

Operations Support Systems Operation, Maintenance, and Administration

1. Purpose

- 1.01** This index provides a listing of documents in Division 190.
- 1.02** This index reverted to Issue 1 in July 1985. Prior to that date there had been 99 issues of the index.

2. How to Use This Index

- 2.01** For additional index information, refer to *AT&T Master Index — 9-digit Numbered Documents* AT&T 000-000-002. The Master Index contains all divisional indexes.

3. Conventions Used

- 3.01** A bullet (●) indicates an item that has been added or changed since the previous issue of the index.
- 3.02** An open square (□) indicates a cancelled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Cancelled items and related notes will be deleted upon reissue of the index.
- 3.03** A square with an enclosed "A" (Ⓐ) indicates an archived item. An archived document is one that, in all probability, will never be revised and/or has had no distribution activity for an extended period of time. Archived documents can be ordered.

- 3.04** A solid square (■) indicates that distribution of this item is limited.
- 3.05** A solid circle with an enclosed "1" (①) indicates an item that will not be distributed on standing order.
- 3.06** A solid triangle (▲) indicates a TOP (Task Oriented Practice).
- 3.07** An electronic media symbol (Ⓜ) indicates an item is available on CD-ROM, magnetic tape, or other electronic media.
- 3.08** Addendums, revisions, and supplements are listed *above* the associated document. Appendixes are listed *under* the associated document.

4. How to Order Documentation

- 4.01** To order this document:
- Within the continental United States, call 1-800-432-6600.
 - In Canada, call 1-800-256-1242.

5. How to Comment on This Index

- 5.01** AT&T values your opinion. We would like to know how well the index meets your needs.

Please send comments on this index to:

AT&T Number Assignment Administrator
 2400 Reynolda Rd., Department 4051
 Winston-Salem, NC 27106-4696

6. Contents of Division

6.01 This division is arranged in layers as follows:

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190-200-300	7	Operating and Routine Maintenance Procedures
190-200-310	5	Data Base Controller Operations
190-200-311	2	Equipment and Facility Assignment Controller Procedures
190-200-312	2	Maintenance Control and Maintenance Alarm Control Positions — General Operating Procedures

Number	Issue	Subject	Number	Issue	Subject
190-200-313	2	Maintenance Control and Maintenance Alarm Control Positions — Typical Trouble-Handling Procedures	190-203 SFMAC (Satellite Facility Maintenance Administration Center)		
190-200-314	3	Supervisory Controller Procedures	●■ 190-203-101	1	MONARC (Monitor and Remote Control) User Manual
190-200-500	4	Central Unit Test Procedures	190-205 SCOTS (Surveillance and Control of Transmission Systems)		
190-201 Alarm Centers			190-205-101	3	Transmission Maintenance System — General Description
190-201-010	1	Administration	190-205-102	3	Transmission Maintenance System — Central Terminal Description
190-202 FMAC (Facility Maintenance and Administration Center)			190-205-103	2	Transmission Maintenance System — Remote Equipment Description
190-202-004	1	Personnel Responsibilities	190-205-300	3	Central Terminal Operations
■ 190-202-010AC	1	FAMAS 2 Ticket Administration Procedures	190-205-301	3	Data Base Planning
190-202-041	1	Controlled Maintenance Plan — Operations Centers and Support Systems	190-205-302	3	Data Base Management
190-202-061	1	Standard Alarm Name and Status Indication Abbreviations — Description	190-205-303	3	Locally Defined Operations
■ 190-202-061AC	2	Standard Alarm Name and Status Indication Abbreviations — Description	190-205-500	2	System Maintenance
Addendum	1		190-205-502	2	Remote Maintenance
190-202-101	1	Organization, Responsibilities, and Objectives — Metropolitan	■ Addendum AC	1	
190-202-102	1	Operations Support Systems — Metropolitan	■ 190-205-601AC	1	Generic 3 With Generic 4 Enhanced Operations — System Description and Operation
190-202-103	1	Planning and Implementation — Metropolitan	■ Addendum AC	1	
■ 190-202-110AC	1	Facility Network Control Plan — Description	■ 190-205-602AC	1	Generic 3 With Generic 4 Enhanced Operations — Data Base and Program Implementation
190-202-201	1	Organization and Responsibilities	■ Addendum AC	1	
190-202-202	1	Operations Support Systems	■ 190-205-603AC	1	Generic 3 — Output Message Description
190-202-203	1	Planning and Implementation	190-206 TMAS (Transport Maintenance and Administration System)		
190-202-463	1	Alarm Surveillance Procedures and Responsibilities — Description	■ 190-206-101	4	User Reference Manual
■ 190-202-510AC	1	Facility Technical Assistance Support Plan — Description — Facility Technical Assistance Group (FTAG)	■ 190-206-103	3	Field User Reference Manual
190-202-760	1	73 Facility Provisioning Methods and Procedures	■ 190-206-105	3	System Administrator and Maintenance Manual
			■ 190-206-106	4	Data Base Administration and Operations Manual
			■ 190-206-107	4	User Programmability and Report Generation Manual
			■ 190-206-109	3	Output Message Manual
			■ 190-206-109	1	Output Message Manual

