

**VAUGHN INDEX PART I**  
**Subpart B: SCIS User Guide**  
**For Northern Telecom DMS-100/200 Volumes**  
**(pages 11-17 of FCC Vaughn Index)**  
**Page 6**

Description	Pages FCC Claimed Exemption	Commission Description	Allnet Counter Description and Exemption 4 Analysis
			<p>description of data tables. No data or equations presented.</p> <p>6) three pages of generic cost allocation equations. Not vendor specific. No data provided.</p>
<p><b>Section 7: Signaling System 7 (SS7)</b></p>	<p>25 pages Bell-IP and Vend-- Como.</p>		<p>Contains:</p> <p>1) one page table of contents and one page general introduction to section, stating that it is about SS7</p> <p>2) two page high-level generic description of SS7 signaling. Information is same as that which is described in publicly available Bellcore publications, periodicals (e.g., Telephony), pleadings to FCC, and FCC orders (e.g., CC Docket No. 86-10). No data or equations.</p> <p>3) two page high-level generic description of what the proper measure is of SS7 costs. Generic costing concepts introduced. No data or equations.</p> <p>4) one page high-level generic description of types of equipment needed for deployment of SS7. Information is same as that which is described in publicly available Bellcore publications, periodicals (e.g., Telephony), pleadings to FCC, and FCC orders (e.g., CC Docket No. 86-10).</p>

**VAUGHN INDEX PART I**  
**Subpart B: SCIS User Guide**  
**For Northern Telecom DMS-100/200 Volumes**  
**(pages 11-17 of FCC Vaughn Index)**  
**Page 7**

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			<p>5) two page high-level generic description of types of information that user must provide to SCIS,</p> <p>6) one page description of which data tables are used.</p> <p>7) sixteen page description of how costs of SS7 signaling should be computed, as well as a couple of generic cost allocation equation (not specific to any switch or vendor) for computing the cost for an SS7 signal,</p>
<b>Section 8: Glossary of Terms</b>	31 pages Bell-IP		Most, if not all, terms defined are generic terms and their definitions that are found in other Bellcore publications, FCC orders, etc. (e.g., "basic telephone service," "average," "CCS," "central office," "loop," "rate base," "RAM")
<b>Appendices A/B/C: Three blank SCIS User Input Forms, intended for comments, missing page notification, mailing list update</b>	Bell-IP		Blank forms containing no information.
<b>Appendix D: Model Database New Peripheral Module</b>	4 pages Bell-IP		Eight year old (1984) sample data, dating back to time before Bellcore "owned" SCIS. Data is neither current nor useful in current

**VAUGHN INDEX PART I**  
**Subpart B: SCIS User Guide**  
**For Northern Telecom DMS-100/200 Volumes**  
**(pages 11-17 of FCC Vaughn Index)**  
**Page 8**

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			environment.
Appendix E: Processore Utilization Factor	12 pages Bell-IP and Vendo- r-Comp		Generic definition and equations for common concepts such as processor utilization factor, capacity, time value of money, cash flow, revenue vs expenses. No known vendor specific data or equations provided.
Appendix F: Basic Call Equations	8 pages Bell-IP and Vend-- Comp.		One page table of contents. Generic descriptions and some cost allocation equations. No vendor specific data or equations.
Appendix EP1: Feature Input Data Administration Module - Enhancement Package 1	21 pages Bell-IP		One page table of contents. Generic high-level phisolosophical discussion concerning modeling and using models. No data or equations. Also, a short two page glossary.

