in turn shall be significantly longer than the  $1^{\circ}$  mark. The marks and figures shall preferably be red or a light colour on a dark background.

- (2) Additional linear range scales may be provided.
- (3) Damping of the ROTI shall be provided with a time constant which may be varied during operation in the range zero to at least 10 seconds.
- **91.** Accuracy—(1) The indicated rate of turn shall not deviate from the actual rate of turn of the ship by more than 0.5° per minute plus 5 per cent of the indicated rate of turn of the ship. These values include the influence of earth rate.
- (2) Periodic rolling motion of the ship with an amplitude of  $\pm 5^{\circ}$  and period of up to 25 seconds and periodic pitching motion with an amplitude of  $\pm 1^{\circ}$  and period of up to 20 seconds shall not change the mean value of the indicated rate of turn by more than  $0.5^{\circ}$  per minute.
- (3) The ROTI shall meet these accuracy requirements at all ship speeds up to  $10\ \text{knots}.$
- **92. Operation**—(1) The ROTI shall be ready for operation and comply with these standards within 4 minutes of being switched on.
- (2) The design shall be such that whether operating or not the ROTI will not degrade the performance of any other equipment to which it is connected.
- (3) The ROTI shall include a means of enabling the operator to verify that it is operating.

Dated at Wellington this 31st day of October 1989.

W. P. JEFFRIES, Minister of Transport.

# The Ship Construction (Code of Practice for Ships Required to Comply With the Safety Convention) Notice 1989

Pursuant to Section 197 of the Shipping and Seamen Act 1952, the Minister of Transport hereby gives the following notice.

## Notice

- 1. Title and commencement—(1) This notice may be cited as the Ship Construction (Code of Practice for Convention Ships) Notice 1989.
- (2) This notice shall come into force on the 1st day of November 1989.
- **2.** Code of Practice prescribed—The Code of Practice set out in the Schedule to this notice is hereby prescribed for the purposes of the Shipping (Construction) Regulations 1989.
- **3. Application**—(1) Except where otherwise provided this Code shall apply to every new New Zealand ship which is
  - (a) A foreign going passenger ship of Class 1.
- (b) A foreign going non-passenger ship of Class VII of 500 gross tonnage or more.
- (c) A ship of Class II, III, VI, VII, VIIA, VIII and IX of 45m or more in length which proceeds beyond extended river limits, other than a hydrofoil ship or surface effect ship of Class II, III and VI.
- (2) This Code does not apply to Class X (Fishing Vessels).

### Schedule

#### The Ship Construction (Code of Practice For Ships Required to Comply With the Safety Convention) Notice 1989

#### **Contents**

Part I-Interpretations

1. Definitions and Meanings

Part II—Ships Structure

- 2. Structural Strength
- 3. Scantlings

Part III—Subdivision and Stability

Section A Passenger Ship Subdivision

- 4. Application
- 5. Floodable Length
- 6. Permeability
- 7. Permissible Length of Compartments
- 8. Special Requirements Concerning Subdivision
- 9. Peak and Machinery Space Bulkheads, Shaft Tunnels etc.
- 10 Double Bottoms
- $11.\ Construction$  and Initial Testing of Watertight Bulkheads etc.
  - 12. Openings in Watertight Bulkheads
- 13. Ships Carrying Goods Vehicles and Accompanying Personnel
  - 14. Openings in the Shell Plating Below the Margin Line
  - 15. Watertight Integrity Above the Margin Line
  - 16. Integrity of the Hull and Superstructure
- 17. Construction and Initial Tests of Watertight Doors, Sidescuttles, etc.
- 18. Construction and Initial Tests of Watertight Decks, Trunks, etc.
  - 19. Subdivision Load Lines

Section B Cargo Ship Subdivision

- 20. Collision Bulkhead
- 21. Construction and Initial Testing of Watertight Bulkheads
- 22. Construction and Initial Testing of Watertight Doors
- 23. Construction and Initial Testing of Watertight Decks, Trunks, etc.

Section C Stability

- $24.\ \,$  Stability Information for Passenger Ships and Cargo Ships
  - 25. Stability of Passenger Ships in Damaged Condition
  - 26. Passenger Ship Light Weight Survey
  - 27. Damage Control Plans in Passenger Ships

### Part IV Bilge Pumping Arrangements

- 28. General
- 29. Passenger Ships
- 30. Cargo Ships

#### Part V Machinery Installations

Section A

- 31. General
- 32. Means of Going Astern
- 33. Machinery
- 34. Machinery Controls
- 35. Steam Boilers and Boiler Feed Systems
- 36. Steam Pipe Systems
- 37. Air Pressure Systems
- 38. Cooling Water Systems
- 39. Oil and Fuel Installations
- 40. Lubricating and other Oil Systems
- 41. Ventilation Systems in Machinery Spaces
- 42. Communication between Navigating Bridge and Machinery Space
  - 43. Engineers Alarm
  - 44. Location of Emergency Installations in Passenger Ships
  - 45. Steering Gear