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190-207 COMPULERT			190-208-115	1	TRANSVU II Network Surveillance and Control System — 3.0 and 3.1 System Administration and Maintenance Manual
190-207-010	1	2CM3 Technical Description	■ Addendum	1	
190-207-100	1	System Administration Manual	■ 190-208-116	1	TRANSVU II Network Surveillance and Control System — Database Administration
190-207-110	1	Input/Output Messages	190-208-117	1	TRANSVU II Network Surveillance and Control System — User Programmability and Report Generation Manual
190-207-200	1	General Operations	■ 190-208-118	1	TRANSVU Network Surveillance and Control System — TNC User Reference Manual — Rel 3.0 and 3.1 (6-93)
190-207-210	1	User Guide	■ 190-208-119	1	TRANSVU II Network Surveillance and Control System — Output Message Manual — Rel 3.0 and 3.1 (6-93)
190-208 TRANSVU II Network Surveillance and Control Systems			190-209 ACORN Network Control System		
190-208-020	1	TRANSVU II Network Surveillance and Control System Planning and Implementation Guide	190-209-001	2	Administration and Operations Manual — 1.0.1 Documentation
■ Addendum	2		190-209-002	3	Maintenance Guide
■ 190-208-101	2	User Reference Manual (8-92)	190-209-010	2	Reference Guide
■ 190-208-103	2	Field User Reference Manual (8-92)	190-209-020	2	Central Processor Maintenance Guide
■ Addendum	2		190-209-021	1	Hub and Hub Expansion Unit Maintenance Guide
■ 190-208-105	3	Transvu II Network Surveillance and Control System — Administration and Maintenance Manual (4-93)	190-209-022	2	Satellite Maintenance Guide
Addendum	2		● 190-209-023	2	Performance Monitor Maintenance Guide
190-208-106	2	Data Base Administration and Operation Manual (8-92)	190-209-024	1	Satellite 2M
■ 190-208-107	2	TRANSVU II Network Surveillance and Control System — User Programmability and Report Generation Manual	190-209-025	1	HUB Installation Guide
■ 190-208-109	2	Output Message Manual (8-92)	190-209-026	1	Satellite 2 Installation Guide
Release 3.0/3.1			190-209-027	1	Performance Monitor Installation Guide
■ 190-208-111	1	TRANSVU II Network Surveillance and Control System — User Reference Manual Rel 3.0 and 3.1 (6-93)	190-209-101	1	Administration and Operations Manual — 1.1 Documentation
190-208-112	1	TRANSVU Network Surveillance and Control System 3.0 and 3.1 MAP Creation Guide	190-210 TASC (Telecommunications Alarm Surveillance and Control) System		
■ 190-208-113	1	TRANSVU II Network Surveillance and Control System — Field User Reference Manual — Rel 3.0 and 3.1 (6-93)	Methods		
■ 190-208-114	1	TRANSVU II Network Surveillance and Control System — System Administration and Maintenance Manual (Rel 3.1)	● 190-210-020	2	Administrative Procedures

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(Alarm Reference Guide) — Network Maintenance Management			190-211 DACSCAN		
● 190-210-050	2	No. 5 Crossbar	190-211-201	1	DACSCAN — 2000 Operation, Administration and Maintenance Guide
● 190-210-051	1	No. 1 Crossbar	190-211-203	1	DACSCAN — 2000 Controller
● 190-210-052	1	Crossbar Tandem	190-211-205	1	User Guide — Controller Operations and Administration User Guide
● 190-210-053	1	Step-by-Step System — No. 1, 350A, 355A	190-211-301	1	DACSCAN — 2000 User's Manual
190-210-054	2	Building and Power — Step-by-Step and Crossbar Switching Systems			
Description, Operation, and Maintenance			190-215 TOPAS (Testing Operation Provisioning Administration System)		
190-210-101	3	System Description — Generic 1 and Generic 2	■ 190-215-000AC	1	System Description/Engineering Guidelines/Administration Guidelines
190-210-102	3	Central Description — Generic 1	■ 190-215-011	1.3	Network 4.1 Release Notes
190-210-103	3	Remote Equipment Description — Generic 1(G1) and Generic 2(G2)	■ 190-215-101AC	2	System Administration and Operation System Description
190-210-112	1	Control Terminal Description Generic 2	■ 190-215-102AC	2	Network Testing and Maintenance — System Description
190-210-300	3	Central Operations — Generic 1	■ 190-215-103AC	2	Network Administration and Routing System Description
190-210-301	3	Data Base Planning for Generic 1 Using E2A SAC Remotes and CDO Satellite Units	■ 190-215-111AC	2	TOPAS User's Manual
190-210-302	3	Data Base Operations — Generic 1	■ 190-215-301AC	2	Network Testing and Maintenance Testing Procedures
190-210-303	3	Program Sequencer — Generic 1 and Generic 2	■ 190-215-310AC	2	Network Administration and Routing Provisioning Procedures
190-210-304	3	Generics 1 and 2 — Data Base Planning Using C1, E1, E2, and E2A APR Remotes	■ 190-215-320AC	2	System Administration and Operation Administration Procedures
190-210-305	1	Application Program Operations Generics 1 and 2	■ 190-215-321AC	2	Operational Maintenance Guide
190-210-310	1	Central Terminal Operations for Generic 2			
190-210-311	1	Data Base Planning for Generic 2 Using E2A SAC Remotes and CDO Satellite Units	190-220 RMMS (Regional Maintenance Management System)		
190-210-312	1	Data Base Operations — Generic 2	■ 190-220-000AC	1	System Documentation
190-210-500	3	System Maintenance — Generics 1 and 2	■ 190-220-001AC	1	Facility Testing — User's Guide
190-210-600	1	System Description and Operations	■ 190-220-004AC	1	Application and Utility Programs — Description and Application
190-210-601	1	Data Base and Program Implementation	190-220-010	1	Carrier Transmission Maintenance System (CTMS)/Trunk and Facility Maintenance System (TFMS) — Administrative Methods and Procedures
190-210-602	1	Output Message Description	■ 190-220-100AC	3	General Description
			■ 190-220-101AC	3	Central Description

