephone directories;
4. SWBT shall institute a procedure to permit CLECs to adhere advertisements to the white pages directory.

**ITEM NINE:** Has SWBT provided nondiscriminatory access to telephone numbers for assignment to the other telecommunications carrier's telephone exchange service customers, pursuant to section 271(c)(2)(B)(ix) of FTA96 and applicable rules promulgated by the FCC?

**RECOMMENDATION:** The Commission concludes that SWBT has satisfied the requirements of this checklist item with no further action.

**ITEM TEN:** Has SWBT provided nondiscriminatory access to databases and associated signaling necessary for call routing and completion, pursuant to section 271(c)(2)(B)(x) of FTA96 and applicable rules promulgated by the FCC?

**RECOMMENDATION:** The Commission concludes that SWBT has satisfied the requirements of this checklist item with no further action.

**ITEM ELEVEN:** Has SWBT provided number portability, pursuant to section 271(c)(2)(B)(xi) of FTA96 and applicable rules promulgated by the FCC?

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest** section, and the **OSS** and **performance standard** sections addressed below, the Commission recommends the following, the details of which could be established in the collaborative process. The Commission believes implementation of both the spirit and the letter of these recommendations would lead to an affirmative answer on this checklist issue.

1. SWBT shall take corrective measures to minimize the manual intervention of its mechanized process in the provision of interim number portability (INP). SWBT shall provide at least three months of data beginning May 15, 1998, to this Commission and to the participants to ensure that CLEC customers do not lose service during the INP process;
2. The Commission has concerns relating to SWBT's delayed implementation of permanent number portability (PNP) as well. Delays in the implementation of PNP place competitors at a disadvantage, because interim solutions do not provide parity; staff, therefore, recommends that some measure be taken to address the potential for further delays in PNP implementation and the consequent detrimental effect on competition and that this issue be explored in more detail in the collaborative process;
3. SWBT shall set forth its policy on route indexing and other forms of INP, including the terms and conditions upon which it is offered;
4. SWBT shall demonstrate that it has an approved tariff providing for PNP.

**ITEM TWELVE:** Has SWBT provided nondiscriminatory access to such services or information as are necessary to allow the requesting carrier to implement local dialing parity in accordance with the requirements of section 251(b)(3) of FTA96, pursuant to section 271(c)(2)(B)(xii) and applicable rules promulgated by the FCC?

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest** section, and the **OSS** and **performance standard** sections addressed below, the Commission recommends the following, the details of which could be established in the collaborative process. The Commission believes implementation of both the spirit and the letter of these recommendations would lead to an affirmative answer on this checklist issue.

1. In areas where SWBT offers optional two-way extended area service (EAS) arrangements, CLECs should have the opportunity to negotiate the interconnection rates, terms, and conditions for similar two-way arrangements with SWBT. SWBT shall be required to complete calls placed by its customers to a CLEC's two-way EAS customers as local calls provided SWBT and the CLEC have negotiated appropriate compensation for such traffic;
2. In SWBT's intraLATA dialing parity docket, Commission staff had requested that SWBT be required to file "written procedures regarding carrier-neutral, administrative and other processes it will use to implement customer selection of another intraLATA toll carrier and to provide intraLATA toll dialing parity." At this time, however, SWBT has not yet provided the Commission with any guidelines or scripts SWBT plans to use for intraLATA PIC (primary interexchange carrier) selection. SWBT has merely stated that it plans to use the same processes that have been in place for interLATA PICs, and that it has no additional details of its carrier selection process for intraLATA PIC. This issue needs to be resolved before SWBT can satisfy this checklist item.

**ITEM THIRTEEN:** Has SWBT provided reciprocal compensation arrangements in accordance with the requirements of section 252(d)(2) of FTA96 pursuant to section 271(c)(2)(B)(xiii), and applicable rules promulgated by the FCC?

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the public interest section, and the OSS and performance standard sections- addressed below, the Commission recommends the following, the details of which could be established in the collaborative process. The Commission believes implementation of both the spirit and the letter of these recommendations would lead to an affirmative answer on this checklist issue.

