

# ISO 17572-1:2022-07 (E)

## Intelligent transport systems (ITS) - Location referencing for geographic databases - Part 1: General requirements and conceptual model

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Abbreviated terms .....	7
5	Objectives and requirements for a location referencing method .....	7
5.1	Objectives for an optimal location referencing method .....	7
5.2	Requirements of the location referencing method .....	8
6	Conceptual data model for location referencing methods .....	9
6.1	Role of conceptual model .....	9
6.2	Components of conceptual model .....	9
6.3	Description of the conceptual model .....	10
6.4	Location categories .....	10
6.5	Conceptual model of a road network .....	11
6.6	Conceptual model of area locations .....	12
Annex A (informative) Inventory of location referencing methods .....		14
Annex B (informative) Examples of location referencing methods in use (mapping to conceptual data model for location referencing systems) .....		18
Annex C (informative) Comparison of definitions with ISO/TC211 .....		20
Bibliography .....		21