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190-220-105	1	Carrier Transmission Maintenance System (CTMS)/Trunk and Facility Maintenance System (TFMS) — Routine Measurements
■ 190-220-300AC	2	General Operating Procedures
■ 190-220-301AC	3	Data Base Management
■ 190-220-500AC	3	Maintenance
■ 190-220-501AC	3	4M Multiplexor — Description, Operation, and Diagnostics
■ 190-220-550AC	3	General Administrative Procedures
■ 190-220-551AC	3	Routine Tests — Line and Multiplex Sections — Gain/Frequency Characteristics and Noise
■ Appendix 1AC	3	Routine Tests — Line and Multiplex Sections — Performance Indicate Calculations
■ 190-220-552AC	1	CPMP (Carrier Performance Measurement Program) — Description and Applications
■ 190-220-572AC	2	Demand Measurements

190-3 Central Office Maintenance Management

■ 190-304-103AC	2	CAMS Field User's Guide— Overview and Tasks (Vol. 1)— Screen Descriptions (Vol. 2)
■ 190-304-105AC	1	CAMS SME User Guide

190-305 COMMS (Central Office Maintenance Management System) — Preventive Maintenance

190-305-101	3	Description
190-305-102	2	Coordinators Guidelines
190-305-301	2	Equipment Inventory
190-305-302	3	Method of Handling Routine List, Scheduling Parameters, Local Routines & Local Equipment
190-305-303	2	Method of Handling Work Item List and PM Schedule
190-305-304	1	Method of Handling Work Orders
190-305-305	1	Teletypewriter Operating Procedures
190-305-306	2	Method of Handling Administrative and Summary Reports
190-305-307	2	Method of Updating

190-306 SCANS (Software Change Administration and Notification System)

● 190-306-010	2	System Administration
■ 190-306-100	2	High-Speed Terminal Interface
● 190-306-110	1	Overwrite Administration and Procedures In the Switching Control Center System — Description

190-4 Network Operations Systems

190-401 NSC (Network Service Center)

190-401-000	3	Information Resources Index
■ 190-401-004 AC	3	Network Administration and Routing — CNRDB/IRAS — Job Aid
■ 190-401-006AC	1	NSD (Network Services Division) — OSPS (Operator Service Position System) — Methods and Procedures
190-401-040	2	Description

NSCs for BOCs (Bell Operating Companies)

190-401-060	1	Management Guide
■ 190-401-060AC	1	AT&T Center Management Guide
190-401-070	1	Operations Guide
■ 190-401-070AC	1	AT&T Center Operations Guide
190-401-091	1	Operational Review — Introduction
190-401-093	1	Operational Review — Organization Checklist
190-401-095	1	Operational Review — Management Checklist
190-401-097	1	Operational Review — Operations Checklist
190-401-099	1	Operational Review — Review Summary Checklist

Administration, Operation, and Maintenance

190-401-100	1	Network Service Centers
■ 190-401-101AC	1	Customer Trouble Report (CTR) — Analyzation and Trouble Clearing Procedures — Customer Trouble Report Center
190-401-110	1	Network Task Force
■ 190-401-110AC	1	AT&T-C Long Distance Repair Service Center (LDRSC) — Functional Operation

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190-401-120	1	Area Network Service Center	190-401-405	1	Trouble Ticket — Description
■ 190-401-120AC	1	Customer Trouble Report Operations Support System (CTR OSS) — Description	190-401-415	1	Trouble Analysis — Introduction
■ Appendix 1AC	1	Customer Trouble Reporting Contact List	190-401-420	1	Trouble Analysis — Computerized Operator Trouble Report Analysis
■ Appendix 2AC	1	IDDD Countries — Alphabetical by Country Code	190-401-425	1	Trouble Analysis — Network Exception Reports
■ Appendix 3AC	1	IDDD Countries — Numerical by Country Code	190-401-430	1	Trouble Analysis — Local Maintenance, Trend, and Special Study Reports
■ Appendix 4AC	1	User Messages — CTR OSS Log On Procedure	190-401-435	1	Trouble Analysis — Administrative Reports
■ Appendix 5AC	1	CTR OSS Internal User Messages	190-401-440	1	Masterfile Maintenance — Introduction
190-401-130	1	Network Committee Organizations	190-401-445	1	Masterfile Maintenance — Switching Entity Definition (SED) Updates
190-401-140	1	Performance Measurement and Operational Review	190-401-450	1	Masterfile Maintenance — NPA-NXX Definition Updates
190-401-150	10	Directory	190-401-455	1	Masterfile Maintenance — Common Language Location Identification
190-401-230	1	Reorder Analysis	190-401-460	1	Masterfile Maintenance — Routing Specification List (RSL) Updates
190-401-240	2	Call Disposition Data (Service Evaluation) — Operations Support Systems	190-401-465	1	Masterfile Maintenance — Distribution Control File (DCF-1) Updates
190-401-241	1	SES 1A Interface With ATRS/NOTIS	190-401-470	1	Masterfile Maintenance — Multiple Destination Request (MDR) Updates
190-401-250	1	Call Sampling and Hold and Trace Procedures	190-401-475	1	Masterfile Maintenance — Operator Trunk Group (OTG) Updates
190-401-300	1	Equipment and Billing Accuracy Control (EBAC)	190-401-480	1	Job Aid — Masterfile Maintenance
Addendum	1		190-401-485	1	Job Aid — Masterfile Error Correction
190-401-301	1	Administration Guide — Message Recording Trunk Trouble Analysis (MRTTA) System	190-401-490	1	Job Aid — Masterfile Printouts
190-401-320	2	Automated Trouble Reporting System (ATRS)			
190-401-321	1	Central Unit — Operating Procedures — Automated Trouble Reporting System (ATRS)			
190-401-322	1	Trouble Locating Procedures			
190-401-330	1	Network Call Completion			
190-401-340	1	Phase 1 — Description and Planning			
190-401-352	1	Terminal Operations Guide — Mechanized Evaluation of Call Completion Anomalies (MECCA)			
NOTIS (Network Operations Trouble Information System)			190-402/403 LSU (Local Storage Unit) and CMDR (Centralized Message Detail Recorder)		
190-401-400	1	Trouble Reporting — Description and Procedures	94A Customer Premise System		
			▲190-402-000	3	Installation, Test and Maintenance
			190-402-100	3	94A LSU Descriptive Information
			190-402-200	3	Identification and Preinstallation Information

