

ISO/TS 25114:2010-10 (E)

Intelligent transport systems - Probe data reporting management (PDRM)

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	2
3	Terms and definitions	2
4	Reference architecture	4
4.1	General	4
4.2	Referenced data repository	4
4.3	Onboard data source	4
4.4	PDRM generator	4
4.5	Probe data element generation	5
4.6	Probe collection	5
4.7	PDRM transmitter	5
4.8	Reporting condition	5
4.9	PDRM message	5
4.10	Probe message generation	5
4.11	PDRM receiver	5
5	Basic data framework	6
5.1	General	6
5.2	PDRM data element	6
5.3	PDRM messages	7
6	PDRM common data elements	8
6.1	General	8
6.2	DataElement	8
6.3	PDRStopTime	8
6.4	PDRStartTime	8
6.5	Heading	8
6.6	NumInstructions	8
6.7	NumRegions	8
6.8	PDRM instruction type	8
6.9	Region	8
6.10	RegionType	9
6.11	RegionData	9
6.12	Reporting frequency	9
6.13	RoadwayHeading	9
6.14	Vehicle heading	10
6.15	VehicleType	10
7	PDRM instruction definitions	15
7.1	General	15
7.2	Data capture instruction	15
7.3	Threshold instruction	15
7.3.1	Threshold	15
7.3.2	ThresholdDirection	15
7.4	Delta instruction	15

7.4.1	DeltaValue	15
7.4.2	DeltaDirection	15
7.4.3	TimeDiff	15
Annex A (informative) PDRM operational concept		17
Annex B (informative) PDRM elements		19
Annex C (normative) Probe data reporting message structure		29