

MCS 206
JANUARY
2008

List Of Drawings, Specifications and Instructions

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INDEX OF SPECIFICATIONS, INSTRUCTIONS AND DRAWINGS

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1 GENERAL

- 1.1 This Index lists traffic systems and signing drawings, specifications, instructions and other documents of a technical nature currently held in the Registry.
- 1.2 Documents may be downloaded from www.tssplansregistry.org Alternatively documents may be requested by post, fax, Email or HA e-mail to:-

tss Plans Registry
Zone 2/14E
Highways Agency
2 The Square
Temple Quay
Bristol
BS1 6HA
fax. 0117 3728271 (GTN 1371 8271)
Enquiry tel. 0117 3728270 (GTN 1371 8270)
Email: tss_plans_registry@highways.gsi.gov.uk
HA e-mail: tss plans registry (in Address Book under

Resources)

- 1.3 Asteriskd items have been issued, revised or allocated since the previous issue of MCS 206.
- 1.4 Documents marked "(a)" have been allocated numbers but have not yet been issued. Titles may be amended between allocation and issue.
- 1.5 Documents marked "(d)" are in draft form for comments only. The previous issue, if any, has been withdrawn and the draft may only be used on written instruction from the Authority (Safety, Standards and Research Directorate, Highways Agency).
- 1.6 Documents that were given numbers and titles before January 1977 and were not issued, produced or implemented, or have been superseded, are normally excluded from the Index.

2 CLASSIFICATION OF TSS TECHNICAL DOCUMENTS

- 2.1 Prefix **MCA** Drawing sequence used between 1968 and 1983 for site specific equipment details and general arrangements. Included are traffic signal details, display diagrams, mimics, loading schedules and telephone connections. Although some of these drawings may be extant they are not listed in the index. Enquiries to Plans Registry.

Prefix **MCB** Drawing sequence used between 1968 and 1983 for circuit diagrams of equipment. Included are equipment Types 11A, 42, 302, 304, 410A, 700, 3200, 3531, 3532, 7007 and DUET. Although some of these drawings may be extant they not listed in the index. Enquiries to Plans Registry.

- Prefix **MCC** Drawing sequence used between 1968 and 1981 for equipment layouts. Included are layouts for signals and counting loops. Although some of these drawings may be extant they are not listed in the index. Enquiries to Plans Registry.
- Prefix **MCD** Drawing sequence used between 1968 and 1981 for scheme maps and scheme schematic diagrams.
- Prefix **MCE** Specifications for equipment. Also see "TR's"
- Prefix **MCF** Specifications for works. Subject areas include; installation and commissioning, maintenance requirements for a particular installation, and supply and delivery.
- Prefix **MCG** Specifications for testing. Also see "TRG's".
- Prefix **MCH** Instructions. A general sequence for; handbooks, guides, instructions, request forms, procedures, reports and records. Also see "TRH's".
- Prefix **MCJ** Drawing sequence used upto 1989 for jigs, dies and moulding tools. Only three drawings issued.
- Prefix **MCK** Amendment specifications. Sequence used to expedite into the public domain amendments to specifications pending full reissue of specification. Reserved for high priority amendments, such as safety related.
- Prefix **MCL** Prefix reserved for drawings, specifications, records and maintenance manuals for lines and transmission systems. Full list is in MCS 212.
- Prefix **MCS** Circulars dealing with the administration of technical documents. These are internal TSS documents, except for MCS 206 and 212.
- Prefix **MCX** Drawing sequence used since February 1982 for equipment and other items that are not site specific. Examples are; standard installation drawings, cabinets, circuit diagrams and printed circuit boards.
- Prefix **MCY** Drawing sequence used since February 1982 for site specific as-laid records.
- Prefix **MCZ** Drawing sequence used since February 1982 for drawing that do not fit into any other category, also includes bar charts, schedules, maps.

Prefix **TR** Specifications for equipment. These specifications have been notified to the EC in accordance with Directive 83/189/EEC. Also see "MCE's".

Prefix **TRG** Specifications for testing. These specifications have been notified to the EC in accordance with Directive 83/189/EEC. Also see "MCG's".

Prefix **TRH** Instructions. These instructions have been notified to the EC in accordance with Directive 83/189/EEC. Also see "MCH's".

2.0 Specification Revisions

2.1 The table below lists documents that have been issued, revised or allocated since the previous issue of MCS206.

Type	Number	Issue Date	Title	Issue
MCE	0104	8/07	HADECS Digital Speed Enforcement Equipment Requirements	A
MCE	0105	8/07	HADECS Remote Evidence Retrieval System Requirements	A
MCE	0106	8/07	HADECS Evidence Processing System Requirements	A
MCE	0118	9/07	Video Information Highway Enhanced Video Client (EVC) Specification	B
MCE	1051	8/07	MIDAS Map Setup Requirement Specification	A
MCE	1056	11/07	WOIF Colours, Symbols & Maps	(a)
MCE	1057	11/07	MIDAS Site Data Summariser Requirement Specification	(a)
MCG	1301	8/07	MIDAS Map Setup Acceptance Test Specification	A
MCG	1310	11/07	MIDAS Site Data Summariser Acceptance Test Specification	(a)
MCH	1544	12/07	"Variable Mandatory Speed Limits (Controlled Motorway) Reference Guide"	A
MCH	1782	8/07	Operational Telephony Traffic Routing Resilience and Business Continuity	A
MCH	1788	11/07	Advanced Motorway Indicator and HADECS Enforcement Equipment Special Maintenance Procedures	(a)
MCH	1789	11/07	HA Technology Systems - Faults Procedure	A
MCH	1790	12/07	Schema for IP Address Plug Type 9300	(a)
MCH	1856	7/07	NMCS2 Meteorological Subsystem Overview	C
MCH	1881	11/07	Permit to Access RCC and do Work	C
MCH	2457	7/07	TTD Change Control Risk Assessment Application Guide	(a)
MCH	2458	7/07	Risk Management Report Template	(a)
MCH	2459	7/07	TTD Information Security Policy	(a)
MCH	2460	7/07	TJSWG Terms of Reference	(a)
MCH	2470	12/07	Ramp Metering Technical Design Guidelines	(a)
MCH	2471	12/07	Ramp Metering Installation Guidelines	(a)

Type	Number	Issue Date	Title	Issue
MCH	2472	12/07	Ramp Metering Configuration Setup and Management Guidelines	(a)
MCH	2473	12/07	Ramp Metering Calibration Guidelines	(a)
MCH	2474	12/07	Ramp Metering Operational Procedures	(a)
MCH	2475	12/07	Ramp Metering Maintenance Procedures	(a)
MCX	0048	8/07	HADECS Drawing EE Typical Layout Lightweight Gantry	A
MCX	0048	8/07	HADECS Drawing EE Drawing Index	A
MCX	0048	8/07	HADECS Drawing EE Typical Layout SNMD Gantry	A
MCX	0048	8/07	HADECS Drawing EE Typical Layout Gifford Gantry	A
MCX	0048	8/07	HADECS Drawing EE Head Unit Typical Installation SNMD Gantry	A
MCX	0048	8/07	HADECS Drawing EE Head Unit Typical Installation Gifford Gantry	A
MCX	0048	8/07	HADECS Drawing EE Head Unit (Example)	A
MCX	0048	8/07	HADECS Drawing Digital Enforcement Equipment Support Details	A
MCX	0048	8/07	HADECS Drawing EE Head Unit Mounting Bracket	A
MCX	0051	11/07	Installation Drawing - Variable Message Sign	(a)
TR	2518	7/07	Performance Specification for Highways Agency Transportable (Mobile) Variable	(a)
TR	2519	11/07	Specifications for Gantry Mounted Signing Equipment (MS 2x12)	A
TR	2521	11/07	Gantry Mounted Signalling and Signing Equipment Interfacing Specification	A
TRH	1642	11/07	Motorway Signals Mk3-Infrastructure Design Guide	D

**MCS 206
Section A**

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCE	0104		A	8/07	HADECS Digital Speed Enforcement Equipment Requirements
MCE	0105		A	8/07	HADECS Remote Evidence Retrieval System Requirements
MCE	0106		A	8/07	HADECS Evidence Processing System Requirements
MCE	0107		B	7/06	NMCS2 Ambient Light Monitor (ALM) Equipment Requirements
MCE	0108		C	3/02	Siting of Inductive Loops for Vehicle Detecting Equipments at Permanent Road Traffic Signal Installations
MCE	0110		B	7/06	NMCS2 Ambient Light Monitor (ALM) Equipment Requirements
MCE	0112		(a)	12/04	Controlled Motorway - Advanced Motorway Indicator (AMI) Structural Arrangements
MCE	0114		A	8/06	Video Information Highway HVACI/VC Interface for TVNP CCTV Systems
MCE	0115		A	1/74	Inductive Loop Vehicle Counting Equipment
MCE	0116		B	10/06	NMCS Network Time Protocol Implementation
MCE	0117		A	12/76	Inductive Loop Vehicle Identification Equipment amended by MCK 1062
MCE	0118		B	9/07	Video Information Highway Enhanced Video Client (EVC) Specification
MCE	0119		B	12/06	Command and Control Statement of Requirements
MCE	0120		B	1/06	ICCS Statement of Requirements
MCE	0121		B	1/06	Managed Radio Service Statement of Requirements
MCE	0122		A	1/06	Mobile Data Logger Statement of Requirements
MCE	0123		A	1/06	HA Radio Terminals Statement of Requirements
MCE	0126		(a)	11/05	Motorway Signal Mark 4 (MS4) - Requirement for Portal Gantry Interface
MCE	0127		A	6/06	Midas Gold System Requirement Specification
MCE	0128		C	10/06	RCC Technology National Support Telephony Statement of Requirements
MCE	0129		(a)	1/06	Technical Requirement for Meteorological Outstation Equipment Interface Unit
MCE	0133		(a)	3/06	Message Signs and Motorway Signals MK4 (MS4) Requirements for Portal Gantry Interface Frames

**MCS 206
Section A**

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCE	0153		A	3/87	Variable Message Signs Controls and Monitoring via the PSTN - Functional
MCE	0159		A		Emergency Telephones for All Purpose Trunk Roads Utilising Cellular Radio Networks
MCE	0162		A	3/89	Emergency Telephones for All Purpose Trunk Roads Utilising the PSTN - Functional Specification
MCE	0300		C	4/75	General Specification
MCE	0312		C	4/75	Data Transmission System Traffic Control
MCE	0316		A	10/73	Traffic Signal Controller modifications
MCE	0360		C	7/83	Urban Town Traffic Control - Functional Specification
MCE	0361		A	8/81	High Capacity data transmission system for use in UTC
MCE	1051		A	8/07	MIDAS Map Setup Requirement Specification
MCE	1052		(a)	5/07	MIDAS Replay System Requirement Specification
MCE	1056		(a)	11/07	WOIF Colours, Symbols & Maps
MCE	1057		(a)	11/07	MIDAS Site Data Summariser Requirement Specification
MCE	1109		J	5/07	Post Type 75E
MCE	1126		B	5/07	NMCS Internet Interface Specification
MCE	1130		(d)	7/03	New Generation Fibre Optic Above Ground Cable Joint
MCE	1132		(a)		NMCS2 Legacy Interface Transponder
MCE	1135		(a)	1/04	NMCS2 Windows Operator Interface
MCE	1136		A	10/70	Detector 509 (Loop)
MCE	1137		B	8/06	NMCS IP Address Plug Type 9300 Hardware and Software Requirements
MCE	1157		E	7/06	Lantern Type 73 & 82
MCE	1158		B	7/84	Signal frames 200 Series
MCE	1162		A	5/69	Radar Speed Meter
MCE	1163		A	2/71	Road Surface Temperature measuring equipment
MCE	1164		A	1/71	Road Surface Moisture Detector

**MCS 206
Section A**

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCE	1166		A	12/70	Special requirements for motorway traffic and meteorological sensing equipment
MCE	1167		A	2/71	Windspeed Measuring Equipment
MCE	1168		A	2/71	Air Temperature Measuring Equipment
MCE	1169		A	2/71	Wind Direction Sensor
MCE	1170		A	1/71	Road Surface moisture salinity detector
MCE	1171		A	1/71	Visibility detector
MCE	1172		A	1/71	Snow and ice detector
MCE	1175		G	5/07	Plinth 610
MCE	1178		B	10/69	Modems 800 and 1100 - 200 Baud
MCE	1188		H	5/07	Cabinet Type 609D
MCE	1189		D	4/84	Box 612A
MCE	1191		C	1/71	Post cap and Signal Frame cap 79
MCE	1194		K	12/85	Equipment for Temporary Telephone system
MCE	1198		A	9/70	A40 Hillside Monitoring System
MCE	1203		A	4/70	Extension Tube 74
MCE	1204		(d)	10/72	Coder 505
MCE	1205		B	2/07	2nd Generation CCTV TVSS Certification Package
MCE	1217		B	3/74	Repair Specification for Actuator 62
MCE	1232		A	9/73	Battery 63
MCE	1236		G	11/96	Telephone Housing 611
MCE	1242		B	11/84	Telephone Instrument 352
MCE	1247		D	2/99	Post 71
MCE	1255		F	10/06	Box 615B
MCE	1266		C	9/84	Cabinet 617
MCE	1270		A	11/74	Signal Control and Switching Unit
MCE	1271		A	11/74	Control Equipment for Signal Control and Switching Unit
MCE	1282		A	12/75	Isolator Switch 8001

**MCS 206
Section A**

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCE	1292		H	1/97	Service Specification for the Maintenance of the National Motorways Transmission Network using a Dedicated Team.
MCE	1293		A	2/77	Modem Sub Unit 7008
MCE	1304		A	7/77	Telephone Switch Board Cable 7/771305(a) Tag Strip type 8006
MCE the	1308		F	12/83	Service Specification for the maintenance of motorway communications system
MCE	1328		D	9/83	Fibre optic/communications cable
MCE	1341		A	4/82	Service Specification for the Maintenance of Traffic Surveillance Systems
MCE	1346		A	7/83	Department of Transport NMCS Common Interfaces
MCE	1347		A	2/83	Box 615
MCE	1351		A	9/83	Visibility Detector (Transmissometer)
MCE	1884		A	11/06	RCC Operational Telephony Test Strategy
MCE	1965		(a)	7/05	Ramp Metering System Procurement Specification
MCE	2004		C	8/81	Motorway M25 Closed Circuit television
MCE	2006		A	4/83	Twisted Pair Transmission (CCTV) M32/M4 Bristol-Almondsbury and M25 Merstham- Chevening
MCE	2007		A	5/83	Operational Requirement for Traffic Monitoring on M1 using Video Cameras.
MCE	2015		F	10/96	CCTV Control and Transmission
MCE	2022		E	2/199	Movement Control Specification Requirements of Cable Repair Kit for the Temporary Repair of Copper Communications and Power Cables
MCE	2022		F	7/06	Requirements of Cable Joint Repair Kit For the Temporary Repair of Copper Communications and Power Cable
MCE	2026		B	7/88	Functional Specification for Roadside Fog Warning Equipment (See also MCK 1077A)
MCE	2051		A	5/87	Coaxial Cables for CCTV
MCE	2059		A	10/87	Controller For Low Profile Lane Marker Traffic Control Systems
MCE	2060		A	10/87	Specification For Low Profile Lane Markers

Section A

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCE	2061		B	3/88	Replaceable Axle Sensor and Mounting System
MCE	2069		B	1/89	Engineers Terminal for NMCS2
MCE	2071		A	4/99	Security Access Control System (Transmission Station).
MCE	2075		B	12/88	Replaceable Axle Sensor System Installation Specification
MCE	2080		C	10/90	NMCS2 - Variable Message Signs (Mode) Sub System
MCE	2083		B	5/91	Responder 704 Type
MCE	2089		B	2/89	NMCS2 Automatic Motorway Fog Warning System
MCE	2090		B	11/88	Indicator Type 400 Fitting of Red X using Light Emitting Diodes
MCE	2092		A	9/88	Test Rig for Telephone Unit Type 3148
MCE	2093		A	12/88	Approval of Testing and Termination Contractors for Work on DTp Motorway Communications Cables
MCE	2094		A	12/88	Functional Specification of Assessment System Equipment for M25 Automatic Fog Warning System
MCE	2099		A	2/89	Transponder Simulator Work Specification
MCE	2103		O	1/05	NMCS2 Signal Sequencing Rule Specification
MCE	2108		C		620 Cabinet for BT Interfaces
MCE	2147		A	11/92	Cellular radio emergency telephones
MCE	2148		B	4/97	Functional Specification for the Maidstone, Kent Control Office NMCS2 Dynamic Display
MCE	2181		A	6/94	Requirements for the Provision of Copper Comms Cable, Temporary Jointing Training
MCE	2183		D	6/00	Single-Ended Cable Joint Enclosures
MCE	2184		(a)	4/97	NMCS Building Out Capacitors.
MCE	2201		B	4/05	NMCS2 Meteorological Subsystem Functional Specification
MCE	2205		A	3/00	Requirements of the NOMAD Barcode Reader System
MCE	2207		B	5/00	Primary Multiplexing (Access) Equipment Specification

**MCS 206
Section A**

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCE	2208		B	5/00	Synchronous Digital Hierarchy Equipment Specification
MCE	2209		A	3/00	Asynchronous Transfer Mode Equipment Specification
MCE	2212		B	8/06	NMCS2 Meteorological Subsystem Third Party System Link Specification
MCE	2214		B	6/06	Motorway Signal MK4(MS4) Requirement for Signal Equipment (Display & Communications Electronics)
MCE	2215		B	7/06	Motorway Signal MK4(MS4) Requirement for Enclosures, Mounting Brackets, Cantilever Structures and Holding Down Arrangement
MCE	2216		A	9/03	Video Information Highway "Management Overview"
MCE	2217		F	3/05	-48v Battery Backed Power Supply Equipment Specification
MCE	2222		A	5/02	NMCS2 Regional Network Management System
MCE	2229		(a)	1/01	RM Control System Specification
MCE	2232		(a)	1/01	RM Control Strategies and Algorithm Specifications
MCE	2234		(a)	1/01	RM - MIDAS System Requirements
MCE	2235		(a)	1/01	RM Control Outstation (RM-CO) Specification
MCE	2236		(a)	1/01	RM Performance Specification
MCE	2237		(a)	1/01	RM System Acceptance Test Specification
MCE	2238		(a)	1/01	RM-CO Acceptance Test Specification
MCE	2239		B	12/04	Second Generation CCTV - Television Base Station Specification
MCE	2240		B	12/04	Second Generation CCTV - Centre to Field Communication Specification
MCE	2241		C	5/07	Second Generation CCTV - Television Slave Station Specification
MCE	2242		B	12/04	Video Information Highway - Interface Specification
MCE	2243		(a)	1/02	Video Information Highway - Gateway Specification
MCE	2244		B	8/06	NMCS2 Central Logging Interface

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCE	2246		A	9/03	Video Information Highway Video Access Client Interface (HVACI) Specification
MCE	2247		A	9/03	Video Information Highway Video Client Gateway (HVCG) Specification
MCE	2248		B	12/04	Video Information Highway Video Client (VC) Specification
MCE	2249		(d)	6/03	Above Ground Copper Cable Joint
MCE	2414		A	6/07	NMCS HA TMS Data Entry Package Requirement Specification

**MCS 206
Section B**

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCF	1924		E	1/97	Motorway Communications Maintenance Works Specification National Transmission
MCF	2021		B	7/79	Works specification for the maintenance of the National Motorway Communications System. Instations in the following regions of the DTp:- North Western, Eastern, South Eastern
MCF	2030		D	2/86	Works Specification for the Maintenance of M/Way Communications Systems of the M4 (MET)
MCF	2048		B	6/80	Supply, installation and commissioning of CCTV equipment in the West Midland region (Gravelly Hill to Coleshill)
MCF	2050		(a)	1/07	IPL Software Maintenance for Logging, MIDAS, MSS and Site Data Work
MCF	2055		(a)	1/07	National Roads Telecommunications Service Project - Departments Agent Brief
MCF	2064		C	6/07	2nd Generation CCTV TVSS Product/Works Specification
MCF	2071		A	9/81	Works Specification Chigwell CCTV system
MCF	2073		A	9/81	M25 Chigwell control office area close circuit television system works specification
MCF	2075		D	11/82	Work Specification Heston CCTV System
MCF	2090		C	11/83	Motorway Communications Maintenance Work Specification - Chigwell
MCF	2134		B	10/83	Motorway Communications maintenance instation in GLRT, SW, E, SE Regions.
MCF	2139		A	11/83	Supply Installation and Commissioning of Fog Detector System for M25 motorway (MoleValley).
MCF	2167		F	11/91	Motorway Communications Maintenance Works Specification - South East Regional
MCF	2170		E	1/93	Motorway Communications Maintenance Works Specification - East Midlands Region
MCF	2201		E	11/96	Works Specification for the contracting out of the Highways Agency stores operation at Kennedy Way, Yate.

**MCS 206
Section B**

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCF	2217		B	7/89	Supply of NMCS1-2 Interface Transponder Outstation Equipment for Motorway Signalling Programme
MCF	2221		F	2/94	Motorway Communications Maintenance Work Specification - North Western Region
MCF	2222		B		Movement control works specifications for the installation and commissioning of NMCS2 signal outstation on the M63 Motorway
MCF	2225		A	3/88	Automated Traffic Data Collection System (core census) works specification for maintenance of software system
MCF	2226		D	5/91	Motorway Communications Maintenance Work Specification - NMCS2 North Western
MCF	2227		A	10/88	Supply, Installation and Commissioning of Automatic Fog Detection Equipment for M25 Motorway
MCF	2231		B	2/89	Installation, Testing and Commissioning of Phase 3 Telephone System Equipment, and NMCS2 Signal System Equipment for The Dartford to Thurrock River Crossing Works
MCF	2233		B	6/94	Supply Installation and Commissioning of Digital Transmission Equipment
MCF	2246		B	9/97	Works Specification for the Maintenance Service of a National Motorways Communications Central Processor System
MCF	2248		H	10/00	Work Specification for NMCS Software Maintenance Contractors
MCF	2252		F	7/92	Maintenance of National Motorway Communication Equipment using a dedicated team
MCF	2253		A	3/90	Application Work Spec for NMCS software Site Data Management
MCF	2256		B	6/90	W Mids NMCS2 System: Software Audit Consultants Brief
MCF	2257		B	5/95	Works Spec for NMCS Software Change Management Support
MCF	2258		A	1/91	Supply, Install and Commissioning of New M-Way Signals and VMS for the M25 M-Way

**MCS 206
Section B**

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCF	2260		A	8/90	Works Spec for the Maintenance Service of a National M-Way Comms CCTV Surveillance System
MCF	2261		A	3/91	Provision of Permanent CCTV Outstations with Temporary Comms Links
MCF	2270		A	3/91	Kent: Maidstone Control Office Provision of NMCS2 - Consultants Brief
MCF	2273		A	2/91	Spec for the Supply of Data Transmission Equipment
MCF	2274		A	4/91	M25 Automatic Fog Warning System/Operational Evaluation
MCF	2279		A	7/91	Software Quality Assurance Consultancy
MCF	2280		B	2/97	Upgrading & refurbishment of Carriageway and Lane Signals in the Indicator 400 Series
MCF	2281		B	7/92	Spec for the Plan Control Function of the Kent Corridor Strategic Traffic Management System.
MCF	2282		B	5/98	NMCS2 Compatibility Testing Requirements for Equipment and Systems
MCF	2283		C	9/93	Consultants Brief: Review of NMCS Maintenance Operations
MCF	2285		A	4/94	Supply of EMS Sub-Systems for Integration into NMCS2
MCF	2286		A	3/92	Work Spec Maidstone CO Area - M-Way CCTV Surveillance System.
MCF	2288		A	4/92	Works Requirement for Maintenance of W-I-M Equipment
MCF	2296		A	3/93	Consultants Brief - Revision of NMCS Operational Software Maintenance Contract Requirements
MCF	2297		A	10/92	Works Specification for the Supply of Transmission Cabinets and Cable Termination Frames and Enclosures
MCF	2298		A	10/92	Works Specification for the Design, Development and Supply of Transmission Alarm Monitoring and Changeover Equipment

**MCS 206
Section B**

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCF	2299		C	2/93	Supply, installation and maintenance of Cellular Radio Emergency Telephones for use on All Purpose Trunk Roads
MCF	2300		A	5/93	Supply of NMCS2 Common Interface Unit Type 9334
MCF	2301		A	11/92	M25 Trial of MS2 & EMS Phase 3 Brief for Roadside Works
MCF	2302		B	5/94	Movement Control Specification for the Installation and Commissioning of NMCS2 Signal Out-stations in the following on M/Way Areas M1, M5, M6 and M20
MCF	2306		A	2/93	Application Work Specification for Support of SPCL Software
MCF	2309		A	6/93	Heston & Welwyn Control Office Upgrade and Subsystem Integration Software
MCF	2310		A	6/94	Design ,Supply ,Instillation and Maintenance of Emergency Roadside Telephones
MCF	2312		A	6/93	M25 Motorway Godstone CO Area: Controlled Motorways Pilot Scheme:
MCF	2314		B	6/94	Provision of MIDAS Outstation Equipment
MCF	2315		B	6/94	Provision of MIDAS Instation Equipment
MCF	2317		A	10/93	Provision of MIDAS - Combined Outstation and Outstation Equipment
MCF	2318		A	10/93	MIDAS - Software Maintenance Works specification
MCF	2319		A	10/93	COBS (Batch 2) Software Maintenance Works Specification
MCF	2320		B	12/97	Message Sign Sub-System Software Maintenance Work Specification
MCF	2321		A	5/94	MS2 and EMI Equipment (Phase 1) Software Upgrade Requirements
MCF	2322		A	12/93	Study Brief for CCTV Control and Video Over Single Fibre Optic Core
MCF	2326		D	8/99	Contractors Brief NMCS2 Technical Specifications Management.

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCF	2327		D	9/05	Motorway and Trunk Road Technology Maintenance Service Provider's Brief for Technology Maintenance Standards, Evaluation & Resource Service (TechMASTERS)
MCF	2329		B	5/94	Motorway Tolling Trial Site - Consultants Brief
MCF	2331		L	9/02	Motorway and Trunk Road Communications Maintenance Maintenance Service Specification
MCF	2340		C	7/02	Installation and Commissioning of NMCS Outstation Equipment and Associated Works (Including Decommissioning)
MCF	2342		C	11/03	Work Specification for an NMCS Software Maintenance Manager.
MCF	2344		A	7/95	Motorway & Trunk Road Communications Maintenance Consultants Brief: Communications & Electrical Services
MCF	2346		C	12/95	Motorway & Trunk Road Communications Maintenance. Northern Contract 1 (West) System Specification
MCF	2347		B	2/98	NMCS2 CCTV TCP/IP Link Specification
MCF	2348		B	2/98	TVC Instation Requirements for NMCS2
MCF	2349		A	11/96	Highways Agency Contract No 2/77 Framework Agreement Contract For the Provision of Consultancy Services.
MCF	2350	C	B	9/99	Tender 1/61 Design Supply Installation and Maintenance of Emergency Roadside Telephone Type 354 and Associated Control and Maintenance Equipment Public and Private Partnership Production Installation and Maintenance Requirements
MCF	2351		B	10/97	Works specification for SMM Activities when Interfacing to the Dartford River Crossing.
MCF	2352		A	7/97	Works specification for procurement of NMCS2 and MIDAS Sub Systems
MCF	2353		A	1/97	M25 Motorway Controlled Motorway Pilot Scheme Operational Support & Maintenance Management Consultants Brief.