**VAUGHN INDEX PART I**  
**Subpart B: SCIS User Guide**  
**For Northern Telecom DMS-100/200 Volumes**  
**(pages 11-17 of FCC Vaughn Index)**  
**Page 9**

Description	Pages FCC Claimed Exemp- tion	Commission Description	Allnet Counter Description and Exemption 4 Analysis
<b>Volumes 2 and 3 Sections 1-11</b>	1121 pages Bell-IP and Vend-- Comp	Detailed equations describing costs associated with providing Plain Old Telephone Service (POTS), Centrex, Centrex Station, Centrex Group, Centrex Console, Datapath, Business, Switched Access, Business Network, Automatic Call Distribution, 911 from a DMS-100 switch	<b>Contains:</b>  1) mostly general, generic, descriptions of telephone service offerings (e.g. Feature Group B and D, ANI, three-way calling) that are found in published BOC tariffs, Bellcore publications, and FCC filings and orders.  2) very few high-level, highly simplified, generic cost allocation equations for each service.  3) examples annotated stating that values are not to be construed as typical, but only for illustration.
<b>Remaining DMS- 100/200 Vomes</b>			Similar in content and structure of other volumes.

**VAUGHN INDEX PART I**  
**Subpart B: SCM User Guide**  
**For US West Volumes**  
**(pages 17-19 of FCC Vaughn Index)**  
**Page 1**

Description	Pages FCC Claimed Exemption	Commission Description	Allnet Counter Description and Exemption 4 Analysis
<p><b>Subpart B:</b></p> <p><b>Subpart C: SCM User Guide</b></p> <p>1. Volume 1</p> <p>a. SCM Concepts</p>	<p>17 pages. US West-IP</p>	<p>Discusses philosophy and assumptions from which switch-specific SCM models are derived.</p>	<p>Contains:</p> <p>1) one page table of contents,</p> <p>2) one page (paragraph) describing purpose of section</p> <p>3) one page high-level discussion of generic modeling philosophy. No vendor data or equations presented.</p>
<p>b. AT&amp;T 5ESS</p> <p>i. 5ESS SCM Concepts</p>	<p>14 pages. US West-PI and Vend-- Comp</p>	<p>Describes key concepts of SCM 5ESS model, such as partitioning, engineering period, and utilization factor.)</p>	<p>Series of pages, with one definition per page, for common concepts and terms such as engineering period, spare capacity, modularity, utilization factor, fill, long run incremental cost. Generic, general high level expressions for concepts. No vendor specific information, equations or data.</p>

Key to FCC Basis for Withholding:

"US West-IP" ⇒ US West interests in intellectual property.  
 "Vend-Comp" ⇒ Switch Vendor interests in competitively sensitive information.1

**VAUGHN INDEX PART I**  
**Subpart B: SCM User Guide**  
**For US West Volumes**  
**(pages 17-19 of FCC Vaughn Index)**  
**Page 2**

Description	Pages FCC Claimed Exemption	Commission Description	Allnet Counter Description and Exemption 4 Analysis
ii. 5ESS Core	76 pages. US West-IP Vend-- Comp	Gives instructions for operating SCM 5ESS model, including user inputs and vendor discounts, output reports, and database descriptions.)	Contains:  1) one page table of contents,  2) two page high-level description of SCM processing steps. No vendor specific information, data, or equations. Same information is available from pleadings in this case, pleadings before the FCC, and FCC orders.  3) remaining pages provide high-level description of some generic cost allocation concepts, with high-level, highly simplified equations provided. No known vendor specific information, data, or equations.
iii. AT&T 5ESS Equipment	2 pages.	US West-IP and Vend-Comp Describes peripheral equipment that can be associated with 5ESS switch.	Information available from sales literature fro 5ESS switches.
c. Northern Telecom DMS 100, 100/200, 200	14 pages US West-IP Vendo- r-Comp	Describes key concepts of SCM DMS 100, 100/200, and 200 model, such as partitioning, engineering period, and utilization	See, 1(b)(1) above for 5ESS switch.

