

ISO 24102-4:2018 (E)

Intelligent transport systems — ITS station management — Part 4: Station-internal management communications

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Symbols and abbreviated terms
5	ITS station management
6	Reference architecture
7	Protocol data units
8	Communication procedures
8.1	Initialization
8.1.1	IICM
8.1.2	IICA
8.2	Transmission
8.2.1	IIC-Request PDU
8.2.2	IIC-Response PDU
8.3	Reception
8.3.1	Initial processing at the IICA
8.3.2	Initial processing at the IICM
8.3.3	Final IIC-Request PDU procedure at the IICM
8.3.4	IIC-Response PDU procedure
9	Management procedures
9.1	General
9.2	ITS-SCU-ID assignment
9.3	Maintenance of ITS-SCU-ID
9.4	Shut-down of ITS-SCU
10	Security
11	Conformance
12	Test methods
Annex A	(normative) ASN.1 module
A.1	Overview
A.2	Module ITSiitssc
Annex B	(normative) IIC PDUs
B.1	List of PDUs
B.2	PDU details
B.2.1	ASN.1
B.2.2	ITS-SCUalive
B.2.3	Remote SAP access

- B.2.4** **Mcmd**
- B.2.4.1** **General**
- B.2.4.2** **Ping command**
- B.2.4.3** **VCI-info**
- B.2.4.4** **VCI-update**
- B.2.4.5** **GET-Param24102**
- B.2.4.6** **SET-Param24102**
- B.2.4.7** **TestIcp**
- B.2.4.8** **TestConfigIICP**
- B.2.4.9** **Upper and lower tester access simulation**

Annex C (normative) Implementation conformance statement (ICS) proforma

- C.1** **Guidance for completing the ICS proforma**
- C.1.1** **Purposes and structure**
- C.1.2** **Abbreviations and conventions**
- C.1.3** **Instructions for completing the ICS proforma**
- C.2** **Identification of the Implementation**
- C.2.1** **Date of the statement**
- C.2.2** **Identification of IUT**
- C.2.3** **Identification of SUT**
- C.2.4** **Product supplier**
- C.2.5** **Client**
- C.2.6** **ICS contact person**
- C.3** **Implementation specification**
- C.4** **Global statement of conformance**
- C.5** **Detailed conformance statements**
- C.5.1** **Design choices**
- C.5.2** **Protocol elements**
- C.5.3** **Protocol procedures**
- C.5.4** **Format, encoding, values**

Annex D (informative) Communication service parameters

Page count: 42