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190-402-250	1	Local Storage Unit (LSU) — Maintenance Support	■ 190-406-144	2	System Administration (Italtel SIP)
93B Customer Premise System			■ 190-406-146	2	User Guide (Italtel SIP)
▲ 190-403-000	1	Installation, Test and Maintenance	■ 190-406-147	2	Page Display User Guide (Italtel SIP)
190-403-100	3	Description Information	■ 190-406-148	2	Commands and System Responses (Italtel SIP)
190-403-250	1	Maintenance Support	NMS (Network Management System) — Netherlands		
190-406 NTMS (Network Traffic Management System)			■ 190-406-150	2	Netminder System Description
RNMS (Regional Network Management System)			☐■ 190-406-152	2	Netminder Record Base Administration
☐■ 190-406-100	3	System Description Generic 3.3 V1 Update for Financial Coding Guide for CSFO	■ 190-406-154	2	Netminder System Administration
☐■ 190-406-102	3	Record Base Administration Generic 3.3	■ 190-406-156	2	Netminder Network Management User's Guide
☐■ 190-406-104	3	System Administration Generic 3.3	☐■ 190-406-157	2	Netminder Display Guide
☐■ 190-406-106	3	Network Management User's Guide Generic 3.3	☐■ 190-406-158	2	Netminder Commands and System Responses
☐■ 190-406-107	3	Page/Display User's Guide Generic 3.3	NMS (Network Management System) — Taiwan		
☐■ 190-406-108	3	Commands and System Responses Generic 3.3	☐■ 190-406-160	1	System Description
Netminder			☐■ 190-406-162	1	Record Base Administration
☐■ 190-406-110	3	System Description	☐■ 190-406-164	1	System Administration
■ 190-406-112	3	Record Base Administration Guide	☐■ 190-406-166	1	Network Management User's Guide
■ 190-406-114	3	System Administration	☐■ 190-406-167	1	Page Display User Manual
☐■ 190-406-116	3.1	Network Management Guide	☐■ 190-406-168	1	Commands and System Responses
■ 190-406-117	3	Page/Display Guide	Network Traffic Management — Operations System (NTM-OS) — Korea		
■ 190-406-118	3	Commands/System Report	☐ 190-406-170	1	NTM-OS System Description
NMS (Network Management System) — Spain			☐ 190-406-172	1	Record Base Administration
■ 190-406-134	E	System Administration	☐ 190-406-173	1	Data Tables Reference Guide
■ 190-406-136	E	Users Guide	☐ 190-406-174	1	System Administration
■ 190-406-137	E	Page/Display User Guide	☐ 190-406-176	1	Network Management User's Guide
■ 190-406-138	E	Commands /System Responses	☐ 190-406-177	1	Page and Display User's Guide
INMS (Italy Network Management System)			☐ 190-406-178	1	Commands and System Responses
■ 190-406-140	2	System Description Manual (Italtel SIP)	☐ 190-406-179	1	NTM-OS Reports — User Guide
■ 190-406-141	1	SIP Document	No. 2 Network Traffic Management Operation System		
☐■ 190-406-142	2	Record Base Administration (Italtel SIP)	190-406-210	1	System Description
			190-406-211	1	NTMOS Complete Set
			190-406-212	1	Record Base Administration Guide

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190-406-214	1	System Administration Guide	■ 190-408-111	H	MFOSOP/02E Functions Manual (SCS) Vol. 1
190-406-216	1	Network Management User's Guide	■ 190-408-112	H	MFOSOP/02E Operation and Maintenance Manual (SCS) Vol. 1
190-406-217	1	Page Display User's Guide	■ 190-408-113	F	IN-MFOSCR/02E Commands and Reports Manual (SCS) Vol. 1
190-406-218	1	Commands/System Responses	■ 190-408-121	H	IN-MFOSFM/02E Functions Manual (SMS) Vol. 2
190-406-220	2	NTMOS System Description	■ 190-408-122	H	IN-MFOSOP/02E Operation and Maintenance Manual (SMS) Vol. 2
190-406-222	2	NTMOS Record Base Administration	■ 190-408-123	H	IN-MFOSCR/02E Commands and Reports Manual (SMS) Vol. 2
190-406-224	2	NTMOS System Administration	■ 190-408-124	H	IN-MFOSFM Functions Manual (SMS/DCRS) Vol. 2
190-406-225	2	NTMOS Display Users Guide	■ 190-408-125	H	IN-MFOSOP/02E Operation and Maintenance Manual (SMS/DCRS) Vol. 2
190-406-226	2	NTMOS Network Management Users Guide	■ 190-408-126	H	IN-MFOSCR/02E Commands and Reports Manual (SMS/DCRS) Vol. 2
190-406-227	2	NTMOS Page Users Guide	■ 190-408-131	H	IN-MFOSFM/02E Functions Manual (APS) Vol. 3
190-406-228	2	NTMOS Commands/System Responses	■ 190-408-132	G	IN-MFOSOP/02E Operation and Maintenance Manual (APS) Vol. 3
NMS (Network Management System) — Italy			■ 190-408-133	G	IN-MFOSCR/02E Commands and Reports Manual (APS) Vol. 3
■ 190-406-240	1	System Description	■ 190-408-141	F	IN-MFOSFM/02E Functions Manual (CCS) Vol. 4
■ 190-406-242	1	Record Base Administration	■ 190-408-142	F	IN-MFOSOP/02E Operation and Maintenance Manual (CCS) Vol. 4
■ 190-406-244	1	System Administration	■ 190-408-143	F	IN-MFOSCR/02E Commands and Reports Manual (CCS) Vol. 4
■ 190-406-246	1	Network Management Users Guide	■ 190-408-151	G	IN-MFOSFM/02E Functions Manual (TFS) Vol. 5
■ 190-406-247	1	Page and Display User Manual	■ 190-408-152	G	IN-MFOSOP/02E Operation and Maintenance Manual (TFS) Vol. 5
190-406-248	2	Commands and System Responses	■ 190-408-153	G	IN-MFOSCR/02E Commands and Reports Manual (TFS) Vol. 5
Reginal Network Management System (RNMS) Generic 5			■ 190-408-161	G	IN-MFOSFM/02E Functions Manual (SDAS) Vol. 6
System Description			■ 190-408-162	F	IN-MFOSOP/02E Operation and Maintenance Manual (SDAS) Vol. 6
Record Base Administration					
190-406-313	1	Data Tables			
190-406-314	1	System Administration Guide			
190-406-316	1	Network Management User's Guide			
190-406-317	1	Page Display User's Guide			
190-406-318	1	Commands/System Responses			
190-406-319	1	Report Users Guide			
190-407 FASTAR (Fast Automatic Restoration)					
■ 190-407-110	2	FASTAR— Operations and Maintenance Guide (OMG)— (Fast Automatic Restore)			
190-408 MFOS (Multifunction Operations Systems)					
MFOS Software Release 4 Documents					
■ 190-408-100	G	MFOSOP/02E Functions Manual Vol. 0			