**VAUGHN INDEX PART I**  
**Subpart B: SCM User Guide**  
**For US West Volumes**  
 (pages 17-19 of FCC Vaughn Index)  
 Page 3

Description	Pages FCC Claimed Exemption	Commission Description	Allnet Counter Description and Exemption 4 Analysis
i. DMS 100, 100/200, and 200 SCM Concepts		factor.)	
ii. DMS 100, 100/200, and 200 Core	57 pages. US West-IP Vend-- Comp	Gives instructions for operating SCM DMS 100, 100/200, and 200 model, including user inputs and vendor discounts, output reports, and database descriptions.	See, 1(b)(ii) above for 5ESS
d. Northern Telecom DMS-10  i. DMS-10 Core	61 pages. US West-IP Vend-- Comp	Gives instructions for operating SCM DMS 10 model, including user inputs and vendor discounts, output reports, and database descriptions.	See, 1(b)(i), above, for 5ESS.
ii. Northern Telecom DMS-10 Equipment	27 pages. US West-IP Vend-- Comp	Describes peripheral equipment that can be associated with a DMS-10 switch.	See, 1(b)(iii), above for 5ESS
Appendix A: DMS-10 Core Outputs - Manual Calculation Example	13 pages. US West-IP		
Appendix B: DMS-10 Core Validation and Adjustments	8 pages. US West-IP		
Glossary	7 pages US West-IP		

VAUGHN INDEX PART I  
 Subpart B: SCM User Guide  
 For US West Volumes  
 (pages 17-19 of FCC Vaughn Index)  
 Page 4

Description	Pages FCC Claimed Exemption	Commission Description	Allnet Counter Description and Exemption 4 Analysis
<p>2. Volume 2</p> <p>Section 1: features Model Overview</p>	<p>19 pages US West-IP</p>	<p>Discusses philosophy and assumptions from which Features portion of SCM model is derived.</p>	<p>Contains:</p> <ol style="list-style-type: none"> <li>1) one page table of contents,</li> <li>2) one page containing high-level diagram of SCM process. Same information disclosed in US West brief in this case, pleadings before the FCC, and the FCC orders.</li> <li>3) two page briefly describing what SCM is. Same information disclosed in US West brief in this case, pleadings before the FCC, and the FCC orders.</li> <li>4) one page with high level general definition of what categories are. Same information disclosed in US West brief in this case, pleadings before the FCC, and the FCC orders.</li> <li>5) three pages containing definition of feature equation No equations or actual data provided. Same information disclosed in US West brief in this case, pleadings before the FCC, and the FCC orders.</li> <li>6) several pages describing output reports. No actual data or equations provided.</li> </ol>

VAUGHN INDEX PART I  
 Subpart B: SCM User Guide  
 For US West Volumes  
 (pages 17-19 of FCC Vaughn Index)  
 Page 5

Description	Pages FCC Claimed Exemption	Commission Description	Allnet Counter Description and Exemption 4 Analysis
<p>Sections 2-7: POTS, Centron (Centrex), Multiline, Trunkside, CLASS Features</p>	<p>71 pages. US West-IP Vend-- Comp</p>	<p>Discusses equations describing costs associated with 25 POTS, Centrex, Multiline, Trunkside, CLASS features</p>	<p>For each feature the following are provided:</p> <ol style="list-style-type: none"> <li>1) the name. Readily available from US West tariffs, other publications including Bellcore publicly available LSSGR</li> <li>2) LSSGR number. Readily available from Bellcore publicly available LSSGR.</li> <li>3) Description. Readily available in US West tariffs, other filings, trade publications (e.g., Telephony), FCC orders, and pleadings before the FCC..</li> <li>4) User Inputs. No actual data provided.</li> <li>5) Feature Equations. Illustrative examples, not actual. No vendor specific data or equations known to be provided.</li> <li>6) Conversion Factors. Described as "user inputs."</li> </ol>
<p>Section 7: Chunk Descriptions,</p>	<p>10 pages US West-IP Vend-- Comp</p>	<p>The term "chunk" used to describe Part of a feature equation.</p>	<p>Contains:</p> <ol style="list-style-type: none"> <li>1) one page defining the term "chunk." Information available in US West brief.</li> </ol>

**VAUGHN INDEX PART I**  
**Subpart B: SCM User Guide**  
**For US West Volumes**  
 (pages 17-19 of FCC Vaughn Index)  
**Page 6**

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			2) nine pages high level descriptions of various chunks. Chunks described a common components, e.g., Dial Tone, Line Path. No equations or data. No information specific to any vendors.
Section 7A-E: Northern Telecom DMS-10/DMS-100/A T&T 1AESS, 5ESS, 2BESS Chunks	25 pages. US West-IP Vend-Comp		See, discussion above regarding chunks.
Section 7B: Northern Telecom DMS-100, DMS-100/200 Chunks	136 pages. US West-IP Vend-Comp		See, discussion above regarding chunks.
Section 8: Feature Notes	263 pages. US West-IP Vend-Comp	Comments on RTU fees and memory requirements for 95 features when provided at a 5 ESS, DMS-10, or DMS-100 switch.	