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCF	2358		B	8/97	Kent Corridor Strategic Traffic Management Evaluation Consultancy.
MCF	2361		B	5/98	Motorway & Trunk Road Communication Maintenance - Midland Contract 2 (West) System Spec.
MCF	2363		B	3/98	Work Specification For NMCS Software Maintenance (SSC)
MCF	2364		(a)	2/98	Architecture Research Study
MCF	2369		A	5/98	Ice Prediction Evaluation Consultancy
MCF	2370		C	10/98	Network Supervisory Sub-System System Design & Management Consultancy - Scope of
MCF	2371		A	6/98	Work Specification for Telephone Type 352A
MCF	2372		A	6/98	Work Specification for a SMM Monitor & Control Facility.
MCF	2374		A	7/98	Motorway & Trunk Road Communications Maintenance Instructions. Northern Contract (East) Work Specification.
MCF	2375		A	8/98	Outward Facing Research/Understanding Traffic Behaviour.
MCF	2376		A	8/98	Outward Facing Research/Managing Integration
MCF	2377		B	6/00	Application Work Specification For The NMCS Data Administrator
MCF	2378		B	10/99	Highways Agency Framework Agreement Contract for the Provision of Consultancy
MCF	2379		A	12/98	Motorway Communications Services PFI Study Consultants Brief
MCF	2380		A	6/00	Application Work Specification for the HALOGEN Service Contract
MCF	2381		B	9/04	Application Work Specification for NMCS Software Maintenance (Peek Traffic Limited)
MCF	2382		A	6/99	Consultants Brief- Network Communications Systems Integration & Support Team.

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MCF	2384		(a)	6/99	Application Work Specification for NMCS Software Maintenance (Datel).
MCF	2388		A	8/00	Framework Agreement Contract for the Provision of Research Services
MCF	2390		(a)	5/00	Outward Facing Research Managing Travel Demand
MCF	2392		A	8/00	M3/M27 Ramp Metering Pilot Scheme Feasibility study of benefits of Link Algorithms for the M3/M27 RMPS
MCF	2393		A	8/00	Research Specification - Evaluation, Optimisation and Maintenance of Kent MOLA Software & Hardware
MCF	2394		C	10/00	Application Work Specification for NMCS Software Maintenance (Serco Systems Ltd).
MCF	2395		A	9/00	Application Work Specification for NMCS Software Maintenance (Mott McDonald).
MCF	2396		B	10/03	Framework Contract for the Inspection and Testing of Motorway Communications Equipment.
MCF	2397		(a)	2/06	Technology Systems Maintenance Manager
MCF	2398		(a)	3/01	Specification: Consultants for Regional Electrical Support Teams (CREST)
MCF	2400		(a)		SSR TSS Framework Contract
MCF	2401		(a)	8/01	Active Traffic Management Management Consultant Consultants Brief
MCF	2402		A	1/02	NOMAD - National Online Motorway Asset Database, NOMAD Barcode Labels Technical Specification
MCF	2403		(a)	1/02	Interfacing Layer Software between DATEX Provider and Steria's Strada-Net DATEX Node
MCF	2404		(a)	2/02	Application Work Specification for NMCS Software Maintenance - Development and Warranty (NASS SMC)

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MCF	2405		(a)	2/02	Application Work Specification for NMCS Software Maintenance - Post Warranty Maintenance (NASS SMC)
MCF	2406		A	4/04	NCASTSpecification for Network Communications Application Support Team Contractor Specification
MCF	2407		(a)		Duties of the Midlands Technology Maintaining Agent/Contractor (TechMAC)
MCF	2408		A	7/03	IPL Technology Operational Support Work Specification
MCF	2409		(a)	4/04	Specification for the Production, Installation, Maintenance and Support of Emergency Roadside Telephone Type 354
MCF	2410		(a)	10/03	Tyco CCTV Technology Operations Work Specification
MCF	2411		(a)	6/04	Emergency Roadside Telephone type ERT354
MCF	2412		(a)	11/03	Initial Electronic Security Systems CCTV Technology Operations Work Specification
MCF	2413		B	5/07	CCTV Technology Operations Work Specification

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Type	Numbe	Sheet Part	Issu	Issue Date	Title
MCG	1022		C	4/86	Testing for newly installed communications and power cable
MCG	1023		F	3/82	Factory and acceptance testing of CO304 Mk
MCG	1033		D	9/83	Testing fibre optic/copper communications cable
MCG	1042		O	9/95	National Motorway Computer System Acceptance Tests - Signal Sequencing Tests (New rules)
MCG	1050		A	6/07	NMCS HA TMS Data Entry Package Test Specification
MCG	1053		B	6/84	Installation and Terminating Spec for Fibre Optic Cables used in CCTV systems
MCG Test	1054		A	11/83	NMCS2 Signal Sequence Agreement Rule Bed Acceptance Test Document
MCG	1055		C	11/88	Testing Newly Installed Mono-Mode Fibre Optic Communication Cable
MCG	1058		B	2/05	NMCS Movement Control Specification Stage 3 Testing of NMCS2 Transmission
MCG Axial,	1061		A	6/87	Testing for Newly Installed Composite Motorway Communications Cables - Co-Communications and Power
MCG	1062		E	10/96	CCTV System DATA Com & Cert.Package Specification
MCG	1069		D	4/05	NMCS2 Test Strategy
MCG	1070		D	12/05	NMCS2 Telephone Responder Acceptance Test Specification
MCG	1071		C	6/97	NMCS2 Sector Interface Acceptance Test
MCG	1072		D	2/01	NMCS2 Signal Site Equipment Acceptance Test Specification
MCG	1073		F	4/06	NMCS2 Standard Transponder Acceptance Test Specification

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCG	1074		E	9/01	NMCS2 Local Communications Controller Acceptance Test Specification
MCG	1075		B	8/97	NMCS2 Signal Subsystem Acceptance Test Spec
MCG	1076		B	12/93	NMCS2 21 bit Transponder Acceptance Test Spec
MCG	1077		E	9/00	NMCS2 Control Office Base System Acceptance Test Specification
MCG	1079		C	12/96	NMCS2 Telephone Instation Acceptance Test Specification
MCG	1080		D	3/99	NMCS2 Data System Test Spec
MCG	1081		C	3/99	NMCS2 System Interaction Test Specification
MCG	1086		C	10/04	NMCS2 Message Sign Subsystem Acceptance Test Specification
MCG	1087		E	4/05	NMCS2 MIDAS LCC Acceptance Test Specification
MCG	1088		D	4/05	NMCS2 MIDAS Transponder Acceptance Test Specification
MCG	1089		H	4/05	NMCS2 MIDAS Outstation Acceptance Test Specification
MCG	1090		D	4/05	NMCS2 MIDAS Engineers Terminal Acceptance Test Specification
MCG	1091		G	5/05	NMCS2 MIDAS Subsystem Acceptance Test Specification
MCG	1092		B	9/02	NMCS2 MIDAS System Acceptance Test Specification
MCG	1093		I	5/05	NMCS2 MIDAS Signal and Sign Setting Acceptance Test Specification
MCG	1094		A	10/94	Cross-Boundary Signalling - Inter-operability Test Specification

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MCG	1098		C	10/04	NMCS2 Message Sign Sub-System Rules Acceptance Test Specification
MCG	1099		A	8/95	NMCS Non-armoured cables, installed cable testing procedures
MCG	1101		A	4/06	Acceptance Testing of Second Generation CCTV Slave Stations
MCG	1102		(a)	8/05	Certification Package for Second Generation CCTV Slave Stations
MCG	1103		(a)	7/96	NMCS2 to TVC link test Spec (TCP/IP HNK)
MCG	1104		A	3/98	NMCS2, NMCS1 21BIT LCC Acceptance Test Specification
MCG	1105		A	12/97	MIDAS Outstation Equipment Supplier Integration Test.
MCG	1107		A	8/03	Acceptance Test Specification for NMCS2 Indicators 400 including Signal Drivers (Type 94xx)
MCG	1108		(d)	1/00	Acceptance Test for Modems to TR 2066
MCG	1110		A	8/03	Second Generation CCTV - Performance Specification
MCG	1111		A	4/03	Testing the Picture Quality Levels of the NRTS Switched Video Network
MCG	1115		(a)	1/06	TMS Acceptance Test
MCG	1117		(a)	9/03	Met Subsystem Factory Acceptance Test Specification
MCG	1118		(a)	2/04	NMCS2 Legacy Interface Transponder Acceptance Test Specification
MCG	1119		B	4/05	NMCS2 In-Station Software Maintenance Test Strategy
MCG	1120		(a)	12/04	Controlled Motorway - Digital Enforcement Equipment (DEE) Acceptance & Test
MCG	1121		(a)	12/04	Controlled Motorway - Advanced Motorway Indicator (AMI) Acceptance & Test

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCG	1122		A	6/06	Mida Gold System Acceptance Test Specification
MCG	1202		A	11/06	NMCS Electrical Power Supply Tests for Electronic Motorway Signals and Message
MCG	1301		A	8/07	MIDAS Map Setup Acceptance Test Specification
MCG	1302		(a)	5/07	MIDAS Replay System Acceptance Test Specification
MCG	1303		(a)	5/07	NMCS2 Acceptance Test Specification Message Signs and Motorway Signal Mk3(MS3)
MCG	1305		(a)	5/07	NMCS2 Acceptance Test Specification Motorway Signal Mk4 (MS4)
MCG	1306		A	5/07	NMCS2 Telephony Acceptance Test Specification
MCG	1310		(a)	11/07	MIDAS Site Data Summariser Acceptance Test Specification

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCH	0010		D	3/02	Installation Guide for Urban Traffic Control
MCH	0011		(a)	5/04	NMCS Control Office Base System (COBS) Operator Handbook West Midlands Regional Control Centre (Peek)
MCH	0012		(a)	5/04	NMCS Control Office Base System (COBS) Operator Handbook East Midlands Regional Control Centre (Peek)
MCH	0013		(a)	5/04	NMCS Control Office Base System (COBS) Operator Handbook South East Regional Control Centre (Peek)
MCH	0014		(a)	5/04	NMCS Control Office Base System (COBS) Operator Handbook North West Regional Control Centre (Peek)
MCH	0015		(a)	5/04	NMCS Control Office Base System (COBS) Operator Handbook South West Regional Control Centre (Serco)
MCH	0016		(a)	5/04	NMCS Control Office Base System (COBS) Operator Handbook Eastern Regional Control Centre (Serco)
MCH	0017		(a)	5/04	NMCS Control Office Base System (COBS) Operator Handbook North East Regional Control Centre (Serco)
MCH	0018		A	5/04	NMCS Control Office Base System (COBS) Operator Handbook General Control Centre (Peek)
MCH	0019		A	5/04	NMCS Control Office Base System (COBS) Operator Handbook General Control Centre (Serco)
MCH	0020		(a)	5/04	NMCS Control Office Base System (COBS) Operator Handbook
MCH	0021		A	8/05	Emergency Roadside Telephone 354 Manufacturing Method Statements
MCH	1030		A		Installation Drawing: Unarmoured Copper and Fibre Above Ground Cable Joint - Interconnection details between cabinet 600 ST/MD and AGCJ (Note: Available from the Stationery Office as part of the MCHW)
MCH	1116		(a)	3/03	Guide for Radio Linking of Traffic Control Systems
MCH	1123		D	1/94	Contract Variation Proposal
MCH	1124		(a)	3/03	NMCS IP Networking Guide
MCH	1125		F	1/94	Contract Variation Order
MCH	1127		(a)	3/03	NOMAD Management Service Procedure Asset Condition Assessments

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCH	1129		(a)	5/03	Definition of acceptable picture quality for HA CCTV pictures supplied to external
MCH	1131		(a)	8/03	NMCS2 Anti-Virus Procedures
MCH	1132		(d)	10/03	NMCS2 Outstation IP Messages
MCH	1134		(a)	12/03	ATM Control System Management Overview
MCH	1140		A	11/03	NRTS Leaflet Communications for the Modern Road
MCH	1141		A	11/03	NRTS Brochure A Summary Guide to NRTS
MCH	1142		A	11/03	Overview A Comprehensive Guide to NRTS
MCH	1143		A	11/03	Transition Guide Moving from current arrangements to operating with NRTS
MCH	1144		A	11/03	Project Managers Guide Guidance for HA scheme sponsors using the NRTS Services
MCH	1145		A	11/03	Road Maintainers Guide How NRTS will affect Road Maintainers
MCH	1146		A	11/03	Regional Maintenance Contractor Guide How NRTS will affect electrical Regional Maintenance Contracts
MCH	1147		A	11/03	Technical Developers Guide Developing new system that interface with
MCH	1148		A	11/03	Supporting information on NRTS services and interfaces
MCH	1149		A	11/03	Supporting Information on assets and responsibilities that will transfer to NRTS
MCH	1150		A	11/03	Scheme Case Study A case study for applying NRTS services to a HA scheme
MCH	1151		(a)	2/04	The National Motorways Communication System Control Office Base System (COBS) Operator's Handbook (Windows Version) Peek
MCH	1152		(a)	2/04	The National Motorways Communication System Control Office Base System (COBS) Operator's Handbook (Windows Version)
MCH	1154		(a)	3/04	ATM Control System: System Requirements Specification
MCH	1155		(a)	3/04	ATM Control System: NTCC-ATM Control System Interface Control Doc

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MCH	1156		(a)	3/04	ATM Control System: NASS-ATM Control System Interface Control Doc
MCH	1159		(a)	3/04	ATM Control System: COBS-ATM Control System Interface Control Doc
MCH	1160		(a)	3/04	ATM Control System: ATM-ATM Control System Interface Control
MCH	1161		(a)	3/04	ATM Control System: UTMC-ATM Control System Interface Doc
MCH	1165		A	7/73	Cabinet 600 equipped with fixtures 1000 type
MCH	1166		A	7/73	Injection Moulding tools for Post Cap 78 and Signal Frame End Cap 79
MCH	1174		(a)	3/04	ATM Control System: CMS-ATM Control System Interface Control
MCH	1176		(a)	3/04	ATM Control System: HALOGEN-ATM Control System Interface Control Doc
MCH	1177		(a)	3/04	ATM Control System: Driver Compliance System-ATM Control System Interface Control Document
MCH	1179		(a)	3/04	ATM Control System: CCTV-ATM Control System Interface Control Doc
MCH	1180		(a)	3/04	ATM Control System: ERT-ATM Control System Interface Control
MCH	1182		(a)	3/04	ATM Control System: RCD-ATM Control System Interface Control
MCH	1184		(a)	3/04	ATM Control System: RMD-ATM Control System Interface Control
MCH	1185		(a)	3/04	ATM Control System: HA Command and Control System-ATM Control System Interface Control Document
MCH	1186		(a)	3/04	ATM Control System: Research Organisation-ATM Control System Interface Control Document
MCH	1187		(a)	3/04	ATM Control System: Before and After Study-ATM Control System Interface Control Document
MCH	1190		A	5/75	Instructions for Running Responder Test Routine
MCH	1192		(a)	3/04	ATM Control System: RCC COIF-ATM Control System Interface Control Document

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MCH	1193		(a)	3/04	ATM Control System: Protocol Document
MCH	1194		B	1/76	Installation Inspection Check List - Cabinet 609 (TX)
MCH	1195		(a)	3/04	ATM Control System: System Architecture and Design Specification
MCH	1196		B	1/76	Installation Inspection Check List - Post 75
MCH	1197		B	1/76	Installation Inspection Check List - Cabinet 600
MCH	1199		(a)	3/04	NMCS2 Windows Operato Interface Menu Support Definition
MCH	1200		B	4/06	MIDAS GOLD PC Maintenance
MCH	1201		B	5/06	NMCS HA TMS Telephone Data Entry Package User Guide
MCH	1207		A	9/75	Installation Check List - Rural Outstation
MCH	1208		A		Motorway Communications Outstation Acceptance
MCH	1208		(a)	12/04	Controlled Motorway - Advanced Motorway Indicator (AMI) Technical Approval of
MCH	1209		(a)	12/04	Controlled Motorway - Advanced Motorway Indicator (AMI) & Digital Enforcement Equipment Installation Drawing Index
MCH	1210		(a)	12/04	Controlled Motorway - Advanced Motorway Indicator (AMI) & Digital Enforcement Equipment Design Guide
MCH	1211		A	1/05	RCC Site Data Procedure Technical Notes
MCH	1212		A	4/06	Above Ground Copper Cable Joint Type 16/- Installation Guide
MCH	1213		(a)	2/05	HA TMS Signal Data Entry Package User Guide
MCH	1214		(a)		Highways Agency HATTIE Manager Job Specification
MCH	1215		(a)	4/05	CCTV and VAC Data Replication Process
MCH	1221		E	3/02	Factory Inspection of NMCS Cables
MCH	1247		F	4/92	Instruction for Cleaning Motorway Telephones
MCH	1253		A	1/80	(National motorway communications system (site data preparation
MCH	1254		A	7/78	Binary-data request form
MCH	1260		E	7/86	Requisition for Equipment -Central Stores - Supply

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MCH	1266		(d)		National motorway communications system-description
MCH	1270		A	6/79	Interim Certificate
MCH	1272		B	8/79	Final Certificate
MCH	1276		D	7/92	PTO Inspection Report
MCH	1277		E	5/92	Maintenance Instructions - Responders
MCH	1278		G	2/91	Maintenance Instructions - Telephones
MCH	1279		C	9/89	Maintenance Instructions - Communications Equipment
MCH	1280		B	9/89	Maintenance Instructions - Indicators
MCH	1286		P	10/94	Request for financial approval (Standard & Non Standard Schemes) and Bulk Purchase Equipment Order.
MCH	1296		B	9/80	Stores - Delivery Slippage
MCH	1320		G	6/01	Introduction to Motorway Control and Communication Systems
MCH	1325		A	1/81	Priority Requirement Facsimile
MCH	1327		K	9/93	Local Order Form
MCH	1331		E	5/89	Guide to phase 3 telephone system
MCH	1332		C	4/92	Maintenance instructions cleaning optical equipment and backing boards
MCH	1333		A	4/83	Wiring Schedule
MCH	1337		C	10/87	Maintenance instructions CCTV fault classification: Heston
MCH	1349		E	3/04	NMCS Maintenance Instruction Motorway and Trunk Roads Technology Operational and Maintenance Requirements of Technology Systems and Equipment
MCH	1350		H	7/98	Maintenance instruction. Liaison with third parties
MCH	1351		C	5/92	Maintenance Instruction NMCS 2 fault classification
MCH	1352		D	12/01	Technical Guide to SCOOT Loop Siting
MCH	1362		A	1/84	Traffic Data Collection Site Survey Guide.
MCH	1371		D	3/06	Returned Stock Voucher Central Stores Only

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MCH	1383		C	11/89	Maintenance Instruction, Routine Maintenance - W Midlands
MCH	1386		E	7/98	Cable Pair Allocation for NMCS2
MCH	1388		D	3/88	Tests available from a control office (CO304 and CO306)
MCH	1390		A	11/85	Application to hire equipment/facilities from TCC.
MCH	1393		E	9/92	Maintenance instruction Routine Maintenance South East Region
MCH	1394		B	7/92	Maintenance Instruction Routine Maintenance Eastern & Greater London Regions
MCH	1398		A	11/83	Ventilated Plinths for Signal Controller Cabinets
MCH	1399		F	3/05	NMCS Maintenance Instruction Notification of a Change in Equipment Quantities for Maintenance
MCH	1400		A	3/85	Bin Card (Second-hand)
MCH	1401		A	3/85	Bin Card (Disposal)
MCH	1402		A	11/85	Contract of Hire (of TCC equipment)
MCH	1406		A	7/85	Bin Card (Unserviceable)
MCH	1409		B	1/90	Inspection and Testing of equipment at manufacturers premises (Report Sheet)
MCH	1412		C	11/95	Notes for guidance on inspection and testing of Motorway Communications Equipment at Manufacturers Premises
MCH	1420		B	4/86	Schedule of outstation equipment in NMCS2 - Signal Transponder
MCH	1421		B	4/86	Schedule of outstation equipment in NMCS2 - Telephone responder
MCH	1422		D	8/86	Schedule of outstation equipment in NMCS2 - ATS Transponder
MCH	1423		A	4/86	Schedule of outstation equipment in NMCS2 - Meteorological Transponder
MCH	1425		D	9/98	Maintenance Instruction M/Way Communications Cable
MCH	1426		B	9/89	Maintenance Instruction M/Way CCTV fault CCTV Fault Classification: Almondsbury
MCH	1430		A	7/86	TCC Stores Receipt Voucher
MCH	1433		B	1/97	Cable Repair Procedures For Armoured & Unarmoured Motorway Communications & Power Cables.

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MCH	1438		B	6/87	Witness Form/Certificate NMCS2 DBP/LCC Circuit Tests to MCG1058
MCH	1439		B	6/87	Witness Form/Certificate NMCS2 LCC Transponder Circuit Tests to MCG1058
MCH	1440		B	6/87	Witness Form/Certificate NMCS2 LCC/RCC Tests to MCG1058
MCH	1441		B	6/87	Witness Form/Certificate NMCS2 RS485 Tests to MCG1058
MCH	1442		B	6/87	Witness Form/Certificate NMCS2 Telephone Tests to MCG1058
MCH	1443		B	3/88	New Commitments - Purchases (MAINTENANCE)
MCH	1445		B	4/88	PART 2 - General Circuit handover certificate (1 sheets)
MCH	1445		B	4/88	PART 3 - NMCS2 Circuit handover certificate (1 sheet)
MCH	1445		B	4/88	PART 1 - Mini carrier handover certificate (3 sheets)
MCH	1448		B	10/91	Liquidated Damages Stage Two
MCH	1452		B	9/89	DTP Modems (200 Baud and 50 Baud) - Instructions On The Settings For Selectable
MCH	1453		F	6/01	NMCS Maintenance Instruction Mini Carrier Systems RMC Responsibilities
MCH	1454		A	4/87	Transmission Standards And Procedures
MCH	1457		A	4/87	Motorway Communication Cables Stage 2 Test Concession Certificate
MCH	1458		A	4/87	Motorway Communication Cables Record And Approval Of Sheath Repairs And Temporary Joints
MCH	1459		A	6/87	Co-NMCS2 Data Circuit Noise Measurements
MCH	1460		B	4/88	Acceptance Certificates Transmission Equipment (9 PARTS)
MCH	1461		M	5/05	NMCS Maintenance Instruction Contractor Reports
MCH	1462		E	7/92	Maintenance Instructions Routine Maintenance - Northern, Yorks And
MCH	1463		C	2/93	Change In Dedicated Team Size
MCH	1468		A	3/87	Investigation Into The NMCS Transmission Network Part 1 - Results

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MCH	1469		A	3/87	Investigation Into The NMCS Transmission Network Part 2 - Analysis Of Results And Conclusions
MCH	1470		D	4/98	Maintenance Instruction, Maintenance Site Records
MCH	1471		A	5/85	A Quarter Of A Century Of Motorway Communications (1959-1984)
MCH	1472		C	11/95	NMCS2 Site Acceptance Certificate - Telephone Responder
MCH	1476		C		NMCS2 Site Acceptance Certificate-Signal transponder
MCH	1478		A	9/87	Guidelines for the testing of Microwave vehicle detection equipment to MCE 0114
MCH	1489		L	7/98	Maintenance Instruction - Maintenance of NMCS/CO Portable Computer Equipment - Third Line Arrangements
MCH	1497		A		BSI Inspection Contract - Checklist
MCH	1499		C	4/90	Mini-carrier maintenance handbook
MCH	1506		A	12/06	NSPIS C&C Interforce Incident Exchange Interface
MCH	1507		D	8/89	Standard for NMCS Control Office Facilities
MCH	1508		B	2/05	NMCS Transmission Station and Control Office
MCH	1509		B	12/88	Instruction - Motorway Supervisory Alarm/Fault List Abbreviations
MCH	1510		A	10/88	Commissioning, Testing, Operating and Maintenance of Automatic Fog Detection Equipment for M25 Motorway
MCH	1511		A	12/88	Commissioning, Testing, Operating of Assessment System Equipment for M25 Motorway
MCH	1512		B	7/89	Installation Instruction for Motorway Fog Detector Sites
MCH	1513		A	12/88	Installation Instruction for M25 Motorway Assessment System Sites
MCH	1514		(a)	1/07	Code of Connection Highways Agency Traffic Management (HATMS) & National Roadside Telecommunications Service (NRTS)
MCH	1516		B	5/94	Record of Bulk Purchase Equipment Usage
MCH	1518		D	9/06	HATMS Software Change Procedure

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MCH	1519		A	1/89	Stock Record Card for Yate Stores
MCH	1520		(a)	1/07	Technology Maintainers Stores Operating Procedures
MCH	1523		G	6/01	NMCS Maintenance Instruction Approval of Dedicated Maintenance Team and Changes
MCH	1525		A	3/89	Motorway Communications Maintenance Pricing Schedules - NMCS2 - North West
MCH	1526		B	5/92	Maintenance Instruction - Transponder NMCS2 - Routine Maintenance
MCH	1527		B	5/92	Maintenance Instruction - Responder NMCS2 - Routine Maintenance
MCH	1528		A	9/90	Maintenance Instruction - LCC/DBP NMCS2- Routine Maintenance
MCH	1529		(d)	3/07	Guidance Notes for Assessment of Detector Technology/Systems
MCH	1534		B	10/93	Requisition for Action to Invite Tenders for Consultants on Non-Scheme Consultancies
MCH	1540		F	9/06	Specification for the installation of Detector Loops on M-Ways and All-Purpose Trunk
MCH	1542		C	9/05	Installation Guide for MOVA
MCH	1544		A	12/08	"Variable Mandatory Speed Limits (Controlled Motorway) Reference Guide"
MCH	1547		A	12/89	Procedures for NMCS Software Modification
MCH	1548		(a)	3/07	VMSL (Controlled Motorway) Generic Business Case
MCH	1553		A	1/90	Routine Maintenance - West Mids- Variable Message Signs
MCH	1559		C	2/91	Branch Organisation - (All prof grades)
MCH	1563		C	9/03	Coleshill Communications Centre User Information & Site Guide
MCH	1566		B	3/90	Consultants Performance Report
MCH	1570		A	4/90	Maintenance Instruction - Routine Maintenance NMCS2 W Mids Region
MCH	1576		I	5/05	User Guide for the Highways Agency Stores Yate
MCH	1577		(a)	3/07	NMCS HA TMS Tunnel Data Entry Package User Guide
MCH	1578		D	8/95	Request to Use Environmental and EMC Testing Contract

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MCH	1581		A	8/90	Instruction for the Production of a Works Specification for the Maintenance of a Motorway CCTV Surveillance System
MCH	1582		C	7/98	Maintenance Instruction Routine Maintenance of Concrete Utilities CCTV Masts/Poles
MCH	1585		A	8/90	Maintenance Instruction Routine Maintenance of Philips CCTV Masts/Poles
MCH	1586		C	10/91	Requirements for equipment housed in Transmission Stations
MCH	1587		B	2/98	Routine Maintenance/SERO Fog Detectors
MCH	1590		C	7/98	Maintenance Instruction Responsibilities Relating to Transmission Station Equipment
MCH	1592		A	10/92	TCC Stores Transmission DIV Allocation of New Yate Stock
MCH	1596		D	11/06	HATMS Site Date Change Procedure
MCH	1598		E	7/98	Requirements for repair and reinstatement of damaged M-Way Comms equipment including cables
MCH	1599		A	4/92	NMCS Catastrophe Spares - Provision and Utilisation
MCH	1606		(a)	4/07	Junction Performance Indicator for Signalised Roundabouts and Linked Signal Sites on All-Purpose Trunk Roads
MCH	1611		A	8/91	NMCS2 Equipment Estimator for NMCS2 Core Systems Purchase
MCH	1612		A	8/92	Guidelines for the testing of Above Ground Vehicle Detection Equipment to TR 2123
MCH	1614		A	4/92	Request to use CAT spare
MCH	1616		E	2/06	NMCS2 Guide to Documentation.
MCH	1617		C	11/05	NMCS2 Management Overview
MCH	1618		C	12/05	NMCS Technical Overview
MCH	1619		D	7/05	NMCS2 Guidance for Generation and Modification of Specifications
MCH	1620		A	2/92	System Performance Calculations - Instructions to Tenderers
MCH	1621		C	7/06	NMCS Software Design and Tender Response Requirements