1. SWBT shall be required to abide by the Commission's ruling on compensation for internet service provider (ISP) traffic in Docket No. 18082 with respect to other CLECs. ISP traffic shall be classified as local traffic and compensated at the local interconnection rates contained in the specific SWBT-CLEC agreement, unless the agreement specifically classifies ISP traffic as non-local traffic. SWBT's obligation to pay reciprocal compensation should not be conditioned on any terms, nor should the CLECs be required to seek arbitration to receive such compensation;
2. Appropriate traffic records shall be exchanged between SWBT and CLECs to facilitate the payment of mutual compensation for calls;
3. Compensation for expanded local calling service (ELCS) traffic shall be consistent with the Commission's decision in the mega-arbitration. EAS traffic, including ELCS traffic, shall be subject to the lesser of the cost-based interconnection rates or the interconnection rates in effect between SWBT and other incumbent LECs for such traffic.

**ITEM FOURTEEN:** Has SWBT provided telecommunications services available for resale in accordance with the requirements of sections 251(c)(4) and 252(d)(3) of FTA96, pursuant to 271(c)(2)(B)(xiv) and applicable rules promulgated by the FCC?

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest** section, and the **OSS** and **performance standard** sections addressed below, the Commission recommends the following, the details of which could be established in the collaborative process. The Commission believes implementation of both the spirit and the letter of these recommendations would lead to an affirmative answer on this checklist issue.

1. SWBT shall develop procedures to assure that the provision of voice mail and other unregulated services provided by a SWBT affiliate will continue uninterrupted during the transition from one local telephone provider to another. This process will necessitate coordination with SWBT's voice mail subsidiary to assure that voice mail is not disconnected, unless a CLEC or customer requests disconnection of the voice mail service. Should the voice mail subsidiary find this process unreasonable, the subsidiary can always verify with the customer or CLEC the need to continue the provision of voice mail, without undue harm to the subsidiary;
2. SWBT shall revise its procedures to ensure that all promotions of its telecommunications services are done only after adequate notification has been provided to CLECs. Adequate notification includes the provision of notice, at least thirty days in advance of the proposed implementation date for any promotion. Additionally, SWBT shall communicate with all its CLEC customers to obtain information indicating which department or principal should receive promotional material. This would ensure the timely receipt of information provided by SWBT to the department that is required to act on behalf of the CLEC for such promotions. Finally, SWBT shall provide promotional material to all CLECs in a consistent matter, regardless of whether they are purchasing resold services as a result of an interconnection agreement or tariff;
3. The Commission agrees that most of the rulings related to customer specific contracts must be decided during the docketed proceeding. However, the FCC determined in its decision in BellSouth/South Carolina, that an RBOC must provide customer specific contracts for resale at a wholesale discount in order to meet this checklist item. To the extent SWBT wants to provide proof that it is meeting this checklist item, SWBT shall change its policy to reflect compliance with the FCC's decision;
4. At the hearing, SWBT indicated it would provide a discount on ALL promotions, regardless of duration, e.g., 30-day promotions. SWBT shall provide documentation of such.

## Performance Measures

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest** and **checklist item** sections, and the **OSS** sections addressed below, the Commission recommends the following measures and requirements as a beginning point, the details of which could be established in the collaborative process.