**ONA VAUGHN INDEX PART II**  
**User Inputs and Outputs**  
**FCC Vaughn Index at 20-29**

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**Allnet Counter Analysis:**

As explained in the Affidavit of Morris, the outputs are highly processed and cannot cause any harm to switch vendors if released. Allnet has chosen not to object to redaction of input data.

The input data can be redacted and segregated from the remaining information in both the software and the documents identified in Subparts A and B.

**Attachment II**

**Public Disclosure of Cost Information by Switch  
Manufacturers In Kentucky**



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**KENTUCKY INTRALATA EQUAL ACCESS TASK FORCE**  
Administrative Case No. 323, Phase I

**Report of the  
Task Force Coordinating Committee  
to the:**



**PUBLIC SERVICE  
COMMISSION  
OF KENTUCKY**

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November 6, 1992

TABLE 2 - SUMMARY OF TWO-PIC SOFTWARE AVAILABILITY/COST BY SWITCH TYPE

Switch Vendor	Switch Type	2-PIC Generic	Avail. Date	Planning Price
AGCS	GTD-5EAX	SVR 1.6.4.1	See (1)	\$6.8M Dev. + \$10K/site
	No.2-EAX-2A	SVR 1.4.1.1	See (1)	\$2.8M Dev.(2)
	No.2-EAX-2B	SVR 1.3.5.1	See (1)	
ALCATEL	1210	GSM 303	NOW (3)	\$50-\$350K
ADS	ITS 4/5	Release 8	NOW (3)	\$150K/site
*AT&T	1AESS	1AE11	See (4)	\$6.9 - \$7.3M Dev. Cost (2)
	2BESS	2BE5	See (4)	
	5ESS	5E9	See (4)	
NEC	NEAX 61E	G2	NOW (3)	\$0
NTI	DMS-100	BCS35	4th Qtr '92	\$40K/site
	DMS-10	405.10	NOW (3)	\$5/wired line max of \$12.5K/site
SIEMENS	DCO/RNS	18.0	1st Qtr '94	\$16K/site
	EWSD	11.0	1995	\$7.4K/site

Notes on Table 2

\*AT&T has not provided individual per switch planning prices for the two-PIC feature. The aggregate price for the two-PIC feature for AT&T switches in Kentucky is proprietary and is not provided in this report. Individual local exchange company reports should reflect AT&T planning prices.

- (1) AGCS has indicated that it will take 15 to 18 months to develop the two-PIC feature after they have received a request for development.
- (2) These development costs are one-time costs for all switches identified by this switch vendor.
- (3) It should be noted that it will take a certain amount of time—which may vary by local exchange company and switch vendor—to request, engineer and install the intraLATA equal access feature.
- (4) AT&T has indicated that it will take approximately 18 to 24 months to develop the two-PIC feature once a local exchange company has committed to purchase the feature.

site = a stand alone switch or a host/remote complex

As reflected in Table 2, two vendors provided a "development" cost for the intraLATA software feature package. Whether any or all of this development cost applies to Kentucky is a function of when the feature is required in Kentucky and the extent to which the feature is used in other states or regions. With the exception of GTE, the local exchange companies did not include these development costs in their individual cost analyses since there is some question as to their applicability. GTE, however, included the \$6,800,000 development costs from AGCS as they felt this cost

The switch vendors supplied information regarding the switch types that would be equipped with the two-PIC feature, the basic software generic required to add the optional intraLATA equal access feature and when the basic software generic and/or the intraLATA equal access feature package would be available. They also provided planning prices for the feature packages. The information provided by the switch vendors is summarized in Table 2.

continues. Nonrecurring cost is included in the operating expense of a company in a single year.