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MCH	1622		D	11/05	NMCS2 Change Control Procedures
MCH	1623		D	12/05	NMCS2 Configuration Management System Procedures
MCH	1624		C	5/00	Drawing Office Standards and Procedures for CAD Drawing
MCH	1626		A	12/91	Spec for the Routine Maintenance of EMS - Stand Alone Controller (SAC)
MCH	1628		A	4/92	Notification of new M-Ways for the Provision of Transmission Equipment and Services
MCH	1629		A	4/92	Notification of M-Way Widening for the Provision of Transmission Equipment and Services
MCH	1630		A	4/92	Notification of Cable Upgrading for the Provision of Transmission Equipment and
MCH	1631		A	4/92	Notifications of Additions to Existing Systems for the Provision of Transmission Equipment and Services
MCH	1632		A	4/92	Notification of Reduction of Existing Systems to TCC Transmission Section
MCH	1633		B	7/93	EMS Stand-Alone Controller. Operator Guidelines
MCH	1634		A	5/90	EITAC - Machinery for Consultation
MCH	1637		C	2/07	Software Quality Management System for the NMCS Procurement Programme
MCH	1640		A	2/92	Maint Instruction. Routine Maint - VMS - Maidstone CO area
MCH	1641		A	2/92	Maint Instruction. VMS Fault Classification - Maidstone CO area
MCH	1644		C	5/94	Maintenance handover certificate
MCH	1645		E	7/98	Maintenance Instruction for Contractors submitting Invoices to the Dept
MCH	1646		A	3/92	Maintenance Instruction - Routine Maintenance CCTV - Wakefield CO
MCH	1647		E	7/98	Cable Damage Report Form Suite
MCH	1648		G	6/96	NMCS2 Subsystem Catalogue
MCH	1649		A	5/92	Procedure for Contractors using the RCC Network for testing NMCS2 hardware and software
MCH	1650		A	3/94	EMS Stand-Alone Controller - Instation Equipment

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MCH	1651		C	1/93	EMS/EMI Test Software User Manual
MCH	1652		F	4/01	Communications Records Drawings Computer Aided Drawings Standard
MCH	1654		C	6/01	NMCS Maintenance Instruction Routine Maintenance Tests for the Telemetry T1000 Units
MCH	1655		F	2/07	NMCS2 Overview of the NMCS2 Message Signs Subsystem
MCH	1657		G	2/99	Instruction to NMCS Software Maintenance Contractors on Handling Tasks
MCH	1661		A	11/92	Procedure for Changes to Transmission Documentation by TCC 4/3 Secondment Engineers
MCH	1662		A	9/92	EMS/EMI Test Software - Test Software Test Sequences
MCH	1663		A	9/92	EMS/EMI Test Software - System for Testing Motorway Signals Mk2 Test Software Database Structure
MCH	1664		(a)	9/01	Serco & Peek COBS Standard Layout
MCH	1665		(a)	2/07	National Advanced Motorway Indicator (AMI)
MCH	1666		(a)	2/07	National Highways Agency Digital Enforcement
MCH	1667		(a)	4/07	NMCS UK7 - Bit Coded Character Set
MCH	1668		A	10/92	EMS Stand-alone controller configuration of X.25 Pads at Godstone & Heston for Interim
MCH	1670		(a)	5/07	NOMAD MC70 User Guide
MCH	1672		B	2/96	21 Bit Interface Site Data Proforma
MCH	1674		A	3/93	NMCS2 Mimic Interface Overview
MCH	1675		C	6/01	NMCS Maintenance Instruction Contract Termination Arrangements and Procedures
MCH	1677		(a)	5/07	NOMAD How To Set Up the MC70
MCH	1679		A	11/92	Instruction to NMCS Site Data Management Contractors for weekly reporting
MCH	1681		A	12/92	NMCS Central Logging System Overview
MCH	1683		G	4/97	NMCS2 - MS type 101 - Authorised EMS Message List
MCH	1684		C	9/93	M25 trial - SAC authorised EMS Message List

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MCH	1685		B	6/01	NMCS Maintenance Instruction Routine Maintenance of Message Signs Equipment
MCH	1689		H	11/06	NMCS2 Data System Message and Site Data Header Code Register
MCH	1690		B	1/94	Implementation Spec for Automatic Fog Warning Systems on Motorway
MCH	1692		A	5/93	EMS Stand Alone Controller Plans - Godstone
MCH	1693		A	5/93	EMS Stand Alone Controller Plans - Heston
MCH	1695		A		NMCS2 Maidstone CO Area, Message Sign Subsystem Operational Requirement
MCH	1696		E	5/07	NMCS2 MIDAS System Overview
MCH	1697		C	5/94	Request for an In-service change to Operational Equipment
MCH	1700		C	3/04	Compiling Site Data for the National Motorway
MCH	1701		B	8/95	Task Handling Instructions for Non Software Maintenance Contractors
MCH	1702		B	10/93	Gatt Notice Procedure Pre 1408C form
MCH	1704		A	6/01	NMCS2 Site Data Change Order
MCH	1705		B	11/03	NMCS2 Permit to Connect
MCH	1706		B	11/03	NMCS2 Permit to Use
MCH	1708		F	8/04	NMCS2 Equipment Compatibility
MCH	1720		A	11/94	MS2Code of Practice
MCH	1725		D	5/06	User Guide for the Test Track at the Fire Service College Moreton-In-Marsh
MCH	1726		F	11/06	NMCS2 Message Sign Subsystem Site Data Document
MCH	1731		(a)	7/07	Second Generation CCTV VIH Internet Video Server (IVS) Specifications
MCH	1734		(a)	7/07	Video Internet Portal Specification
MCH	1737		B	2/05	Procedure for producing and updating NMCS Transmission Maintenance Drawings
MCH	1738		A	6/95	Installation of Commissioning Procedures DC Power Supply Equipment

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MCH	1739		A	6/95	Installation of Commissioning Procedures Supervisory and Alarm Units
MCH	1740		A	6/95	Installation of Commissioning Procedures Annual Discharge Procedure - Tungsten
MCH	1743		D	9/02	NMCS Maintenance Instruction Testing and Cleaning of Roadside Emergency Telephones
MCH	1744		G	5/05	NMCS2 MIDAS Signal and Sign Setting Strategy
MCH	1745		A	9/94	Hazards of Traffic Management with Tunnels
MCH	1748		F	2/05	NMCS2 System Data Organisation and Format
MCH	1752		A	11/94	Motorway Signals Mk 2 and enhanced message signs -site acceptance tests
MCH	1753		H	5/05	NMCS2 MIDAS Site Data Specification
MCH	1755		D	10/01	NMCS2 Midas Outstation Site Acceptance Proceures
MCH	1756		C	3/02	NMCS2 MIDAS System Site Acceptance Procedures
MCH	1757		A		Godstone DBP/MIDAS acceptance test procedure
MCH	1759		D	10/04	NMCS2 message sign subsystem configuration data document
MCH	1760		G	6/01	Maintenance Instruction National Routine Maintenance Procedures
MCH	1761		B	12/01	NMCS2 MIDAS Transponder Site Acceptance Procedures
MCH	1762		D	2/04	NMCS2 MIDAS LCC and MIU Site Acceptance Procedures
MCH	1763		B	7/96	NMCS software management overview of requirements
MCH	1767		A	5/96	NMCS2 Fog subsystem overview
MCH	1771		A	1/95	Health and Safety Policy
MCH	1774		E	2/04	Information Cards for MIDAS Outstation Equipment
MCH	1779		B	4/98	Reporting of Telephone and Matrix Indicator Availability
MCH	1780		F	3/05	NMCS2 Logging - Formats and Guidelines

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MCH	1781		(a)	7/07	VIH Video Edge Client Overview
MCH	1782		A	8/07	Operational Telephony Traffic Routing Resilience and Business Continuity
MCH	1784		C	12/00	M25 Controlled Motorway Pilot Scheme Enforcement and CMI Equipment Special Maintenance Procedures
MCH	1788		(a)	11/07	Advanced Motorway Indicator and HADECS Enforcement Equipment Special Maintenance Procedures
MCH	1789		A	11/07	HA Technology Systems - Faults Procedure
MCH	1790		(a)	12/07	Schema for IP Address Plug Type 9300
MCH	1793		B*	1/01	M25 Controlled Motorway Pilot Scheme Controlled Motorway Indicators Routine Maintenance Instructions
MCH	1794		A	10/95	Procedure for Allocation of Equipment type nos, Yate Stores code nos and software code
MCH	1795		D*	6/01	M25 Controlled Motorway Pilot Scheme Specification for the Maintenance and Operation of Enforcement Equipment
MCH	1798		F	12/1899	NMCS2 Signals Subsystem Data Organisation and Formats.
MCH	1800		(a)	6/05	Site Data Quality Review Process
MCH	1802		A	2/96	Data entry package - Installation Feb 96
MCH	1803		A	2/96	Data entry package - Tutorial Feb 96
MCH	1804		B	4/04	NMCS2 Signals & Telephones Data Entry Package for Windows (DEPwin) v1.04 User Guide
MCH	1805		B	4/04	NMCS2 Signals & Telephones Rules Test Bed and Rules Test Bed Session Generator User
MCH	1809		A		Network - Traffic Control & Communications Site Guides - Overview
MCH	1810		A		Network - Traffic Control & Communications Site Guides - Installation Inspection Guide
MCH	1810		A		Network Traffic Control & Communications , Site Guides , Residents Engineers Site guide
MCH	1812		(a)		NMCS2 Midas Scheme Design
MCH	1812		A	4/07	NMCS MIDAS Systems Design Guide
MCH	1813		A	4/99	System Certification

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MCH	1815		(a)		Guidelines for the preparation of NMCS2 Maps
MCH	1816		Q	10/06	NMCS HA TMS MIDAS Site Data Entry Package User Guide
MCH	1817		(a)		Overview of the Cobs CCTV Subsystem
MCH	1818		B	1/07	NMCS2 Meteorological Subsystem Site and Configuration Data Document
MCH	1819		(a)	3/06	Site Data Designer (SDD) Design Workshop Process
MCH	1820		A	9/97	Ramp Metering ,Motorway System Design Design & Management. Consultants brief
MCH	1821		C	7/05	NMCS2 Cobs System Data Compilation
MCH	1822		A	7/98	NMCS Data Administrator overview
MCH	1824		A	10/96	Kent VMS - Maidstone Message Set 10/96
MCH	1826		B	5/97	Plans Registry Dept - Standards & Procedures 5/97
MCH	1827		B	8/06	Traffic Signal Controller Work Specification and Configuration Forms
MCH	1828		(a)		NMCS Guidance for the implementation of a stand alone telephone system
MCH	1830		D	3/01	Framework Agreement for Consultancy Services. Procedures for Placing Orders, Invoice Handling and Contract Monitoring.
MCH	1831		E	5/06	NMCS2 Changes to System Data M25 Controlled Motorway Area
MCH	1832		A	1/97	Instruction For Caretaker Maintenance of NMCS Software.1/97
MCH	1834		(a)	7/05	NMCS Standard for Type 9522 F0030 Electrical Connectors
MCH	1836		A	1/98	Kent Corridor - MIDAS infrastructure Installation Scheme, Consultants Brief.
MCH	1838		D	10/01	Instruction for NMCS Software Contractors for Reporting
MCH	1839		A	3/98	Guide to Producing text for inclusion in the COBS operator Handbook.
MCH	1840		A	11/99	NMCS2 Interoperability Testing Requirements and Process
MCH	1841		(a)		Overview of the NMCS2 Network Management Interface Subsystem.

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MCH	1843		A	12/97	Design, Build, Finance & Operate (DFBO) Contract Documentation Guidance Network Control & Communications 12/97
MCH	1844		B	6/01	NMCS Maintenance Instruction Routine Maintenance of CCTV Equipment
MCH	1845		(a)		National Ice Prediction Network Consultancy
MCH	1846		A	7/98	NMCS - Guidance Note Network Communications Programme Database
MCH	1847		(a)	6/05	Transmission: Procedure for requesting services over the Broadband Network
MCH	1849		B	4/07	RCC Technology Maintenance
MCH	1850		B	7/05	NMCS2 Portable Standard Script Coding Standard
MCH	1851		C	9/98	Motorway Communications Maintenance Instruction Ducted Cable Infra-Structure.
MCH	1852		E	3/05	NOMAD National Online Motorway Asset Database Definitions of Asset Category, Types and
MCH	1853		A	1/06	Command , Control and communications requirements Overview
MCH	1854		D	3/05	NOMAD National Online Motorway Asset Database Overview of System
MCH	1855		A	9/98	NMCS2 Maidstone Control Office Area Dynamic Display System Design Guide
MCH	1856		C	7/07	NMCS2 Meteorological Subsystem Overview
MCH	1857		B	10/06	NMCS HA TMS HSM Data Entry Package User Guide
MCH	1859		B	11/06	NMCS HA TMS Control Office Base System Data Entry Package User Guide
MCH	1860		B	3/05	NOMAD National Online Motorway Asset Database Toles of Users
MCH	1861		H	3/05	NOMAD - National Online Motorway Asset Database NOMAD User Guide
MCH	1862		(a)	11/98	Motorway Communications Maintenance Instruction NOMAD - National Online Motorway Asset Database Getting Started (Examples of NOMAD outputs for particular

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MCH	1863		(a)	11/98	Motorway Communications Maintenance Instruction NOMAD - National Online Motorway Asset Database Service Level Performance Assessment
MCH	1864		D	5/05	NMCS Maintenance Instruction NOMAD National Online Motorway Asset Database Registering an Asset
MCH	1865		D	5/05	NOMAD National Online Motorway Asset Database Asset Inspections and Maintenance Activities
MCH	1866		A	11/98	Motorway Communications Maintenance Instruction NOMAD - National Online Motorway Asset Database System
MCH	1867		B	5/05	NOMAD National Online Motorway Asset Database NOMAD Fault Reporting
MCH	1868		D	4/06	NOMAD National Online Motorway Asset Database Configuration Data
MCH	1870		C	5/07	NMCS Implementation Specification for MIDAS Systems
MCH	1871		A	5/99	Style Guide for the COBS Handbook.
MCH	1872		B	9/99	Overview of NMCS Central Logging Service.
MCH	1877		(a)	4/06	HATMS Cross Boundary Site Data Change Procedure
MCH	1878		(a)	4/06	Change Note Process (Post CCB)
MCH	1879		A	10/06	NMCS HA TMS Data Entry Package Overview
MCH	1880		A	11/06	Short-Term MIDAS Traffic Counting Data Collection
MCH	1881		C	11/07	Permit to Access RCC and do Work
MCH	1882		(a)	8/06	NMCS Tidal Flow Subsystem Data Organisation and Format
MCH	1883		(a)	9/06	National Roads Telecommunications Service - Technical Developers Guide
MCH	1911		(a)	10/99	Highways Agency Task Tracking and Information Environment (Hattie) User
MCH	1912		A	12/99	NOMAD Bar Coding Feasibility Study
MCH	1913		C	11/00	Network Supervisory Sub-System Overview

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MCH	1924		A*	6/00	NMCS Software Release Note
MCH	1925		(a)	6/00	NOMAD - National Online Motorway Asset Database Server Handbook
MCH	1926		(a)*	6/00	Control Office Base System (COBS) Handbook - Serco (EOCP)
MCH	1927		A	7/00	Motorway Signals MK4(MS4) Infrastructure Design Guide
MCH	1928		(a)	7/05	National Distribution Centre 3rd Line Repair Task
MCH	1929		C	3/02	Motorway Communications Maintenance Instruction M3/M27 and M6 Motorways Ramp Metering Pilot Scheme Maintenance Procedures
MCH	1930		(a)		Guide to Traffic Control Equipment Interfacing
MCH	1931		C	10/06	NMCS HA TMS Signal Data Entry Package User Guide
MCH	1932		(a)	10/00	Vehicle Detection Techniques
MCH	1933		A	1/01	NOMAD - National Online Motorway Asset Database FLOG User Guide
MCH	1934		(a)		Technical Guide to Loading of Motorway Communications Cables
MCH	1935		B	12/02	NMCS Non Armoured Copper Communication (Interrupter) Cable
MCH	1936		A	3/02	NMCS Cables - General Technical Requirements
MCH	1938		(a)	1/01	Ramp Metering System Overview
MCH	1939		(a)	1/01	RM Site Selection Guidance
MCH	1940		(a)	1/01	RM Infrastructure Design Guide
MCH	1941		(a)	1/01	RM Installation Drawings
MCH	1942		(a)	1/01	RM System Site Acceptance Tests
MCH	1943		(a)	1/01	RM-CO Site Acceptance Tests
MCH	1944		(a)	1/01	RM Operation and Monitoring Guide
MCH	1945		A	2/01	Software Library User Manual for the NMCS2 Software Maintenance Contractors

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MCH	1946		A	2/01	Software Library Design Documentation for the NMCS2 Software Maintenance
MCH	1947		(a)	2/01	Highways Agency Task Tracking and Information Environment (HATTIE) Design Document
MCH	1948		B	3/04	NMCS Maintenance Instruction Routine Maintenance of MIDAS Equipment
MCH	1949		A	6/01	NMCS Maintenance Instruction Routine Maintenance of Signals
MCH	1950		A	3/01	Maintenance Instruction Routine Maintenance of Transmission and Communications
MCH	1951		A	6/01	NMCS Maintenance Instruction Routine Maintenance of Instation Equipment
MCH	1952		C	3/05	NMCS Maintenance Instruction Maintenance Documentation Strategy
MCH	1953		C	3/05	NOMAD National Online Motorway Asset Database Bar Code Procedures
MCH	1954		B	9/02	NMCS Maintenance Instruction NOMAD GPS Procedures
MCH	1956		F	3/05	Motorway Communications Maintenance Instruction NOMAD - National Online Motorway Asset Database Workabout Handbook
MCH	1957		C	3/05	NMCS Maintenance Instruction Electrical Inspections and Tests
MCH	1959		B	12/04	Second Generation CCTV Interface of the CCTV system to the National Roads Telecommunications Contract
MCH	1960		A	8/03	Second Generation CCTV - Management Overview
MCH	1961		(a)	7/01	CCTV System Maintenance and Configuration
MCH	1962		B	1/03	Oracle Stock Number Request Form
MCH	1964		A	12/01	SERCO and Peek COBS Standard Layouts
MCH	1966		(a)	8/05	Cable Protectors for use with Portable Traffic Signals
MCH	1967		A	4/03	Development of Mobile Network Operators' Aerial Sites on Motorways
MCH	1968		L	10/06	NMCS HA TMS Message Sign Subsystem Data Entry Package User Guide

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MCH	1969		A	1/04	Traffic Control System Design for All Purpose Roads (Compendium of Examples)
MCH	1970		A	1/02	Second Generation CCTV - Notes for Guidance
MCH	1971		A	2/02	Definition of acceptable picture quality for HA CCTV pictures at PCO's (available: NRTS project e-mail nrts@hyder-con.co.uk)
MCH	1973		(a)		Local Transmission Circuit Design Guide
MCH	1974		A	2/05	Options for Bypassing telecommunications services around Road Schemes
MCH	1975		A	2/05	NMCS Overview of Transmission Supervisory System
MCH	1976		A	2/02	NMCS Options of the use and testing of Leased Telecommunications Services
MCH	1977		(a)	2/02	Overview of HA's PCM networks and their Network Management systems
MCH	1978		(a)	2/02	Guide to Trunk Road Traffic Signal Design (APTR)
MCH	1979		(a)	2/02	Guide to Traffic Control Signal Failure & Reporting Techniques
MCH	1980		A	3/04	Process for Commissioning and Handover of Technology Schemes Part A Overview of
MCH	1982		(a)	2/02	Guide to Bridge Strike Protection System (APTR)
MCH	1983		A	8/05	Emergency Roadside Telephone 354 Implementation Guide
MCH	1984		(a)	7/02	Site Data Designers Guide to NMCS2 Cross Boundary Signalling
MCH	1985		(a)	7/02	Site Data Designers to Guide NMCS2 Signal Sequencing
MCH	1986		D	10/06	NMCS2 MIDAS GOLD An Overview
MCH	1987		A	2/04	Safety Procedures and User Guide for the Yate Optical Test Laboratory
MCH	1988		(a)	12/02	NMCS Ramp Metering (Motorway Access Management) Traffic Signal Structures - Study Report Lightweight Cantilever Gantries (Cantilever Masts)
MCH	2000		A	3/05	NOMAD - National Online Motorway Asset Database NOMAD Installation Guide

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MCH	2001		A	7/05	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - Service Delivery Requirements
MCH	2002		(a)	2/03	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - System Information and Security
MCH	2011		(a)	2/03	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - Data Populatition
MCH	2018		A	7/05	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - NOMAD Development Requirements
MCH	2019		(a)	2/03	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - Hardware/Software Maintenance
MCH	2025		(a)	2/03	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - Change
MCH	2028		A	7/05	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - Asset Condition Assessments
MCH	2034		(a)	2/03	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - User Administration
MCH	2035		(a)	2/03	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - Reporting
MCH	2036		(a)	2/03	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - Maintenance Standards
MCH	2037		(a)	2/03	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - Training And Technical Support
MCH	2039		A	8/05	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - Network Key Performance Indicators Methodology
MCH	2042		(a)	2/03	NMCS Maintenance Instruction - NOMAD - Management Service Procedure - Management Procedure - NOMAD Website
MCH	2450		(a)	6/07	TTD Information Securiy Management System Manual
MCH	2451		(a)	6/07	TTD Security Documentation Map
MCH	2452		(a)	6/07	TTD Risk Assessment Methodology
MCH	2453		(a)	6/07	TTD Risk Management Template Suite
MCH	2454		(a)	6/07	TTD Supplier Risk Assessment Application Guide

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MCH	2455		(a)		TTD Technical Controls
MCH	2456		(a)	6/07	TTD Non-Technical Controls
MCH	2457		(a)	7/07	TTD Change Control Risk Assessment Application Guide
MCH	2458		(a)	7/07	Risk Management Report Template
MCH	2459		(a)	7/07	TTD Information Security Policy
MCH	2460		(a)	7/07	TJSWG Terms of Reference
MCH	2470		(a)	12/07	Ramp Metering Technical Design Guidelines
MCH	2471		(a)	12/07	Ramp Metering Installation Guidelines
MCH	2472		(a)	12/07	Ramp Metering Configuration Setup and Management Guidelines
MCH	2473		(a)	12/07	Ramp Metering Calibration Guidelines
MCH	2474		(a)	12/07	Ramp Metering Operational Procedures
MCH	2475		(a)	12/07	Ramp Metering Maintenance Procedures

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Type	Number	Volume Sheet Part	Issue	Issue Date	Title
MCX	0001	01	C	1/88	Telephone System overall Block Diagram. Phase 3
MCX	0003	01	E	1/88	Phase 3 Telephone System Block Diagram for Sector Switch
MCX	0003	02	E	1/88	Phase 3 Telephone System. Application for Sector Switch
MCX	0006		B	1/88	Phase 3 Telephone System Common Handset facilities for
MCX	0010		B	9/84	Pelican - Installation for Audible Unit for Pedestrian Signal Head
MCX	0011		B	10/81	Label - World Deaf Logo (for use in telephone housing fitted with inductive coupled receiver insets)
MCX	0012	01	L	3/91	Telephone - Instrument Type 352
MCX	0012	02	B	3/91	Telephone - Instrument Type 352 - Mounting Bracket)
MCX	0012	03	H	3/91	Telephone - Instrument Type 352 (Circuit Diagrams)
MCX	0013	01	B	9/05	Single Height Detection System Typical Layout
MCX	0013	02	B	9/05	Dual Height Detection System Typical Layout
MCX	0014	01	Y	7/07	Cabinet 609D - General Assembly
MCX	0014	02	K	7/07	Cabinet 609D - Sub Assembly
MCX	0014	03	F	7/06	Cabinet 609D - Cap Details
MCX	0014	04	H	7/06	Cabinet 609D - Cabinet Door Details
MCX	0014	05	D	7/06	Cabinet 609D - Door Details and Assembly
MCX	0014	06	F	7/06	Cabinet 609D - Parts List
MCX	0016	01	F	5/88	Distribution Box 902D GA 2/85.
MCX	0016	02	D	2/85	Distribution Box Riveted Assy - Item 1 .

