

# ISO 11067:2015-07 (E)

## Intelligent transport systems - Curve speed warning systems (CSWS) - Performance requirements and test procedures

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Terms and definitions .....	1
3	Symbols .....	5
4	Classification .....	6
5	Requirements .....	6
5.1	Basic operation principle .....	6
5.2	Functionality .....	7
5.2.1	Basic system operation .....	7
5.2.2	Determination of the target curvature point of interest .....	7
5.2.3	Basic shape of a curved road .....	8
5.2.4	Radius of curvature requirement for available state .....	9
5.2.5	Determination of the warning threshold speed .....	10
5.2.6	Curve speed warning time requirements .....	10
5.2.7	Look ahead distance requirement .....	11
5.2.8	Appropriate warning for multiple curve .....	11
5.2.9	Optional functions of CSWS .....	12
5.3	Basic driver interface capabilities .....	13
5.3.1	Operation elements and system reactions .....	13
5.3.2	Haptic elements .....	13
5.4	Operational limits .....	13
6	Performance evaluation test methods .....	13
6.1	Test environmental conditions .....	13
6.2	Test course conditions .....	14
6.3	Test vehicle conditions .....	15
6.4	Test system installation and configuration .....	15
6.5	Test procedure .....	15
6.5.1	Parameters recoverable from data record .....	15
6.5.2	Detail test procedure .....	16
Annex A (informative)	Definition of curves .....	19
Annex B (informative)	Operation principles .....	22
Annex C (informative)	Calculation of the minimum AOC .....	26