ISO/TS 17426:2016-03 (E)

Intelligent transport systems - Cooperative systems - Contextual speeds

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Conformance 2

3 Normative references 2

4 Termsanddefinitions 2

5 Symbols and abbreviated terms 3

6 Contextual Speeds: Architecture 4

7 Contextual speeds: Use cases 5
7.1 General 5
7.2 Use case 1: Provision of mandatory speed limit information into vehicle - for driver awareness purposes 6
7.3 Use case 2 - Provision of advisory speed information into vehicle - for driver awareness purposes 10

8 Contextual speeds: Roles and responsibilities 14
8.1 Scenarios for contextual speeds 14
8.2 System operation roles in scenario 7 15
8.3 Possible actors in the Contextual Speed Information Service 15

9 Contextual speeds: Characteristics 16

10 Contextual speeds: General service requirements 16

11 Contextual speeds: Communication requirements 17
11.1 General 17
11.2 General communication requirements 18
11.2.1 General 18
11.2.2 ITS-S application processes of the Contextual Speed Application 18
11.2.3 Flow types of the Contextual Speed Application 18
11.2.4 Flow Type 1 of the Contextual Speed Application 19
11.2.5 Flow Type 2 of the Contextual Speed Application 19
11.2.6 Flow Type 3 of the Contextual Speed Application 20
11.2.7 Sources and Sink ITS stations of the Flow Types 21
11.2.8 Other general communication requirements 21
11.3 Application specific data element requirements 21

Annex A (normative)ContextualspeedsIVIProfile(DefinitionofCSM) 23

Bibliography 29