ISO 19080:2016-10 (E)

Intelligent transport systems - Communications access for land mobiles (CALM) - CoAP facility

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Symbols and abbreviated terms 3

5 Requirements 3
5.1 Categories 3
5.2 ITS-S nodes implementing CoAP 4
5.2.1 General 4
5.2.2 Requirements on all ITS-S CoAP nodes 6
5.3 CoAP functional modules 7
5.3.1 General 7
5.3.2 CoAP management module 8
5.3.3 CoAP security module 11
5.4 Optional module 12
5.4.1 General 12
5.4.2 CoAP/HTTP interoperability 13
5.4.3 Resource directory 15
5.4.4 Blockwise transfers 16
5.5 Modules implemented in ITS-S CoAP nodes 17
5.5.1 General 17
5.5.2 ITS-S CoAP full function device modules 17
5.5.3 ITS-S CoAP reduced function device modules 17

Bibliography 18