

FIRE SAFETY AND VENTILATION OF ROAD TUNNELS

Thursday 23 October 2003 (1.30 – 5.00 p.m.)

SESSION AGENDA & INTRODUCTORY REPORT

SESSION AGENDA

1. Introduction

Mr. Arthur BENDELIUS (Session Chairman, Leader of WG6, C5/USA)

2. Results of WG 2 Activities in the 1999-2003 cycle

Mr. Yves DARPAS (Leader of WG2, C5/FRANCE)

3. Results of WG 6 Activities in the 1999-2003 cycle

Mr. Arthur BENDELIUS (Session Chairman, Leader of WG6, C5/USA)

4. Basics in tunnel ventilation control

Mr. Eddy JACQUES (BELGIUM)

5. A perspective of Australian Tunnel Ventilation

Mr. Garry HUMPHREY (AUSTRALIA)

6. Fire risk in tunnel - Automation of the ventilation control - Application at the Mont Blanc tunnel

Mr. Eric CASALE (FRANCE)

Discussion

7. Current state of road tunnel safety in Japan

Mr. Hideto MASHIMO (PWRI/JAPAN)

8. Emergency exits in road tunnels

Presented by WG6, C5 Committee

9. Fire specific equipment

Mr. Alfred HAACK (WG6 member, C5/GERMANY)

Discussion

10. Summary and Closing

Mr. Arthur BENDELIUS (Session Chairman, Leader of WG6, C5/USA)

This first additional session of the PIARC Technical Committee on Road Tunnel Operation (C5) will be mainly based on the results of its Working Groups No. 2 "Pollution, Ventilation, Environment" (WG2) and No. 6 "Fire and Smoke Control" (WG6). It will include several individual papers presented by members of the Committee or working groups.

5 min	Introduction	A. Bendelius (USA) session chairman, leader of C5 WG6
10 min	Results of WG2 Activities in the 1999-2003 cycle	Y. Darpas (France) leader of C5 WG2
10 min	Results of WG6 Activities in the 1999-2003 cycle	A. Bendelius (USA) leader of C5 WG6
15 min	Basics in tunnel ventilation control	E. Jacques (Belgium)
15 min	A perspective of Australian Tunnel Ventilation	G. Humphrey (Australia)
15 min	Fire risk in tunnel - Automation of the ventilation control - Application at the Mont Blanc tunnel	E. Casalé (France)
20 min	Discussion	
30 min	Coffee Break	
15 min	Current state of road tunnel safety in Japan	H. Mashimo (Japan)
15 min	Emergency exits in road tunnels	WG6 Member on behalf of C5 WG6
15 min	Analogies of real fires and comparison with tunnel fire exercises	G. Arnaudet (France)
15 min	Specific fire equipment	A. Haack (Germany) on behalf of C5 WG6
15 min	Operational responsibilities during emergency	N. Rhodes (UK) on behalf of C5 WG6
10 min	Discussion	
5 min	Closing	A. Bendelius (USA)

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