

ISO 22837:2009-01 (E)

Vehicle probe data for wide area communications

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Conformance	2
3	Normative references	3
4	Terms and definitions	3
5	Reference architecture	4
5.1	General	4
5.2	Reference architecture for probe vehicle systems	4
5.3	Reference architecture for probe data (information model)	6
6	Basic data framework	7
6.1	General	7
6.2	Probe data element	7
6.3	Probe messages	8
6.4	Notation	9
7	Core data elements	10
7.1	Concept of core data elements	10
7.2	Timestamp	11
7.3	Locationstamp	11
8	Normative data elements	13
8.1	General	13
8.2	Data elements	13
Annex A (normative) Reference architecture for probe data (information model) for normative data elements		24
Annex B (normative) Core data elements in XML format		31
Annex C (normative) Data elements in XML format		34
Annex D (informative) Examples of probe messages		50
Annex E (informative) Probe processing context model		52
Bibliography		60