1. The Commission recommends that the concept of broad, outcome-based performance measures be explored for interconnection, UNEs, and resale;
2. The Commission shall consider the appropriateness of monetary penalties, including discounts to rates, as a sanction for nonperformance to the extent SWBT misses due dates in the future. The monetary penalties shall be set a level sufficient to discipline non-compliance and to insure self-enforcement;
3. SWBT shall establish that it has a consistent policy and time deadlines in responding to CLEC inquiries, as well as trouble and repair reports, and should design performance monitoring to measure its responsiveness to CLECs;
4. The Commission concurs with SWBT that the required measurement for E911 is the length of time required to clear an error; however, the definition and details of the measure should be established during the collaborative process;
5. SWBT shall provide measurements with regard to the timeliness of E911 database updates to establish that the 911 service provided to the CLECs is equivalent to that which SWBT provides to itself;
6. Benchmarks shall be established and reports made on performance measurement for a period of three months that demonstrate the timeliness of the E911 database updates for the CLECs and for SWBT. Specifically, a measurement shall be developed quantifying the amount of time that elapses between the time a CLEC's customer records are received by SWBT until the time these records have been accepted or rejected from the E911 database. A corresponding analogous measurement showing the timeliness of SWBT's own updates shall be reported for the same three month period;
7. SWBT shall initiate a policy to conduct traffic studies by obtaining busy hour data to know how a trunk group is performing and to know whether that trunk group needs augmenting. As a part of the traffic study, SWBT shall obtain peg overflow and usage counts, to determine the amount of lost traffic into a CLEC's switch from both tandems and end offices. These studies shall be made available to all interconnecting CLECs;
8. SWBT shall provide at least three months of data on all performance measures;
9. SWBT shall establish an Internet site where it will post all of its historical performance measurement reports for non-restricted use by interested parties on a monthly basis;
10. The Commission generally agrees with the supplementation as recommended by the Department of Justice (DOJ). SWBT shall provide those additional performance measures to CLECs, as well as additional measures established by the Commission, FCC, or the DOJ.

Once established, all CLECs shall be allowed to amend or MFN into the supplemented performance measures;

11. The following specific measures shall be established: (1) performance measures related to the access to be offered by SWBT to enable CLECs to combine UNEs; (2) speed of processing requests to accessing poles, conduits, and rights-of-way; and (3) number of days to complete physical collocation facilities;
12. SWBT should establish the following measures: (1) a measurement which would include the average delay days for all SWBT caused missed due dates; and (2) the percentage of all SWBT caused missed due dates greater than 30 days. The Commission also believes that a measure reflecting coordinated conversions should be developed. SWBT shall discuss with CLECs the development of performance measurements that relate to premature disconnect and the coordinated customer conversion process and jointly develop measurements that would enable both parties to track parity in the process;
13. Because the current process for updating directory listings activity for CLECs and independent companies are manual, the Commission concludes that SWBT add the following measures: (1) directory listings database update completion interval; (2) directory listings database update interval; and (3) directory listings electronic interface availability;
14. Because the process employed by SWBT for Operator Services (OS) and Directory Assistance (DA) is the same as that used by CLECs and other independent companies, the measurements proposed by SWBT for OS/DA should provide adequate information making the additional measures unnecessary to ensure parity for this category. The measurements provided in this category shall include: (1) Grade of Service; and (2) Average Speed of Answer. Furthermore, the measures shall be reported aggregated for SWBT and for CLECs;
15. Measures shall be established to assure parity in the provision of interim number portability;
16. The Commission finds that SWBT must provide measurements for interconnection trunks for all CLECs to assure nondiscriminatory treatment. The measurements shall include: (1) Percent Trunk Blockage; (2) Common Transport Trunk Blockage; (3) Distribution of Common Transport Trunk Groups Exceeding 2%; (4) Percent Missed Due Dates; and (5) Average Trunk Restoration Interval along with the standard deviation. The measurements provided shall include data for individual CLECs, all CLECs, and SWBT;
17. SWBT is contractually required to file performance measures for different types of unbundled loops and resale services in the approved AT&T and MCI interconnection agreements. As an additional requirement, the performance measures related to DS-1, DS-3 and higher capacity loops and dedicated transport should be tracked separately;
18. "Average Time to Return Firm Order Commitment" shall also include SWBT's own internal performance in order to compare it with its performance provided to CLEC;
19. SWBT shall provide a measurement of the performance it provides to its own customers as related to "percentage of Trouble Reports Within 10 days of Installation" and "Percentage of Trouble Reports Within 30 Days of Installation;"