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■ 190-408-163	G	IN-MFOSCR/02E Commands and Reports Manual (SDAS) Vol. 6
■ 190-408-164	G	IN-MFOSCR/02E Commands and Reports Manual (SDAS) (USA) Vol. 6B
■ 190-408-164KR	F	IN-MFOSCR/02E Commands and Reports Manual (SDAS) (Netherlands) Vol. 6B
■ 190-408-164NL	F	IN-MFOSCR/02E Commands and Reports Manual (SDAS) (Korea) Vol. 6B
■ 190-408-171	F	IN-MFOSFM/02E Functions Manual (TTS) Vol. 7
■ 190-408-172	F	IN-MFOSOP/02E Operation and Maintenance Manual (TTS) Vol. 7
■ 190-408-173	F	IN-MFOSCR/02E Commands and Reports Manual (TTS) Vol. 7
■ 190-408-181	F	IN-MFOSFM/02E Functions Manual (NMS) Vol. 8
■ 190-408-182	F	IN-MFOSOP/02E Operation and Maintenance Manual (NMS) Vol. 8
■ 190-408-183	F	IN-MFOSCR/02E Commands and Reports Manual (NMS) Vol. 8

MFOS Software Release 5.1 Documents

■ 190-408-201	E	IN-MFOS Functions Manual Vol.2
■ 190-408-202	D	IN-MFOS SCS (System Controller Subsystem) SSA (Subsystem Administrator) OP (Operations and Maintenance Procedures) Manual
■ 190-408-203	B	IN-MFOS SMS (Switch Maintenance Subsystem) SSA OP
■ 190-408-204	B	IN-MFOS SMS User OP
■ 190-408-205	A	IN-MFOS DCRS (Data Collection and Reporting Subsystem) SSA OP
■ 190-408-206	A	IN-MFOS DCRS User OP
■ 190-408-207	C	IN-MFOS APS (Alarm Processing Subsystem) SSA OP
■ 190-408-208	B	IN-MFOS APS User OP
■ 190-408-209	B	IN-MFOS CCS (Common Communication Subsystem) SSA OP
■ 190-408-210	B	IN-MFOS TFC (Traffic) SSA OP

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■ 190-408-211	B	IN-MFOS TFS User OP
■ 190-408-212	C	IN-MFOS SDAS (Switch Database Acquisition Subsystem) SSA OP
■ 190-408-213	C	IN-MFOS SDAS User OP
■ 190-408-214	A	IN-MFOS SDAS COM OP
■ 190-408-217	B	IN-MFOS SCS CR (Commands and Reports Manual)
■ 190-408-218	C	IN-MFOS SMS CR
■ 190-408-219	A	IN-MFOS DCRS CR
■ 190-408-220	C	IN-MFOS APS CR
■ 190-408-221	B	IN-MFOS CCS CR
■ 190-408-222	B	IN-MFOS TFS CR
■ 190-408-223	C	IN-MFOS SDAS CR
■ 190-408-224	D	IN-MFOS SDAS Masks CR
■ 190-408-224HDPT	D	IN-MFOS SDAS Masks CR

MFOS Software Release 5.2 Documents

■ 190-408-301	1	MFOS Functions Manual V2 Generic 5.2 (Fast Automatic Restore)
190-408-301ITSP	A	MFOS Operation System Manual (2 vols)
■ 190-408-311	1	MFOS/OP SCS (System Controller Subsystem) Installation Manual V1 Generic 5.2
■ 190-408-311ITSP	1	MFOS/OP SCS (System Controller Subsystem) Installation Manual V1 Generic 5.2 (SIP Co. Italy)
■ 190-408-312	1	MFOS/OP Maintenance Manual V1 Generic 5.2
■ 190-408-313	1	MFOS Commands and Reports SCS Generic 5.2 V1 Generic 5.2
190-408-313ITSP	A	MFOS CRMS Controller Subsystem
■ 190-408-321	1	MFOS/OP SMS (Switch Maintenance Subsystem) Administration Guide Generic 5.2
■ 190-408-321ITSP	A	MFOS/OP SMS (Switch Maintenance Subsystem) Administration Guide Generic 5.2 (SIP Co. Italy)
190-408-322	1	MFOS/OP SMS User Manual Generic 5.2
■ 190-408-322ITSP	A	MFOS/OP SMS User Manual Generic 5.2 (SIP Co. Italy)
■ 190-408-323	1	MFOSCR SMS Manuals V2 Generic 5.2

