



Notification Number: 1993/314/UK

## TR2146 NMCS2 MIDAS OUTSTATION LINK SPECIFICATION

Date received : 28/10/1993  
End of Standstill : 07/02/1994 ( 05/05/1994)  
Issue of detailed opinion by : Commission

### Message

MINISTERE DE L'INDUSTRIE ET DE LA RECHERCHE  
ATT. M. MORTUREUX

INSTITUT BELGE DE NORMALISATION,  
ATT. M. CROON

INSPECTION DU TRAVAIL ET DES MINES  
VIA MINISTERE DES AFFAIRES ETRANGERES  
ATT. M. A. SCHUSTER

MINISTERE DE L'INDUSTRIE  
ATT. M. CAVANNA

DEPT. OF TRADE AND INDUSTRY, QUALITY AND EDUCATION DIVISION,  
ATT. MR. E. ALLEN

GOVERNMENT SERVICE OF INDUSTRY AND COMMERCE, NSAI  
ATT. MR. J. NULTY

MINISTERIE VAN ECONOMISCHE ZAKEN, (DG BEB),  
ATT. MR. B. SIEBRING

INDUSTRI- OG HANDELSSTYRELSEN  
ATT. MR. KELD DYBKJAER

MINISTRY OF INDUSTRY, ENERGY & TECHNOLOGY  
ATT. MR. Z.P. MAVROUKAS

HELLINIKOS ORG. TYPOPOSEOS  
ATT. MR. MELAGRAKIS

MIN WIRTSCHAFT  
ATT. DR. WINKEL

MIN PARA RELACIONES CON LA COMUNIDA  
ATT MR. D. ALFREDO RAMBLA JOVANI



MIN INDUSTRIA  
ATT MR. ADALBERTO PEREA MARTIN, ESPAGNE

DIRECCIO GERAL QUALIDAD  
ATT MR. CANDIDO DOS SANTOS, PORTUGAL

DGS INTERNATIONAL BELGIUM

REP PERMANENTE ROYAUME UNI

REP PERMANENTE IRLANDE

REP PERMANENTE GRECE

EUROPEAN FREE TRADE ASSOCIATION  
ATT. M. TSCHAENI

TELEX 001

COMMUNICATION FROM THE COMMISSION - SG (93) D/51794  
DIRECTIVES 83/189/EEC AND 88/182/EEC

NOTIFIKATION - NOTIFIZIERUNG - NOTIFICATION - NOTIFICACION  
NOTIFICATION - NOTIFICA - KENNISGEVING - NOTIFICACAO 93/0314/UK

FRISTERNE INDLEDES IKKE -KEIN FRISTBEGINN - DOES NOT OPEN THE  
DELAYS - NO ABRE EL PLAZO - N'OUVRE PAS DE DELAIS - NON FA  
DECORRERE LA MORA - GEEN TERMIJNBEGIN - NAO INICIA O PRAZO

- 3B1 : 9301814.EN

**1. Structured Information Line**

TLX 001 IND- 93 0314 UK- EN ----- 931026 --- ---

**2. Member State**

UNITED KINGDOM

**3. Department Responsible**

DEPARTMENT OF TRADE AND INDUSTRY: STANDARDS POLICY UNIT

**3. Originating Department**

DEPARTMENT OF TRANSPORT

**4. Notification Number**

93/0314/UK

**5. Title**

TR2146 NMCS2 MIDAS OUTSTATION LINK SPECIFICATION

**6. Products Concerned**

NMCS2 MOTORWAY INCIDENT DETECTION AND SIGNALLING SYSTEM



## 7. Notification Under Another Act

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## 8. Main Content

THIS DRAFT REGULATION DEFINES THE TECHNICAL REQUIREMENTS FOR THE MIDAS COMMUNICATIONS LINK BETWEEN OUTSTATIONS AND TRANSPONDERS INSTALLED ON UK MOTORWAYS.

THE UNITED KINGDOM WOULD LIKE TO BE INFORMED BY OTHER MEMBER STATES OF THEIR OWN STANDARDS AND REGULATIONS OFFERING AN EQUIVALENT LEVEL OF SAFETY AND SECURITY.

## 9. Brief Statement of Grounds

THIS DRAFT REGULATION IS ONE OF A SERIES OF TECHNICAL SPECIFICATIONS WHICH DESCRIBE THE REQUIREMENTS OF THE MIDAS SYSTEM COMPONENTS AND THEIR COMMUNICATION INTERFACES IN ACCORDANCE WITH CURRENT PRACTICE OF EUROPEAN STANDARDISATION ACTIVITY.

## 10. Reference Documents - Basic Texts

DOCUMENTS NOTIFIED IN PARALLEL

TR2144 NMCS2 MIDAS SUBSYSTEM SPECIFICATION

TR2145 NMCS2 MIDAS ENGINEERS TERMINAL SPECIFICATION

TR2167 NMCS2 MIDAS LCC SPECIFICATIONS

TR2168 NMCS2 MIDAS TRANSPONDER SPECIFICATION

TR2169 NMCS2 MIDAS OUTSTATION SPECIFICATION

TR2170 NMCS2 MIDAS INSTATION - LCC LINK SPECIFICATION

TR2171 NMCS2 MIDAS LCC - TRANSPONDER LINK SPECIFICATION

TR2172 NMCS2 MIDAS ENGINEERS TERMINAL LINK SPECIFICATION

TR2173 NMCS2 MIDAS MESSAGE SPECIFICATION

TR2177 NMCS2 MIDAS OUTSTATION ALGORITHM SPECIFICATION

DOCUMENTS INCLUDED WITH THIS DRAFT

NONE

DOCUMENTS NOT INCLUDED

MCH1386 CABLE PAIR ALLOCATION FOR NMCS2 (INCLUDED WITH TR 2171, NOTIFIED IN PARALLEL)

EIA-485 (APRIL 1983)

ISO/IEC 7809:1991

ISO/IEC 4335:1991

ISO/IEC 3309:1991

## 11. Invocation of the Emergency Procedure

NO



## 12. Grounds for the Emergency

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D. WILLIAMSON  
COMEUR  
NNNN