20. SWBT shall include an additional measure "Delayed Orders Cleared After 30 Days." This measurement shall be reported for loop by separate capacity category;
21. SWBT shall report comparative data on NXX loaded and tested prior to local exchange routing guide (LERG) effective date, and Mean Time to Repair for NXX Troubles;
22. SWBT's Network Performance measures shall include Ratio of Calls Blocked to Calls Attempted;
23. SWBT should develop a process for simulation modeling for those measures for which actual results are not available or are so limited that a statistical comparison is not feasible;
24. SWBT shall implement TCG's suggestions as far as the kinds of benchmarks to establish to measure SWBT's performance in the area of directory assistance and operator call completion;
25. SWBT's performance data shall be further disaggregated, consistent with the discussions of the Office of Public Utility Counsel (OPC) and the testimony of SWBT witness Dysart;
26. The Commission recommends that a measure reflecting coordinated conversions should be developed. SWBT shall work with the CLECs and Commission Staff to develop measures relating to premature disconnect and the coordinated customer conversion process and develop measurements that would enable all parties to track parity;
27. The issue of auditing shall be addressed further in the collaborative process between SWBT, the participants, and Commission Staff. SWBT must allow CLECs to audit the underlying performance data used in calculating the required measure to provide CLECs the ability to satisfy any concerns that the performance measures "mask" discriminatory treatment, *i.e.*, disparate treatment in a particular exchange. As an initial matter, the Commission believes it is appropriate for the requesting CLEC to bear the costs associated with such an audit. However, if the CLEC demonstrates that SWBT has consistently provided discriminatory and/or lower grade service than it provides to itself, SWBT is required to refund such fees. If necessary, the post-interconnection dispute process may be used to resolve disputes regarding the payment of such fees. In such a process, it may be appropriate to consider attorneys' fees and litigation costs to be part of the overall audit costs;
28. Performance penalty issues need to be resolved. Issues for the collaborative process include the type of penalty, level of penalty, and the appropriateness of any necessary safeguards to protect CLECs from sporadic performance and SWBT from random fluctuations. For any measure, when SWBT's performance substantially deviates from parity, *e.g.*, more than one standard deviation for three consecutive months, the Commission recommends that a root cause analysis be performed to determine the cause of the disparity. In other words, SWBT must investigate exceptionally good and exceptionally bad performance results;
29. In recognition of the New York Public Service Commission's ruling in Bell Atlantic's Section 271 docket and the concerns raised by participants in this docket, the Commission believes that the performance penalty structure in the AT&T and MCI interconnection agreements with SWBT, which was largely negotiated, may not be adequate to assure nondiscriminatory treatment. Instead, during the collaborative process, proposals relating to a reduction in resale/UNE/interconnection rates should be considered if, prospectively, the



Commission determines that SWBT has failed to meet the performance requirements, or engaged in discriminatory practices against CLECs;

30. The Commission recommends that additional safeguards be considered if performance penalties are determined to be insufficient to restrain anticompetitive behavior after SWBT obtains § 271 relief. Such a procedure may allow the Commission to issue a cease and desist order affecting SWBT's ability to accept new in-region interLATA customers if the Commission determines that SWBT has provided sub-standard and/or discriminatory service to CLECs, such that CLECs do not have a meaningful opportunity to compete in local markets. This issue is more broadly discussed in the public interest section;
31. SWBT shall be required to allow a CLEC that was not a party to the mega-arbitration to include those performance measures while allowing the CLEC to raise new issues that were not arbitrated or negotiated during the mega-arbitration hearing through further negotiation or arbitration and shall explore development of a tariff containing performance measures and public availability of performance measure data;
32. Consistent with the attachment-by-attachment MFN philosophy, SWBT shall allow a CLEC that was not a party to the mega-arbitration to adopt the performance measures without having to adopt the separate and distinct provision on performance penalties;
33. SWBT shall provide all the performance data required by its interconnection agreements with AT&T and MCI, including the average response time for preorder interfaces, provisioning accuracy, average time to return firm order commitments (FOCs), mean time to return service, order process percent flow-through, LSC speed of answer, billing accuracy, billing timeliness, or any measures with respect to UNEs or design services.