Table 3 provides total cost figures for intraLATA equal access generic software for all switches excluding upgrade and installation costs.

TABLE 3 - TWO-PIC SOFTWARE COSTS BY LOCAL EXCHANGE COMPANY Actual Dollars

Company	Type of Cost	1994	1995	1996	Total
South Central Bell	Nonrecurring	\$ 917,000	\$181,000	\$216,000	\$1,314,000
GTE	Nonrecurring	\$1,055,000	\$409,000	\$ 0	\$1,464,000
Cincinnati Bell Telephone	Nonrecurring	\$ 390,000	\$ 60,000	\$ 0	\$ 450,000
Independent Telephone Group	Capital	\$1,332,800	\$330,000	\$ 0	\$1,662,800
	Nonrecurring	\$ 0	\$ 10,000	\$ 0	\$ 10,000
TOTAL	Capital	\$1,332,800	\$330,000	\$ 0	\$1,662,800
	Nonrecurring	\$2,362,000	\$660,000	\$216,000	\$3,238,000

Notes on Table 3:

General: None.

Capital: Each independent company evaluated the accounting treatment of their purchase of intraLATA equal access software. Most classified these costs as capital costs, others classified them as nonrecurring expense.

Recurring: Not applicable to this table.

Nonrecurring: The large local exchange companies' accounting requirements specify that such purchases be treated as nonrecurring expense.

SO entries: Under present generic software deployment plans, only South Central Bell anticipates the purchase of intraLATA equal access software in 1996. All other companies will complete their purchases by the end of 1995. Independent Company nonrecurring costs occur only in 1995.

Issue 3: The relative merits and costs of generic upgrades to existing switching equipment and replacement alternatives for local exchange companies planning central office or toll/access tandem change-outs in the normal course of business.

As mentioned previously, there are other costs associated with providing the intraLATA equal access software feature package besides the cost for the package itself, such as switch replacement, upgrading the basic software package, installation and testing. These costs were included in the Large and Small Local

TABLE 4: LOCAL EXCHANGE COMPANY SWITCH/GENERIC UPGRADE COSTS

Actual Dollars

Company	Type of Cost	1994	1995	1996	Total
South Central Bell	Capital	\$ 0	\$ 0	\$ 0	\$ 0
	Recurring	\$ 0	\$ 0	\$ 0	\$ 0
	Nonrecurring	\$ 0	\$ 0	\$ 0	\$ 0
GTE	Capital	\$ 161,000	\$574,000	\$ 0	\$ 735,000
	Recurring	\$ 0	\$ 0	\$ 0	\$ 0
	Nonrecurring	\$1,100,000	\$184,000	\$ 0	\$1,284,000
Cincinnati Bell Telephone	Capital	\$ 0	\$ 0	\$ 0	\$ 0
	Recurring	\$ 0	\$ 0	\$ 0	\$ 0
	Nonrecurring	\$ 46,000	\$ 7,000	\$ 0	\$ 53,000
Independent Telephone Group	Capital	\$ 944,100	\$ 22,000	\$ 0	\$ 966,100
	Recurring	\$ 5,000	\$ 5,000	\$ 5,000	\$ 15,000
	Nonrecurring	\$ 305,900	\$ 81,500	\$ 0	\$ 387,400
TOTALS	Capital	\$1,105,100	\$596,000	\$ 0	\$1,701,100
	Recurring	\$ 5,000	\$ 5,000	\$ 5,000	\$ 15,000
	Nonrecurring	\$1,451,900	\$272,500	\$ 0	\$1,724,400

**Notes on Table 4**

**General:** With the exception of GTE, the local exchange companies did not include development cost in their studies since there is some question as to their applicability to Kentucky. GTE included \$6.8M for AGCS development cost in their 1994 nonrecurring cost. This amount is excluded from this table to facilitate comparison.