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0016	03	C	2/85	Distribution Drilling - Item 2
MCX	0016	04	D	2/85	Distribution Lid - Item 3
MCX	0016	05	C	2/85	Distribution Switch Compartment Partition - Item 4
MCX	0016	06	B	2/85	Distribution Switch On/Off Switch Mounting Bracket - Item 5
MCX	0016	07	D	2/85	Distribution Switch Compartment Lid - Item 6
MCX	0016	08	C	7/86	Distribution Label - Item 7
MCX	0016	09	B	2/85	Distribution Box mounting Lug - Item 8
MCX	0016	10	C	2/85	Distribution Lid Bracket - Item 9
MCX	0016	11	B	2/85	Distribribution Support Bracket (Terminals) - Item 10
MCX	0016	12	C	2/85	Distribution Terminal Block Fixing Plate - Item 11
MCX	0016	13	B	2/85	Distribution Paint Specification
MCX	0016	14	C	2/85	Distribution Silk Screen Details for Compartment Lid DRG 7
MCX	0016	15	B	1/85	Distribution Danger Label
MCX	0016	16	E	5/88	Distribution Items List
MCX	0016	17	D	2/85	Distribution Items List
MCX	0016	18	J	5/88	Distribution Items Wiring diagram (also suitable for 902 ,A,B and C)
MCX	0019	01	B	4/86	Cabinet 617A General assembly
MCX	0019	02	A	10/82	Cabinet 617A Sub assembly
MCX	0019	03	B	4/86	Cabinet 617A Sub assembly of body
MCX	0019	04	C	6/86	Cabinet 617A Sub assembly of doors

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0019	05	A	10/82	Cabinet 617 Sub assembly of top
MCX	0019	06	B	4/86	Cabinet 617A P.D.U mounting plate
MCX	0019	07	A	10/82	Cabinet 617A Cable gland plate
MCX	0019	08	A	10/82	Cabinet 617A Connector panel
MCX	0019	09	A	10/82	Cabinet 617A Mounting plate
MCX	0019	10	A	10/82	Cabinet 617A Connector panel
MCX	0019	11	A	10/82	Cabinet 617A Rear bracket L.H
MCX	0019	12	A	10/82	Cabinet 617A Earthing strap
MCX	0019	13	A	10/82	Cabinet 617A Earth bracket
MCX	0019	14	A	10/82	Cabinet 617A Body boss
MCX	0019	15	A	10/82	Cabinet 617A Door boss insert
MCX	0019	16	A	10/82	Cabinet 617A Door wedge L.H
MCX	0019	17	A	10/82	Cabinet 617A Door wedge pin
MCX	0019	18	A	10/82	Cabinet 617A Door wedge catch L.H
MCX	0019	19	A	10/82	Cabinet 617A Door hinge block
MCX	0019	20	A	10/82	Cabinet 617A Body hinge block
MCX	0019	21	A	10/82	Cabinet 617A Hinge pin
MCX	0019	22	A	10/82	Cabinet 617A Hinge bar
MCX	0019	23	A	10/82	Cabinet 617A Door stop
MCX	0019	24	A	10/82	Cabinet 617A Door stop strap
MCX	0019	25	A	10/82	Cabinet 617A Weather Shield

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0019	26	A	10/82	Cabinet 617A Retaining strap
MCX	0019	27	A	10/82	Cabinet 617A Door boss
MCX	0019	28	A	10/82	Cabinet 617A Woven wire cloth
MCX	0019	29	A	10/82	Cabinet 617A Fibreglass pad
MCX	0019	30	A	10/82	Cabinet 617A Mount rail R.H
MCX	0019	31	A	10/82	Cabinet 617A Rear bracket R.H
MCX	0019	32	A	10/82	Cabinet 617A Door wedge R.H
MCX	0019	33	A	10/82	Cabinet 617A Door catch R.H
MCX	0019	34	B	4/86	Cabinet 617A Items list
MCX	0019	35	A	10/82	Cabinet 617A Items list
MCX	0019	36	B	4/86	Cabinet 617A Items list
MCX	0020	01	C	3/91	Telephone Handset Retaining Brackets
MCX	0022	01	A	4/82	Pelican Installation Pedestrian Signal Head Details Clifford and Snell Audible Unit
MCX	0024	01	G	9/06	Signal Controller Box 930 series
MCX	0025	01	K	9/06	Signal Controller Box 910 and 920 series
MCX	0026	01	P	5/98	Indicator Type 400 Series Legend Formation
MCX	0027	01	Z	5/98	Indicator Type 400 Series Aspects
MCX	0028	001	AA	4/06	Indicator Type 9400 series Construction Details
MCX	0030	01	F	9/04	Signal Target Board Type 213 (Polypropylene)
MCX	0031	01	G	9/04	Signal Target Board Type 211 (Polypropylene)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0033	01	F	11/93	Motorwarn Actuator Type 62
MCX	0034	01	G	8/93	Motorwarn Transmitter Type 61
MCX	0035	01	U	7/06	PLINTH 610 - FRAME
MCX	0035	02	A	3/04	PLINTH 610 - SKIRT
MCX	0036	01	E	9/98	Post Cap 78 (Moulding Details)
MCX	0037	01	M	2/01	Signal Swith 904 and 905 - Box Detail
MCX	0040	01	B	5/82	Pedestrian Push Button Box Traffic Signal Installation Prototype Tactile Unit
MCX	0041	01	H	7/01	Signal Frame End Cap
MCX	0043	01	T	2/02	X Frame Type 212 - General Assembly
MCX	0043	02	H	9/02	X Frame Type 212 - Cross Frame and Mounting Brackets
MCX	0043	03	G	9/02	X Frame Type 212 - Wiring Details and Identification Labels
MCX	0043	04	D	8/01	X Frame Type 212 - Packing Details
MCX	0043	05	J	8/01	X Frame Type 212 - Locking Plate, Locking Bracket and Tab Washer Details
MCX	0043	06	E	4/03	X Frame Type 212 Parts List
MCX	0043	07	D	8/01	X Frame Type 212 - Parts List
MCX	0044	01	N	4/03	Signal Frame Ball and Socket Joint
MCX	0045	01	S	9/02	Responder/Transponder Frame Type 1006 - Details
MCX	0045	02	A	10/99	Responder/Transponder Frame Type 1006 - Top Securing Brackets
MCX	0045	03	A	10/99	Responder/Transponder Frame Type 1006 - Items List

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0046	01	A	6/82	Loop Detectors "Scoot Trial Typical Loop Dispositions"
MCX	0047	01	J	9/06	Connector 990 series
MCX	0048	01	A	8/07	HADECS Drawing EE Drawing Index
MCX	0048	02	A	8/07	HADECS Drawing EE Typical Layout SNMD Gantry
MCX	0048	03	A	8/07	HADECS Drawing EE Typical Layout Gifford Gantry
MCX	0048	04	A	8/09	HADECS Drawing EE Head Unit Typical Installation SNMD Gantry
MCX	0048	05	A	8/07	HADECS Drawing EE Head Unit Typical Installation Gifford Gantry
MCX	0048	06	A	8/07	HADECS Drawing EE Head Unit Mounting Bracket
MCX	0048	07	A	8/09	HADECS Drawing EE Head Unit (Example)
MCX	0048	08	A	8/07	HADECS Drawing EE Typical Layout Lightweight Gantry
MCX	0048	09	A	8/07	HADECS Drawing Digital Enforcement Equipment Support Details
MCX	0051		(a)	11/07	Installation Drawing - Variable Message Sign
MCX	0053	01	A	9/75	Cabinet 609B and post 75D door bolt
MCX	0055	01	G	5/01	Building Out - Silver Mica Capacitors
MCX	0056	01	B	2/78	Cabinet 618 details of internal framework fittings for housing vehicular classification equipment 5 shts (Sht 4)
MCX	0057	01	A	6/76	Traffic signal special (vertical) arrangement of wig-wag signals at level crossings

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0061	01	G	10/99	Key - Standard
MCX	0062	01	D	3/00	Key - Concentric
MCX	0068	01	L	3/04	Poist 71
MCX	0069	01	H		Installation Drawing NMCS1 & 2 Signal Alignment & Sighting Post Details (Alignment of Motorway Matrix Indicators - Post Mounted) (Note: Available from The Stationery Office as part of MCHW Volume 3,
MCX	0069	02	F		Installation Drawing NMCS1 & 2 Gantry Signal Indicator Alignment Details. (Note: Available from The Stationery Office as part MCHW Volume 3, Section 3a.)
MCX	0069	03	F		Installation Drawing - NMCS2 Motorway Signals Mk3 and Message Signs Cantilever Sign Setting Out and Optical Alignment. (Note: Available from The Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0069	04	F		Installation Drawing NMCS2 Motorway Signals Mk3 and Message Signs Cantilever Sign Setting Out and Optical Alignment. (Note: Available from The Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0069	05	F		Installation Drawing NMCS2 Motorway Signals Mk3 and Message Signs Cantilever Sign Setting Out and Optical Alignment. (Note: Available from The Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0069	06	F		Installation Drawing NMCS2 Motorway Signals Mk3 and Message Sign Cantilever Sign Setting Out and Optical Alignment. (Note: Available from The Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0069	07	F		Installation Drawing NMCS2 Motorway Signals Mk3 and Message Signs Cantilever Sign Setting Out and Optical Alignment. (Note: Available from The Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0070	01	C	8/76	Battery Box type 'B'
MCX	0071	01	Q	11/06	Cable Assemblies - Weatherproof NMCS 1 & 2 - Communications

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0071	02	T	11/06	Cable Assemblies - Weatherproof NMCS 1 & 2 - Power
MCX	0071	03	K	11/06	Cable Assemblies Weatherproof NMCS2 - Interconnections
MCX	0071	04	B	3/04	Cable Assemblies- Weatherproof Cable Bend & Connector Overboot Details
MCX	0072	01	A	1/75	Signal - Standard Traffic (General Arrangement & Design)
MCX	0073	01	A	1/75	Signal - Standard Traffic (Reflector and Symbol Details)
MCX	0074	01	A	1/75	Signal - Standard Traffic (200 mm Signal Lenses)
MCX	0076	01	A	1/75	Signal - Standard Traffic (General Mounting Arrangements)
MCX	0077	01	A	2/77	Signal - Standard Traffic (Visor Details)
MCX	0082	01	J	10/04	Distributor Type 901 Interface Plate Type 90
MCX	0084	01	A	1/75	Signal-Standard Traffic (Wig Wag)
MCX	0085	01	A	1/75	Signal-Standard Traffic (Sign/Signal Mast & Mast Arm)
MCX	0086	01	A	1/75	Signal-Standard Traffic (Sign/Signal Mast & Mast Arm) Door Details
MCX	0087	01	A	1/75	Signal - Pedestrian - Green Arrow
MCX	0088	01	C	3/75	Cabinet Type 617
MCX	0090	01	B	11/82	Housing 620 General Assembly (Telephone Housing for Retaining Wall Recess)
MCX	0090	02	B	11/82	Housing 620 details
MCX	0090	03	A	8/82	Housing 620 details
MCX	0090	04	A	8/82	Housing 620 details Sub-Assembly
MCX	0090	05	A	6/82	Housing 620 Door handle details

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0090	06	A	7/82	Housing 620 details Painting specification
MCX	0090	07	B	11/82	Housing 620 Items List
MCX	0090	08	A	11/82	Housing 620 Telephone Door Symbol
MCX	0117	01	D	4/85	Telephone System Phase 3 Responder Simplified Telephone State Diagram
MCX	0124	01	H	2/83	Box 615 General Assembly
MCX	0124	02	B	1/84	Box 615 Body Item 4 1 off
MCX	0124	03	A	2/83	Box 615 Lid Item 2 1 off
MCX	0124	04	A	2/83	Box 615 Lid Gasket Item 3 1 off
MCX	0124	05	A	2/83	Box 615 Back Board Item 5 1 off
MCX	0124	06	A	11/82	Box 615 Lid Securing Bolt 2 off
MCX	0124	07	B	7/85	Box 615 Painting Specification
MCX	0124	08	A	2/83	Box 615 Items List
MCX	0130	01	A	10/81	Cabinet 609C Triangular Bolt (for PO
MCX	0131	01	N		Installation Drawing NMCS1 Typical Schematic Drawings & Schedule of Symbols. (Note: Available from The Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0131	02	H		Installation Drawing NMCS2 Symbol Schedule for Signals Telephones & MIDAS Schematics. (Note: Available from The Stationery Office as part of MCHW Volume 3,
MCX	0131	03	H		Installation Drawing NMCS2 Typical Layouts for Signals Telephones & MIDAS Schematics. (Note: Available from The Stationery Office as part of MCHW Volume 3,
MCX	0132	01	N		Installation Drawing NMCS1 & 2 Box 615 with Terminator Frame Fitted. (Note: Available from The Stationery Office as part MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0132	02	P		Installation Drawing NMCS1 & 2 Terminator Frame Type 13C (Wiring). (Note: Available from The Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0132	03	J		Installation Drawing NMCS1 & 2 Terminator Frame Type 14C (Wiring). (Note: Available from The Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0132	04	K		Installation Drawing NMCS1 & 2 Termination of Transmission Circuits. (Note: Available from The Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0132	05	K		Installation Drawing NMCS1 & 2 Terminator frame Type 13 and 14 Building Out and Tag Strip Wiring Details. (Note: Available from The Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0132	06	F		Installation Drawing NMCS1 Terminator Frame Type 14C (Wiring 30 pr - 20 pr). (Available from The Stationery Office as part MCHW Volume 3, Section 3a.)
MCX	0132	07	D		Installation Drawing NMCS1 With 21 bit I/F Terminator Frame Type 14C (wiring 30pr - 20pr). (Note: Available from The Stationery Office as part of MCHW Volume 3, Section
MCX	0132	08	D		Installation Drawing NMCS2 Terminator Frame Type 14C (Wiring 30 pr - 20 pr). (Available from The Stationery Office as part MCHW Volume 3, Section 3a.)
MCX	0134	01	N		Installation Drawing NMCS1 & 2 Termination Arrangement Within Box 615 (Local Side). (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0135	01	J		Installation Drawing NMCS Telephone and Housing 611 (Armoured Cable) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0135	02	H		Installation Drawing NMCS Telephone 352 (Armoured Cable) Fitting of Lightning Protection Device (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0135	03	G		Installation Drawing NMCS Telephone and Housing 611 (Non-Armoured Cable) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0135	04	D		Installation Drawing NMCS Telephone 352 (Non-Armoured Cable) Fitting of Lightning Protection Device (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0137	01	K		Installation Drawing NMCS Method of Sealing Cable Ends (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0138	01	N		Installation Drawing NMCS1 & 2 Typical Access Steps (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0138	02	G		Installation Drawing NMCS1 & 2 Typical Safety Handrail Details (Note: Available from the Stationery Office as part of MCHW
Volume					3, Section 3a.)
MCX	0139	01	K		Installation Drawing NMCS 1 & 2 Cabinet 609 with Box 615 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0140	01	S		Installation Drawing NMCS Foundation for Cabinets (600, 609 & 617) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0141	01	P		Installation Drawing NMCS1 & 2 Cable Trench for Armoured Cable (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0142	01	M		Installation Drawing NMCS1 & 2 Cable Arrangement on Gantry Typical 2 or 3 Lane Arrangement (Schematic) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0142	02	L		Installation Drawing NMCS2 Cable Arrangements on Gantry Typical 4 or 5 Lane Arrangement (Schematic) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0142	03	J		Installation Drawing NMCS1 Cable Arrangements on Gantry Typical 4 or 5 Lane Arrangement (Schematic) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0142	04	H		Installation Drawing NMCS Cable Arrangements on Gantry Mounting Plate Details (Note: Available from the Stationery Office as part of MCHW Volume 3, Section)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0143	01	R		Installation Drawing NMCS 1 & 2 Post 71 with Hardstanding and Housing 611 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0144	01	J		Installation Drawing NMCS Post Mounted Signals Foundation Parameters for Signal 111 (Post 75E) (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0144	02	J		Installation Drawing NMCS Post Mounted Signals Foundation Parameters for Signal 113 (Post 75E) (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0144	03	F		Installation Drawing NMCS Post Mounted Signals General Assembly of Signal Type 111 (Single) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0144	04	E		Installation Drawing NMCS Post Mounted Signals Bracket and Clamps (Signals 111 and 113) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0145	01	S		Installation Drawing NMCS1 & 2 Labels for Cabinets 600, 609 & Post 75 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0145	02	L		Installation Drawing NMCS1 & 2 Labels for Signal Posts (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0145	03	G		Installation Drawing NMCS1 & 2 Labels for Gantries (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0145	04	H		Installation Drawing NMCS1 & 2 System Identification of Labels for Cabinets & Posts 75/85 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0145	05	F		Installation Drawing NMCS Type VI Label for Target Boards (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0146	01	L		Installation Drawing NMCS Cabinet 609/620 Set in Standard Motorway Fence (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0147	01	N		Installation Drawing NMCS Labels for Cables & Telephone Housing (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0147	02	K		Installation Drawing NMCS Telephone Instruction For Use Label (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0149	01	H		Installation Drawing NMCS1 & 2 Cabinet 609 Typical Siting to Allow for Extra Cable Length (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0149	02	G		Installation Drawing NMCS1 & 2 Standard Transverse Cabling Arrangements at Cabinet Locations (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0150	01	H		Installation Drawing NMCS 1 & 2 Cabinet 609 Typical Siting to Allow for Extra Fibre Optic Cable Length (Note: Available from the Stationery Office as part of MCHW Volume 3 Section 3a.)
MCX	0151	01	L		Installation Drawing NMCS1 Distributor 903B for Gantry Signals (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0151	02	K		Installation Drawing NMCS2 Data Link Connection Box Type 9903 for Gantry Signals (Note: Available from the Stationery Office part of MCHW Volume 3, Section 3a.)
MCX	0151	03	L		Installation Drawing NMCS2 Data Link Connection Box Type 9904 for Gantry Signals (Note: Available from the Stationery Office part of MCHW Volume 3, Section 3a.)
MCX	0151	04	H		Installation Drawing NMCS2 Data Link Connection Box Cable Pair Allocation (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0151	05	H		Installation Drawing NMCS2 20/30 to 2 Pair Quad Cable Gland Conversion Kit (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0151	06	F		Installation Drawing NMCS2 Data Link Connection Box Type 9905 for Cantilever MS3 Signals (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0151	07	G		Installation Drawing NMCS2 Data Link Connection Box Type 9905 for Gantry Message Signs (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0151	08	B		Installation Drawing NMCS2 Data Link Connection Box Type 9903 for Cantilever Mk3 Signals (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0152	01	M		Installation Drawing NMCS1 Distributor 902E & B (MK2) for Post Signals (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0152	02	H		Installation Drawing NMCS2 Data Link Connection Box Type 9902 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0153	01	M		Installation Drawing Layout of Communications Cabinets, Posts, Ducts & Hardstanding (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0153	02	F		Installation Drawing NMCS1 & 2 Communications Cable Trough Detail (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0154	01	N		Installation Drawing NMCS Typical Communications Cable Layout in Cabinet 609 (Plan View) (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0156	01	S		Installation Drawing NMCS Cabinet 600 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0156	02	P		Installation Drawing NMCS Cabinet 600 Cable Securing and Earthing Detail (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0156	03	N		Installation Drawing NMCS1 Cabinet 600 Wiring Details for Plessey TBU (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0156	04	Q		Installation Drawing NMCS2 Cabinet 600 Power Supply to PDU and Extended Mains Supply (Note: Available from the Stationery Office as part of MCHW Volume 3, Section

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0156	05	B		Installation Drawing NMCS Cabinet 600 Parts (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0157	01	J		Installation Drawing NMCS2 Motorway Signals Interconnections of Equipment on Gantries (Config. P) (Type Numbers of Equipment Shown) (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0157	02	H		Installation Drawing NMCS2 Motorway Signals Interconnections of Equipment on Gantries (Config. P) (Type Numbers of Equipment Shown) (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0157	03	J		Installation Drawing NMCS2 Motorway Signals Interconnections of Equipment on Gantries (Config. F) (Type Numbers of Equipment Shown) (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0157	04	H		Installation Drawing NMCS2 Motorway Signals Interconnections of Equipment on Gantries (Config. F) (Type Numbers of Equipment Shown) (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0157	05	J		Installation Drawing NMCS 2 Signals Interconnections of Equipment on Rural Sites (Config. P & F) (Type Numbers of Equipment Shown) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0157	06	G		Installation Drawing NMCS2 Gantry Data Link Connection Boxes Standard and Extension Arrangements (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0158	01	-		Installation Drawing NMCS Motorwarn Traffic Signal Type 60 (Complete) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0158	02	-		Installation Drawing NMCS Motorwarn Wiring Details (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0160	01	L		Installation Drawing NMCS Safety Fence Protection of Cabinets - Guide (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0163	01	J		Installation Drawing NMCS 1 & 2 Box Type 615B (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0164	01	J		Installation Drawing NMCS1 & 2 ESC Interface Cabinet Typical Layout (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0164	02	J		Installation Drawing NMCS1 & 2 ESC Interface Cabinet Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0164	03	G		Installation Drawing NMCS1 & 2 ESC Interface Cabinet Parts List (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0164	04	A		Installation Drawing NMCS1 & 2 ESC Interface Cabinet, Layout for Transmission Station Locations (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0165	01	H		Installation Drawing NMCS1 & 2 Rural Power Cabinet Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0165	02	K		Installation Drawing NMCS1 & 2 Rural Power Cabinet Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0165	03	H		Installation Drawing NMCS1 & 2 Rural Power Cabinet Parts List (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0165	04	D		Installation Drawing NMCS1 & 2 Rural Power Cabinet Cable Joint Enclosure (CJE) - Type RSI Mounting Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0166		(a)	1/07	Manufacturing Drawings for MS3 version 2
MCX	0167		(a)	1/07	Installation drawings for MS3 version 2
MCX	0168		(a)	1/07	Manufacturing drawings for MS4 version 2

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0169		(a)	1/07	Installation drawings for MS4 version 2
MCX	0170	01	M		Installation Drawing NMCS Gantry Power Cabinet Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0170	02	N		Installation Drawing NMCS Gantry Power Cabinet Circuit Diagrams (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0170	03	J		Installation Drawing NMCS Gantry Power Cabinet Circuit Diagrams (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0170	04	E		Installation Drawing NMCS Gantry Power Cabinet Standard Situation (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0170	05	E		Installation Drawing NMCS Cantilever Power Cabinet Two Wqy Consumer Unit Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0170	06	D		Installation Drawing NMCS Gantry Power Cabinet Gantry with Auxiliary Supply (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0170	07	E		Installation Drawing NMCS Gantry Power Cabinet Double Gantry (ESC Supply Side) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0170	08	E		Installation Drawing NMCS Gantry Power Cabinet Double Gantry (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0170	09	D		Installation Drawing NMCS Typical Gantry Power Cabinet Parts List (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0171	01	J		Installation Drawing NMCS Labels For Use on Electrical Switchgear Enclosures (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0171	02	F		Installation Drawing NMCS Parts (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0174	01	K	7/06	Post 75E General Assembly
MCX	0174	02	L	7/06	Post 75E Sub-Assembly of Upper and Lower Sections
MCX	0174	03	K	7/06	Post 75E Lower Section Details
MCX	0174	04	L	7/06	Post 75E Upper Section backboard and door bolt Details
MCX	0174	05	J	7/06	Post 75E Cabinet Door Details and Assembly
MCX	0174	06	P	7/06	Post 75E Items List
MCX	0176	01	H	4/85	Terminator Frame Type 10 Series MK II G.A.
MCX	0176	02	D	5/81	Terminator Frame Type 10 Fabrication MK II
MCX	0176	03	A	9/79	Terminator Frame Type 10 MK II 11A Parts List
MCX	0176	04	A	9/79	Terminator Frame Type 10 MK II 11B Parts List
MCX	0176	05	B	4/85	Terminator Frame Type 10 MK II 11C Parts List
MCX	0176	06	A	9/79	Terminator Frame Type 10 MK II 12A Parts List
MCX	0176	07	A	9/79	Terminator Frame Type 10 MK II 12B Parts List
MCX	0176	08	B	5/81	Terminator Frame Type 10 MK II 12C Parts
MCX	0178	01	E	6/88	Terminal Connectors Type 8005/1-2 Screw Plug/Plug 6 & 12 Way (LH)
MCX	0178	02	D	6/88	Terminal Connectors Type 8005/3-4 Screw Plug 6 & 2 Way (RH)
MCX	0178	03	D	6/88	Terminal Connectors Type 8005/5-6 Screw/Screw 6 & 12 Way
MCX	0178	04	E	6/88	Terminal Connectors Type 8005/7-8 Screw/Solder 6 & 12 Way (LH)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0178	05	D	6/88	Terminal Connectors Type 8005/9-10 Screw/Solder 6 & 12 Way (RH)
MCX	0178	06	D	11/88	Terminal Connectors Type 8005/11 Mains
MCX	0178	07	B	6/88	Terminal Connectors Type 8005/10 Clamping Screw
MCX	0178	08	C	6/88	Terminal Connectors Type 8005/12 Screw/Screw (4 Way)
MCX	0178	09	C	6/88	Terminal Connectors Type 8005/13 Screw/Plug (4 Way)
MCX	0178	10	C	6/88	Terminal Connectors Type 8005/14 Screw/ Plug (4 way) Special LH Version
MCX	0178	11	C	6/88	Terminal Connectors Type 8005/15 Screw/Solder 4 Way
MCX	0178	12	C	6/88	Terminal Connectors Type 8005/16 Screw/Solder 4 Way Special LH Version
MCX	0179	01	A	11/80	Signals - Portable Traffic Approval Plate
MCX	0179	02	A	11/80	Signals - Portable Traffic Detectors)
MCX	0179	03	A	11/80	Signals - Portable Traffic
MCX	0180	01	C	10/99	Key Triangular
MCX	0181	01	H	3/85	Terminator Frame Wiring for Type 11A (20 Pair)
MCX	0182	01	G		Terminator Frame Wiring for Type 11B (20 Pair)
MCX	0183	01	G	3/85	Terminator Frame Wiring for Type 11C (20 Pair)
MCX	0184	01	F	3/85	Terminator Frame Wiring for Type 12A (30 Pair)
MCX	0184	02	A	12/83	Showing loom Routing for Hole Clearance
MCX	0185	01	E	3/85	Terminator Frame Wiring for Type Wiring for Type 12B (30 Pair)
MCX	0185	02	A	12/83	Showing loom Routing for Hole Clearance

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0186	01	E		Terminator Frame Wiring for Type 12C (30 Pair)
MCX	0186	02	A	12/83	Showing Loom Routing for Hole Clearance
MCX	0193	01	M	9/06	Box 615B General Assembly
MCX	0193	02	H	9/06	Box 615B Box and Label Details
MCX	0193	03	E	8/01	Box 615B - Backboard
MCX	0193	04	G	10/01	Box 615B Lid Details
MCX	0193	05	M	9/06	Box 615B - Parts List
MCX	0194	01	A	1/83	Post 75 Identification Features
MCX	0196	01	A	1/83	Terminal Keyboard - Control Offices
MCX	0200	01	K	3/04	Post Type 75 - Higher and Lower Brackets
MCX	0200	02	A	3/04	Post Type 75 - Post Clamp and Fixing Kit
MCX	0201	01	R	7/01	'X' Frame Type 211 General Assembly
MCX	0201	02	T	7/01	'X' Frame Type 211 Cross Frame and Mounting Brackets
MCX	0201	03	K	7/04	X' Frame Type 211 Wiring Details and Identification Labels
MCX	0201	04	C	7/01	'X' Frame Type 211 Packing Details
MCX	0201	05	D	4/03	X Frame Type 211 Parts List
MCX	0201	06	A	7/01	'X' Frame Type 211 Parts List
MCX	0202	01	M	7/01	'X' Frame Type 213 General Assembly
MCX	0202	02	N	7/01	'X' Frame Type 213 Cross Frame and Mounting Brackets
MCX	0202	03	I	7/04	X Frame Type 213 - Wiring Details and Identification Labels

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0202	04	G	7/01	'X' Frame Type 213 Packing Details
MCX	0202	05	H	4/03	X Frame Type 213 Parts List
MCX	0202	06	C	7/01	'X' Frame Type 213 Parts List
MCX	0203	01	A	2/83	Cabinet 609 - Hinge replacement procedure
MCX	0216	01	B	5/85	Post 75B replacement door
MCX	0218	01	Q	5/98	Indicator 400, Lanterns 73 and 82 Electrical Interfaces
MCX	0219	01	A	6/83	Signal Controller 900 Series - Driver (Portable Test Equipment)
MCX	0229	01	D	5/88	Distributor 903B GA
MCX	0229	02	C	6/88	Distributor Box Riveted Assembly - Item 1 Distributor Box 903B
MCX	0229	03	C	6/88	Distributor Box 903B, Distributor Box Manufacture
MCX	0229	04	C	6/88	Distributor Box Lid - Item 3. Distributor Box 903B
MCX	0229	05	B	10/83	Terminal Block Fixing Plate - Item 4 Distributor Box 903B
MCX	0229	06	C	11/85	Terminal Block Plate Support - Item 5 Distributor Box 903B
MCX	0229	07	A	6/80	Lid Fixing Lug - Item 6. Distributor Box 903B
MCX	0229	08	A	1/81	Lid Gasket - continuous Item 13. Distributor Box 903B
MCX	0241	01	A	11/83	Label - Cable Marker
MCX	0285	01	L	8/01	Signal Target Board Type 212 (Polypropylene)
MCX	0286	01	C	8/84	Signals 100 Type
MCX	0290	01	A	5/86	Detector Mould Former

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0298	01	B	10/88	Keyboard for NMCS2
MCX	0306	01	J		Installation Drawing NMCS1 & 2 Cabinet 617 Audio Transmission Stations (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0306	02	J		Installation Drawing NMCS1 & 2 Cabinet 617 Mini-Carrier Transmission Stations (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0306	03	H		Installation Drawing NMCS1 & 2 Cabinet 617 Labelling for Transmission Station (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0311	01	F	8/96	Housing 611D General Assembly
MCX	0311	02	E	8/96	Housing 611D Door Catch & Details
MCX	0311	03	D	8/96	Housing 611D Telephone Housing Body
MCX	0311	04	E	8/96	Housing 611D Mounting Boss & Mounting Plate Details
MCX	0311	05	B	8/96	Housing 611D Cabinet Door Details
MCX	0311	06	L	1/97	Housing 611D Door Handle & Hinge Details
MCX	0311	07	J	8/96	Housing 611D Cable Clamp & Shield Details
MCX	0311	08	G	9/99	Housing 611D - Labels
MCX	0311	09	N	9/99	Housing 611D Telephones Symbols -Front & Back Layouts
MCX	0311	10	J	8/96	Housing 611D Telephone Symbols - Side Layouts RHS & LHS
MCX	0311	11	E	1/97	Housing 611D - Items List
MCX	0318	01	C	8/96	Post Cap 78 Pin Removing Tool
MCX	0325	01	A	7/85	M25 motorway Leatherhead Interchange - Telecommunications and Signals Schematic
MCX	0326	01	C	11/97	Ice Prediction Network Structure