### **Operations Support Systems (OSS)**

**RECOMMENDATIONS:** In addition to the recommendations addressed above in the **public interest**, **checklist item**, and the **performance standard** sections above, the Commission recommends the following, the details of which could be established in the collaborative process. The Commission also includes a brief discussion relating to the relationship between interim and permanent interfaces to provide some context for the specific recommendations.

#### **Relationship between interim and permanent interfaces:**

There are a number of interim and permanent OSS interfaces discussed in these comments. In particular, at least for CLECs willing to move to an EDI (Electronic Data Interexchange solution), EASE (Easy Access Sales Environment) is an interim interface for resale and UNE switch/port combinations, LEX (Local Service Request Exchange System) is an interim solution for resale and UNE orders, VERIGATE (Verification Gateway) and DataGate are interim measures for preordering functions. SWBT's ultimate obligation is to develop a real-time, interactive, EDI gateway based on national standards.

As the final stages of EDI development are in progress, SWBT's § 271 relief should not be rejected on this issue if certain conditions are met indicating that the OSS systems in place meet the requirements set out by the Commission and the FCC. These conditions include the following:

1. SWBT's interim measures provide flow-through and are modified as discussed in the specific recommendations contained herein;
2. SWBT continues to develop its EDI interface in good faith; this issue should be explored in more detail during the collaborative process. (Some form of adjustment may be necessary to offset the necessity of CLECs to undertake dual entry prior to EDI development being completed to the Commission's satisfaction, if SWBT does not meet its implementation dates for EDI development. Potentially, an interim discount on SWBT's electronic service order charge may be appropriate.); and
3. Sufficient procedures are in place to transition from interim measures to permanent solutions.

**Specific Recommendations:**

1. OSS shall be addressed in the collaborative process. The Commission believes implementation of both the spirit and letter of these recommendations would lead to an affirmative answer on OSS:
2. SWBT shall establish that all of its OSS systems for pre-ordering, ordering, provisioning, maintenance and repair, and billing are at parity;
3. SWBT shall establish that all of its electronic OSS systems for pre-ordering, ordering, provisioning, maintenance and repair, and billing are at parity and provide flow-through without the necessity of manual intervention;
4. SWBT shall conform its technical documents to meet the LEX and EDI interfaces. SWBT's LEX and EDI interface, at the time of the hearing, did not sufficiently follow the technical documentation provided by SWBT to CLECs;
5. SWBT shall modify LEX to better integrate LEX with VERIGATE, a pre-ordering apparatus. SWBT should develop the capability necessary to allow more efficient order preparation, beyond "Cut and Paste" functionality, in order to prevent a CLEC's sales representative from re-keying certain information multiple times when it is not necessary. SWBT's LEX system, at the time of the hearing, could not be used in a manner reasonably comparable to the EASE interface used by SWBT for its retail operations;
6. SWBT shall undertake further development of LEX and EDI to achieve the flow through capabilities for both UNE and Resale orders. LEX and EDI's electronic flow through, at the time of the OSS demonstration, was not sufficiently comparable to that of SWBT's EASE

system to provide nondiscriminatory access to CLECs. Further flow through capability is necessary. SWBT shall provide data on the rejection rate for orders processed to demonstrate the new flow through capability achieved through Phase I implementation;