**Capital:** GTE and some independent companies anticipate the purchase of additional central office hardware or base software as central offices are upgraded to accommodate intraLATA equal access software. These purchases are reflected as capital costs.

**Recurring:** Some independent telephone companies estimate an ongoing expense requirement to insure proper operation of the hardware and software reflected in capital costs.

**Nonrecurring:** With the exception of South Central Bell, all companies reflected nonrecurring costs for the installation of hardware and software related to intraLATA equal access.

**SO entries:** All companies expect to complete their acquisition and installation by 1995, consequently only recurring costs are shown in 1996. South Central Bell determined that additional software would not be required in any switch as a result of the intraLATA equal access conversion. South Central Bell also felt that the incremental expense of loading and maintaining the equal access software would be difficult to separate from the general cost of doing business recovered in charges for tariffed services. Consequently, no costs are shown in this table for South Central Bell.

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FEB 6 1992

P.S.C.  
RESEARCH DIVISION

Northern Telecom Inc. Tel (404) 661-50

Northern Telecom Center  
One Ravinia Drive  
Atlanta, GA 30346

January 31, 1992

IntraLATA Equal Access Task Force  
Attn: Vendor Subcommittee  
C/O Kentucky Public Service Commission  
730 Schenkel Lane  
Frankfort, Kentucky 40601

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FEB 6 1992

PUBLIC SERVICE  
COMMISSION

Dear Vendor Subcommittee:

This is in response to your letter dated January 10, 1992 regarding intraLATA presubscription capability on the DMS-100 and DMS-10.

The ability to provide intraLATA carrier presubscription is planned for general availability in BCS35 (4Q92) on the DMS-100. This will require NTXF58AA and NTXF69AA software packages. The required software and their associated price is listed below.

<u>S/W</u>	<u>List Price</u>
NTXF58AA (POTS IntraLATA PIC in EAEO)	\$20,000
NTXF69AA (IBN IntraLATA PIC in EAEO)	\$20,000

The DMS-100 can accept up to 3 BCS upgrades per load. A BCS load from BCS32 to BCS35 would be a cost of \$15,000 for one load. Additional memory, increased processor capacity and gating hardware will be required dependant of current BCS and individual office configuration.

The DMS-10 is planned to provide intraLATA carrier presubscription with the 405.10 Generic (2Q92) using the Multiple PIC Option software. A typical Generic upgrade from 404 to 405.10 costs \$5,000. Please note that this price does not include hardware, engineering or installation related to the DMS-10 Generic upgrade.

<u>S/W</u>	<u>List Price</u>
Multiple PIC Options	\$5/wired line Capped at 2,500 lines

...2

Page 2

Northern Telecom is studying an Advanced Intelligent Network (AIN) database solution. However, existing specifications do not include intraLATA PIC. These technical requirements are needed to determine an accurate development activity. Our feature development process includes evaluation of pricing. Due to lack of standards we do not have sufficient information available to provide the requested software or pricing.

If you have any questions concerning this information, please feel free to call me at 404-661-5136. If I can not be reached, please call Mike Kimble at 404-661-5365.

Yours truly,



Mel Crain  
Vice President  
Sales and Marketing

cc: Lee M. MacCracken  
Tommy Langford  
E. Copeland



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MAY 14 1992

P.S.C.  
RESEARCH DIVISION

Northern Telecom Inc. Te 404. 661-50

Northern Telecom Center  
One Ravinia Drive  
Atlanta, GA 30346

May 8, 1992

IntraLATA Equal Access Task Force  
Attn: Vendor Subcommittee  
C/O Kentucky Public Service Commission  
730 Schenkel Lane  
Frankfort, Kentucky 40601

Dear Vendor Subcommittee:

This is in response to your letter dated April 16, 1992 requesting additional information on intraLATA PIC capability on the DMS-100 and DMS-10.

We appreciate the task you have in identifying a typical office upgrade requirement. However, in a DMS-100F environment it is difficult to determine an accurate representation of a typical office. There are no additional hardware requirements for intraLATA PIC capability. There may be a modernization cost associated with upgrading the office to the proper software release.