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■ 190-408-462	1	MFOS SDAS User — Operation and Maintenance Procedures	●■ 190-408-623	1	MFOS SMS — Commands and Reports, Volumes 1 and 2
190-408-471	1	MFOS Operation and Maintenance Procedures — TTS SSA/User	●■ 190-408-631	1	MFOS 6.1 APS Subsystem Administrator — Operation and Maintenance Procedures
190-408-473	1	MFOS TTS — Commands and Reports	●■ 190-408-632	1	MFOS 6.1 APS User — Operation and Maintenance Procedures
190-408-482	1	MDOS TTS User — Operation and Maintenance Procedures	●■ 190-408-633	1	MFOS 6.1 APS — Commands and Reports
190-408-483	1	MFOS TNS — Commands and Reports	●■ 190-408-641	1	MFOS CCS Subsystem Administrator and User — Operation and Maintenance Procedures
MFOS Software Release 5.4 Documents			●■ 190-408-643	1	MFOS CCS User — Operation and Maintenance Procedures
●■ 190-408-501	1	MFOS 5.4 Functions Manual	190-410 NETSTAR		
●■ 190-408-511	1	MFOS 5.4 SCS Software Installation	■ 190-410-301	1	NETSTAR Workstation Guide — BT V3
●■ 190-408-512	1	MFOS 5.4 SCS Routine Maintenance	■ 190-410-303	1	NETSTAR Console Users Guide V1
●■ 190-408-512	1	MFOS 5.4 SCS Commands and Reports	●■ 190-410-411	2	NETSTAR Workstation User Guide
■ 190-408-524	1	MFOS 5.4 DCRS System Administration V1	●■ 190-410-413	2	NETSTAR Console User Guide
●■ 190-408-525	1	MFOS 5.4 DCRS User Guide V1	■ 190-410-511	1	NETSTAR Workstation User Guide (Italcable Phase 2)
●■ 190-408-526	1	MFOS 5.4 DCRS Commands and Reports	■ 190-410-513	1	NETSTAR Console User Guide (Italcable Phase 2)
●■ 190-408-531	1	MFOS 5.4 APS System Administration	190-422 TNM (Total Network Management) Generic 2.3		
●■ 190-408-532	1	MFOS 5.4 APS User Guide	●■ 190-422-007	1	Common Platform Input Messages
●■ 190-408-533	1	MFOS 5.4 APS Commands and Reports	TNM Surveillance Module (TSM) 2.3		
●■ 190-408-541	1	MFOS 5.4 CCS System Administration	●■ 190-422-100	1	TSM (TNM Surveillance Module) User Guide
MFOS Software Release 6.1 Documents			●■ 190-422-101	1	TSM Administrator Guide
●■ 190-408-601	1	MFOS 6.1 SCS Functions — Overview and Reference	●■ 190-422-102	1	TSM Description
●■ 190-408-611	1	MFOS 6.1 SCS Software Installation — Operation and Maintenance Procedures	●■ 190-422-103	1	TSM Input Messages
●■ 190-408-612	1	MFOS 6.1 SCS Routine and Corrective Maintenance — Operation and Maintenance Procedures	●■ 190-422-104	1	TSM Output Messages
●■ 190-408-613	1	MFOS 6.1 SCS Commands and Reports	●■ 190-422-107	1	TSM Transition
●■ 190-408-621	1	MFOS 6.1 SMS Subsystem Administrator — Operation and Maintenance Procedures	TSM Application Guides 2.3		
●■ 190-408-622	1	MFOS SMS User Guide — Operation and Maintenance Procedures	●■ 190-422-109	1	TSM Application Guide — Contains 1AEAPS, 1A ESS, 1 ESS, 2 ESS, 2B ESS, 2STP, and 3 ESS

Number	Issue	Subject	Number	Issue	Subject
●■ 190-422-116	1	TSM Application Guide — Contains 4EAPS, 4ESS, 4ETOC, 5EMML, and 5EPDS	● 190-510-062	2	Individual Circuit Usage Recording Subsystem
●■ 190-422-121	1	TSM Application Guide — Contains BILLDATS , D5, DACS, DACS 2, DACS 3, DACS 4, DATAKIT , DATAKIT II, DMS 10, and DMS 100	190-510-100	2	Description
●■ 190-422-131	1	TSM Application Guide — Contains GTD-5, NCP, NDB, PSS, SELF, and UDCI	190-510-200	2	Descriptive Supplement for Network Maintenance
●■ 190-422-141	1	SCCS 13.3.1 to TNM Generic 2 Data Base Upgrade Guide	190-510-202	1	Traffic Data Converter SD-3B213-01 — Description
TNM Integration Module (TIM) 2.3			190-510-203	1	Pollable Data Terminal No. 1A (PDT-1A) SD-3B232-01 — Description
●■ 190-422-200	1	TIM User Guide	190-510-204	2	Central Unit — Operating Procedures
●■ 190-422-201	1	TIM Administrator Guide	190-510-205	2	Central Unit — Trouble Sectionalizingp
●■ 190-422-202	1	TIM Description	Traffic Data Converters		
●■ 190-422-203	1	TIM Output Messages	190-510-211	2	SD-3B213-01 — Remote Tests
TNM/TSM/TIM Feature Packages			190-510-212	2	SD-3B213-01 — Tests at Converter Location
●■ 190-422-300	1	TNMTRAN Feature Package	Addendum	1	
●■ 190-422-301	1	SS7(DSC) Feature Package	190-510-213	2	SD-3B213-01 — Trouble- Locating Procedures
●■ 190-422-302	1	SS7 Feature Package	190-510-214	2	SD-3B213-01 — Connection Verification Tests — Using Input Pulser SD-3B221- 01
●■ 190-422-303	1	NTMOS Host I/F Feature Package	190-510-215	2	SD-3B213-01 — Connection Verification Tests — Using Test Set SD-3B220-01
●■ 190-422-304	1	Event Correlation Ph. 1 Feature Package	190-510-216	2	SD-3B213-01 and SD-95968-01 — Channel Definition and Validation
5XPRESS™ (TNM)			190-510-217	2	SD-3B213-01 Associated With Traffic Usage Recorder (TUR) SD-95738-01 Equipped With Individual Circuit Usage Recorder (ICUR) Through Tests From Central Control Unit (CCU)
●■ 190-422-322	1	5XPRESS (TNM) User Guide	Pollable Data Terminals — PDT-1A and PDT-2A		
●■ 190-422-323	1	5XPRESS Switch Maintenance Expert 2.3 — Administration Guide	190-510-221	1	PDT-1A SD-3B232-01 — Remote Tests

