1. CoT derails

2. Some severe trauma injuries

2.1. Passengers thrown about inside carriages

3. Damage to engine and rolling stock

4. Damage to track and trackside infrastructure

5. Accident

6. Speed on entering curve 112kph

7. Design of curve

7.1. insignificant deceleration

8. Train accelerates continuously after KM 417.5 until midsection magnet alarm

9. Train first brakes 2-3 seconds before derailment

9.1. Assumption: Driver recognises speedboard

9.2. No advance warning sign

10. No sensory clues to position except midsection magnet and warning board

11. Segment before Cabbage Tree Creek section posted at 150kph

12. Co-driver not present

13. Train characteristics

14. No ATP at mid section magnet

15. Dark moonless night: no artificial light

16. Co-driver not present

17. Assumption: driver unaware of exact train position

18. No sensory clues to position except midsection magnet and warning board

19. Assumption: train headlights inadequate to illuminate environment

20. Track design

21. Assumption: Driver recognises speedboard

22. Track design

22.1. Assumption: Environmental Surroundings