In an effort to help in your task we have provided hardware modification requirements using several assumptions as outlined in Attachment A for a DMS-100. Attachments B and C provide the DMS-10 Generic and hardware costs and the additional specific questions you requested.

If you have any questions concerning this information, please call me at 404-661-5136. If I can not be reached, please call Mike Kimble at 404-661-5365.

Yours truly,

A handwritten signature in black ink, appearing to read 'Mel Crain', written over a printed name.

Mel Crain  
Vice President  
Sales and Marketing

cc: Lee M. MacCracken  
Tommy Langford

Claude G. Rhorer, Jr  
E. Copeland

Attachments

**DMS 100/200  
PLANNING PRICE/COST MATRIX**

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MAY 14 1992**

P.S.C.  
RESEARCH DIVISION

<u>Switch Type</u>	<u>Existing Generic</u>	<u>Require: Generic</u>	<u>FF&amp;I List Prices</u>	
			<u>Software#</u>	<u>Hardware</u>
DMS-100/200	24	35	\$41,600	\$472,133
	25	35	\$41,600	\$453,454
	26	35	\$31,200	\$453,454
	27	35	\$31,200	\$418,733
	28	35	\$31,200	\$416,941
	29	35	\$20,800	\$416,941
	30	35	\$20,800	\$0.00
	31	35	\$20,800	\$0.00
	32	35	\$10,400	\$0.00

#Software pricing is based on weekday loads versus weekend loads as previously quoted.

Note 1: All prices are at 1991 list.

Note 2: No two offices are identical so actual pricing will vary from office to office. The above pricing is based on a hypothetical model using the following assumptions:

20,000 Lines  
3,500 Trunks  
4.4 (ABSBH) CCS/line

The hardware provided was the generally available hardware for that BCS level.

Note 3: An installation startup (\$3,400) is not included and should be added to offices where activity is confined to upgrade activity only.

**DMS-10  
PLANNING PRICE/COST MATRIX**

<u>Switch Type</u>	<u>Existing Generic</u>	<u>Required Generic</u>	<u>EE&amp;I List Prices</u>	
			<u>Software</u>	<u>Hardware</u>
<b>DMS-10</b>	104.5	405.10	Note 1	Note 1
	204.1	405.10	\$5,000	\$160,000
	210.4	405.10	\$5,000	\$160,000
	302.7	405.10	\$5,000	\$160,000
	304.41	405.10	\$5,000	\$160,000
	305.10	405.10	\$5,000	\$160,000
	403.2	405.10	\$5,000	\$58,500
	403.31	405.10	\$5,000	\$58,500
	404.2	405.10	\$5,000	\$10,000
	404.21	405.10	\$5,000	\$10,000
	404.3	405.10	\$5,000	\$10,000

**Note 1:** There are no 104 generic switches in operation. Published pricing is unavailable.

**DMS-10**

**Question:** Does the 2500 line cap for multiple PIC options apply to the total lines in a DMS-10 HSO/SSO/Remote Cluster or only to a single Base Unit/Remote Cluster? In other words, is the software charge incurred at both HSO and SSO DMS-10s?

**Answer:** The Maximum charge for DMS-10 stand alone or HSO/SSO/Remote Cluster is 2,500 lines per cluster.

**DMS-100**

**Question:** What feature package is required to provide intraLATA PIC in EAEO for RES lines?

**Answer:** Software package NTXF69AA will provide intraLATA PIC in an EAEO for RES lines.

**Both**

**Question:** Are the DMS-100 and DMS-10 multiple PIC capabilities consistent with the 2 PIC description in the RFI Sections 2.02 and 3.01 through 3.03?

**Answer:** Northern Telecom's intraLATA PIC offering on a DMS-100 will allow for an end user to choose a primary carrier for intraLATA service at an equal access end office. The end user being defined as an MDC, ISDN, PBX or RES customer. Both the DMS-100 and DMS-10 feature descriptions are intended to be consistent with the 2 PIC description as described in the RFI Sections 2.02 and 3.01 through 3.03. However multiple PIC options feature description is currently proprietary information and can be provided when available.

