

### Status of follow-up on the recommendations on safety in tunnels by the Working Parties concerned

Recommendations	Working Party concerned	State of advancement	Legal instrument concerned	OBSERVATIONS
<b>BEHAVIOUR OF ROAD USERS</b> <b>C.1.1 Principals: Traffic rules</b>	<b>WP.1</b>	Part of the "package" which will be sent to New York in 2004 for notification	Article 25 bis of the Vienna Convention on Road Traffic and Consolidated Resolution on Road Traffic R.E.1	Behaviour rules to be incorporated during the next general revision of R.E.1
<b>Measure 1.01 Information campaigns</b>	<b>WP.1</b>	Examined by the WP.1 "tunnel" group in 2002 TRANS/WP.1/2002/28	Consolidated Resolution on Road Traffic R.E.1	To be incorporated during the next general revision of R.E.1 in 2004/2005 <i>(Item 4 of Annex 1 of the EU Directive)</i>
<b>Measure 1.02 Tests to obtain a driving permit</b>	<b>WP.1</b>	Same as 1.01	Same as 1.01	To be incorporated during the next general revision of R.E.1 in 2004/2005
<b>Measure 1.03 Drive the vehicle out of the tunnel when it is on fire</b>	<b>WP.1</b>	Same as 1.01	Same as 1.01	To be incorporated during the next general revision of R.E.1 in 2004/2005
<b>Measure 1.04 Surprise roadside controls</b>	<b>WP.1</b>	Same as 1.01	Same as 1.01	To be incorporated during the next general revision of R.E.1 in 2004/2005 in the form of a special chapter on controls
<b>Measure 1.05 Periodic checks of the knowledge of professional drivers</b>	<b>WP.1</b>	Same as 1.01	Same as 1.01	To be incorporated during the next general revision of R.E.1 in 2004/2005

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<b>Measure 1.06</b> Checks of knowledge of drivers of vehicles transporting dangerous goods	<b>WP.15</b>	Adopted (TRANS/WP.15/172, para..8)	ADR	Paragraph 8.2.2.3.2 of the ADR will be amended to include provisions in the training programme for drivers of DGs concerning behaviour in tunnels. Expected entry into force: 1 January 2005
<b>Measure 1.07</b> Provisions related to the transport of dangerous goods	<b>WP.15</b>	Under discussion (TRANS/WP.15/174, paras. 66 to 76)	ADR	WP.1 would be concerned if it is necessary create a new sign or to modify existing ones. See on this subject TRANS/WP.15/2004/17 and TRANS/WP.15/179 /Add.1 prepared by the secretariat of WP.15. <i>(Item 3.7 of Annex 1 to the EU Directive)</i>
<b>Measure 1.08</b> Overtaking	<b>WP.1</b>	Same as 1.01	Same as 1.01	To be incorporated during the next general revision of R.E.1 in 2004/2005 <i>(Item 3.8 of Annex 1 to the EU Directive)</i>
<b>Measure 1.09</b> Distance between vehicles	<b>WP.1/SC.1</b>	Same as 1.01	Same as 1.01	Same as 1.04 SC.1 is concerned from the angle of equipment (see measure 2.11) <i>(Item 3.9 of Annex 1 to the EU Directive)</i>

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<b>Measure 1.10 Speed limitation</b>	<b>WP.1</b>  <b>SC.1</b>	Examined by the WP.1 “tunnel” group in 2002 TRANS/WP.1/2002/28 Examined by the “AGR” Group in May 2003 (TRANS/ SC.1/AC.5/38)	For WP.1, this does not involve any modification.  For SC.1, reference is made to the proposal to modify Annex 2 to the AGR as equipment to improve safety (future point V.4.4).	<i>(Item 3.9 of Annex 1 to the EU Directive)</i>  Final adoption of the modifications to Annex II expected in October 2004.
<b>Measure 1.11 Access to the profession</b>	<b>SC.1</b>	Adopted in October 2003 by SC.1	Incorporated in the revised version of the Consolidated Resolution on the Facilitation of Road Transport (R.E.4)	This Resolution was adopted by the ITC in February 2004
<b>Measure 1.12 Information systems intended for drivers in the case of emergency</b>	<b>SC.1</b>	Examined by the “AGR” Group in May 2003 (TRANS/SC.1/AC.5/38)	A reference is made in the proposal to modify Annex 2 to the AGR as equipment to improve safety (future point V.4.4)	Final adoption of the modifications to Annex 2 expected in October 2004. <i>(Items 2.15.2 and 2.16.2 of Annex 1 to the EU Directive)</i>
<b>OPERATION</b> <b>Measure 2.01 Supervisory coordinating body</b>	<b>SC.1</b>	Examined by the “AGR” Group in May 2003 (TRANS/SC.1/AC.5/38)	Not taken up	SC.1 considered that this subject was not covered by the AGR
<b>Measure 2.02 Safety officer</b>	<b>SC.1</b>	Same as 2.01	Same as 2.01	Same as 2.01
<b>Measure 2.03 Periodic exercises for fire and rescue crews</b>	<b>SC.1</b>	Same as 2.01	Same as 2.01	Same as 2.01

