INDEX OF NETWORK DESIGN-RELATED
DMS-10 DOCUMENTATION

<table>
<thead>
<tr>
<th>CONTENTS</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. NORTHERN TELECOM PRACTICES AND SPECIFICATIONS</td>
<td>2</td>
</tr>
<tr>
<td>2. BELLCORE PRACTICES/LETTERS</td>
<td>4</td>
</tr>
<tr>
<td>3. SWBT PRACTICES/LETTERS</td>
<td>5</td>
</tr>
<tr>
<td>4. CAPACITY/PROVISIONING LETTERS</td>
<td>5</td>
</tr>
<tr>
<td>5. MERIDIAN BUSINESS SERVICES (IBS/EBS)</td>
<td>6</td>
</tr>
<tr>
<td>6. SATELLITE SWITCHING OFFICE (SSO)</td>
<td>7</td>
</tr>
<tr>
<td>7. OTHER REMOTES (REM, RLCM)</td>
<td>8</td>
</tr>
<tr>
<td>8. EADAS</td>
<td>9</td>
</tr>
<tr>
<td>9. ISDN</td>
<td>10</td>
</tr>
<tr>
<td>10. EQUAL ACCESS</td>
<td>11</td>
</tr>
<tr>
<td>11. AMA DATA COLLECTION AND STORAGE</td>
<td>12</td>
</tr>
<tr>
<td>12. INTEGRATED DIGITAL LOOP CARRIER (IDLC)</td>
<td>13</td>
</tr>
</tbody>
</table>

(References listed in this documentaiton review include those documents issued between 1983 and 1987.)

PROPRIETARY

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Northern Telecom Technical Specifications - General

DMS-10 Technical Specification
(issued by generic, i.e., 200-series, 300-series, 400-series)
- describes the DMS-10 switch in detail, i.e., hardware, software, memory, features, call processing, administration, etc. Latest tech. spec. is dated 12-85 on the 400-series generic. The single most comprehensive document available on DMS-10.

Northern Telecom Practices - General

(Note: NTP 297-30XX-ZZZ = DMS-10, Generic 200's
NTP 297-3101-ZZZ = DMS-10, All generics
NTP 297-3201-ZZZ = DMS-10, Generic 100/200
NTP 297-3301-ZZZ = DMS-10, Generic 300
NTP 297-3401-ZZZ = DMS-10, Generic 400

The letters ZZZ refer to the subject matter number covered by the particular practice number. The subject matter is generic-specific, but covers the same information for each generic.)

With the above note in mind, below is a listing of suggested Network Design-Related NTPs.

297-YYYY-000 to 009 Indexes and Cross Reference Lists
297-YYYY-100 to 149 Descriptions
297-YYYY-150 to 199 Engineering Equipment and Ordering Information
297-YYYY-400 to 499 Traffic Provisioning, Translations, and Administration

DMS-10, Generic 200 Series

297-3001-100 General Description
297-3001-180 Engineering Description
297-3001-450 Traffic Provisioning
297-3001-456 Operational Measurements

DMS-10, Generic 300 Series

297-3301-100, 180, 450 and 456, titled same as 200 Series.
NTP 297-3341-100 and 101, Satellite Switching Office (SSO), Generic 300 Series.
DMS-10, Generic 400 Series

297-3401-100, 180, 450 and 456, titled same as 200 and 300 series. NTP 297-3401-105, Features and Series Description, is also a useful reference document.

Northern Telecom Letters - General

NTI Planning Letter
85-03-001, #2. DMS-10
400 Series Description
(dated 12-2-85)

DMS-10 400 Series hardware, software, memory, etc. detailed. Model office characteristics are also listed.

Bellcore Practices/Letters

BR 241-000-000

Numerical Index-Division 241-General Trade Switching System (listing of all Bellcore DMS-10 practices)

BR 241-100-010


BR 241-120-011

Line and Number Administration - Overview - Network Administration - DMS-10

BR 241-120-040

Data Management - Network Administration - DMS-10 Discusses Operational Measurements (OM) Data Collection and Analysis

BR 241-120-060

Machine Capacity Management - General Description - Network Administration - DMS-10
Network Design-Related
DMS-10 Documentation

Bellcore Practices/Letters

AR-TSY-000450

IL 83-10-075, dated 10-25-83
Describes DMS-10 207.9 Generic and details the DMS-10 Operations Plan for it. Section 2.3 specifically addresses Traffic/Equipment engineering.

SWBT Practices

SW 235-060-910
(Issue A, September 1984)
Network Design Order Preparation, DMS-10. Reflects Generic 300 Series

SW 241-060-910
Network Design Order Preparation, DMS-10. Reflects Generic 400 Series. (Practice Numbering Series changed to 241-XXX-XXX, General Trade Switching System 235-XXX-XXX is the AT&T 5ESS Number Series)

SWBT Letters

File Subject 225.0, dated 3-10-86, signed by AVP-Ntwk. Planning and AVP-NCOE
Provides SWBT guidelines for equal access recorded announcements in No. 1/1AESS, No. 2 BESS, 5ESS, DMS-100/200 and DMS-10. Provisioning Rules
Network Design-Related DMS-10 Documentation

SWBT Letters (continued)

File Subject 225.1001, dated 11-23-83, signed by AVP-NCOE

Technical Planning Statement (TPS), dated 2-1-84 on the DMS-10

Transmitted a listing of DMS-10 Network Design Reference Material available through November, 1983.