7. SWBT shall demonstrate that improved flow through capability enables SWBT's OSS to handle commercial volumes;
8. SWBT shall provide further explanation regarding the disparity in EASE flow through rates in order to ascertain whether EASE is provided in a nondiscriminatory manner;
9. SWBT shall complete the development of EASE for UNE switch/port combinations;
10. Further review of SWBT's OSS training is necessary to determine whether SWBT is providing sufficient training for CLECs to effectively use the interfaces provided by SWBT;
11. Delays relating to LEX and EDI batch processes need to be reduced and transitioned to real time. SWBT shall demonstrate that such delays have been reduced;
12. SWBT needs to develop the procedures to provide timely, accurate information regarding order errors, jeopardies, and CLECs' access order status information;
13. SWBT needs to implement adequate safeguards to assure timely, efficient, parity performance for the manual orders processed by the LSC and CLEC questions directed to LSC. The Commission, therefore, recommends that this issue be explored in more detail during the collaborative process among SWBT, the participants, and Commission Staff. Further review of performance measures may be necessary to provide such a safeguard;
14. SWBT shall either improve the preordering interfaces available to CLECs to provide sufficient access to customer information and/or clarify the record to show that CLECs have parity access to customer service records, *e.g.*, ISDN, complex services and design services;
15. To the extent SWBT's access to the PREMIS database is at the customer service representative level, SWBT shall provide sufficient access to that database system's information and functionality in order to provide parity access;
16. SWBT shall provide access to SORD (Service Order Retrieval Distribution) and LFACS (Local Facilities Access System) at cost-based rates, terms, and conditions. As discussed previously, SWBT would have to provide training necessary to allow CLECs obtain parity access to SORD and LFACS;
17. SWBT shall be required to demonstrate, by providing at least three months of data, that it is providing CLECs with service that meets the performance standards established in this proceeding and in its interconnection agreements;
18. The Commission finds that SWBT does not make available the ability for a facilities-based CLEC to supplement pending service orders or receive timely jeopardy notifications, error notifications, or workflow confirmations. SWBT must either make this capability available to CLECs electronically or demonstrate that SWBT's customer service representatives do not have such access;

19. To provide necessary notifications, SWBT shall fully develop the jeopardy notification function into its EDI interface. This development should also be incorporated into the Order Status Toolbar function;
20. Although fax rejects may be appropriate when a CLEC provides its orders via fax, SWBT shall provide an electronic means for such notification when a CLEC uses an electronic means to place its orders with SWBT;
21. SWBT does not provide data as to the amount of time it takes SWBT to process and transmit reject notifications to CLECs. Moreover, SWBT could not provide specific goals and procedures in response to questioning from the Commissioners so actual performance could be measured against a benchmark. SWBT shall implement such goals and procedures so CLECs can regularly receive this information timely enough to correct such errors without affecting customer service. Such goals and procedures provide a CLEC with the ability to smoothly convert a customer to its service;
22. SWBT must make clear to CLECs the effect of the various stages of an order's "completion" to avoid confusion. To the extent this issue is one of communication, this issue can be addressed in the policy manual discussed in the public interest section of these comments;
23. The Commission, like the FCC, believes that actual commercial usage is the most probative evidence concerning a system's ability to handle large commercial volumes. The Commission recommends, to the extent there is no actual commercial usage or third party testing, alternative means for assessing system performance be developed in the collaborative process. For example, as greater flow-through is developed, commercial volume concerns may be eased as the representative hours necessary to input orders directly into SORD will be lessened. However, even after the potential manual "bottleneck" issue is resolved, there may remain a need to stress test SWBT's OSS systems before an affirmative recommendation is made on this issue;
24. A record on billing issues should be developed further during the collaborative process. The FCC determined that this information is necessary because "competing carriers that use the incumbent's resale services and unbundled network elements must rely on the incumbent LEC for billing and usage information. The incumbent's obligation to provide timely and accurate information is particularly important to a competing carrier's ability to serve its customers and compete effectively." A BOC must also provide detailed evidence to support its claim that it is providing billing on terms and conditions that are nondiscriminatory, just and reasonable. This information should include measures that compare the BOCs performance in delivering daily usage information for customer billing to both its own retail operation and that of competing carriers;
25. SWBT must resolve the double-billing and other billing issues raised during this proceeding and bring forth proof that such problems have been adequately addressed;
26. SWBT shall either limit requirement that a single CLEC obtain multiple OCNs (operating company numbers) or AECNs (alternate exchange company number) or demonstrate a necessity for such requirement;

