ISO 24102-3:2018 (E)

Intelligent transport systems — ITS station management — Part 3: Service access points

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Symbols and abbreviated terms

5 Service access points

6 XY-COMMAND service

6.1 Terminology
6.2 XY-COMMAND
6.2.1 XY-COMMAND.request service primitive
6.2.2 XY-COMMAND.confirm service primitive
6.3 XY-REQUEST service
6.3.1 XY-REQUEST.request service primitive
6.3.2 XY-REQUEST.confirm service primitive

7 MI-SAP

7.1 General
7.2 MI-SET service
7.2.1 MI-SET.request service primitive
7.2.2 MI-SET.confirm service primitive
7.3 MI-GET service
7.3.1 MI-GET.request service primitive
7.3.2 MI-GET.confirm service primitive
7.4 MI-COMMAND service
7.5 MI-Request service

8 MN-SAP

8.1 General
8.2 MN-COMMAND service
8.3 MN-REQUEST service

9 MF-SAP

9.1 General
9.2 MF-COMMAND service
9.3 MF-REQUEST service

10 SI-SAP

10.1 General
10.2 SI-COMMAND service
10.3 SI-REQUEST service

11 SN-SAP

11.1 General
11.2 SN-COMMAND service
11.3 SN-REQUEST service

12 SF-SAP

12.1 General
12.2 SF-COMMAND service
12.3 SF-REQUEST service

13 MS-SAP

13.1 General
13.2 MS-COMMAND service
13.3 MS-REQUEST service

14 Interfaces towards the ITS-S application entity

14.1 SAPs and API
14.2 MA-COMMAND service
14.3 MA-REQUEST service
14.4 SA-COMMAND service
14.5 SA-REQUEST service
14.6 FA-SAP
14.6.1 General
14.6.2 FA-COMMAND and FA-REQUEST service

15 Service primitive functions

16 Conformance

Annex A (normative) ASN.1 modules

A.1 Overview
A.2 Module ITSsapCmdMs
A.3 Module ITSsapCmdMa
A.4 Module ITSsapCmdMf
A.5 Module ITSsapCmdMn
A.6 Module ITSsapCmdMi
A.7 Module ITSsapReqMs
A.8 Module ITSsapReqMa
A.9 Module ITSsapReqMf
A.10 Module ITSsapReqMn
A.11 Module ITSsapReqMi
A.12 Module ITSsapCmdSa
A.13 Module ITSsapCmdSf
A.14 Module ITSsapCmdSn
A.15 Module ITSsapCmdSi
A.16 Module ITSsapReqSa
A.17 Module ITSsapReqSf
A.18 Module ITSsapReqSn
A.19 Module ITSsapReqSi
A.20 Module ITSmsaps
A.21 Module ITSfasapfunctions

Annex B (normative) Error/return codes

Annex C (informative) Service primitive functions snapshot

C.1 General
C.2 Snapshot
C.2.1 MI-SAP
C.2.1.1 COMMAND
C.2.1.2 REQUEST
C.2.2 MN-SAP
C.2.2.1 COMMAND
C.2.2.2 REQUEST
C.2.3 MF-SAP
C.2.3.1 COMMAND
C.2.3.2 REQUEST
C.2.4 SI-SAP
C.2.4.1 COMMAND

C.2.4.2 REQUEST
C.2.5 SN-SAP
C.2.5.1 COMMAND
C.2.5.2 REQUEST
C.2.6 SF-SAP
C.2.6.1 COMMAND
C.2.6.2 REQUEST
C.2.7 MS-SAP
C.2.7.1 COMMAND
C.2.7.2 REQUEST
C.2.8 MA-SAP
C.2.8.1 COMMAND
C.2.8.2 REQUEST
C.2.9 SA-SAP
C.2.9.1 COMMAND
C.2.9.2 REQUEST
C.2.10 FA-SAP
C.2.10.1 COMMAND — FASAPUP (FAsapIndication)
C.2.10.2 REQUEST — FASAPDOWN (FAsapRequest)

Page count: 61