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<b>Measure 2.04</b> Tunnel for exercises and trials	SC.1	Same as 2.01	Same as 2.01	Same as 2.01
<b>Measure 2.05</b> Fire data	SC.1	Same as 2.01	Same as 2.01	Same as 2.01
<b>Measure 2.06</b> Mobile high-performance fans	SC.1	Same as 2.01	Same as 2.01	Same as 2.01
<b>Measure 2.07</b> Heat searching cameras	SC.1	Same as 2.01	Same as 2.01	Same as 2.01
<b>Measure 2.08</b> Closure of lanes	SC.1	Examined by the “AGR” Group in May 2003 (TRANS/SC.1/AC.5/38)	Taken up in part in the proposal to modify Annex 2 of the AGR (future points V.1 and VII.1).	Final adoption of the modifications to Annex 2 expected in October 2004. <i>(Items 3.3 and 3.4 (in part) of the Annex to the EU Directive)</i>
	WP.1	Examined by the WP.1 “tunnel” group in 2002 (TRANS/WP.1/2002/28)	A general provision could be introduced into the Consolidated Resolution on Road Signs and Signals (R.E.2)	Will be examined during the next general revision of R.E.2 in 2004/2005
<b>Measure 2.09</b> Access time in an emergency	SC.1	Same as 2.01	Same as 2.01	Same as 2.01 <i>(Item 3.4 (in part) of Annex 1 to the EU Directive)</i>
<b>Measure 2.10</b> Designation of one single control centre	SC.1	Examined by the “AGR” Group in May 2003 (TRANS/SC.1/AC.5/38)	Taken up in the proposal to modify Annex 2 to the AGR (future point V.2)	Final adoption of the modifications to Annex 2 expected in October 2004. <i>(Item 3.5 of Annex 1 to the EU Directive)</i>

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<b>Measure 2.11 Monitoring compliance with traffic regulations</b>	<b>WP.1</b>  <b>SC.1</b>	Examined by the WP.1 “tunnel” group in 2002 (TRANS/WP.1/2002/28)  Examined by the “AGR” Group in May 2003 (TRANS/ SC.1/AC.5/38)	WP.1: This point will be raised in the Consolidated Resolution on Road Traffic (R.E.1)  A reference is made in the proposal to modify Annex 2 to the AGR as equipment to improve safety (future point V.4.4).	Will be incorporated during the next general revision of R.E.1 in 2004/2005 in the form of a special chapter on controls  Final adoption of the modifications to Annex 2 expected in October 2004.
<b>Measure 2.12 Traffic management systems</b>	<b>SC.1</b>	Examined by the “AGR” Group in May 2003 (TRANS/SC.1/AC.5/38)	Taken up in the proposal to modify Annex 2 to the AGR (future point V.1)	Final adoption of the modifications to Annex 2 expected in October 2004.
<b>Measure 2.13 Alternative itineraries</b>	<b>SC.1</b>	Same as 2.12	Same as 2.12	Same as 2.12 <i>(Item 3.6 of Annex 1 to the EU Directive)</i>
<b>Measure 2.14 Operation of ventilation systems</b>	<b>SC.1</b>	Same as 2.01	Same as 2.01	Same as 2.01
<b>Measure 2.15 Guidelines for practical fire trials</b>	<b>SC.1</b>	Same as 2.01	Same as 2.01	Same as 2.01
<b>Measure 2.16 Checking for overheating of heavy goods vehicles</b>	<b>SC.1</b>	Examined by the “AGR” Group in May 2003 (TRANS/ SC.1/AC.5/38)	A reference is made in the proposal to modify Annex 2 to the AGR as equipment to improve safety (future point V.4.4).	Final adoption of the modifications to Annex 2 expected in October 2004.

