

ISO 19414:2020-01 (E)

Intelligent transport systems - Service architecture of probe vehicle systems

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms	1
5	Service framework of probe vehicle systems	2
5.1	Basic concept of probe data	2
5.2	Concept of service architecture	2
5.3	Probe vehicle factors	3
5.3.1	General	3
5.3.2	Quality assurance	3
5.3.3	Privacy	4
5.3.4	Standards	4
5.3.5	Metadata	4
5.3.6	Storage and access	4
5.3.7	Data ownership and IPR	4
6	Definition of service domains using service architecture	4
6.1	General	4
6.2	Reference target areas	5
6.2.1	Traffic management measures estimation and traveller information applications	5
6.2.2	Safety applications	6
6.2.3	Freight operations applications	6
6.2.4	Freeway-based dynamic speed harmonization application	7
6.2.5	Non-signal related environmental applications	7
6.2.6	Road and infrastructure deterioration diagnosis applications	8
6.2.7	Road weather management applications	8
Bibliography		11