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MAR 19 1 31 PM '92



**AT&T**  
Network Systems

Network Systems Sales

Western Electric® products  
6701 Roswell Road, N.E.  
Atlanta, GA 30328  
404 573-4000

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CONFIDENTIAL

March 17, 1992

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MAR 19 1992

RESEARCH DIVISION

IntraLATA Equal Access Task Force  
ATTN.: Vendor Subcommittee  
C/O Kentucky Public Service Commission  
730 Schenkel Lane  
Frankfort, KY 40601

Dear Sir;

The attached documents are AT&T Network Systems' response to your Request for Information (RFI) on IntraLATA Equal Access for the 5ESS®, and 1A ESS™ Switching systems. As requested, we have provided information for 2-PIC, Modified 2-PIC, and AIN solutions. At this time, firm development dates have not been established for the 2-PIC and Modified 2-PIC solutions. This will be done once our customers request development and firm price quotes. As indicated in the attachments, we believe that our current development plans for AIN include the minimum functionality required to implement the AIN version of IntraLATA Equal Access.

Paul Craft, Senior Technical Consultant on my staff, is available to answer questions. He may be reached on (404) 573-7550.

Yours truly,

J. J. Matous  
Director, Technical  
Consulting and Contracting  
Southern Region

Copy to:  
Norm Owen - BellSouth Telecommunications, Inc.

~~AT&T - Business Confidential~~

## **2. 2-PIC and Modified 2-PIC Intra-LATA Equal Access**

### **2.1 Feature Definition**

The ICLATA feature gives a customer the choice of using the LEC or an interoffice-interLATA carrier for IntraLATA toll calls. In other words, a subscriber can place an IntraLATA toll call using a Primary InterLATA Carrier (PIC) without using a 10XXX prefix, or that subscriber can place a call using a carrier other than the PIC by dialing a 10XXX prefix. By default, all IntraLATA local calls are carried by the LEC. InterLATA and international calling is unaffected by this feature.

The ICLATA2 feature gives the customer the option of using the LEC, a subscribed or designated interLATA carrier, or another carrier different from that subscriber or designated carrier for IntraLATA toll calls. In other words, ICLATA2 allows a subscriber to pre-subscribe to a Primary IntraLATA Carrier (PIC2) which handles all of the customer's IntraLATA toll traffic, but which may or may not be the same as the PIC (Primary InterLATA Carrier). The PIC2 may designate the LEC. If an ICLATA2 subscriber wishes to place an IntraLATA call using a carrier other than the PIC2, a 10XXX prefix must be dialed. All IntraLATA local calls are carried by the LEC by default. As with ICLATA, ICLATA2 does not affect interLATA or international calls.

On the 5ESS<sup>®</sup> Switch, both features will be offered. On the 1A ESS<sup>™</sup> Switch, only ICLATA2 is offered. If a LEC wishes to offer ICLATA on a 1A ESS<sup>™</sup> Switch, it simply assigns the PIC2 to be the same as the PIC. Each Central Office specifies how operator 0+ 7 or 10 digit IntraLATA calls are routed for ICLATA/ICLATA2 customers. The switch may designate that all such calls are to be handled by the LEC or that they are to be routed to the IC/IC2 (i.e., PIC/PIC2) indicated by the ICLATA/ICLATA2 feature. Further details can be found in the attached Service Planning Prospectus for the feature.

### **2.2 Pricing**

The development planning price for the ICLATA/ICLATA2 feature is in the range of \$6,900,000.00 to \$7,300,000.00. This is the list price for large regional telephone companies like BellSouth. This price estimate is for the 5ESS<sup>®</sup>, 1A ESS<sup>™</sup>, and 2B ESS<sup>™</sup> Switches in service at the time of initial feature deployment. Business arrangements with individual customers could modify this price.

The prices and availability, stated below, are intended for planning purposes only, and should not be construed as firm price quotations or as commitments to develop the feature. The final quoted price, if rendered, could be affected by customer responses to this prospectus, and by changes in feature requirements.