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0327	01	B	6/95	NMCS2 Schematic
MCX	0328	01	C	6/95	Signal Target Frame Covers (Post Mounted) Nos 211; 213
MCX	0328	02	C	6/95	Signal Target Frame Covers (Gantry Mounted) Number 212
MCX	0329	01	C	7/85	Detector Mounting Bracket GA and sub assemblies
MCX	0330	01	A	11/85	Transmission Schematic NMCS2 (Four telephone circuits 20 pair cable)
MCX	0337	01	S		Installation Drawing NMCS1 & 2 Cabinet 600 Wiring (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0337	02	J		Installation Drawing NMCS1 & 2 Cabinet 600 Wiring for Interface Unit Type 2456 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0337	03	G		Installation Drawing NMCS1 Cabinet 600 (Pre 1974 only) Wiring for I/F Unit Type 2456 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0337	04	F		Installation Drawing NMCS1 & 2 Cabinet 600 Wiring for Interface Unit Type 9334 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0337	05	K		Installation Drawing NMCS2 MS3/Message Signs 600 Cabinet Termination NMCS2 Control Cantilever Sites (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0337	06	H		Installation Drawing NMCS2 MS3/Message Signs 600 Cabinet Termination NMCS2 and Standalone Control Cantilever Sites (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0337	07	F		Installation Drawing NMCS2 Message Signs 600 Cabinet Termination NMCS 2 Control Gantry Sites (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0337	08	F		Installation Drawing NMCS2 Message Signs 600 Cabinet Termination Standalone Control Gantry Sites (Note: Available from the Stationery Office as part of MCHW Volume 3,

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0337	10	C		Installation Drawing NMCS1 & 2 TS Marshalling Cabinet 600 30 Pair Installation Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0337	11	C		Installation Drawing NMCS1 & 2 TS Marshalling Cabinet 600 30 Pair Installation of Rear Frame (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0337	12	-		Installation Drawing NMCS1 & 2 TS Marshalling Cabinet 600 30 Pair Installation of Front Frame (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0339	01	K		Installation Drawing NMCS2 MS3/Message Signs and Midas Box 615B Local Termination Arrangements (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0339	02	K		Installation Drawing NMCS2 MS3/Message Signs and Midas Box 615B Local Termination Arrangements (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0339	03	G		Installation Drawing NMCS2 MS3/Message Signs and Midas Box 615B Local Termination Arrangements (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0339	04	F		Installation Drawing NMCS2 MS3/Message Signs and Midas Box 615B Local Termination Arrangements (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0347	02	A		Distribution Box 902B MK II - Sub Assembly of Riveted Items
MCX	0347	03	B		Distribution Box 902B MK II - Details of Box. Item (1) 1 OFF
MCX	0347	04	B		Distribution Box 902B MK II - Details of Lid. Item (2) 1 OFF
MCX	0347	05	B		Distribution Box 902B MK II - Switch Compartment Partition. Item (3) 1 OFF
MCX	0347	06	A		Distribution Box 902B MK II - Switch Compartment Lid. Item (4) 1 OFF

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0347	07	A		Distribution Box 902B MK II - Mounting Bracket (Switch). Item (5) 1 OFF
MCX	0347	08	A		Distribution Box 902B MK II - Details of Lid Bracket. Item (8) 2 OFF
MCX	0347	09	A		Distribution Box 902B MK II - Box Mounting Lug. Item (12) 2 OFF
MCX	0347	10	B		Distribution Box 902B MK II - Support Bracket (Terminals). Item (13) 2 OFF
MCX	0347	11	A		Distribution Box 902B MK II - Terminal Block Fixing Plate. Item (14) 2 OFF
MCX	0347	12	A		Distribution Box 902B MK II - Details of Danger Labels. Item (53) and (60) 1 OFF
MCX	0347	13	A		Distribution Box 902B MK II - Identification Label. Item (54) 1 OFF
MCX	0347	14	A		Distribution Box 902B MK II - Paint Specification. Item (57)
MCX	0347	15	A		Distribution Box 902B MK II - Silk Screen. Details for Compartment Lid. Item (4)
MCX	0347	16	A		Distribution Box 902B MK II - Items List
MCX	0347	17	B		Distribution Box 902B MK II - Items List
MCX	0347	18	A		Distribution Box 902B MK II - Wiring
MCX	0348	01	F	5/98	Indicator 400 Series Graphics Aspect
MCX	0369	01	D	3/02	Terminator Frame Type 13/14 Series Mk I General Assembly
MCX	0369	02	C	9/95	Terminator Frame Type 13/14 Series Mk I Details of Fabrication
MCX	0369	03	D	9/95	Termination Frame Type 13 Series MK1 Tagstrip Type 8006 & Loading Coil Sleeve
MCX	0369	04	D	9/95	Termination Frame Type 13 Series MK1 Wiring Details
MCX	0369	05	E	11/02	Terminator Frame Type 14 Series MK1 - Wiring Details

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0369	06	E	3/02	Terminator Frame Type 13 Series MK1 - Items List
MCX	0369	07	F	4/06	Terminator Frame Type 14 Series MK1 - List
MCX	0381		A	4/86	Cabinet 617A Identification Plate
MCX	0389		C	8/86	Detector Axle Guide Gauge
MCX	0394		A	6/86	Traffic Signal - Position for Measurement of 300mm Green Arrow
MCX	0395		A	6/86	Traffic Signal - Position for Measurement of Pedestrian Signals
MCX	0396		A	6/86	Traffic Signal - 200 mm Green and Amber cycle Symbol
MCX	0397		A	6/86	Traffic Signal - 3 Aspect Head Typical Assembly
MCX	0398		A	6/86	Traffic Signal - Pedestrian Head Typical Assembly
MCX	0399		A	6/86	Traffic Signal - Legends for 300 mm Green Arrow and Pedestrian Light Signals
MCX	0400	01	A	6/86	Traffic Signal - General Mounting of Multiple Signals
MCX	0400	02	A		Traffic Signal - General Mounting Arrangements
MCX	0400	03	A	6/86	Traffic Signal - General Arrangements Signals
MCX	0401		A	6/86	Traffic Signal - Pole Mounted Extension Bracket
MCX	0402	01	A	6/86	Traffic Signal - Visors
MCX	0402	02	A	6/86	Traffic Signal - Visors
MCX	0403		A	6/86	Traffic Signal - Post Cap Cable Termination Assembly
MCX	0426	01	H		Installation Drawing Transmission Wiring for Sector Switch and TLC (NMCS2 Transmission Cabinet) (Note: Available from the Stationery Office as part of MCHW

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0426	02	H		Installation Drawing Transmission Wiring for Sector Switch and TLC (NMCS2 Transmission Cabinet) (Note: Available from the Stationery Office as part of MCHW)
MCX	0447		A	2/87	Pedestrian Tactile Signal
MCX	0449		(a)		Lamp Driver Unit
MCX	0450		A	7/87	NMCS2 Telephone System Timing Diagram
MCX	0452	01	J	9/06	Data Link Connection Box 9902 General Assembly
MCX	0452	02	G	9/02	Data Link Connection Box 9902 General Assembly
MCX	0452	03	J	9/02	Data Link Connection Box 9902 Details of
MCX	0452	04	G	9/02	Data Link Connection Box 9902 Details of Lid
MCX	0452	05	G	9/02	Data Link Connection Box 9902 Switch Compartment Partition, Lid & Switch Gasket
MCX	0452	06	G	9/02	DLCB 9902 - Switch Mounting Bracket & Rail, Wiring Diagram
MCX	0452	07	G	9/02	DLCB 9902 - Details of Lid Bracket & Packing, Mounting Lug, Terminal Support Bracket & Fixing Rail
MCX	0452	08	G	9/06	DLCB 9902 - Label Details for Box, Lid and Compartment Lid
MCX	0452	09	H	9/06	DLCB 9902 - Items List Sheet 1 of 3
MCX	0452	10	L	9/06	DLCB 9902 - Items List (Sheet 2 of 3)
MCX	0452	11	H	9/06	DLCB 9902 - Items List Sheet 3 of 3
MCX	0453	01	B	9/06	Data Link Connection Box 9902 (ATM) General Assembly
MCX	0453	02	B	9/06	Data Link Connection Box 9902 (ATM) Sub Assembly of Rivetted items
MCX	0453	03	B	9/06	Data Link Connection Box 9902 (ATM) Details of Box

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0453	04	B	9/06	Data Link Connection Box 9902 (ATM) Details of Lid
MCX	0453	05	B	9/06	Data Link Connection Box 9902 (ATM) Switch Compartment Partition, Lid and Switch Gasket
MCX	0453	06	B	9/06	Data Link Connection Box 9902 (ATM) Switch Mounting Bracket and Rail, Wiring Diagram
MCX	0453	07	A	11/04	Data Link Connection Box 9902 (ATM) Details of Lid Bracket and Packing, Mounting Lug, Terminal Support Bracket and Fixing
MCX	0453	08	B	9/06	Data Link Connection Box 9902 (ATM) Label Details for Box, Lid and Compartment
MCX	0453	09	B	9/06	Data Link Connection Box 9902 (ATM) Items List (Sheet 1 of 3)
MCX	0453	10	B	9/06	Data Link Connection Box 9902 (ATM) Items List (Sheet 2 of 3)
MCX	0453	11	B	9/06	Data Link Connection Box 9902 (ATM) Items List (Sheet 3 of 3)
MCX	0455		A	7/87	NMCS2 Telephone System Filter Response Curves
MCX	0460	01	D	12/1899	Cable Gland Reducing Kit - General Assembly and Items 1,2 & 8
MCX	0460	02	D	12/1899	Cable Gland Reducing Kit - Items List
MCX	0464	01	A	4/88	North West Region Greater Manchester PCM Network (INTERIM) System 1
MCX	0468	01	A	6/87	Traffic Signal Indications Lane Control
MCX	0468	02	A	6/87	Traffic Signal Indications Lane Control Test Positions
MCX	0470	01	B	5/88	Data Link Connection Box 902E/9902 GA
MCX	0470	02	A	11/87	Data Link Connection Box 902E/9902 GA Details
MCX	0470	03	A	7/87	Data Link Connection Box 902E/9902 GA Label

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0470	04	B	5/88	Data Link Connection Box 902E/9902 GA Wiring
MCX	0470	05	A	11/87	Data Link Connection Box 902E/9902 GA
MCX	0470	06	B	1/89	Data Link Connection Box 902E/9902 GA Items List
MCX	0470	07	A	7/87	Data Link Connection Box 902E/9902 GA
MCX	0476	01	B		Pedestrian Control Panel for Pelican Traffic Signals
MCX	0476	02	B		Pedestrian Control Panel for Traffic Signals
MCX	0486	01	H		Installation Drawing NMCS2 Cable Glands - Gland Types (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0486	02	F		Installation Drawing NMCS Cable Glands - Parts (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0489	01	G		Installation Drawing Cassette Termination Arrangement for Fibre Optic Communications Cables within Cabinet 609 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0489	02	J		Installation Drawing Cassette Termination Arrangement for Fibre Optic Communications Cables within Cabinet 609 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0489	03	H		Installation Drawing Cassette Termination Arrangement for Fibre Optic Communications Cables within Cabinet 609 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0489	04	F		Installation Drawing Cassette Termination Arrangement for Fibre Optic Communications Cables within Cabinet 609 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0489	05	J		Installation Drawing Cassette Termination Arrangement for Fibre Optic Communications Cables within Cabinet 609 Through and Local Sides (Note: Available from the Stationery Office as part of MCHW Volume 3, Section

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MCX	0489	06	J		Installation Drawing Cassette Termination Arrangement for Fibre Optic Communications Cables within Cabinet 609 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0489	07	B		Installation Drawing Cassette Termination Arrangement for Fibre Optic Communications Cables 12 Fibre Armoured - 24 Fibre Unarmoured (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0490	01	J		Installation Drawing Termination Arrangement for Fibre Optic Cables Within Stations and Control Office Buildings (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0490	02	J		Installation Drawing Termination Arrangement for Fibre Optic Communications Cables at Sites Without Computer Flooring (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0490	03	K		Installation Drawing Termination Arrangement for Fibre Optic Cables Within Stations Control Office Buildings (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0490	04	N		Installation Drawing Termination Arrangement for Fibre Optic Communications Cables Within TX Stations and Control Office Buildings (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0490	05	L		Installation Drawing Termination Arrangement for Fibre Optic Cables Within Stations and Control Office Buildings (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0493	01	B	1/03	CABINET 600 SECURITY LATCH KIT GENERAL ASSEMBLY
MCX	0493	02	B	1/03	CABINET 600 SECURITY LATCH KIT SECURITY BOLT SHAFT AND LATCH SUB-ASSEMBLY
MCX	0493	03	B	1/03	CABINET 600 SECURITY LATCH KIT LATCH PLATES - LEFT AND RIGHT
MCX	0493	04	B	1/03	CABINET 600 SECURITY LATCH KIT DOOR STOP AND STRAP

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MCX	0493	05	B	1/03	CABINET 600 SECURITY LATCH KIT ASSEMBLY OF DOOR STOPS AND STRAPS
MCX	0493	06	B	1/03	CABINET 600 SECURITY LATCH KIT ITEMS LIST
MCX	0495		A	3/89	Signal Alignment and Sighting Frame for Gantry and Post Mounted Signals
MCX	0506	01	B	10/99	Cabinet 600 Test Base Plates
MCX	0508	02	B	4/91	Signal Driver Breakout Box NMCS2 - Cable Assemblies
MCX	0508	03	B	4/91	Signal Driver Breakout Box NMCS2 - Items List
MCX	0508	04	A	3/89	Signal Driver Breakout Box NMCS2 - Wiring Schedule
MCX	0508	05	A	3/89	Signal Driver Breakout Box NMCS2 - Wiring Schedule
MCX	0508	06	A	3/89	Signal Driver Breakout Box NMCS2 - Wiring Schedule
MCX	0508	07	A	3/89	Signal Driver Breakout Box NMCS2 - Wiring Schedule
MCX	0508	08	B	4/91	Signal Driver Breakout Box NMCS2 - Wiring Schedule
MCX	0509	01	D		Installation Drawing Gantry Earthing and Bonding (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0509	02	F		Installation Drawing NMCS2 Typical Earth Bonding System for Gantry and Cantilever Structures (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0515	01	E		Installation Drawing NMCS2 Motorway VMS Interconnection of Equipment on Gantries (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0515	02	E		Installation Drawing NMCS2 Motorway VMS Interconnection of Equipment on 6 Lane Gantry & Single Sign (Note: Available from the Stationery Office as part of MCHW 3, Section 3a.)

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MCX	0515	03	E		Installation Drawing NMCS2 Motorway VMS Interconnection of Equipment on Posts (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0517	01	A	9/89	Accommodation Drawing Termination Arrangement for Fibre Optic Communications Cable Repair Joint
MCX	0517	02	A	9/89	Accommodation Drawing termination Arrangement for Fibre Optic Communications Cable Repair Joint
MCX	0518		A	10/89	NMCS Operator Interface Signal to Lane Orientation on Detailed Map
MCX	0542	01	G		Installation Drawing Cabinet 2303 Terminations and Wiring (TS) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0542	02	G		Installation Drawing Cabinet 2303 Terminations and Wiring (TS) Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0542	03	G		Installation Drawing Cabinet 2303 Terminations and Wiring (CO) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0542	04	G		Installation Drawing Cabinet 2303 Terminations and Wiring (CO) Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0543	01	G		Installation Drawing Cabinet 2304 Cable Terminations (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0544	01	F	4/04	PDU 1003 Mk II General Arrangement
MCX	0544	02	F	4/04	PDU 1003 Mk II Sub-Assembly
MCX	0544	03	E	4/04	PDU 1003 Mk II Gland Plate
MCX	0544	04	F	4/04	Power Distribution Unit Type 1003A MK2 - Side Gland Plate & Gasket Details
MCX	0544	05	G	4/04	Power Distribution Unit Type 1003A Mk2 - Labels

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MCX	0544	06	F	4/04	PDU 1003 Mk II Items List
MCX	0544	07	E	4/04	PDU 1003 Mk II Items List
MCX	0544	08	B	4/04	Power Distribution Unit Type 1003A MK2 - Items List Sheet 1 of 3
MCX	0544	09	B	4/04	Power Distribution Unit Type 1003A MK2 - Items List Sheet 2 of 3
MCX	0544	10	B	4/04	Power Distribution Unit Type 1003A MK2 - Items List Sheet 3 of 3
MCX	0546		A	5/90	Traffic Signal Controller TR 0141 Microprocessor ("D" Type Cabinet Screw Lock Bolt Head).
MCX	0550	01	A	10/90	Coaxial Cable Termination Arrangement within a TX Station
MCX	0550	02	A	10/90	Coaxial Cable Termination Arrangement within a TX Station
MCX	0552	01	E		Installation Drawing Co-axial Cable Termination (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0552	02	E		Installation Drawing Co-axial Termination Component List (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0555		B	10/90	Label for Transmission Branch Equipment
MCX	0557	01a	D	3/04	Transmission Station to Specification MCL10470 General Structural Arrangement Full Size Building
MCX	0557	01b	D	3/04	Transmission Station to Specification MCL10470 General Structural Arrangement - Half Size Building
MCX	0557	02a	E	3/04	Transmission Station to Specification MCL10470 Construction Details Full & Half
MCX	0557	02b	D	3/04	Transmission Station to Specification MCL10470 Construction Details - Typical
MCX	0557	03	F	3/04	Transmission Station to Specification MCL10470 Lightning Protection Arrangement

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MCX	0557	04a	F	3/04	Transmission Station to Specification MCL10470 Duct & Electrical Fitting Out
MCX	0557	04b	C	3/04	Transmission Station to Specification MCL10470 Duct & Electrical Fitting Out
MCX	0557	05	G	3/04	Transmission Station to Specification MCL10470 Full Size Building 12 x 8 Tiles Electrical Fitting Out Details - Walls A + B
MCX	0557	06	G	3/04	Transmission Station to Specification MCL10470 Half Size Building 8 x 8 Tiles Electrical Fitting Out details - W
MCX	0557	07	G	3/04	Transmission Station to Specification MCL10470 Full Size Building 12 x 8 Tiles Electrical Fitting Out Details - Walls C + D
MCX	0557	08	G	3/04	Transmission Station to Specification MCL10470 Half Size Building 8 x 8 Tiles Electrical Fitting Out Details - Walls C & D
MCX	0557	09	G	3/04	Transmission Station to Specification MCL10470 Full Size Building 12 x 8 Tiles Electrical Fitting Out Details In Ceiling
MCX	0557	10	G	3/04	Transmission Station to Specification MCL10470 Half Size 8 x 8 Tiles Electrical Fitting Out details In Ceiling
MCX	0557	11a	G	3/04	Transmission Station to Specification MCL10470 Electrical Fitting Out details - AC Distribution & Fuse Allocation
MCX	0557	11b	D	3/04	Transmission Station to Specification MCL10470 Electrical Fitting Out Details Emergency Generator Wiring Details
MCX	0557	12	G	3/04	Transmission Station to Specification MCL10470 Electrical Fitting Out Details DC Distribution & Fuse Allocation
MCX	0557	13a	F	3/04	Transmission Station to Specification MCL10470 Rectifier & Battery Unit - General
MCX	0557	13b	E	3/04	Transmission Station to Specification MCL10470 Rectifier & Battery Unit - Rear
MCX	0557	13c	E	3/04	Transmission Station to Specification MCL10470 Rectifier & Battery Unit - Din rail

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MCX	0557	13d	D	3/04	Transmission Station to Specification MCL10470 Rectifier & Battery Unit - Battery Connection Details.
MCX	0557	13e	C	3/04	Transmission Station to Specification MCL10470 Rectifier & Battery Unit - AC
MCX	0557	14	G	3/04	Transmission station to Specification MCL 10470 Alarm Unit Wiring Details
MCX	0557	15a	G	3/04	Transmission station to Specification MCL 10470 Signs & Labels - Sheet 1 of 2
MCX	0557	15b	B	3/04	Transmission station to Specification MCL 10470 Signs & Labels - Sheet 2 of 2
MCX	0557	16	F	3/04	Transmission Station to Specification MCL 10470 Full Size Building 12 x 8 Tiles Equipment Layout Floor Plan
MCX	0557	17	E	5/96	Transmission Station to Specification MCL 10470 Half Size Building 8 x 8 Tiles Equipment Layout Floor Plan
MCX	0557	18	F	3/04	Transmission Station to Specification MCL 10470 Earthing Bus Bar And Gland Plate Details
MCX	0557	19a	E	3/04	Transmission Station to Specification MCL 10470 Air Conditioning Equipment
MCX	0557	19b	C	3/04	Transmission Station to Specification MCL 10470 Typical Handrail Details
MCX	0557	20	D	3/04	Transmission Station to Specification MCL 10470 Typical Handrail Details
MCX	0558	01	(a)		Motorway Sign Mk2 B General Layout
MCX	0558	02	(a)		Motorway Enhanced Message Sign Layout
MCX	0558	03	(a)		Motorway Enhanced Matrix Indicator Layout
MCX	0558	04	(a)		Motorway 5 x 7 Matrix Alphabet
MCX	0558	05	(a)		Motorway 5 x 7 Matrix Alphabet
MCX	0558	06	(a)		Motorway 5 x 7 Matrix Alphabet

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MCX	0558	07	(a)		Motorway Signs Contrast Measurement
MCX	0558	08	(a)		Motorway Signs Test Area for Contrast Measurement
MCX	0558	09	(a)		Motorway Signs Test Area for Contrast Measurement
MCX	0560	01	F		Installation Drawing NMCS Cabling Arrangement at Transmission Station Building Site (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0561		C	4/92	Detector Facility B Underpass Area - TRRL
MCX	0565	01	F		Installation Drawing NMCS2 Rypical Layout for installing NMCS 2 Signal and Telephone Equipment within a Cabinet Type 600 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0566	01	F		Installation Drawing NMCS2 Showing Details of Providing Power from a Motorway Site to an All-Purpose Road Installation (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0567	01	G	9/06	Distributor 901 General Assembly
MCX	0567	02	F	10/99	Distributor 901 Box Details
MCX	0567	03	E	10/99	Distributor 901 Lid and Gasket Details
MCX	0567	04	G	9/06	Distributor 901 Labels and Wiring
MCX	0567	05	A	10/99	Distributor 901 Items List
MCX	0568		A	4/91	Signal Site Earthing - F Type Gantry
MCX	0569		A	4/91	Signal Site Earthing - F Type Post
MCX	0570		A	5/91	Operator Interface Allocation - 14 inch
MCX	0571		A	5/91	Operator Interface Allocation - 19 inch
MCX	0572		A	5/91	Electricity Safety Label

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0573		(a)		PDU Assembly
MCX	0575	01	F		Installation Drawing Typical 15 Metre and 10 Metre CCTV Mast and Cabinet Base with Paved Area (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0576	01	E	9/06	Data Link Connection Box 9903 General Assembly
MCX	0576	02	E	9/06	Data Link Connection Box 9903 Details of Box Items 1, 14, 15, 17
MCX	0576	03	E	9/06	Data Link Connection Box 9903 Details of Lid - Item 2
MCX	0576	04	F	9/06	Data Link Connection Box 9903 Details of Items 3, 4, 16, 31 Wiring Diagram
MCX	0576	05	E	9/06	Data Link Connection Box 9903 Items List
MCX	0577	01	G	9/06	Data Link Connection Box 9904 General Assembly
MCX	0577	02	F	9/06	Data Link Connection Box 9904 Details of Box Items 1, 14, 15, 17
MCX	0577	03	F	9/06	Data Link Connection Box 9904 Details of Lid - Item 2
MCX	0577	04	F	9/06	Data Link Connection Box 9904 Details of Items 3, 4, 16, 30 Wiring Diagram
MCX	0577	05	F	9/06	Data Link Connection Box 9904 Items List
MCX	0582	01	K		Installation Drawing NMCS2 Message Signs and Motorway Signals Mk3 Preferred Outstation Layout (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0582	02	E		Installation Drawing NMCS2 Message Signs and Motorway Signals Mk3 Preferred Highload Route Outstation Layout (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0582	03	D		Installation Drawing NMCS2 Message Signs and Motorway Signals Mk3 Preferred Outstation Layout for Restricted Space (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0583	01	K		Installation Drawing NMCS2 Motorway Signals Mk3 Cantilever Structures Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0583	02	J		Installation Drawing NMCS2 Motorway Signals Mk3 (3x18) Structures - Cantilever Elevation (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0583	03	K		Installation Drawing NMCS2 Motorway Signals Mk3 (3x18) Cantilever Structures - Sectional Plan at Walkway Level (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0583	04	K		Installation Drawing NMCS2 Motorway Signals Mk3 (3x18) Cantilever Structures - Typical Cross Section Through Walkway (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0583	05	F		Installation Drawing NMCS2 Motorway Signals Mk3 (2x16) Cantilever Structures - Cantilever Elevation (Note: Available from the Stationery Office as part of MCHW
MCX	0583	06	E		Installation Drawing NMCS2 Motorway Signals Mk3 (2x16) Cantilever Structures - Sectional Plan at Walkway Level (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0583	07	E		Installation Drawing NMCS2 Motorway Signals Mk3 (2x16) Cantilever Structures - Typical Cross Section Through Walkway (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0583	08	G		Installation Drawing NMCS2 Motorway Signals Mk3 (2x16 & 3x18) Cantilever Structures - HD Arrangements (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0583	09	D		Installation Drawing NMCS2 Motorway Signals Mk3 (2x16 & 3x18) Cantilever Coupling - Casting Template (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0583	10	E		Installation Drawing NMCS2 Motorway Signals Mk3 (2x16 & 3x18) Cantilever Structures - HD Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0583	11	E		Installation Drawing NMCS2 Motorway Signals Mk3 (2x16 & 3x18) Cantilever Structures - Standard Column (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0583	12	B		Installation Drawing NMCS2 Motorway Signals Mk3 (2x16 & 3x18) Holding Down Arrangement Coupler Detail (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0584	01	L		Installation Drawing NMCS2 Message Signs on Portal Gantries General Conceptual Metalwork (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0584	02	K		Installation Drawing NMCS2 Message Signs on Portal Gantries (Structure/Sign Interface) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0584	03	L		Installation Drawing NMCS2 Message Signs Alterations to HA Standard, Portal Gantries of 19 to 21m Span Steelwork at Left Hand End (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0584	04	L		Installation Drawing NMCS2 Message Signs Alterations to HA and SERO Standard, Portal Gantries of 23 to 35m Span Steelwork at Left Hand End (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0584	05	L		Installation Drawing NMCS2 Message Signs - Alterations to HA and SERO standard, Portal Gantries of 23 to 35m Span Steelwork in Mid Span (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0584	06	J		Installation Drawing NMCS2 Message Signs - Standard Details Page 1 of 2 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0584	07	K		Installation Drawing NMCS2 Message Signs - Standard Details Page 2 of 2 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0584	08	H		Installation Drawing NMCS2 Message Signs - Alterations to HA Standard, Portal Gantries of 19 to 35m Span Alterations to Sign Support Steelwork Page 1 of 2 (Note: Available from the Stationery Office as part of MCHW 3, Section 3a.)
MCX	0584	09	H		Installation Drawing NMCS2 Message Signs - Alterations to HA Standard, Portal Gantries of 19 to 35m Span Alterations to Sign Support Steelwork Page 2 of 2 (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0584	10	J		Installation Drawing NMCS2 Message Signs General Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0587	01	D		Installation Drawing PW Interface Cabinet - Typical Arrangement for PSTN Connection Only - Non Armoured Cable (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0587	02	D		Installation Drawing PW Interface Cabinet - Typical Arrangement for PSTN Connection Only - Armoured Cable (Note: Available from the Stationery Office as part of MCHW 3, Section 3a.)
MCX	0587	03	D		Installation Drawing PW Interface Cabinet - Typical Arrangement for Private Wire Rented Circuit (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0587	04	C		Installation Drawing PW Interface Cabinet - Typical Arrangement for 2Mbt/s Private Rented Circuit (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0590	01	H		Installation Drawing NMCS2 Motorway Signal Mk3 Cantilever Site - Typical Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0591	01	H		Installation Drawing NMCS2 Message Signs Portal Gantry Site with Lane Signalling Typical Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0592	01	G		Installation Drawing NMCS2 Midas Loops Feeder Cable Joint (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0592	02	E		Installation Drawing NMCS2 Midas Outstation Typical Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0592	03	E		Installation Drawing NMCS2 Midas Outstation Typical Arrangement where more than 20 Loops per Site Exist (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0592	04	E		Installation Drawing NMCS2 Midas Outstation Typical Arrangement where more than 20 Loops per Site Exist with MIDAS Transponder (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0594	01	G		Installation Drawing NMCS2 Midas Outstation 600 Cabinet Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0594	02	G		Installation Drawing NMCS2 Midas Transponder and Outstation 600 Cabinet Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0594	03	G		Installation Drawing NMCS2 - MIDAS System 600 Cabinet Feeder Cable Termination Examples (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0594	04	C		Installation Drawing NMCS2 Midas Transponder and Outstation Lightning Protection Unit Positioning (Note: Available from the Stationery Office as part of
MCX	0602	01	E		Installation Drawing NMCS2 Security Strap for Cabinet 600 (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0602	02	E		Installation Drawing NMCS2 Security Strap for Cabinet 609 (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0653		A	1/93	Housing Gig for Standard Sensor Retaining Screw
MCX	0654		A	2/93	Cabinet ATDC heater bracket
MCX	0689	01	A	7/93	NMCS2 Lightning Protection Circuits - Telephone
MCX	0689	02	B	7/93	NMCS2 Lightning Protection Circuits - RS 485