190-5 Engineering and Administration Systems**190-510 EADAS (Engineering and Administrative Data Acquisition System)**

● 190-510-020	1	Pollable Data Terminal No. 2A (PDT-2A) — Data Collection Requirements
● 190-510-060	1	Load Measurement Facilities — General Description — Network Design
● 190-510-061	3	Determination of Quantities — Network Switching Engineering

Pollable Data Terminals — PDT-1A and PDT-2A

190-510-221	1	PDT-1A SD-3B232-01 — Remote Tests
190-510-222	1	PDT-1A SD-2B232-01 — Tests
190-510-223	1	PDT-1A SD-3B232-01 — Trouble Locating Procedures
190-510-225	1	PDT-2A With PDT-1A Output Format Used With EADAS — Description
190-510-226	1	PDT-2A Operation With EADAS — Tests and Trouble Locating Procedures

Number	Issue	Subject
System Information (Generic, Definitions, Maintenance, and Messages)		
● 190-510-406	1	Implementation — Coordination
● 190-510-410	1	Central Control Unit Operation
● 190-510-411	1	Load EADAS Generic — Position Practice
● 190-510-412	1	Supply, Modify, and Verify System Definitions — Position Practice
● 190-510-413	1	Maintain Magnetic Tape for Downstream Processing — Position Practice
● 190-510-416	1	Dial Administrator Teletypewriter Operation
● 190-510-418	1	System Definitions
● 190-510-420	1	Surveillance Applications
● 190-510-440	1	Operational Maintenance
● 190-510-441	1	Operational Maintenance — System Messages Catalog
Training Manuals and Guides		
● 190-510-470	1	Training Administration Guide
● 190-510-471	1	Instructor's Guide — Central Control Unit Management Training
● 190-510-472	1	Student Manual — Central Control Unit Management Training
● 190-510-473	1	Instructor's Guide — Central Control Unit Clerical Training
● 190-510-474	1	Student Manual — Central Control Unit Clerical Training
● 190-510-475	1	Dial Administrator's Student Manual
● 190-510-476	1	Dial Administrator's Training Monitor's Guide
Usage Recording		
● 190-510-501	2	Individual Circuit Usage Recoding - General Description — No. 1
● 190-510-504	1	Implementation — Job Ordering and Coordination — Individual Circuit Usage Recorder
● 190-510-520	1	System Definitions — Individual Circuit Usage Recorder

Number	Issue	Subject
190-511 EADAS 1A (Engineering and Administrative Data Acquisition System — 1A)		
● 190-511-060	2	Load Measurement Facilities — Description and Determination of Quantities — Network Switching Engineering — Operational Support Systems
● 190-511-100	1	Description
● 190-511-101	1	230A Repeater SD-5P001-01 — Description
● 190-511-201	1	Operating Procedures
● 190-511-202	2	Trouble Sectionalizing
190-512 EADAS/NORGEN (Engineering and Administrative Data Acquisition System — Network Operations Report Generator)		
● 190-512-000	1	General Description — Miscellaneous Systems
● 190-512-005	1	NORGEN — Record Base — Management and Administration — Miscellaneous Systems
● 190-512-010	1	NORGEN CCU Management and Administration — Miscellaneous Systems
● 190-512-015	1	Network Terminal Operations
Reports		
● 190-512-020	3	1/1A ESS Switches — Description
● 190-512-021	3	1/1A ESS Switches — Record Base, Calculation and Report Cross-Reference
● 190-512-022	3	No. 2/2B ESS Switches — Description
● 190-512-023	3	2/2B ESS Switches — Record Base, Calculation, and Report Cross-Reference
● 190-512-030	3	Step-by-Step — Description
● 190-512-031	3	Step-by-Step — Record Base, Calculation, and Report Cross-Reference
● 190-512-032	3	Step-by-Step Pollable Data Terminal (PDT) — Description
● 190-512-033	3	Step-by-Step Pollable Data Terminal (PDT) — Record Base, Calculation, and Report Cross-Reference
● 190-512-034	4	No. 1 Crossbar — Description

