

ROAD TUNNEL OPERATION AND TRANSPORT OF DANGEROUS GOODS

Friday 24 October 2003 (8.30 – 12.00 a.m.)

SESSION AGENDA & INTRODUCTORY REPORT

SESSION AGENDA

1. Introduction

Mr. Alan WEST (Session Chairman, C5 Committee English-speaking Secretary/UK)

2. Transport of dangerous goods through road tunnels: results on the joint OECD/PIARC project and first experience in the use of the models

Mr. John POTTER (Leader of WG5, C5 Committee/UK)

3. Traffic incident management systems

Mr. Urs WELTE (Leader of WG4, C5 Committee/SWITZERLAND)

4. Operation experience and safety aspects regarding low traffic tunnels in Norway

Mr. Karl MELBY (NORWAY)

Discussion

5. Information for intervention teams in road tunnels

Mr. Michel PERARD (FRANCE)

6. Engaging and training of operating staff for road tunnels

Mr. Jean-Claude MARTIN (FRANCE)

7. Human behaviour influencing tunnel safety

Mr. Evert WORN (THE NETHERLANDS)

8. Austrian tests on human behaviour in road tunnels

Mr. Gerhard EBERL (AUSTRIA)

Discussion

This second additional session of the PIARC Technical Committee on Road Tunnel Operation (C5) will start with a presentation by its Working Group No. 5 "Dangerous Goods" of the results of the joint OECD/PIARC research project ERS2 on "Transport of Dangerous Goods through Road Tunnels", including a Quantitative Risk Assessment (QRA) and a Decision Support Model (DSM), which will be demonstrated using real examples. The results of Working Group No.4 "Communication systems and Geometry" on traffic incident management systems in tunnels will then be presented, followed by an overview of specific experience of low-trafficked tunnels in Norway.

The second part of the session will consist of papers presented by members of C5 Working Groups No.1 "Operations" and No. 3 "Human Factors of Safety" and will focus on various aspects related to tunnel management and the human behaviour of operating staff, emergency teams and tunnel users.

5 min	Introduction	A. West (UK) Session chairman C5 English-speaking Secretary
40 min	Transport of dangerous goods through road tunnels: results on the joint OECD/PIARC project and first experience in the use of the models	J. Potter (UK) leader of C5 WG5 + other presenter?
15 min	Traffic incident management systems	U. Welte (Switzerland) leader of C5 WG4
15 min	Operation experience and safety aspects regarding low traffic tunnels in Norway	K. Melby (Norway)
20 min	Discussion	
30 min	Coffee break	
15 min	Information for intervention teams in road tunnels	M. Pérard (France)
15 min	Hiring and training of operating staff for road tunnels	J.C. Martin (France)
15 min	Dutch tests on human behaviour in road tunnels	E. Worm (Netherlands)
15 min	Austrian tests on human behaviour in road tunnels	G. Eberl (Austria)
30 min	Discussion	

For more information, please refer to the Introductory Report to the C5 Plenary Session.