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0689	03	B	7/93	HLDC NMCS1 & Telephone Circuits
MCX	0708	01	E	5/05	Lantern 73 or 82 Mk2 - General Assembly
MCX	0708	02	D	4/99	Lanterns 73 or 82 Mk 2 Details of Lantern Shell
MCX	0708	03	D	4/99	Lanterns 73 or 82 Mk 2 Details of Bezel
MCX	0708	04	E	4/99	Lanterns 73 or 82 Mk 2 Details of Mounting Boss
MCX	0708	05	D	4/99	Lanterns 73 or 82 Mk 2 Details of Reflector
MCX	0708	06	D	4/99	Lanterns 73 or 82 Mk 2 Details of Lens
MCX	0708	07	D	4/99	Lanterns 73 or 82 Mk 2 Details of Gaskets
MCX	0708	08	A	4/99	Lanterns 73 or 82 Mk 2 Filament Alignment Test
MCX	0708	09	B	5/05	Lanterns 73 or 82 Mk 2 Packaging Guide
MCX	0708	10	F	5/05	Lanterns 73 or 82 Mk 2 Items List
MCX	0709	01	A	11/93	Lens Mask for Chevron (Open Arrow)
MCX	0709	02	A	11/93	Lens Mask for Chevron (Closed Arrow)
MCX	0720	01	F	9/06	Data Link Connection Box 9905 General Assembly
MCX	0720	02	F	9/06	Data Link Connection Box 9905 Details of Box Items 1, 14, 15, 17
MCX	0720	03	F	9/06	Data Link Connection Box 9905 Details of Lid Item 2
MCX	0720	04	F	9/06	Data Link Connection Box 9905 Details of Items 3, 4, 16, 31 Wiring Diagram
MCX	0720	05	F	9/06	Data Link Connection Box 9905, Items List
MCX	0723	01	E		Installation Drawing Camera Site Cabinet Layout (Note: Available from the Stationery Office as part of MCHW Volume 3, Section

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MCX	0723	02	D		Installation Drawing Camera Site Duct Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0723	03	D		Installation Drawing Camera Site Earthing Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0728	01	A	3/95	Signs - VMS Driver Box Dimensions
MCX	0728	02	A	3/95	Signs - Fixed Text Variable Message Typical Drive and Monitor Lines
MCX	0729	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Scheme Design Index
MCX	0730	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Typical Post Arrangement Layout
MCX	0731	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Typical Gantry Arrangement
MCX	0732	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Fixed Signs - General Details
MCX	0732	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Fixed Signs - Post Foundation Details Type 1
MCX	0732	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Fixed Signs - Post Foundation Details Type 2
MCX	0733	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post Electrical
MCX	0733	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post Electrical Installation
MCX	0733	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post Electrical Cable Details
MCX	0734	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Structural Notes General
MCX	0735	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post - Structural Layout

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0735	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post - Structural Foundation Details
MCX	0735	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post - Structural Foundation Reinforcement Details
MCX	0735	04	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post - Structural Foundation Reinforcement Bar Schedule
MCX	0735	05	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post - Structural Mounting Arrangement C
MCX	0735	06	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post - Structural Safety Fence and Paving Details (Option 1)
MCX	0735	07	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post - Structural Safety Fence and Paving Details (Option 2)
MCX	0735	08	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post - Structural Handrail
MCX	0736	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post - Structural Layout
MCX	0736	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post - Optical Alignment Setting Out
MCX	0736	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Post - Optical Alignment Setting Out
MCX	0737	01	A	11/95	Transmission Station Power Alarm Unit - Circuit Diagram
MCX	0737	02	A	11/95	Transmission Station Intruder Alarm Unit - Parts List
MCX	0738	01	A	11/95	Transmission Station Intruder Alarm Unit Circuit Diagram
MCX	0738	02	A	11/95	Transmission Station Intruder Alarm Unit - Cabinet Diagram (Components)
MCX	0738	03	A	11/95	Transmission Station Intruder Alarm Unit - Cabinet Diagram (Components)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0738	04	A	11/95	Transmission Station Intruder Alarm Unit - Parts List
MCX	0739	01	A	11/95	Transmission Station Alarm Monitor Unit - Cabinet Layout
MCX	0739	02	A	11/95	Transmission Station Alarm Monitor Unit - Wiring Details
MCX	0740	01	A	11/95	Cabinet 617 Alarm Monitor Unit - Mounting Detail for PAU/IAU
MCX	0740	02	A	11/95	Cabinet 617 Alarm Monitor Unit - Mounting Plate and Mains Pick Up Details
MCX	0740	03	A	11/95	Cabinet 617 Alarm Monitor Unit - Shelf Mounting Detail
MCX	0740	04	A	11/95	Cabinet 617 Alarm Monitor Unit - Audio and Mini Carrier Wiring Detail
MCX	0740	05	A	11/95	Cabinet 617 Alarm Monitor Unit - Audio Wiring Detail
MCX	0740	06	A	11/95	Cabinet 617 Alarm Monitor Unit - Mini Carrier Wiring Detail
MCX	0800	01	G	7/97	Installation Drawing NMCS (Ducted Cable) Network Design Typical Outstation Layout (Post Signals)
MCX	0800	02	G	7/97	Installation Drawing NMCS (Ducted Cable) Network Design Typical Outstation Layout (Gantry Signals)
MCX	0800	03	E		Installation Drawing NMCS (Ducted Cable) Network Design MCX 0800 Series Drawings
MCX	0801	01	G		Installation Drawing NMCS (Ducted Cable) Schematic Layout Emergency Telephone Sites (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0801	02	G		Installation Drawing NMCS (Ducted Cable) Schematic Layout Post Mounted Signal Sites (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0801	03	G		Installation Drawing NMCS (Ducted Cable) Schematic Layout Gantry and Cantilever Sites (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0801	04	J		Installation Drawing NMCS (Ducted Cable) Schematic Layout MIDAS Sites (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0801	05	H		Installation Drawing NMCS (Ducted Cable) Schematic Layout CCTV Sites (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0802	01	F		Installation Drawing NMCS (Ducted Cable) Interface with Non Ducted Network General Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0810	01	F		Installation Drawing NMCS (Ducted Cable) Network Ducts Sections (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0810	02	C		Installation Drawing NMCS (Ducted Cable) Interface with Non Ducted Network General Arrangement (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0810	03	E		Installation Drawing NMCS (Ducted Cable) Network Ducts Deep Traverse Ducts (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0811	01	H		Installation Drawing NMCS (Ducted Cable) Local Ducts To Cabinet Sites (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0811	02	D		Installation Drawing NMCS (Ducted Cable) Local Ducts Connections to Post Signals (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0811	03	D		Installation Drawing NMCS (Ducted Cable) Local Ducts Connection to Telephones (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0811	04	H		Installation Drawing NMCS (Ducted Cable) Local Ducts Connection to Gantries and Cantilevers (Note: Available from the Stationery Office as part of MCHW Volume 3,

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0812	01	F		Installation Drawing NMCS (Ducted Cable) Cabinet Arrangements General Layout (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0812	02	G		Installation Drawing NMCS (Ducted Cable) Cabinet Arrangements Plinth Details (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0813	01	G		Installation Drawing NMCS (Ducted Cable) Transmission Stations Chamber and Cabinet Arrangements (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0814	01	F		Installation Drawing NMCS (Ducted Cable) Duct Installation Longitudinal Ducts (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0814	02	F		Installation Drawing NMCS (Ducted Cable) Duct Installation Local Ducts (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0814	03	F		Installation Drawing NMCS (Ducted Cable) Duct Installation Transverse Ducts (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0814	04	F		Installation Drawing NMCS (Ducted Cable) Duct Installation Spacer and Strapping (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0814	05	F		Installation Drawing NMCS (Ducted Cable) Duct Installation Mechanical Duct Plug (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0815	01	H		Installation Drawing NMCS (Ducted Cable) Chambers Type A (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0815	02	F		Installation Drawing NMCS (Ducted Cable) Chambers Cable Support for Type A (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0815	03	H		Installation Drawing NMCS (Ducted Cable) Chambers Type B (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0815	04	H		Installation Drawing NMCS (Ducted Cable) Chambers Type C (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0820	01	E		Installation Drawing NMCS (Ducted Cable) Cable Joint Enclosure (CJE) General Details (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0821	01	F		Installation Drawing NMCS (Ducted Cable) Cable Joint Enclosure (CSE) Layout Longitudinal Cable Joints Types 15-1, 15-2, 15-3, 15-4 (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0821	02	F		Installation Drawing NMCS (Ducted Cable) Cable Joint Enclosure (CSE) Layout Cable Joint Type 15L (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0821	03	F		Installation Drawing NMCS (Ducted Cable) Cable Joint Enclosure (CSE) Layout Cable Joints Type RSI, HFC & T (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0821	04	F		Installation Drawing NMCS (Ducted Cable) Cable Joint Enclosure (CSE) Layout Cable Joint Type 15F (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0822	01	G		Installation Drawing NMCS (Ducted Cable) CJE Internal Wiring Schematic Type 15-1 Unloaded Longitudinal Cable (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0822	02	F		Installation Drawing NMCS (Ducted Cable) CJE Internal Wiring Schematic Type 15-2 Longitudinal Cable (Note: Available from the Stationery Office as part of MCHW Volume 3 Section 3a.)
MCX	0822	03	F		Installation Drawing NMCS (Ducted Cable) CJE Internal Wiring Schematic Type 15-3 Longitudinal Cable (Note: Available from the Stationery Office as part of MCHW Volume Section 3a.)
MCX	0822	04	F		Installation Drawing NMCS (Ducted Cable) CJE Internal Wiring Schematic Type 15-4 Longitudinal Cable (Note: Available from the Stationery Office as part of MCHW Vol 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0822	05	H		Installation Drawing NMCS (Ducted Cable) CJE Internal Wiring Schematic Local Cable Joint (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0822	06	F		Installation Drawing NMCS (Ducted Cable) Internal Wiring Schematic RSI, HFC, T Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0823	01	E		Installation Drawing NMCS (Ducted Cable) CJE External Wiring Longitudinal Cable Joint (Note: Available from the Stationery Office part of MCHW Volume 3, Section 3a.)
MCX	0823	02	F		Installation Drawing NMCS (Ducted Cable) CJE External Wiring Local Cable Joint (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0823	03	H		Installation Drawing NMCS (Ducted Cable) CJE External Wiring Multipurpose Cable Joint - RSI & T (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0823	04	F		Installation Drawing NMCS (Ducted Cable) CJE External Wiring Multipurpose Cable Joint - HFC (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0824	01	E		Installation Drawing NMCS (Ducted Cable)Cable Joint Enclosure (CJE) Cable Pair Allocation (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0830	01	E		Installation Drawing NMCS (Ducted Cable) 600/609/620 Cabinets General Installation Details (Note: Available from the Stationery Office as part of MCHW Volume 3, Section)
MCX	0831	01	F		Installation Drawing NMCS (Ducted Cable) 600 Cabinet -Fitting Out Details Termination Frame (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0832	01	H		Installation Drawing NMCS (Ducted Cable) 600 Cabinet - Internal Wiring Details (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0832	02	D		Installation Drawing NMCS (Ducted Cable) 600 Cabinet - Internal Wiring Schedule (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0833	01	F		Installation Drawing NMCS (Ducted Cable) 600 Cabinet - External Wiring IDC Terminations (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0833	02	E		Installation Drawing NMCS (Ducted Cable) 600 Cabinet - External Wiring Cable Clamp Details (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0834	01	E		Installation Drawing NMCS (Ducted Cable) 600 Cabinet Equipment Configuration Transponder (Signals Only) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0834	02	E		Installation Drawing NMCS (Ducted Cable) 600 Cabinet Equipment Configuration Responder Only (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0834	03	E		Installation Drawing NMCS (Ducted Cable) 600 Cabinet Equipment Configuration Transponder and Responder (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0834	04	E		Installation Drawing NMCS (Ducted Cable) 600 Cabinet Equipment Configuration MIDAS Detector (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0834	05	E		Installation Drawing NMCS (Ducted Cable) 600 Cabinet Equipment Configuration MIDAS Transponder and Detector (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0834	06	E		Installation Drawing NMCS (Ducted Cable) 600 Cabinet Equipment Configuration MIDAS Detector and Transponder (Signals Only) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0834	07	F		Installation Drawing NMCS (Ducted Cable) 600 Cabinet Equipment Configuration Gantry - NMCS2 Control (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0834	08	F		Installation Drawing NMCS (Ducted Cable) 600 Cabinet Equipment Configuration Gantry - Standalone Control (Note: Available from the Stationery Office as part of MCHW 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0834	09	F		Installation Drawing NMCS (Ducted Cable) 600 Cabinet Equipment Configuration MS3 Cantilever - NMCS2 Control (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0834	10	F		Installation Drawing NMCS (Ducted Cable) 600 Cabinet Equipment Configuration MS3 Cantilever - Standalone Control (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0851	01	E		Installation Drawing NMCS (Ducted Cable) 40 Pair to 30 Pair Interface Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0851	02	F		Installation Drawing NMCS (Ducted Cable) 40 Pair to 30 Pair Interface Internal Schematic (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0851	03	E		Installation Drawing NMCS (Ducted Cable) 40 Pair to 30 Pair Interface External Cabling 40 Pair (Note: Available from the Stationery Office as part of MCHW Volume 3, Section)
MCX	0851	04	E		Installation Drawing NMCS (Ducted Cable) 40 Pair to 30 Pair Interface External Cabling 30 Pair (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0852	01	F		Installation Drawing NMCS (Ducted Cable) Interface Arrangement Fibre Interface (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0853	01	E		Installation Drawing NMCS (Ducted Cable) Marshalling Cabinet - TS Building Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0853	02	E		Installation Drawing NMCS (Ducted Cable) Marshalling Cabinet - TS Building Cabinet 600/620 Rear (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0853	03	E		Installation Drawing NMCS (Ducted Cable) Marshalling Cabinet - TS Building Cabinet 620 Front (Note: Available from the Stationery Office as part of MCHW Volume 3,

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0854	01	E		Installation Drawing NMCS (Ducted Cable) Marshalling Cabinet 617 Site Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0854	02	E		Installation Drawing NMCS (Ducted Cable) Marshalling Cabinet 617 Site Cabinet 600/620 Rear (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0854	03	E		Installation Drawing NMCS (Ducted Cable) Marshalling Cabinet 617 Site Cabinet 600/620 External Cabling (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0861	01	E		Installation Drawing NMCS (Ducted Cable) Transmission Station Cabinet 2303 Notes (1 of 2) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0861	02	E		Installation Drawing NMCS (Ducted Cable) Transmission Station Cabinet 2303 Notes (2 of 2) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0861	03	E		Installation Drawing NMCS (Ducted Cable) Transmission Station Cabinet 2303 Terminations & Wiring (Note: Available from the Stationery Office as part of MCHW
MCX	0862	01	E		Installation Drawing NMCS (Ducted Cable) Control Office Cabinet 2303 Notes (1 of 2) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0862	02	E		Installation Drawing NMCS (Ducted Cable) Control Office Cabinet 2303 Notes (2 of 2) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0862	03	E		Installation Drawing NMCS (Ducted Cable) Control Office Cabinet 2303 Terminations and Wiring (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0863	01	F		Installation Drawing NMCS (Ducted Cable) Control Office Cabinet 2304 Terminations and Wiring (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0864	01	F		Installation Drawing NMCS (Ducted Cable) Fibre Optic Distribution Rack (ODF) Notes (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0864	02	E		Installation Drawing NMCS (Ducted Cable) Fibre Optic Distribution Rack (ODF) Suspended Floor (Non Armoured Cable) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0864	03	E		Installation Drawing NMCS (Ducted Cable) Fibre Optic Distribution Rack (ODF) Solid Floor (Non Armoured Cable) (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0864	04	G		Installation Drawing NMCS (Ducted Cable) Fibre Optic Distribution Rack (ODF) Armoured and Non Armoured Cable (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0864	05	E		Installation Drawing NMCS (Ducted Cable) Fibre Optic Distribution Rack (ODF) Coaxial and Carrier Termination Frame (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0864	06	F		Installation Drawing NMCS (Ducted Cable) Fibre Optic Distribution Rack (ODF) Fibre Distribution Tray (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0864	07	F		Installation Drawing NMCS (Ducted Cable) Fibre Optic Distribution Rack (ODF) Parts List (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0871	01	F		Installation Drawing NMCS (Ducted Cable) Cable Termination and Continuity Kit (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0871	02	E		Installation Drawing NMCS (Ducted Cable) Cable Termination and Continuity Kit (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0871	03	E		Installation Drawing NMCS (Ducted Cable) Cable Termination and Continuity Kit (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0872	01	E		Installation Drawing NMCS (Ducted Cable) Cable Installation Cable Marking (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0873	01	F		Installation Drawing NMCS (Ducted Cable) Cable Management Joint Chamber (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0873	02	D		Installation Drawing NMCS (Ducted Cable) Cable Management Details (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0899	01	G		Installation Drawing NMCS (Ducted Cable) Modification To Termination Frame 600 Cabinet (Note: Available from the Stationery Office as part of MCHW Volume 3, Section
MCX	0900	01	B*	2/01	Transmission Cable Network (Ducted) Fabrication Details - 600 Cabinet Termination Frame Details
MCX	0900	02	A*	2/01	Transmission Cable Network (Ducted) Fabrication Details - 600 Cabinet Termination Frame Details
MCX	0901	01	F	11/03	40 Pair Termination Framework for Cabinet 600 - General Assembly
MCX	0901	02	E	11/03	40 Pair Termination Framework for Cabinet 600 - Parts List
MCX	0901	03	E	11/03	40 Pair Termination Framework for Cabinet 600 - Connector Mounting Rail
MCX	0901	04	E	11/03	40 Pair Termination Framework for Cabinet 600 - Label Details
MCX	0901	05	D	11/03	40 Pair Termination Framework for Cabinet 600 - Mounting Accessories
MCX	0901	06	E	11/03	40 Pair Termination Framework for Cabinet 600 - Side Rails and Brackets
MCX	0902	01	B	2/96	Cabinet 2303 - Modification Frame for 40 Pair Cable - General Assembly
MCX	0902	02	A	2/96	Cabinet 2303 - Modification Frame for 40 Pair Cable - Frame Mounting
MCX	0902	03	A	2/96	Cabinet 2303 - Modification Frame for 40 Pair Cable - Mounting Bracket
MCX	0903	01	E	11/03	Termination Frame Coaxial and Carrier for Optical Distribution Frame - General

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0903	02	D	11/03	Termination Frame Coaxial and Carrier for Optical Distrubution Frame - Mounting Frame
MCX	0903	03	D	11/03	Termination Frame Coaxial and Carrier for Optical Distribution Frame - Connector Mounting Panel
MCX	0903	04	B	11/03	Termination Frame Coaxial and Carrier for Optical Distribution Frame - Parts List
MCX	0904	01	C	11/03	30 Pair Termination Framework for Cabinet 600 - General Assembly
MCX	0904	02	C	11/03	30 Pair Termination Framework for Cabinet 600 - Parts List
MCX	0904	03	C	11/03	30 Pair Termination Framework for Cabinet 600 - Connector Mounting Rail
MCX	0904	04	C	11/03	30 Pair Termination Framework for Cabinet 600 - Label Details
MCX	0904	05	C	11/03	30 Pair Termination Framework for Cabinet 600 - Mounting Accessories
MCX	0904	06	C	11/03	30 Pair Termination Framework for Cabinet 600 - Side Rails and Brackets
MCX	0907	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI and EMS Interconnections 5 Lane Gantry
MCX	0907	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI, EMS and Enforcement Equipment Interconnections 4 Lane Gantry
MCX	0907	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI, EMS and Enforcement Equipment Interconnections 3 Lane Gantry
MCX	0908	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI, EMS and Enforcement Equipment Interconnections 5 Lane Gantry
MCX	0908	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI,EMS and Enforcement Equipment Interconnections 4 Lane Gantry
MCX	0908	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI, EMS and Enforcement Equipment Interconnections 3 Lane Gantry

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0909	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Cabling Installation Typical Gantry
MCX	0909	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Cabling Installation Contractors' Responsibilities
MCX	0910	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Electrical Infrastructure General Arrangement
MCX	0910	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Electrical Infrastructure General Installation Details
MCX	0910	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Electrical Infrastructure Ee Cable Tray and Socket Enclosure Details
MCX	0911	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Mains Distribution MDU Schematic
MCX	0911	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Mains Distribution MDU Assembly
MCX	0911	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Mains Distribution MDU Labels
MCX	0911	04	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Mains Distribution MDU Enclosure
MCX	0911	05	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Mains Distribution Ee Power Socket Enclosure
MCX	0912	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI - Structural Typical General Arrangement
MCX	0912	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI - Structural General Arrangement of Typical Mounting
MCX	0913	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CM Enforcement Equipment Typical general Arrangement

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0913	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CM Enforcement Equipment ADS Typical Aperture Details
MCX	0913	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CM Enforcement Equipment Ee Enclosure Details
MCX	0913	04	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CM Enforcement Equipment Typical Security Gate To Access Ladder
MCX	0914	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Gantry Mounted CMI Optical Alignment Criteria
MCX	0914	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Gantry Mounted CMI Optical Alignment Setting Out
MCX	0914	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Gantry Mounted CMI Optical Alignment Setting Out
MCX	0914	04	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Gantry Mounted CMI Optical Alignment Setting Out
MCX	0916	01	A	12/95	Traffic Signal -Traffic Light Assembly
MCX	0916	02	A	12/95	Traffic Signal - Lampholder/Reflector Assembly
MCX	0916	03	A	12/95	Traffic Signal - I/F Ring /Reflector Assembly
MCX	0916	04	A	12/95	Traffic Signal - Lampholder Stand off Hinge Block Left & Right Hand Bayonet Pin
MCX	0916	05	A	12/95	Traffic Signal - Reflector I/F Ring
MCX	0916	06	A	12/95	Traffic Signal - Face Plate
MCX	0916	07	A	12/95	Traffic Signal - Pedestrian Green 200 mm & 300mm
MCX	0916	08	B	2/97	Traffic Signal - Pedestrian Red 200mm & 300mm
MCX	0916	09	A	12/95	Traffic Signal - Disc coloured 200mm & 300mm

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MCX	0916	10	A	12/95	Traffic Signal - Body 200mm
MCX	0916	11	A	12/95	Traffic Signal - Reflector 200mm
MCX	0916	12	A	12/95	Traffic Signal - Lens 200mm
MCX	0916	13	A	12/95	Traffic Signal - Mask 200mm
MCX	0916	13(a)	A	8/96	Traffic Signal - Mask 200mm Location Template
MCX	0916	13(b)	A	8/96	Traffic Signal - Mask 200mm Screening Jig
MCX	0916	14	A	12/95	Traffic Signal - Chevron 200mm
MCX	0916	15	A	12/95	Traffic Signal - I/F 'Elequip' 200mm
MCX	0916	16	A	12/95	Traffic Signal - I/F Ring 'GEC' 200mm
MCX	0916	17	A	12/95	Traffic Signal - I/F 'Plessey' 200mm
MCX	0916	18	A	12/95	Traffic Signal - Body 300mm
MCX	0916	19	A	12/95	Traffic Signal - Reflector 300mm
MCX	0916	20	A	12/95	Traffic Signal - Lens 300mm
MCX	0916	21	A	12/95	Traffic Signal - Mask 300mm
MCX	0916	22	A	12/95	Traffic Signal - Chevron 300mm
MCX	0916	23	A	12/95	Traffic Signal - I/F 'Equip' 300mm
MCX	0916	24	A	12/95	Traffic Signal - I/F 'GEC/Plessey' 300mm
MCX	0917	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Electrical Infrastructure SNMD Gantry General Arrangement
MCX	0917	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Electrical Infrastructure SNMD Gantry General Installation Details

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MCX	0917	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Electrical Infrastructure SNMD Gantry Ee Cable Tray and Socket Enclosure Details
MCX	0918	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Structural Details - SNMD Gantry Typical General Arrangement for Gantry Mounted CMI
MCX	0918	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Structural Details - SNMD Gantry Typical General Arrangement for Gantry Mounting Arrangement
MCX	0918	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Structural Details - SNMD Gantry CMI Mounting Arrangement A (6.5 degrees) General Arrangement
MCX	0918	04	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Structural Details - SNMD Gantry CMI Mounting Arrangement A Details
MCX	0918	05	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Structural Details - SNMD Gantry CMI Mounting Arrangement B (20 degrees) General Arrangement
MCX	0918	06	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Structural Details - SNMD Gantry CMI Mounting Arrangement B Details
MCX	0918	07	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Structural Details - SNMD Gantry CMI Miscellaneous Details
MCX	0919	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Enforcement Structural Details - SNMD Gantry Fixings
MCX	0919	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Enforcement Structural Details - SNMD Gantry ADS Aperture Details
MCX	0919	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Enforcement Structural Details - SNMD Gantry Signs Camera Repeater Sign Fixings
MCX	0919	04	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Enforcement Structural Details - SNMD Gantry Security Gate To Gantry Access Ladder General Arrangement

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MCX	0919	05	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Enforcement Structural Details - SNMD Gantry Security Gate To Gantry Access Ladder Details
MCX	0920	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Enclosure Front Elevation
MCX	0920	02	A	12/97	Installation Drawing - Controlled Motorway CMI Enclosure Side and Rear Elevation
MCX	0920	03	A	12/97	Installation Drawing - Controlled Motorway CMI Enclosure Support Frame Details
MCX	0921	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Aspects
MCX	0922	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI To Enforcement Equipment Interface Operating Principle
MCX	0923	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Interface Connections Schematic
MCX	0923	02	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Interface Connections - Electrical Diagram
MCX	0923	03	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Interface Connections - Optical Diagram
MCX	0923	04	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI/Ee Gantry Interface Connections - Cable Detail
MCX	0924	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway Ee Typical Photographic Evidence Layout
MCX	0925	01	A	12/97	Installation Drawing NMCS2 - Controlled Motorway CMI Ambient Light Monitor General Arrangement
MCX	0952	01	A	1/97	MIDAS Installation Cable Drawings.
MCX	0952	02	A	1/97	MIDAS System Block Diagram.
MCX	0952	03	A	1/97	LEAD - Instation to LCC.