27. SWBT shall provide CLECs with sufficient definition or information to decipher the downloads of information that a CLEC needs to validate addresses, determine calling scope, and determine feature availability without having to access SWBT's systems;
28. SWBT shall provide parity access to consolidated CSRs for business customers that have more than 30 lines or that have any design services such as Centrex. SWBT must enhance the ability of its interfaces to handle these order types or demonstrate that parity is provided at this time;
29. SWBT shall demonstrate that its back-end systems are operationally ready, to assure performance parity between CLECs and SWBT's retail operations for POTS (plain old telephone service) order completion, FOCs, installation intervals, trouble reports, design services, billing accuracy, or billing timeliness.

### **Section 272 Compliance**

**SECTION 272 COMPLIANCE:** Pursuant to section 271(d)(3)(B), has SWBT demonstrated that the requested authorization will be carried out in accordance with the requirements of section 272?

**RECOMMENDATIONS:** The Commission recommends the following, the details of which could be established in the collaborative process. The Commission believes implementation of both the spirit and the letter of these recommendations would lead to compliance with Section 272.

1. Although SWBT has established a separate affiliate to provide interLATA services in Texas, the actual corporate structure must be clarified. The Commission cannot determine from the record which SBC subsidiary and/or d/b/a will be used to provide interLATA services in Texas. SWBT shall supplement the record with the necessary information;
2. It is the Commission's position that the independence and separation of the SBLD board and officers from SWBT is not absolutely clear in the record. The record on this issue shall be further developed and clarified so that a determination can be made as to whether SBLD's officers, directors, and employees are separate from SWBT and its corporate chain of command;
3. SWBT's postings on the internet do not clearly delineate the services which are provided by SWBT to SBLD, the identified interLATA affiliate. The internet postings shall clearly identify this information. Additionally, the internet postings shall be revised to indicate which of the services are provided by SWBT to SBLD for Texas, for Oklahoma, or any other state served by the three SBC BOCs, or services provided by SWBT to support SBCS in its other activities outside the SWBT service areas;
4. SWBT shall make available public access to information on transactions between the BOC and the interLATA affiliate at the BOC's headquarters. After the hearing, SWBT in an affidavit reported it would move the records to San Antonio, Texas during the month of June

1998. SWBT should file a follow-up affidavit once the records are available in San Antonio. The Commission must have proof that the records will remain available in San Antonio pursuant to the FCC's order;

5. SWBT shall post on the internet a written description of the asset or service transferred along with the terms and conditions;
6. There is insufficient information to evaluate if transactions are fairly and accurately valued. SWBT shall provide such additional information, so the Commission can determine which of the posted services and assets would be available on an equal pricing basis to a competitor of SBLD;
7. Transactions between February 1996 and the date of approval to initiate interLATA services shall be disclosed and made subject to "true-up;"
8. SWBT shall provide additional information to enable the Commission to evaluate if transactions are arms-length between the affiliates;
9. SWBT shall limit its use of "CONFIDENTIAL" and "PROPRIETARY" classifications to those transactions that meet the FCC guidelines for such protections;
10. The record shall be developed further as to SWBT's practices regarding the use of "CONFIDENTIAL" and "PROPRIETARY" restrictions on documents. If contracts between SWBT and its interLATA affiliate are improperly so marked, then, the Commission's position is that SWBT does not meet the public disclosure requirements of Section 272;
11. The audit report to Texas must report on transactions from all three SBC BOCs, summarizing the total support services from each BOC, reporting the specific services received by the long distance affiliate from each BOC, and reporting on the allocation of expenses within the SBCS organization by subsidiary and by d/b/a title;
12. The Commission has concerns regarding marketing, but recognizes the FCC's decision in BellSouth/South Carolina. The Commission, nonetheless, has concerns that the strong recommendation of its affiliate by SWBT and the warm-hand-off to the affiliate would not pass any arms-length test. If a customer truly does not readily state a long distance company choice, then random assignment of a carrier is preferable.

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