

ISO/TS 21219-21:2018-04 (E)

Intelligent transport systems - Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) - Part 21: Geographic location referencing (TPEG-GLR)

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms	2
5	Toolkit specific constraints	2
5.1	Version number signalling	2
5.2	Extendibility	2
6	GLR toolkit structure	2
6.1	General	2
6.2	Geographic bounding box location reference	3
6.3	Geographic bounding circle or sector of circle location reference	4
6.4	Geographic point location reference	5
6.5	Geographic line location reference	5
6.6	Geographic area location reference	6
7	GLR message components	7
7.1	GeographicLocationReference	7
8	GLR datatypes	7
8.1	CircleSector	7
8.2	GeographicAreaReference	7
8.3	GeographicBoundingBox	8
8.4	GeographicBoundingCircleSector	9
8.5	GeographicLineReference	9
8.6	GeographicPointReference	10
8.7	HierarchicalAreaName	11
8.8	Coordinate	11
9	GLR Tables	11
Annex A (normative)	Geographic location reference, TPEG-binary representation	12
Annex B (normative)	Geographic location reference, TPEG-ML representation	17
Bibliography		25