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MCX	0952	04	A	1/97	LEAD, LCC Transponder and Instation DTE.
MCX	0952	05	A	1/97	LEAD, PCM to MIU MK2.
MCX	0952	06	A	1/97	LEAD - Transponder Analog Link to LPU.
MCX	0952	07	A	1/97	LEAD - Transponder LPU Analog Link to Line.
MCX	0952	08	A	1/97	LEAD - Transponder RS485 to LPU
MCX	0952	09	A	1/97	LEAD - Transponder LPU RS485 to Line.
MCX	0952	10	A	1/97	LEAD Outstation LPU to Line.
MCX	0952	11	A	1/97	LEAD - Outstation to LPU.
MCX	0952	12	A	1/97	LEAD - Outstation to Interface Blocks.
MCX	0952	13	A	1/97	LEAD - Interface Blocks to Loops.
MCX	0953	01	A	4/96	Control Office (Test) Boundry No 1
MCX	0953	02	A	4/96	Control Office (Test) Boundry No 2
MCX	0953	03	A	4/96	Control Office (Test) Boundry No 3
MCX	0953	04	A	4/96	Control Office (Test) Boundry No 4
MCX	0953	05	A	4/96	Control Office (Test) Boundry No 5
MCX	0953	06	A	4/96	Control Office (Test) Boundry No 6
MCX	0954	01	A	5/96	Traffic Flow Diagram No 1
MCX	0954	02	A	5/96	Traffic Flow Diagram No 2
MCX	0954	03	A	5/96	Traffic Flow Diagram No 3
MCX	0954	04	A	5/96	Traffic Flow Diagram No 4
MCX	0954	05	A	5/96	Traffic Flow Diagram No 5

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MCX	0954	06	A	5/96	Traffic Flow Diagram No 6
MCX	0954	07	A	5/96	Traffic Flow Diagram No 7
MCX	0954	08	A	5/96	Traffic Flow Diagram No 8
MCX	0954	09	A	5/96	Traffic Flow Diagram No 9
MCX	0954	10	A	5/96	Traffic Flow Diagram No 10
MCX	0954	11	A	5/96	Traffic Flow Diagram No 11
MCX	0954	12	A	5/96	Traffic Flow Diagram No 12
MCX	0954	13	A	5/96	Traffic Flow Diagram No 13
MCX	0954	14	A	5/96	Traffic Flow Diagram No 14
MCX	0954	15	A	5/96	Traffic Flow Diagram No 15
MCX	0973	01	A	11/96	Telephone 'Not In Use' Bag.
MCX	0983	01	D	12/06	Installation Drawing - Telephone 354 Sheet Index (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	0983	02	D	12/06	Installation Drawing - Telephone 354 General Installation notes
MCX	0983	03	D	12/06	Installation Drawing - Telephone 354 Type A, N - Verge, No Safety Fence, No Kerb
MCX	0983	04	D	12/06	Installation Drawing - Telephone 354 Type B, O - Verge, No Safety Fence, Kerb Available from The Stationery Office
MCX	0983	05	D	12/06	Installation Drawing - Telephone 354 Type C, P - Verge, Safety Fence, No Kerb Available from The Stationery Office
MCX	0983	06	D	12/06	Installation Drawing - Telephone 354 Type D, Q - Verge, Safety Fence, Kerb Available from The Stationery Office
MCX	0983	07	D	12/06	Installation Drawing - Telephone 354 Type E, R - Alternative Mix Base for Pinch

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0983	08	D	12/06	Installation Drawing - Telephone 354 Type F - Parapet without Safety Rail
MCX	0983	09	D	12/06	Installation Drawing - Telephone 354 Type G - Wall Mounting
MCX	0983	10	D	12/06	Installation Drawing - Telephone 354 Type H - Recess
MCX	0983	11	D	12/06	Installation Drawing - Telephone 354 Type I - Typical Tunnel/Panel Mounting
MCX	0983	12	D	12/06	Installation Drawing - Telephone 354 Type J, S - End of Safety Fence
MCX	0983	13	D	12/06	Installation Drawing - Telephone 354 Type K, T - Alternative for Surface Mounting (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	0983	14	D	12/06	Installation Drawing - Telephone 354 Type M - Alternative for Existing Post 71
MCX	0983	15	D	12/06	Installation Drawing - Telephone 354 Handrail Installation
MCX	0983	16	D	12/06	Installation Drawing - Telephone 354 Type U, Asphalt Ramp for Layby Sites with Risk of Vehicle Overrun Available from The Stationery Office
MCX	0983	17	B	12/06	Installation Drawing - Telephone 354 Type V, Concrete Ramp for Layby Sites with Risk of Vehicle Overrun Available from TSO
MCX	0983	18	B	12/06	Installation Drawing - Telephone 354 Stock Code List for Replacement Units and Spares Available from The Stationery Office
MCX	0991	01	B	12/06	Cabinet 609 Security Strap Assembly
MCX	0991	02	B	12/06	Cabinet 609 Security Strap Assembly
MCX	0993	01	B	11/00	Cabinet 2303 - Termination Frame Assembly
MCX	0993	02	B	11/00	Cabinet 2303 - Side Plates, Top Plates and Jumper Supports
MCX	0993	03	B	11/00	Cabinet 2303 - Connector Mounting Rail, Label Support Plate & Labels

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	0993	04	B	11/00	Cabinet 2303 - Mounting Accessories
MCX	0993	05	B	11/00	Caninet 2303 - Outer Cabinet Assembly
MCX	0993	06	B	11/00	Caninet 2303 - Cabinet Main Box and Termination Frame Hangers
MCX	0993	07	C	11/03	Cabinet 2303 - Cabinet Door Left Hand and Right Hand
MCX	0993	08	B	11/00	Caninet 2303 - Trunking General Arrangement and Cable Tie Detail
MCX	0993	09	B	11/00	Cabinet 2303 - Parts List 1 of 2
MCX	0993	10	C	11/03	Cabinet 2303 - Parts List 2 of 2
MCX	1001		(a)		Cabinet 620
MCX	1004	01	B	6/00	Cabinet 600 - General Arrangement
MCX	1004	02	B	6/00	Cabinet 600 - Items List
MCX	1004	03	A	10/99	Cabinet 600 - Body Assembly
MCX	1004	04	B	6/00	Cabinet 600 - Door Assembly
MCX	1004	05	C	9/02	Cabinet 600 - Lid & Weather Shield Details, Heater Support Plate, Cable Clamping Frame
MCX	1004	06	B	6/00	Cabinet 600 - Earthing Details, Heater & Thermostat Details, PDU Support Plate & Frame Support Boss
MCX	1004	07	A	10/99	Cabinet 600 - Lancing Bar, Vertical Bars A & B & Horizontal Bar Assembly
MCX	1004	08	A	10/99	Cabinet 600 - Vertical Bars A & B
MCX	1004	09	B	6/00	Cabinet 600 - Horizontal Bar & Lacing Bar
MCX	1004	10	B	6/00	Cabinet 600 - Mounting Strip Right Hand
MCX	1004	11	B	6/00	Cabinet 600 - Mounting Strip Left Hand
MCX	1004	12	B	6/00	Cabinet 600 - Door Details, Sections C, D, E & F

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1004	13	A	10/99	Cabinet 600 - Heater Type 1020 & Thermostat General Assembly
MCX	1004	14	B	9/02	Cabinet 600 - Door Latch, Door Stop Details & Labels A-D
MCX	1004	15	A	10/99	Cabinet 600 - Responder Rail Left Hand & Right Hand Assembly
MCX	1004	16	B	6/00	Cabinet 600 - Responder/Transponder Frame Type 1006 Securing Brackets Assembly & Weather Shield Assembly
MCX	1007	01	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Notes
MCX	1007	02	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - General Arrangement Sht 1 of 3
MCX	1007	03	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - General Arrangement Sht 2 of 3
MCX	1007	04	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - General Arrangement Sht 3 of 3
MCX	1007	05	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Sign Fixings
MCX	1007	06	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Base Plate & Holding Down Bolts Sht 1 of 2
MCX	1007	07	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Base Plate & Holding Down Bolts Sht 2 of 2
MCX	1007	08	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Casting Template
MCX	1007	09	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Splice Plate
MCX	1007	10	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Mounting Plate for Isolator Switch 901
MCX	1007	11	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Sign Setting Out & Optical Alignment Sht 1 of 2

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1007	12	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Sign Setting Out & Optical Alignment Sht 2 of 2
MCX	1007	13	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Typical Earth Bonding System
MCX	1007	14	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Cabinet 600 Termination NMCS2 Control
MCX	1007	15	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Cabling Infrastructure Typical Arrangement
MCX	1007	16	B	11/05	Installation Drawings NMCS2 Motorway Signal MS4 - Preferred Outstation Layout
MCX	1008	01	B	8/03	Installation Drawings NMCS2. Ramp Metering - Schematic Layout
MCX	1009	01	B	8/03	Installation Drawing NMCS2 Ramp Metering - Outstation Arrangement
MCX	1010	01	B	8/03	Installation Drawing NMCS Ramp Metering - Cabinet and Loop Arrangements
MCX	1011	01	B	8/03	Installation Drawing NMCS Ramp Metering - Single Lane Loop and Chamber Configuration
MCX	1011	02	B	8/03	Installation Drawing NMCS Ramp Metering - Two Lane Loop and Chamber Configuration
MCX	1012	01	B	8/03	Installation Drawing NMCS Ramp Metering - Cable Connection Detail Signal Post
MCX	1013	01	B	8/03	Installation Drawing NMCS Ramp Metering - Control Outstation Cabinet 600 Arrangement
MCX	1013	02	B	8/03	Installation Drawing NMCS Ramp Metering - Cabinet 600 Feeder Cable Termination Examples

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1013	03	B	8/03	Installation Drawing NMCS Ramp Metering - Cabinet 600 Lightning Protection Detail
MCX	1014	01	B	8/03	Installation Drawing NMCS Ramp Metering - Cabinet 600 Lightning Protection Detail
MCX	1014	02	B	8/03	Installation Drawing NMCS Ramp Metering - Typical Arrangement Legend
MCX	1015	01	B	8/03	Installation Drawing NMCS Ramp Metering - On Ramp Schematic
MCX	1016	01	B	8/03	Installation Drawing NMCS Ramp Metering - Fixed Sign Layout
MCX	1017	01	B	8/03	Installation Drawing NMCS Ramp Metering - Traffic Signals and Backing Boards
MCX	1017	02	B	8/03	Installation Drawings NMCS Ramp Metering - Traffic Signals and Backing Boards
MCX	1018	01	B	8/03	Installation Drawing NMCS Ramp Metering - Cantilever & Associated Cabinets Layout
MCX	1018	02	B	8/03	Installation Drawing NMCS Ramp Metering - Traffic Signal Posts and Associated Cabinets Layout
MCX	1018	03	B	8/03	Installation Drawing NMCS Ramp Metering - Outstation Layout General Notes
MCX	1019	01	B	8/03	Installation Drawing NMCS Ramp Metering - Cantilever Standard Layout
MCX	1020	01	B	8/03	Installation Drawing NMCS Ramp Metering - Cantilever Base Standard Layout
MCX	1020	02	B	8/03	Installation Drawing NMCS Ramp Metering - Cantilever Base Standard Layout

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1021	01	B	8/03	Installation Drawing NMCS Ramp Metering - Alignment of Signal Heads
MCX	1021	02	B	8/03	Installation Drawing NMCS Ramp Metering - Alignment of Signal Heads
MCX	1022	01	B		Installation Dwg. NMCS2 Indicator Type 94XX Matrix Indicator (Including Signal Driver) Gantry D.L.C.B Standard & Extension Arrangements (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	1022	02	B		NMCS2 Type 94XX Matrix Indicator (Including Signal Driver) Motorway Signals Interconnections of Equipment on Gantries (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	1022	03	B		NMCS 2 Type 94XX Matrix Indicator (Including Signal Driver) Motorway Signals Interconnections of Equipment on Gantries (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	1022	04	C		Installation Dwg. NMCS2 Type 94XX Matrix Indicator (Including Signal Driver) Motorway Signal Interconnections of Equipment on Rural Sites. (Note: Available from the Stationery Office as part of MCHW Volume 3,
MCX	1022	05	B		NMCS 2 Type 94XX Matrix Indicator (Including Signal Driver) Aspects (Note: Available from the Stationery Office as part of MCHW Volume 3, Section 3a.)
MCX	1026	01	B	5/06	Installation Drawing NMCS2 Nomad Additional Asset Data Nomad duct bar code label mounting plate (Note: Available from the Stationery Office as part of the MCHW
MCX	1026	02	A		Installation Drawing NMCS2 Nomad Additional Asset Data Nomad Communications Asset bar code labels (Note: Available from the Stationery Office as part of the MCHW Volume 3, Section 3a.)
MCX	1026	03	A		Installation Drawing NMCS2 Nomad Additional Asset Data Nomad labels placement in typical joint chamber (Note: Available from the Stationery Office as part of the MCHW Volume 3, Section 3a.)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1026	04	A		Installation Drawing NMCS2 Nomad Additional Asset Data Nomad labels placement in typical box 615 (Note: Available from the Stationery Office as part of the MCHW Volume 3, Section 3a.)
MCX	1027	01	A	12/02	Engineers Terminal case for Psion Workabout MX Scanner
MCX	1028		A	5/03	Manufacturing Drawing Above Ground Cable Joint Copper
MCX	1029		A	6/03	M4 Wiltshire
MCX	1030	01	B		Installation Drawings Unarmoured Copper Above Ground Cable Joint. General Notes and Cable Pair Allocation. (Note: Available from the Stationery Office as part of the MCHW Volume 3, Section 3a.)
MCX	1030	02	B		Installation Drawings Unarmoured Copper Above Ground Cable Joint. Telephone Sites - Schematic Layout. (Note: Available from the Stationery Office as part of the MCHW
Volume					3, Section 3a.)
MCX	1030	03	B		Installation Drawings Unarmoured Copper Above Ground Cable Joint. Signal Post Sites - Schematic Layout (Note: Available from the Stationery Office as part of the MCHW 3, Section 3a.)
MCX	1030	04	B		Installation Drawings Unarmoured Copper Above Ground Cable Joint. Cable Reserve and Entry Sup Signal Sites - Schematic Layout (Note: Available from the Stationery Office as part of the MCHW Volume 3, Section 3a.)
MCX	1030	05	B		Installation Drawings Unarmoured Copper Above Ground Cable Joint. Portal and Cantilever Sites - Schematic Layout (Note: Available from the Stationery Office as part of the MCHW Volume 3, Section 3a.)
MCX	1030	06	B		Installation Drawings Unarmoured Copper Above Ground Cable Joint. Midas Sites - Schematic Layout (Note: Available from the Stationery Office as part of the MCHW 3, Section 3a.)
MCX	1030	07	B		Installation Drawings Unarmoured Copper Above Ground Cable Joint. CCTV Sites - Schematic Layout (Note: Available from the Stationery Office as part of the MCHW 3, Section 3a.)

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MCX	1030	08	B		Installation Drawings Unarmoured Copper Above Ground Cable Joint. Dual Cabinet Sites - Layout (Note: Available from the Stationery Office as part of the MCHW Volume 3, 3a.)
MCX	1030	09	B		Installation Drawings Unarmoured Copper Above Ground Cable Joint. Multiple Cabinet Sites - Layout (Note: Available from the Stationery Office as part of the MCHW 3, Section 3a.)
MCX	1030	10	B		Installation Drawings Unarmoured Copper Above Ground Cable Joint. Verges of Less than 3.5m - Multiple Cabinet Sites (Note: Available from the Stationery Office as part of the MCHW Volume 3, Section 3a.)
MCX	1030	11	A		Installation Drawing: Unarmoured Copper and Fibre Above Ground Cable Joint - Interconnection details between cabinet 600 and AGCJ (Note: Available from the Stationery Office as part of the MCHW
MCX	1030	12	A		Installation Drawing: Unarmoured Copper and Fibre Above Ground Cable Joint - Interconnection details between cabinet 600 ST and AGCJ (Note: Available from the Stationery Office as part of the MCHW
MCX	1030	13	A		Installation Drawing: Unarmoured Copper and Fibre Above Ground Cable Joint - Interconnection details between cabinet 600 TR and AGCJ (Note: Available from the Stationery Office as part of the MCHW
MCX	1030	14	A		Installation Drawing: Unarmoured Copper and Fibre Above Ground Cable Joint - Interconnection details between cabinet 600 ST and TR and AGCJ (Note: Available from the Stationery Office as part of the MCHW Volume 3, Section 3a.)
MCX	1030	15	A		Installation Drawing: Unarmoured Copper and Fibre Above Ground Cable Joint - Interconnection details between cabinet 600 MD and AGCJ (Note: Available from the Stationery Office as part of the MCHW
MCX	1030	16	A		Installation Drawing: Unarmoured Copper and Fibre Above Ground Cable Joint - Interconnection details between cabinet 600 MT/MD and AGCJ (Note: Available from the Stationery Office as part of the MCHW

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MCX	1030	18	A		Installation Drawing: Unarmoured Copper and Fibre Above Ground Cable Joint - Interconnection details between cabinet 600 MS and AGCJ (Note: Available from the Stationery Office as part of the MCHW
MCX	1031	01	A	8/06	NMCS2 Controlled Motorway AMI Aspects
MCX	1031	02	A	8/06	NMCS 2 Controlled Motorway AMI/EE Primary Interface Connections Including Option for Actively Managed Hard
MCX	1031	03	A	8/06	NMCS2 Controlled Motorway AMI Cable Marshalling Unit Schematic Including Provision for Actively Managed
MCX	1031	04	A	8/06	NMCS2 Controlled Motorway AMI/EE/CMU Electrical Interface Cables
MCX	1031	05	A	8/06	NMCS2 Controlled Motorway AMI Fixing Geometry
MCX	1031	06	A	8/06	NMCS2 Controlled Motorway AMI Interface Frame Drilling Details
MCX	1031	07	A	8/06	NMCS2 Controlled Motorway AMI and EE Interconnections 4 Lane Gantry Example Including Actively Managed
MCX	1031	08	A	8/06	NMCS2 Controlled Motorway AMI Upper Fixing Bracket - Gantry Mounted
MCX	1031	09	A	8/06	NMCS2 Controlled Motorway AMI Lower Fixing Bracket - Gantry Mounted
MCX	1032	02	A	7/07	Cabinet 600 Security Strap Mk 2 - Details and Assembly
MCX	1032	A	01	7/07	Cabinet 600 Security Strap/Mk 2 - Details
MCX	1049	01	A	7/05	Telephone 354 Index
MCX	1049	010	A	7/05	Surface Mounting Plate
MCX	1049	011	B	4/06	Telephone 354 Hybrid Post
MCX	1049	012	A	7/05	'Not in Use' Cover Details

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1049	013	A	7/05	Packing Box Detail
MCX	1049	015	A	7/05	Column Mounted GSM Variant General Assembly
MCX	1049	017	A	7/05	Column General Arrangement Sheet 1 of 2
MCX	1049	018	A	7/05	Column General Arrangement Sheet 2 of 2 (Battery Mounting Details)
MCX	1049	019	A	7/05	Column Frame Sub Assembly
MCX	1049	02	A	7/05	Standard Concrete Plinth Hand Rail Type
MCX	1049	020	A	7/05	Column Sub Assembly
MCX	1049	021	A	7/05	Column
MCX	1049	022	A	7/05	Column Bottom Plate
MCX	1049	023	A	7/05	Column Top Plate
MCX	1049	024	A	7/05	Column Shelf
MCX	1049	025	A	7/05	Column Front Cover Sub Assembly
MCX	1049	026	A	7/05	Detail of Column Covers Showing Moulded Detail Before Splitting Sheet 1 of 2
MCX	1049	028	A	7/05	Column Front Cover Machining Detail
MCX	1049	029	A	7/05	Column Rear Cover Machining Detail
MCX	1049	03	A	7/05	600 Cube Concrete Plinth
MCX	1049	030	A	7/05	Cover Stiffener
MCX	1049	031	A	7/05	Free Standing Unit Battery Wiring for 12v/4 &
MCX	1049	032	A	7/05	Barrier Unit General Arrangement
MCX	1049	033	A	7/05	Barrier Unit Wiring Diagram NMCS2 Wire Variant

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1049	034	A	7/05	Barrier Box
MCX	1049	035	A	7/05	Barrier Unit Cover Plate
MCX	1049	036	A	7/05	Barrier Box Gasket
MCX	1049	037	A	7/05	Moulded Connector Cover
MCX	1049	038	A	7/05	Connector Cover Retaining Screw
MCX	1049	039	A	7/05	Connector Cover Gasket
MCX	1049	04	A	7/05	Cable Pit Moulding
MCX	1049	040	A	7/05	Instrument Module General Assembly
MCX	1049	041	A	7/05	Instrument Module Housing Assembly
MCX	1049	042	A	7/05	Striker Plate
MCX	1049	043	A	7/05	Instrument Module Door Assembly
MCX	1049	044	A	7/05	Instrument Housing Sheet 1 of 2
MCX	1049	045	A	7/05	Instrument Housing Sheet 2 of 2
MCX	1049	046	A	7/05	Conical Spring
MCX	1049	047	A	7/05	Instrument Module Internal Frame Base Section Assembly
MCX	1049	048	A	7/05	Instrument Module Internal Frame Base Section
MCX	1049	049	A	7/05	Instrument Module Internal Frame Top Assembly
MCX	1049	05	A	7/05	Recycle Logo
MCX	1049	050	A	7/05	Instrument Module Internal Frame Top
MCX	1049	052	A	7/05	Door
MCX	1049	06	A	7/05	Spacer Washer

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1049	07	A	7/05	Break Washer
MCX	1049	08	A	7/05	Wire Tether
MCX	1049	09	A	7/05	Fabricated Guard Rail
MCX	1049	098	A	7/05	Instrument Panel Cover
MCX	1049	099	A	7/05	Instrument Cover Gasket
MCX	1049	100	A	7/05	D-Type Sealing Gasket
MCX	1049	101	A	7/05	Motherboard Sub Assembly
MCX	1049	102	A	7/05	Led/Comms Cable Wiring Assembly
MCX	1049	103	A	7/05	LCD Cable Wiring Assembly
MCX	1049	104	A	7/05	LCD Support Bracket
MCX	1049	105	A	7/05	Security Fastener Sub Assembly
MCX	1049	106	A	7/05	Security Fixing Shaft
MCX	1049	107	A	7/05	Stowage Sub Assembly
MCX	1049	108	A	7/05	Stowage Gasket
MCX	1049	109	A	7/05	Handset Stowage
MCX	1049	110	A	7/05	Hook Switch Wiring Assembly
MCX	1049	111	A	7/05	Upper Handset Moulding
MCX	1049	112	A	7/05	Lower Handset Moulding
MCX	1049	113	A	7/05	Handset Ballast Weight
MCX	1049	114	A	7/05	Magnetic Support Foam Block
MCX	1049	115	A	7/05	Handset Fusible Link

Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1049	116	A	7/05	Handset Steel Cord
MCX	1049	117	A	7/05	Handset Wiring Assembly
MCX	1049	118	A	7/05	Handset Cord Grommet with Noise Cancelling Hole
MCX	1049	119	A	7/05	Handset Microphone Boot Noise Cancelling
MCX	1049	120	A	7/05	Handset Ear Piece Waterproof Gasket
MCX	1049	121	A	7/05	Handset Ear Piece Scaling Boot
MCX	1049	122	A	7/05	Handset Receiver Disc
MCX	1049	123	A	7/05	Handset Microphone Front Porous Disc
MCX	1049	124	A	7/05	Header Module General Arrangement
MCX	1049	125	A	7/05	Header Module Sub Assembly
MCX	1049	126	A	7/05	Header Moulding Sheet 1 of 2
MCX	1049	127	A	7/05	Header Moulding Sheet 2 of 2
MCX	1049	128	A	7/05	Reflective Label
MCX	1049	129	A	7/05	Characters and Numerals for Labels
MCX	1049	130	A	7/05	Highways Agency Label
MCX	1049	131	A	7/05	Header Beacon General Arrangement
MCX	1049	132	A	7/05	Beacon Unit Wiring Diagram (Standard Assembly)
MCX	1049	133	A	7/05	Header Module Clear Cover Sheet 1 of 2
MCX	1049	134	A	7/05	Header Module Clear Cover Sheet 2 of 2
MCX	1049	135	A	7/05	Header Module Sounder Seat
MCX	1049	136	A	7/05	PCB Insulator

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1049	137	A	7/05	Mounting Plate Assembly
MCX	1049	138	A	7/05	Mounting Plate
MCX	1049	139	A	7/05	Sounder Clamp
MCX	1049	14	A	7/05	Column Mounted General Assembly
MCX	1049	140	A	7/05	GSM Header Module Assembly
MCX	1049	141	A	7/05	GSM Unit Sub Assembly
MCX	1049	142	A	7/05	GSM Unit Wiring Layout Sheet 1 of 2
MCX	1049	143	A	7/05	GSM Unit Wiring Layout Sheet 2 of 2 (Cable Assemblies)
MCX	1049	144	A	7/05	GSM Unit Support Bracket
MCX	1049	145	A	7/05	GSM Stay
MCX	1049	146	A	7/05	GSM Support Bracket Sub Assembly
MCX	1049	147	A	7/05	Tunnel Variant General Arrangement
MCX	1049	148	A	7/05	Tunnel Variant Battery Charger/Installation Wiring Diagram
MCX	1049	149	A	7/05	Tunnel Variant Instrument Housing
MCX	1049	150	A	7/05	Striker Plate Bracket Top
MCX	1049	151	A	7/05	Striker Plate Bracket Bottom
MCX	1049	152	A	7/05	Tunnel Variant Cable Clip Bracket
MCX	1049	153	A	7/05	Tunnel Variant Instrument Housing Assembly
MCX	1049	154	A	7/05	Tunnel Variant Mounting Bracket
MCX	1049	155	A	7/05	Tunnel Variant Stand-Off Bracket
MCX	1049	156	A	7/05	Tunnel Variant Mounting Bracket Assembly

