ISO/TS 20026:2017-05 (E)

Intelligent transport systems - Cooperative ITS - Test architecture

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Abbreviated terms 1

5 Conventions 2

6 Test system architecture 2
6.1 General 2
6.2 IICP test system architecture without test CI 4
6.3 IICP test system architecture with test CI 5
6.4 IICP reference architecture 5

7 IICP usage for conformance testing 7
7.1 General 7
7.2 IUT in an ITS-S communications layer 7
7.2.1 ITS-S access layer 7
7.2.2 ITS-S networking and transport layer 8
7.2.3 ITS-S facilities layer 9
7.3 IUT in the ITS-S management entity 10
7.4 IUT in the ITS-S security entity 10

8 Setting to test mode 11

9 Message types and formats 14
9.1 Unaligned PER 14
9.2 utPort 14
9.3 ItPort 15
9.4 cnPort 15
9.5 IICP management 16

10 Dispatcher 17

Annex A (normative) IICP conformance test 19

Annex B (informative) Binary presentation of test message 22

Bibliography 26