One of the first TPS issued on DMS-10. Lists compatibility statements with other support systems, general features, etc.

Meridian Business Services/Integrated Business System (IBS) and Enhanced Business System (EBS)

(Bellcore) AR-TSY-000450, Issue 1, November, 1986
DMS-10 Generic 401.34 Technical Analysis

Bellcore's analysis of the Enhanced Business Service (EBS) feature in the DMS-10.

Explains Enhanced Business Services (EBS) features and applications in the DMS-10.

Letter transmitting information of Generic 301 Centrex features, i.e., IBS. Initial information.

Describes the features of IBS, including which features are available in IBS I vs. IBS II (EBS). This PL discusses operational measurements available, etc.

Explains in detail what features exist with IBS/EBS, how they work, feature limitations, etc.

(NTI) Planning Letter 86-05-001, #1. DMS-10 Meridian Business Services (dated 7-28-86)

(NTI) Planning Letter 84-08-001, #2. DMS-10 Integrated Business Services

NTI Marketing Bulletin D-10 888, Issue #1, DMS-10 IBS availability in DMS-10 400 Series (dated 11-4-85)
Network Design-Related
DMS-10 Documentation

Meridian Business Services/Integrated Business System (IBS)
and Enhanced Business System (EBS) (Continued)

NTI Marketing Bulletin
D-10 8619, Issue #1,
Meridian Business Services,
(dated 6-2-86)

Provides information on Meridian
Business Services packages
available with DMS-10, i.e.,
IBS and EBS.

Satellite Switching System (SSO)

NTI Planning Letter
84-10-001, #4. SSO
Applications or the DMS-10
Family (dated 3-5-87)

Details description and
application of SSOs in DMS-10,
including hardware and software
information, features, etc.

NTI Marketing Bulletin
D-10 847, Issue 2, SSO
Cluster Configuration
(dated 1-13-86)

Overview and sketches of typical
SSO cluster arrangement,
features, etc.

Other Remotes

NTI Planning Letter
87-02-001, #1. DMS-10F
Subscriber Remote Interface
to the RLCM and OPM.
(dated 2-20-87)

Description of the hardware
required for DMS-10 host and
Remote Line Concentrating Module
(RLCM), capacities, etc.
(400 Series generic)

NTI Marketing Bulletin
D-10 8611, Issue #1. Preliminary
DMS-10 400 Series Remote Offerings
(dated 6-17-86)

Announces planned availability
dates for RLCM, Remote Sub-
scriber Line Module (RSLM), and
Outside Plant Concentrating
Module (RLCM/OPCM).
Network Design-Related
DMS-10 Documentation

EADAS (Engineering and Administrative Data Acquisition System)

IL 83-09-024,
dated 9-22-84

Describes EADAS Generic 1AEAD5, 1AEADAS. 1AEAD5 provides interface for the DMS-10. Brief information on reports obtainable via EADAS interface.

Northern Telecom Practices,
NTP 297-3XXX-456
and 456Z series on
Operational Measurements (OM)

NTP 297-3401-105

Describes what can be measured in the DMS-10 and how to get those measurements.

Integrated Services Digital Network (ISDN)

NTI Planning Letter
86-04-002, #1. Integrated Services
Digital Network (dated 4-7-86)

Details the planned hardware configuration for implementing ISDN in a DMS-10.

NTI Planning Letter
85-09-002, #1. Integrated Services
Digital Network (dated 10-14-85)

Same as above, but earlier edition mostly.

Equal Access

NTI Planning Letter
85-07-001, #1. DMS-10
Equal Access Plan
(dated 7-15-85)

Explains equal access capability and application in the DMS-10.
Network Design-Related
DMS-10 Documentation

AMA Data Collection and Storage

(NTI) DMS-10 Technical Specification
(400 Series, Issue 1 and earlier
issues for 200/300 Series)

Section 3 lists AMA features,
the section of the LSSGR
with which the feature is com-
patible, and the NTP reference
which contains more details

LAMA
Connection to CAMA Office
AMA Teleprocessing (AMAT S)

Detailed description, capa-
cities, and provisioning in-
formation on the NTI Cook
Electric Division's BMC, an
adjunct AMA transmitter for use
with AMA teleprocessing, host
collector

Integrated Digital Loop Carrier (IDLC)

Bellcore Special Report
SR-TAP-000506, Issue 1,
dated May, 1986

Digital Provisioning and
Administration Guidelines
(DPAG). IL 83-10-091,
Section 6 addresses load balance
and other traffic considerations
involved in deploying Integrated
Digital Loop Carrier (IDLC).
Document covers 5ESS application
mainly, but most of the same
principles apply to the DMS-10.

Details SLC-96 interface with
DMS-10, including hardware
information.

NTI Planning Letter 86-04-001,
Issue #1, DMS-10F Integrated
Subscriber Carrier Module
(dated 4-1-86)

Addresses methods for the DMS-100/SLC-96 integration process and associated load balance issues. Excellent reference document. Even though it is for DMS-100, a lot of the same principles apply to DMS-10.

R SLC-96 is a registered trademark of AT&T Technologies.