

INDEX OF NETWORK DESIGN-RELATED
DMS-10 DOCUMENTATION

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

PROPRIETARY

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Network Design-Related
DMS-10 Documentation

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.

Network Design-Related
DMS-10 Documentation

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

DMS Switching Systems Operations
Plan. Contains system descrip-
tion, engineering guidelines,
Network Administration guide-
lines, Maintenance procedures,
billing data handling, and
Network Management information
details.

BR 241-120-011

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

BR 241-120-040

Data Management - Network
Administration - DMS-10
Discusses Operational Measure-
ments (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

Technical Analysis Report,
Issue 1, November, 1986 DMS-10
Generic 401.34 Technical
Analysis Analysis of Enhanced
Business Service (EBS) feature.

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 Prepara-
tion, DMS-10 Reflects Generic
300 Series

SW 241-060-910

Network Design Order Prepara-
tion, 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 announce-
ments 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

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

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

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.

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

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

(SWBT) 205.0131, dated 9-30-83,
signed by Div. Staff Mgr.-Ntwk.
Planning and Switching Engr.

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

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

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

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

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

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 Subscriber 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 1AED5, 1AEADAS. 1AED5 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)

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

NTP 297-3401-105

EADAS Interface explained in this Features and Services Description NTP on DMS-10.

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)

NTP 297-3401-105
NTP 297-3401-304
NT 297-3201-100

SWBT Technical Planning
Statement (TPS) on the
Billing Media Converter
(BMC), dated 6-7-85

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

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

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.

Network Design-Related
DMS-10 Documentation

Integrated Digital Loop Carrier (IDLC) (Continued)

Bellcore IL 87/07-006, dated
July 2, 1987. Integrated
Digital Loop Carrier Load
Balance Procedures as Applied
to DMS-100/SLC-96.^R

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.

^RSLC-96 is a registered trademark of AT&T Technologies.