

## **CEN/TC 278/WG 10 Man-machine interface (MMI)**

### **Progress report March 2010**

The work of WG 10 is conducted under ISO lead (ISO/TC 22/SC13/WG8)

**Convenor** Christian Heinrich

**Secretariat** DIN/FAKRA (Walter Sicks)

**Membership** - Czech Republic, France, Germany, Italy, Netherlands, Sweden, United Kingdom  
- Plus Australia, Canada, Japan, USA

Preparatory work is conducted in Taskforces convened by the Project leaders.

**Liaison** The work of WG 10 is conducted in close liaison with ISO/TC22/SC13/WG8

**Meetings** Last meeting November 9<sup>th</sup> – 11<sup>th</sup>, 2009, Lyon, France

Next meeting April 20<sup>th</sup> – 22<sup>nd</sup>, 2010, Ann Arbor, USA

## Published Standards

<b>CEN Numb. ISO Numb.</b>	<b>Topic</b>	<b>Published</b>	
General	Road vehicles – Ergonomic aspects of transport information and control systems		
00278101 ISO 15005	Dialog management principles	07/02	Confirmed 10/07
00278070 ISO 15007-1	Measurement of driver visual behaviour Part 1. Definitions and metrics	03/02	
00278101 ISO/TS 15007-2	Measurement of driver visual behaviour Part 2: Equipment and procedure	12/01	Confirmed 06/04
00278099 ISO 15008	Visual presentation of information	03/03	Revised 02/09
00278128 ISO 17287	Suitability of TICS while driving	04/03	Confirmed 09/08
ISO/TS 16951	Criteria for determining priority of messages	03/04	Confirmed 06/08
00278065 ISO 15006	Auditory information	10/04	
ISO/TR 16352	Warning systems in vehicles	12/05	
ISO 16673	Occlusion method to assess visual distraction due to the use of in-vehicle information and communication systems	04/07	

## Ongoing work

<b>Convenor CEN Numb. ISO Numb.</b>	<b>Topic</b>	<b>Last actions</b>	<b>Next stage</b>
General	Road vehicles – Ergonomic aspects of transport information and control systems		
D. Weir ISO 26022	Simulated Lane Change to assess driver distraction	2 <sup>nd</sup> DIS approved	Publication expected for 06/09
C.Lange K.Bengler 00278070 ISO 15007-1	Revision of: Measurement of driver visual behaviour	TF work has started	Ongoing work, CD expected for 11/11
D. Chiang 00278065 ISO 15006	Revision of: Auditory information	CD ballot approved in 11/09	DIS ballot expected for 07/10
K. Bengler NWI	Calibration task	Accepted as NWI	CD ballot expected for 06/10
M. Akamatsu ISO/TR 12 204	Warnings Integration	Changed to a TR	CD expected for 05/10

### **PWI Peripheral Detection Task**

A task force has been established under Swedish and Dutch lead. Scope extended to Detection Response Task. Ongoing discussion

### **TR Occlusion**

A taskforce under British lead has compiled the results of recent experiments. Only limited feedback was received and the work item was closed.

### **Liaison with ISO/TC 204/WG14**

WG14 stated that it is more efficient to discuss HMI standards on national level rather than on ISO level. The proposal was accepted by WG8, so input of WG14 will be forwarded to WG 8 via national committees. No request for support since the last report.

### **Liaison with ISO/TC 204/WG17**

This working group was established within TC 204 with the objective of the integration of mobile and nomadic devices. Since this also implies HMI issues we approached TC 204 and suggested a liaison like the one with WG14. No request for support since the last report.



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**TC 278 Road Transport and Traffic Telematics**

**N2282**

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