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<b>INFRASTRUCTURE</b> <b>Measure 3.01 Number of tubes and lanes</b>	<b>SC.1</b>	Examined by the “AGR” Group in May 2003 (TRANS/ SC.1/AC.5/38)	Taken up in the proposal to modify Annex 2 to the AGR (point III.3 (in part))	Final adoption of the modifications to Annex 2 expected in October 2004. <i>(Items 2.1.1 and 2.1.3 of Annex 1 to the EU Directive)</i>
<b>Measure 3.02 Guidelines for emergency exits and ventilation</b>	<b>SC.1</b>	Examined by the “AGR” Group in May 2003 (TRANS/SC.1/AC.5/38)	Taken up in the proposal to modify Annex 2 to the AGR (future points V.3 and V.4.3)	Final adoption of the modifications to Annex 2 expected in October 2004. <i>(Items 2.3.4, 2.9.4 and 2.9.5 of Annex 1 to the EU Directive)</i>
<b>Measure 3.03 Use of cross-connections in twin-tube tunnels</b>	<b>SC.1</b>	Examined by the “AGR” Group in May 2003 (TRANS/ SC.1/AC.5/38)	Taken up in the proposal to modify Annex 2 to the AGR (future point V.3 (in part) and V.4.3 (last indent))	Final adoption of the modifications to Annex 2 expected in October 2004 <i>(Item 2.4.1 of Annex 1 to the EU Directive)</i>
<b>Measure 3.04 Crossing of central reserve at the entrance to tunnels</b>	<b>SC.1</b>	Examined by the “AGR” Group in May 2003 (TRANS/ SC.1/AC.5/38)	Taken up in the proposal to modify Annex 2 to the AGR (future point V.3 (in part))	Final adoption of the modifications to Annex 2 expected in October 2004. <i>(Item 2.4.2 of Annex 1 to the EU Directive)</i>
<b>Measure 3.05 Guidelines on tunnel equipment</b>	<b>SC.1</b>	Examined by the “AGR” Group in May 2003 (TRANS/ SC.1/AC.5/38)	Taken up in part in the proposal to modify Annex 2 to the AGR (point III.3 (in part) and future points V.4.2, V.4.1 (in part), V.4.2 (in part), V.4.3 (in part) and V.4.4 (in part))	Final adoption of the modifications to Annex 2 expected in October 2004. <i>(Items 2.5.1, 2.11, 2.14.1, 2.15.1, 2.15.2, 2.16.1, 2.16.3 and 2.17.1 of Annex 1 to the EU Directive)</i>

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<b>Measure 3.06</b> Automatic fire extinguishing systems	SC.1	Same as 2.01	Same as 2.01	Same as 2.01.
<b>Measure 3.07</b> Standardization of a time-temperature curve	SC.1	Same as 2.01	Same as 2.01	Same as 2.01
<b>Measure 3.08</b> Safety equipment	SC.1	Examined by the “AGR” Group in May 2003 (TRANS/ SC.1/AC.5/38)	A reference is made in the proposal to modify Annex 2 to the AGR (III.2.1 (footnote in table) and future point V.4 (in part)).	Final adoption of the modifications to Annex 2 expected in October 2004. <i>(Items 1.1, 2.2.2 and 2.2.3 of Annex 1 to the EU Directive)</i>
<b>Measure 3.09</b> Road signing systems	WP.1	Part of the “package” sent to New York for notification in 2004.	New signs have been introduced into the Vienna Convention on Road Signs and Signals on the basis of Annex 1 of the recommendations.	<i>(Item 2.12 of Annex 1 and Annex 3 of the EU Directive)</i>
<b>Measure 3.10</b> Signing of escape routes and safety facilities	WP.1  SC.1	Part of the “package” sent to New York in 2004 for notification  Examined by the “AGR” Group in May 2003 (TRANS/SC.1/AC.5/38)	Vienna Convention on Road Signs and Signals  A reference is made in the proposal to modify Annex 2 to the AGR (future point V.4 (in part)).	Final adoption of the modifications to Annex II in October 2004. <i>(Item 2.12 of Annex 1 and Annex 3 to the EU Directive)</i>

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<b>Measure 3.11</b> Criteria for human surveillance	SC.1	Same as 2.01	Same as 2.01	Same as 2.01
<b>VÉHICLES</b> <b>Measure 4.01</b> Fire extinguishing devices	WP.29/WP.1	Being studied by WP.29	Vienna Convention on Road Traffic or European Agreement supplementing it, if an obligation to provide as standard equipment is introduced in the future	
<b>Measure 4.02</b> Quantity of fuel carried	WP.15	Limits are already fixed by the ADR (para.1.1.3.3)	ADR (para.1.1.3.3)	<p>The limits have recently been revised and no new modification is envisaged. These are:</p> <ul style="list-style-type: none"> <li>- Total limit of fixed reservoir (s): 1500 litres per transport unit (tractor + trailer)</li> <li>- Fixed reservoir on the trailer: maximum 500 litres out of the total limit of 1500 litres</li> <li>- 60 litres in a portable reservoir per transport unit</li> </ul>
<b>Measure 4.03</b> Fire resistance of fuel tanks	WP.29	Adopted in November 2003	Regulation 34. Entered into force in August 2004	



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<b>Measure 4.04</b> Weight and dimensions of heavy goods vehicles	<b>WP.29/WP.1</b>	No follow up		Very complex subject and political. WP.1 and WP.29 considered that it was not within their responsibility.
<b>Measure 4.05</b> Use of highly inflammable materials in vehicles	<b>WP.29</b>	Possible adoption in one year	A new Regulation is under consideration	
<b>Annex 1</b> Road signing	<b>WP.1</b>	Part of the “package” sent to New York in 2004 for notification	Vienna Convention on Road Signs and Signals Other provisions which did not find their place in the Convention will be incorporated in R.E.2	Will be examined during the next general revision of R.E.2 in 2004/2005 <i>(Annex 3 of the EU Directive)</i>