Number	Issue	Subject	Number	Issue	Subject
● 190-512-035	4	No. 1 Crossbar — Record Base, Calculation, and Report Cross-Reference	● 190-520-014	1	Complex Service Order Assignment — No. 5XB and No. 5 ETS — Telephone Number Management
● 190-512-036	3	Crossbar Tandem — Description	● 190-520-015	1	Complex Service Order Assignment — Step-by-Step Telephone Number Management
● 190-512-037	3	Crossbar Tandem — Record Base, Calculation, and Report Cross-Reference	● 190-520-017	2	Text Editor (TED) — File Description, Administration, and Input Procedures for Complex Service Assignment (CSA) and Non-CSA Applications
● 190-512-038	4	No. 5 Crossbar	● 190-520-020	1	Miscellaneous Number Assignment — Telephone Number Management
● 190-512-039	4	No. 5 Crossbar — Record Base, Calculations, and Report Cross-Reference	190-520-021	2	COSMOS/PREMISES Information System (PREMIS) Interface — Telephone Number Management
● 190-512-040	3	Trunking — Description	● 190-520-030	1	Overview and System Reports — Line Equipment Management
● 190-512-041	3	Trunking — Record Base, Calculation, and Report Cross-Reference	● 190-520-032	1	Entity Loading — Line Equipment Management
190-514 SONDS (Small Office Network Data System) and PDT-2A (Pollable Data Terminal No. 2A)			190-520-034	1	Line Equipment Transfers — Line Equipment Management
● 190-514-020	1	PDT-2A — Data Collection Requirements	● 190-520-035	1	Assignments — Complex Service Orders — Line Equipment Management
● 190-514-060	2	PDT-2A — Determination of Quantities	190-520-036	1	Class of Service Allocation — Line Equipment Management
190-514-101	3	SONDS Using PDT-2A — Description and Operation	190-520-037	1	Service Evaluation Assignment — Description
190-514-301	2	SONDS Using PDT-2A — Tests and Trouble Locating Procedures	● 190-520-040	2	General Overview — Data Base Maintenance Procedures
190-519 NAC (Network Administration Center)			● 190-520-041	2	Discrepancy Identification — Data Base Maintenance Procedures
190-519-600	1	Center Evaluation — Premises Information System (PREMIS)	● 190-520-042	3	Discrepancy Corrective Transactions — Data Base Maintenance Procedures
190-520 COSMOS (Computer System for Main Frame Operations) — Network Administration			● 190-520-050	1	System Backup Procedures
● 190-520-005	5	Operational Review — Procedures	● 190-520-051	2	Responsibilities for Area/Dial Transfers — Description
190-520-006	1	Operational Review — Generic 9.0 Procedures	● 190-520-060	1	Centrex Management — Guidelines
Addendum	1		190-520-100	2	System Description and Administration
190-520-007	2	Dedicated Inside Plant (DIP) Administration — Guidelines	190-520-220	1	Frame Management — Administrative Guidelines and Procedures
● 190-520-010	1	Overview and System Reports — Telephone Number Management			
190-520-011	2	Telephone Number Aging — Telephone Number Management			
● 190-520-013	2	Type and Status Changes — Telephone Number Management			

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190-521 RMAS (Remote Memory Administration System) and RMAP (Remote Memory Administration Position)			① 190-540-415	2	Data Base — Office and Trunking File Construction
190-521-101	1	RMAP — Description	① 190-540-418	3	General Description CRT Display System
190-521-200	2	RMAS — Description	① 190-540-419	4	Trunk Group Pages — CRT Display System
190-521-201	1	RMAP — Operating Procedures	① 190-540-420	1	Display System — Machine Data Displays
190-521-202	2	RMAP — Trouble Sectionalizing Addendum	① 190-540-421	3	Control Pages — Display System — Operations Support Systems
190-521-203	1	RMAP — Acceptance Tests	① 190-540-422	3	Input and Monitor Pages — Cathode Ray Tube Display System — Description
190-521-211	1	RMAS — Operating Procedures	① 190-540-423	2	Exception Pages — Cathode Ray Tube Display System — Description
190-521-212	1	RMAS — Trouble Isolation and Recovery Procedures	① 190-540-424	3	Analysis Pages — CRT Display System — Description
190-521-213	1	RMAS — Acceptance Test Procedures	① 190-540-425	1	Machine Data Pages — CRT Display System — General Description
190-521-214	1	RMAS — Retrofit Procedures	① 190-540-426	1	No. 4XB Machine Data Summary — CRT Display Pages
190-540 EADAS/NM (Engineering and Administrative Data Acquisition System/Network Management)			① 190-540-427	1	4ESS Switch Machine Data Summary — CRT Display Pages
① 190-540-060	1	Network Management	① 190-540-429	1	No. 5 Crossbar Machine Data Summary — Cathode Ray Tube Display Pages Description
190-540-100	4	Description	190-540-430	1	No. 1 Crossbar Machine Data Summary — Cathode Ray Tube Display Page Description
190-540-200	2	Descriptive Supplement for Network Maintenance	190-540-431	1	Step-by-Step Machine Data Summary — Cathode Ray Tube Display Page Description
190-540-201	2	Central Unit — Maintenance Operation Procedures	① 190-540-432	2	1/1A ESS Switches Cathode Ray Tube (CRT) Display Page Description
190-540-202	1	Central Unit — Trouble Sectionalizing EADAS/NM	① 190-540-434	1	1 ESS Traffic Direction — CRT Display Page
190-540-203	2	Wall Display Board — Assignment Guidelines	① 190-540-437	3	Reroute Package — Description
190-540-204	1	Wall Display Board — Tests	① 190-540-470	1	Central Control Unit Operations — Training Administration Guide
190-540-205	2	Interfaces — Integration Procedures and Tests	190-540-471	1	Instructor Guide — Central Control Unit Clerical Training
① 190-540-401	1	System Description	① 190-540-472	1	Central Control Unit Operations Training
① 190-540-406	2	Network Exception Display Board			
① 190-540-408	1	Central Control Unit — Administrative Procedures — Operating Support Systems			
① 190-540-409	2	Load Generic Program — Position Practice			
190-540-410	2	Load, Create, Install, and Back Up the Data Base — Position Practice			
① 190-540-411	2	General Central Control Unit (CCU) Operations — Position Guide			
① 190-540-414	3	Data Base Encoding Instructions			

Number	Issue	Subject
190-7 Integrated and Force Administration System		
190-701 IFFAS (Integrated Facilities and Force Administration System)		
190-701-100	1	Description and Operation
190-701-201	1	Trouble-Locating Procedures