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1049	157	A	7/05	No Column Variant Internal Frame Sheet 1 of 2
MCX	1049	158	A	7/05	No Column Variant Internal Frame Sheet 2 of 2
MCX	1049	159	A	7/05	No Column Variant Internal Frame Assembly
MCX	1049	16	A	7/05	Overall Cabling Layout
MCX	1049	160	A	7/05	Tunnel Variant Beacon Mounting Bracket 16 degree Slope
MCX	1049	161	A	7/05	Tunnel Variant Beacon Gasket Set
MCX	1049	162	A	7/05	Tunnel Variant Header Beacon General Arrangement
MCX	1049	163	A	7/05	Tunnel Variant Beacon Unit Wiring Diagram
MCX	1049	164	A	7/05	Cap Moulding Spacer
MCX	1049	165	A	7/05	Recess Variant Instrument Unit & Header Module Assembly
MCX	1049	166	A	7/05	Cap Moulding
MCX	1049	167	A	7/05	No Column GSM Variant Instrument Unit & Header Module
MCX	1049	168	A	7/05	No Column GSM Variant Instrument Module
MCX	1049	169	A	7/05	No Column GSM Variant Instrument Housing Assembly
MCX	1049	170	A	7/05	Parapet Mounting Post
MCX	1049	171	A	7/05	Header Remote Bracket
MCX	1049	172	A	7/05	Parapet Mount Gland Plate
MCX	1049	173	A	7/05	Connector Mounting Plate
MCX	1049	174	A	7/05	No Column Variant Instrument Unit & Header
MCX	1049	175	A	7/05	Rail Mounted Clamp Bracket

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1049	176	A	7/05	Rail Mounted Support Tube
MCX	1049	177	A	7/05	Rail Mounted Post Assembly Detail
MCX	1049	178	A	7/05	No Column Variant Instrument Module
MCX	1049	179	A	7/05	Battery Clamp
MCX	1049	180	A	7/05	No Column Variant Instrument Housing Assembly
MCX	1049	181	A	7/05	No Column Variant Connector Mounting Plate
MCX	1049	182	A	7/05	No Column Variant Connector Mounting Plate Assembly
MCX	1049	183	A	7/05	Wall Mounting Bracket
MCX	1049	184	A	7/05	TAG Board Insulator
MCX	1049	185	A	7/05	PCO General Assembly
MCX	1049	186	A	7/05	PCO Wiring Diagram Sheet 1 of 4
MCX	1049	187	A	7/05	PCO Wiring Detail Sheet 2 of 4
MCX	1049	188	A	7/05	TLC Connection Cable Sheet 3 of 4
MCX	1049	189	A	7/05	KYM Extender Cable Sheet 4 of 4
MCX	1049	190	A	7/05	ERT Unit Battery Wiring for 2 x 6V/4Ah Battery
MCX	1049	191	A	7/05	LRU 2 Header Module
MCX	1049	192	A	7/05	LRU 3 Instrument Housing Standard
MCX	1049	193	A	7/05	LRU 4 Instrument Housing No Column Variant
MCX	1049	194	A	7/05	LRU 5 Instrument Housing Tunnel Variant
MCX	1049	195	A	7/05	LRU 6 Instrument Unit
MCX	1049	196	A	7/05	LRU 7 Header Beacon Tunnel Variant

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1049	197	A	7/05	Instrument Sheet 1 Processor
MCX	1049	198	A	7/05	Instrument Sheet 2 Power
MCX	1049	199	A	7/05	Instrument Sheet 3 Analogue
MCX	1049	200	A	7/05	Instrument Sheet 4 Overview
MCX	1049	201	A	7/05	Telephone Board Component Layout
MCX	1049	202	A	7/05	Daughter Sheet 1 Daughter Board Top Sheet
MCX	1049	203	A	7/05	Daughter Sheet 2 Board Configuration Circuitry
MCX	1049	204	A	7/05	Daughter Sheet 3 High Pass Filter Circuitry
MCX	1049	205	A	7/05	Daughter Sheet 4 Compandor Circuitry
MCX	1049	206	A	7/05	Daughter Sheet 5 Noise Gate Circuitry
MCX	1049	207	A	7/05	Daughter Sheet 6 Rectifier Circuitry
MCX	1049	208	A	7/05	Daughter Sheet 7 Speech Tracking Circuitry
MCX	1049	209	A	7/05	Daughter Sheet 8 Speech Detection Circuitry
MCX	1049	210	A	7/05	Daughter Sheet 9 Speech Attenuation Circuitry
MCX	1049	211	A	7/05	Daughter Board Component Layout
MCX	1049	212	A	7/05	LED/COMMS
MCX	1049	213	A	7/05	LED/COMMS Board Component Layout
MCX	1049	214	A	7/05	Beacon Sheet 1 Xenon Beacon Top Sheet
MCX	1049	215	A	7/05	Beacon Sheet 2 Power Supply Circuitry
MCX	1049	216	A	7/05	Beacon Sheet 3 Signal Input Circuitry
MCX	1049	217	A	7/05	Beacon Sheet 4 Shutdown/Timeout/Tube Trigger Generation Circuitry

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1049	218	A	7/05	Beacon Sheet 5 Switch Mode Circuitry
MCX	1049	219	A	7/05	Beacon Sheet 6 High Voltage/Xenon/Tube/Trigger Circuitry
MCX	1049	220	A	7/05	Beacon Sheet 7 PCB Layout Information
MCX	1049	221	A	7/05	Beacon Sheet 8 PCB Configuration Circuitry
MCX	1049	222	A	7/05	Beacon Sheet 9 Proposed PCB Component Placements
MCX	1049	223	A	7/05	Beacon Board Component Layout
MCX	1049	224	A	7/05	GSM
MCX	1049	225	A	7/05	GSM Board Component Layout
MCX	1049	226	A	7/05	Barrier
MCX	1049	227	A	7/05	Barrier Board Component Layout Sheet 1 of 2
MCX	1049	228	A	7/05	Barrier Board Component Layout Sheet 2 of 2
MCX	1049	229	B	4/06	Telephone 354 Labels
MCX	1049	230	A	7/05	Solar Panel
MCX	1049	27	A	7/05	Detail of Column Covers showing Moulded detail before Splitting Sheet 2 of 2
MCX	1049	51	A	7/05	Door Moulding Sub Assembly
MCX	1049	53	A	7/05	Door Handset Symbol
MCX	1049	54	A	7/05	Door Label
MCX	1049	55	A	7/05	Door Label Service Selection
MCX	1049	56	A	7/05	Door Label Non Text
MCX	1049	57	A	7/05	Door Bottom Hinge Bracket Assembly
MCX	1049	58	A	7/05	Door Bottom Hinge Bracket

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1049	59	A	7/05	Door Hinge Boss
MCX	1049	60	A	7/05	Door Top Hinge Bracket Assembly
MCX	1049	61	A	7/05	Door Top Hinge Bracket
MCX	1049	62	A	7/05	Door Spring Housing
MCX	1049	63	A	7/05	Door Spring Bottom
MCX	1049	64	A	7/05	Door Spring Top
MCX	1049	65	A	7/05	Instrument Unit Top Line Assembly
MCX	1049	66	A	7/05	Instrument Unit Customer Information
MCX	1049	67	A	7/05	Door Switch Wiring Assembly
MCX	1049	68	A	7/05	Instrument Panel Sub Assembly
MCX	1049	69	A	7/05	Instrument Panel Sheet 1 of 8
MCX	1049	70	A	7/05	Instrument Panel Sheet 2 of 8
MCX	1049	71	A	7/05	Instrument Panel Sheet 3 of 8
MCX	1049	72	A	7/05	Instrument Panel Sheet 4 of 8
MCX	1049	73	A	7/05	Instrument Panel Sheet 5 of 8
MCX	1049	74	A	7/05	Instrument Panel Sheet 6 of 8
MCX	1049	75	A	7/05	Instrument Panel Sheet 7 of 8
MCX	1049	76	A	7/05	Instrument Panel Sheet 8 of 8
MCX	1049	77	A	7/05	Acoustic Path Cover
MCX	1049	78	A	7/05	Display/Illuminated Window
MCX	1049	79	A	7/05	Disc Ear Piece

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCX	1049	80	A	7/05	Disc Mouth Piece
MCX	1049	81	A	7/05	Cordhead Cover
MCX	1049	82	A	7/05	Tick Switch Sub Assembly
MCX	1049	83	A	7/05	Actuator Switch Standard
MCX	1049	84	A	7/05	Button Cap Tick
MCX	1049	85	A	7/05	Rubber Seal Switch
MCX	1049	86	A	7/05	Cross Switch Sub Assembly
MCX	1049	87	A	7/05	Actuator Switch Extended
MCX	1049	88	A	7/05	Button Cap Cross
MCX	1049	89	A	7/05	Cordhead Sub Assembly
MCX	1049	90	A	7/05	Cordhead Sealing Boot
MCX	1049	91	A	7/05	Cordhead Support Bracket
MCX	1049	92	A	7/05	Cordhead Locking Bracket
MCX	1049	93	A	7/05	Instrument Cover Sub Assembly
MCX	1049	94	A	7/05	25 Way D-Type Cable Wiring Assembly
MCX	1049	95	A	7/05	15 Way D-Type Cable Wiring Assembly
MCX	1049	96	A	7/05	9 Way D-Type Cable Wiring Assembly
MCX	1049	97	A	7/05	D-Type Sealing Plate
MCY	0578	01	-	3/93	Welwyn Co Hatfield Tunnel VMS
MCY	0578	02	-	4/93	Welwyn Co Hatfield Tunnel VMS
MCY	0707	01	D	3/03	M25 Controlled Motorway Pilot Scheme Overall Schematic - Junctions 10-15

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCY	0707	02	B	3/03	M25 Controlled Motorway Pilot Scheme Overall Schematic - Junction 16
MCY	0707	03	A	3/03	M25 Controlled Motorway Pilot Scheme Overall Schematic - Junctions 8-10
MCY	0707	04	A	3/03	M25 Controlled Motorway Pilot Scheme Overall Schematic - Junctions 6-8
MCY	0707	05	A	3/03	M25 Controlled Motorway Pilot Scheme Overall Schematic - M4 Bus Lane Extension
MCY	0996		A	12/97	Controlled Motorways Area - Location of EMS
MCY	1005		A	10/98	M4 Bus Lane - Monitoring Sites
MCY	1006	01	A	10/99	M25 Road Traffic Advisor Project, Overall Schematic.
MCY	1024	01	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER SYMBOLS AND SCHEMATIC DRAWING KEY
MCY	1024	02	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 114 (M/P 28/5)
MCY	1024	03	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 115 (M/P 32/9)
MCY	1024	04	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 113 (M/P 64/3)
MCY	1024	05	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 112 (M/P 79/1)
MCY	1024	06	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 112 (M/P 79/1)
MCY	1024	07	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 111 (M/P 84/3)
MCY	1024	08	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 311 (M/P 92/6)
MCY	1024	09	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 312 (M/P 95/0)
MCY	1024	10	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 313 (M/P 99/7)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCY	1024	11	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 314 (M/P 107/8)
MCY	1024	12	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 315 AND 316 (M/P 21/5 AND 22/4)
MCY	1024	13	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 213 (M/P 107/6)
MCY	1024	14	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 213 (M/P 107/6)
MCY	1024	15	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 213 (M/P 107/6)
MCY	1024	16	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 214 (M/P 105/9)
MCY	1024	17	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 214 (M/P 105/9)
MCY	1024	18	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 211 (M/P 86/5)
MCY	1024	19	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 211 (M/P 86/5)
MCY	1024	20	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 212 (M/P 83/5)
MCY	1024	21	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 011 (M/P 63/1)
MCY	1024	22	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 010 (M/P 59/4)
MCY	1024	23	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 012 (M/P 57/0)
MCY	1024	24	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 012 (M/P 57/0)
MCY	1024	25	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 017 (M/P 44/9)
MCY	1024	25	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 017 (M/O 44/9)
MCY	1024	26	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 017 (M/P 49/9)

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCY	1024	27	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 016 (M/P 42/2)
MCY	1024	28	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 013 and 015 (M/P 26/3 and 1/0)
MCY	1024	29	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 116 (M/P 17/4)
MCY	1024	30	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 117 (M/P 14/4)
MCY	1024	31	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 114 (M/P 28/5)
MCY	1024	32	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 115 (M/P 32/9)
MCY	1024	33	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 115 (M/P 32/9)
MCY	1024	34	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 112 (M/P 79/1)
MCY	1024	35	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 212 (M/P 83/5)
MCY	1024	36	A	1/03	KENT CONTROL OFFICE AREA - MIDAS TRANSPONDER 116 (M/P 17/4)
MCY	1043	01	(a)	10/04	Gloucestershire Control Office Area - Telephone Responder
MCY	1044	01	(a)	10/04	Gloucestershire Control Office Area - Standard Transponder
MCY	1045	01	(a)	10/04	Devizes Police Control Office Area - Telephone Responder
MCY	1046	01	(a)	10/04	Devizes Police Control Office Area - Standard Transponder
MCY	1047		(a)	2/05	S.E. Godstone Control Office Area Signal Schematic - Transponder xxx
MCY	1048		(a)	2/05	S.E. Godstone Control Office Area Telephone Schematic - Responder xxx
MCZ	0721	01	A	5/96	National Test Control Office Maps - Signal Sequencing Layout - CO1 Index

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCZ	0721	02	A	5/96	National Test Control Office Map 2 Signal Sequencing Layout - CO1
MCZ	0721	03	A	5/96	National Test Control Office Map 3 Signal Sequencing Layout - CO1
MCZ	0721	04	A	5/96	National Test Control Office Map 4 Signal Sequencing Layout - CO1
MCZ	0721	05	A	5/96	National Test Control Office Map 5 Signal Sequencing Layout - CO1
MCZ	0721	06	A	5/96	National Test Control Office Map 6 Signal Sequencing Layout - CO1
MCZ	0721	07	A	5/96	National Test Control Office Map 7 Signal Sequencing Layout - CO1
MCZ	0721	08	A	5/96	National Test Control Office Map 8 Signal Sequencing Layout - CO1
MCZ	0721	09	A	5/96	National Test Control Office Map 9 Signal Sequencing Layout - CO1
MCZ	0721	10	A	5/96	National Test Control Office Map 10 Signal Sequencing Layout - CO1
MCZ	0721	11	A	5/96	National Test Control Office Map 11 Signal Sequencing Layout - CO1
MCZ	0721	12	A	5/96	National Test Control Office Map 12 Signal Sequencing Layout - CO1
MCZ	0721	13	A	5/96	National Test Control Office Map 13 Signal Sequencing Layout - CO1
MCZ	0721	14	A	5/96	National Test Control Office Map 14 Signal Sequencing Layout - CO1
MCZ	0721	15	A	5/96	National Test Control Office Map 15 Signal Sequencing Layout - CO1
MCZ	0721	16	A	5/96	National Test Control Office Map 16 Signal Sequencing Layout - CO7
MCZ	0721	17	A	5/96	National Test Control Office Map 17 Signal Sequencing Layout - CO7
MCZ	0721	18	A	5/96	National Test Control Office Map 18 Signal Sequencing Layout - CO7

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Type	Numbe	Volume Sheet Part	Issu	Issue Date	Title
MCZ	0721	19	A	5/96	National Test Control Office Map 19 Signal Sequencing Layout - CO4 Index
MCZ	0721	20	A	5/96	National Test Control Office Map 20 Signal Sequencing Layout - CO4
MCZ	0721	21	A	5/96	National Test Control Office Map 21 Signal Sequencing Layout - CO4
MCZ	0721	22	A	5/96	National Test Control Office Map 22 Signal Sequencing Layout - CO4
MCZ	0721	23	A	5/96	National Test Control Office Map 23 Signal Sequencing Layout - CO4
MCZ	0721	24	A	5/96	National Test Control Office Map 24 Signal Sequencing Layout - CO4
MCZ	0721	25	A	5/96	National Test Control Office Map 25 Signal Sequencing Layout - C93 Index
MCZ	0721	26	A	5/96	National Test Control Office Map 26 Signal Sequencing Layout - C93
MCZ	0721	27	A	5/96	National Test Control Office Map 27 Signal Sequencing Layout - C93
MCZ	0721	28	A	5/96	National Test Control Office Map 28 Signal Sequencing Layout - C93
MCZ	0721	29	A	5/96	National Test Control Office Map 29 Signal Sequencing Layout - C93
MCZ	0721	30	A	5/96	National Test Control Office Map 30 Signal Sequencing Layout - C93
MCZ	0721	31	A	5/96	National Test Control Office Map 31 Signal Sequencing Layout - C93
MCZ	0721	32	A	5/96	National Test Control Office Map 32 Signal Sequencing Layout - C93
MCZ	0721	33	A	5/96	National Test Control Office Map 33 Signal Sequencing Layout - C93
MCZ	1034	01	(a)	9/04	ATM Signal Sequence M42 J3a - J4
MCZ	1035	01	(a)	9/04	ATM Signal Sequence M42 J4
MCZ	1036	01	(a)	9/04	ATM Signal Sequence M42 J4 - J5

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MCZ	1037	01	(a)	9/04	ATM Signal Sequence M42 J5
MCZ	1038	01	(a)	9/04	ATM Signal Sequence
MCZ	1039	01	(a)	9/04	ATM Signal Sequence M42 J6
MCZ	1040	01	(a)	9/04	ATM Signal Sequence M42 J6 - J7
MCZ	1041	01	(a)	9/04	ATM Signal Sequence M42 J7

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TR	0102		A	7/91	DTP Standard Traffic Signals
TR	0162		(a)		LRT System Signal for Shared Instructions And Pelican Crossings
TR	1100		D	10/06	General Specification for Motorway Signs, Signalling and Communications Equipment
TR	1108		A	12/91	Indicator 400 Type
TR	1153		B	9/99	Cabinet Type 600
TR	1173		A	5/91	Multipair Comms Cable Polyethylene Insulated, Polyethylene Sheathed Armour
TR	1206		A	10/95	Loading Coils Type 330
TR	1238		A	5/91	Power Cable for M-Way Communication Systems (Split Concentric, Armoured)
TR	1249		C	10/06	Distributor Type 901
TR	1261		A	10/95	Terminator Frame Type 13 and 14 Series
TR	1290		B	4/04	Miniature Circuit Breaker Type 8004
TR	1307		A	10/95	Multi-Way Terminal Connector Series
TR	1329		G	11/05	NMCS2 Phase 3 Telephone Data Transmission
TR	1330		H	1/07	NMCS2 Telephone Responder for Phase 3 Telephone System
TR	1331		E	9/04	NMCS2 Telephone Instation
TR	1334		F	1/07	NMCS2 Sector Interface for Phase 3 Telephone System
TR	1345		B	9/99	Heater Type 1020 and Thermostat Assembly for use in Cabinet Type 600.
TR	2013		A	6/92	CCTV Colour Monitor for Road Traffic Surveillance
TR	2017		C	3/02	NMCS Armoured Composite Optical Fibre Communications Cable
TR	2020		C	11/98	National Ice Prediction Network
TR	2029		C	3/02	NMCS Inductive Loop Detector Cable
TR	2031		D	3/02	NMCS Feeder Cable for Inductive Loop Detectors
TR	2033		F	3/01	Weatherproof Cable Assemblies
TR	2043		D	4/98	NMCS2 Signal Site Equipment
TR	2045		H	4/07	NMCS2 Standard Transponder

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TR	2046		H	2/07	NMCS2 Local Communications Controller (LCC)
TR	2049		G	5/07	NMCS2 HDLC Point to Point Communications Electrical and Protocol
TR	2062		D	10/06	Data Link Connection Box Types 9902, 9903, 9904 and 9905.
TR	2066		G	12/06	NMCS2 HDLC Multi-Drop Communications Electrical and Protocol
TR	2067		H	1/07	NMCS2 RS485 Communications Electrical and Protocol
TR	2070		H	11/06	NMCS2 Message Control Point to Point
TR	2072		F	4/05	NMCS2 Signal Subsystem Specification
TR	2077		D	10/97	NMCS2 21-bit Transponder
TR	2095		B	9/00	NMCS2 Variable Message Sign (VMS) Driver Specification
TR	2116		B	9/99	Responder/Transponder Frame Type 1006.
TR	2119		D	4/04	Power Distribution Unit Type 1003
TR	2120		A	6/92	Monochrome CCD Camera for M-Way Traffic Surveillance
TR	2125		(a)		Specification for Automatic Incident Detection Systems - outline Instation spec
TR	2126		(a)		Specification for Automatic Incident Detection Systems - HDLC Comms Protocol Parameters & Assoc Circuits for NMCS2 ATG multi drop
TR	2127		(a)		Spec for Automatic Incident Detection Systems - ATS Transponder
TR	2130		C	2/02	Environmental Tests for Motorway Communications Equipment and Portable and Permanent Road Traffic Control Equipment
TR	2132		F	3/05	NMCS2 Control Office Base System
TR	2133		I	1/05	NMCS2 Instation LAN Data Transmission
TR	2134		A	2/92	NMCS2 System Performance
TR	2135		C	5/07	Second Generation CTV Camera Specification

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TR	2139		F	4/05	NMCS2 Message Sign Sub-System
TR	2140		A	7/93	M-Way Signals Mk 2 Requirements for Structures
TR	2141		A	7/93	M-Way Signals Mk 2 Requirements for Signals & EMS
TR	2142		E	10/04	NMCS2 Motorway Message Control (RS485) MS Equipment
TR	2144		I	5/05	NMCS2 MIDAS Subsystem Specification
TR	2145		D	4/05	NMCS2 MIDAS Engineer's Terminal Specification
TR	2146		E	4/05	NMCS2 MIDAS Outstation Link Specification
TR	2150		D	3/02	NMCS Non Armoured Copper Communications Cable
TR	2151		C	3/02	NMCS Non Armoured Optical Fibre Communications Cable
TR	2152		C	3/02	NMCS Non Armoured Coaxial Communications Cable
TR	2153		D	3/02	NMCS Non Armoured Energy Cable
TR	2158		C	3/02	NMCS Armoured Copper Communications Cable
TR	2159		B	3/02	NMCS Armoured Optical Fibre Communications Cable
TR	2160		B	3/02	NMCS Armoured Coaxial Communications Cable
TR	2161		C	3/02	NMCS Armoured Energy Cable
TR	2162		(a)		NMCS Wall Mimic Control Subsystem
TR	2163		D	11/06	NMCS2 Message Sign Subsystem Rules Specification
TR	2165		D	1/07	NMCS2 Message Sign Subsystem Performance Specification
TR	2166		(a)		NMCS2 Traffic Counting Subsystem Specification
TR	2167		D	8/01	NMCS2 MIDAS LCC Specification
TR	2168		D	4/05	NMCS2 MIDAS Transponder Specification

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TR	2169		I	1/06	NMCS2 MIDAS Outstation Specification
TR	2170		B	8/01	NMCS2 MIDAS Instation-LCC Link Specification
TR	2171		D	4/05	NMCS2 MIDAS LCC - Transponder Link Specification
TR	2172		D	4/05	NMCS2 MIDAS Engineer's Terminal Link Specification
TR	2173		K	7/06	NMCS2 MIDAS Message Specification
TR	2174		B	1/02	NMCS2 MIDAS System Performance Specification
TR	2177		G	4/05	NMCS2 MIDAS Outstation Algorithm Specification
TR	2178		F	4/05	NMCS2 MIDAS Interface Unit Specification
TR	2180		B	8/06	Protective Surface Treatments to be applied to Motorway Communications equipment frames and housings fabricated from Aluminium or
TR	2184		(a)		NMCS2 Fog Subsystem
TR	2185		(a)		NMCS2 Wall Mimic Control Subsystem
TR	2186		A		Controlled Motorway Enforcement Equipment (Ee)
TR	2187		A		Controlled Motorway Indicator (CMI) Equipment
TR	2188		A		Controlled Motorway Ambient Light Monitor (ALM) Equipment
TR	2189		A		Controlled Motorway Indicator (CMI) Structural Arrangements
TR	2190		(a)	8/06	NMCS2 Tidal Flow Subsystem
TR	2192		B	4/02	NMCS2 MIDAS TCP/IP Link Specification
TR	2193		A	3/98	NMCS2, NMCS1 21BIT LCC
TR	2195		E	7/06	NMCS Message Signs & Motorway Signals Mk3 (MS3) Requirement for Signal t Equipmen t Display & Communications Electronics

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TR	2196		C	7/06	Message Signs and Motorway Signals Mk 3 (MS3) Requirements for Enclosure and Mounting Brackets
TR	2197		C	7/06	Message Signs and Motorway Signals Mk 3 (MS3) Requirements for Cantilever Gantries and Holding Down Arrangements
TR	2198		B	1/99	Message Signs and Motorway Signals Mk 3 - Requirements for Portal Gantry Interface
TR	2199		D	7/06	NMCS2 Requirements for NMCS2 Indicator Type 400 and Power Supplies
TR	2200		D	8/06	NMCS2 Signal Power Supply Units Types 9352 and 9353
TR	2206		A	7/01	Specification for Road Traffic Signals
TR	2213		A	6/00	National Ice Prediction System in Station to Outstation Protocol
TR	2500		A	11/05	Specification for Traffic Signal Controller
TR	2502		A	6/05	Specification for Portable Traffic Signal Control Equipment for Use at Roadworks
TR	2503		B	2/06	Performance Specification for Pedestrian Facilities at Temporary Standalone Traffic
TR	2504		A	5/05	Performance Specification for Vehicle Detection Equipment for Vehicle Actuated Portable Traffic Signals
TR	2505		A	5/05	Performance Specification for Above Ground Vehicle Detector Systems for use at Permanent Traffic Signal Installations
TR	2506		A	5/05	Performance Specification for Above Ground On-Crossing Pedestrian Detection Systems
TR	2507		A	5/05	Performance Specification for Kerbside Detection Systems for use with Nearside Signals and Demand Units
TR	2508		A	7/05	Performance Specification for Tactile Equipment for use at Pedestrian Crossings
TR	2509		A	7/05	Performance Specification for Audible Equipment for use at Pedestrian Crossings
TR	2510		A	7/05	Performance Specification for Rising Bollards Control Systems
TR	2511		A	7/05	Performance Specification for Nearside Signal and Demand Unit
TR	2512		A	9/05	Performance Specification for Below Ground Vehicle Detection Equipment

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TR	2513		A	9/05	Performance Specification for Wig Wag Signal Control Equipment
TR	2514		A	9/05	Performance Specification for Light Signals for the Control of Trams
TR	2515		A	9/05	Performance Specification for Equipment to Detect High and Overheight Vehicles at Low Structures
TR	2516		B	9/06	Performance Specification for Discontinuous Variable Message Signs
TR	2517		A	10/05	Performance Specification for Electromechanical Variable Message Signs
TR	2518		(a)	7/07	Performance Specification for Highways Agency Transportable (Mobile) Variable
TR	2519		A	11/07	Specification for Gantry Mounted Signing Equipment (MS 2x12)
TR	2520		A	10/05	Performance Specification for Uni-directional Logic Equipment
TR	2521		A	11/07	Gantry Mounted Signalling and Signing Equipment Interfacing Specification
TR	2522		A	10/05	Remote Monitoring and Control of Traffic Control Equipment via a Telecommunications Network
TR	2523		A	9/05	Traffic Control Equipment Interfacing Specification
TR	5101		A	2/92	Requirements for Transmission Racks DTp Type 2466 and for Modem Equipment DTp

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TRG	0600		A	5/05	Self-Certification Procedures for Statutory Approval of Traffic Control Equipment
TRG	0601		(a)	10/05	Self Certified Declaration of Conformity Audit Procedures
TRG	0601		(a)	11/04	Traffic Control Equipment Type Approval - Guidance Notes
TRG	1081		B	2/97	Qualification Approval Testing of Weatherproof Connector Assemblies -
TRG	1082		A		Controlled Motorway Enforcement Equipment (Ee) Acceptance and Test Procedures
TRG	1083		A		Controlled Motorway Indicator (CMI) Equipment Acceptance and Test Procedures
TRH	1642		D	11/07	Motorway Signals Mk3-Infrastructure Design Guide
TRH	1679		A		Controlled Motorway Indicator (CMI) Technical Approval of Structures
TRH	1680		A	10/97	Controlled Motorway Installation Drawings

