The Parliament of the Commonwealth of Australia

### **Train Illumination**

Inquiry into some measures proposed to improve train visibility and reduce level crossing accidents

House of Representatives Standing Committee on Transport and Regional Services

June Canberra © Commonwealth of Australia 2004 ISBN [Click **here** and type ISBN Number]

# Contents

Membership of the Committee	V
Terms of reference	vii
List of recommendations	ix

#### THE REPORT

1	Accidents at level crossings	1
	Inquiry Background	1
	What are Railway Level Crossings	3
	Fatalities at Level Crossings	4
	Policy development: who sets the rules	6
2	Improving train visibility	9
	Additional lighting and reflective strips	9
3	Other measures to improve awareness of trains.	13
	Approaches to crossings	14
	Road Signage	15
	Rumble Strips	16
	ITS and train conspicuity	17
	Education	
Ар	pendix A - List of Exhibits	21
Ар	pendix B - Briefings	23

#### **Membership of the Committee**

Chair Mr Paul Neville MP

Deputy Chair Mr Steve Gibbons MP

Members Mr Peter Andren MP

to 02/12/02)

Mr Barry Haase MP

Mrs Sussan Ley MP

Mr Stewart McArthur MP Mr Frank Mossfield MP Mr Alby Schultz MP Ms Kirsten Livermore MP (from 20/08/02 Mr Patrick Secker MP

Ms Michelle O'Byrne MP (to 20/08/02 and from 02/12/02)

#### **Committee Secretariat**

Secretary	Mr Ian Dundas
Inquiry Secretary	Mr Tas Luttrell
Research Officer	Mr Shane Read
Administrative Officers	Mrs Marlene Dundas
	Ms Jeannie Brooks

## Terms of reference

The 2002 -2003 annual report of the Department of Transport and Regional Services refers to the implementation of a number of key strategies to:

- support safer transport services;
- lead the development nationally of more consistency in rail regulatory arrangements; and
- develop the Commonwealth's role in rail safety and investigation.

Arising from this the committee is inquiring into some of the measures that have been proposed to improve train visibility and reduce level crossing accidents. In particular, the committee is examining the practicality of installing additional lighting on trains.

j	st of recommendations
F	Recommendation 1
	The Committee recommends that the Australian Government take step through the Transport Ministers Council, to require that all locomotives and rolling stock in the Australian rail industry are fitted with standard reflective strips or reflective paint and that all locomotives are fitted with rotating beacons lights.
F	Recommendation 2
	The committee recommends that the Australian Government seek the national adoption of a level crossing risk scoring system based on the Queensland model and adapted for local conditions.
F	Recommendation 3
	The Committee recommends that the Australian Government initiate, through the Transport Ministers Council, a program to install, as a minimum, rumble strips at high accident risk level crossings.
F	Recommendation 4
	The Committee recommends that the Australian Government through the Transport Ministers Council, support continued research into the efficacy of train activated rumble strips with a view to the installation of these strips at the most dangerous level crossings.
F	Recommendation 5
	The Committee recommends that the Department of Transport and Regional Services, with state transport departments, formally look at th Canadian based level crossing education program, 'Operation Lifesave for the possible adoption into Australian state road safety programs.