

## Annex 3

MR, January 1, 2001

MR Notice to Shipping No. N-1-2001

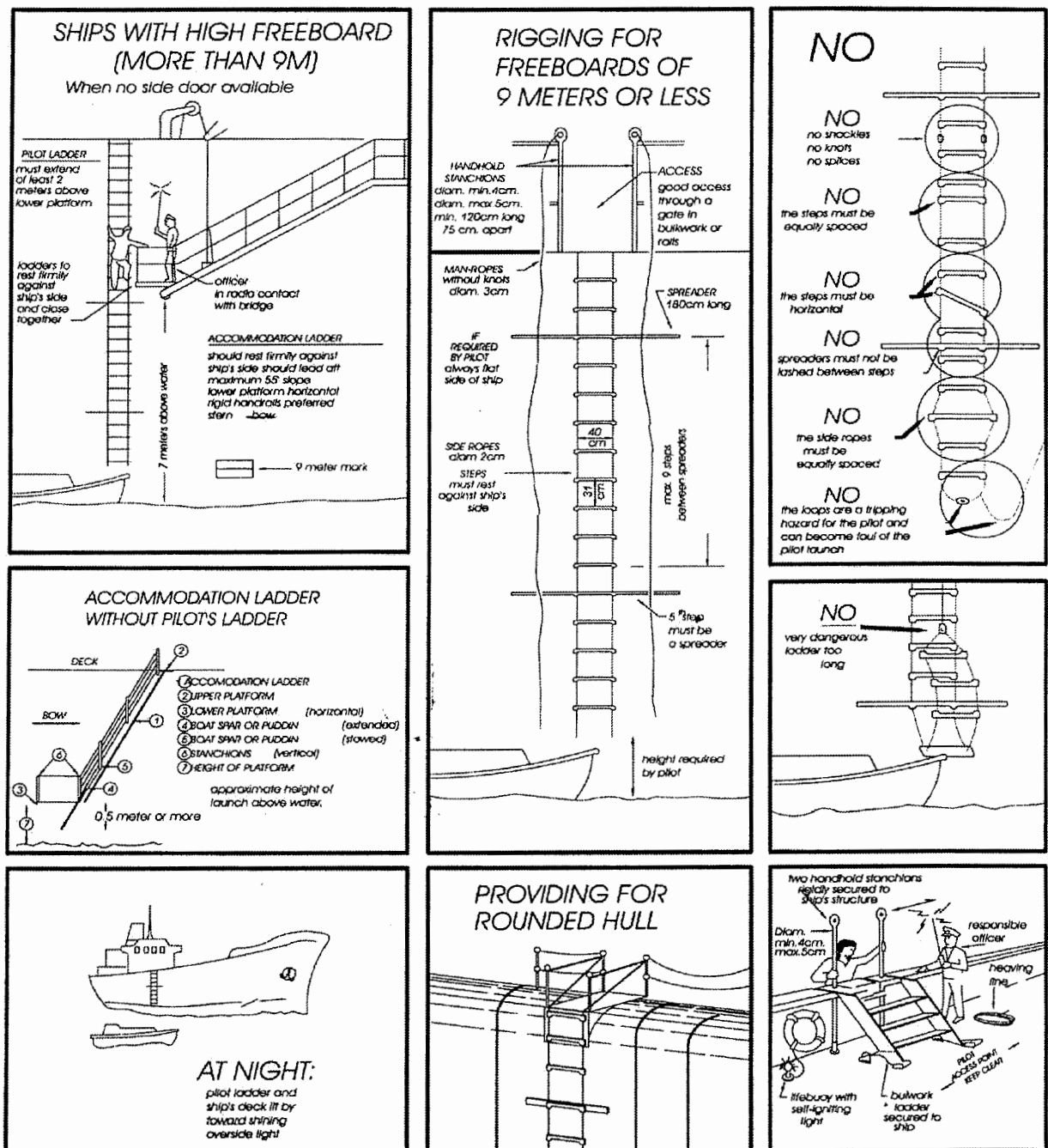


FIGURE 7 – Panama Canal Required Boarding Arrangements

- 14.15 Has each double chock located in the bow or stern centreline two pairs of accompanying heavy bitts with each bit of each pair capable of withstanding a strain of 64000 kg? 1
- 14.16 Have all parts of the vessels which may be contacted by the towing wires a radius of not less than 180 mm? 1
- 14.17 Is adequate working space provided on deck areas adjacent to winches, capstans, chocks, bitts and fairleads and along the path of mooring lines at least 0.915 m in width? 1
- 14.18 Is the height over a.m. working spaces not less than 2.134 m? 1
- 14.19 Applies only to ships built before 1994, which are provided with roller chocks:  
Are the roller chocks at least 15 meters above the waterline, designed to meet the a.m. requirements for solid chocks and are they in good condition? 2
- 14.20 Vessels with large flared bows or unusually high freeboard such as container vessels or vehicle carriers:  
For correct positioning of assisting tugs (to allow tugboats to work safely under the bow flare without that tugboats mast or pilothouse coming in contact with the vessel's hull):
- 14.20.1 Are single closed chocks located further aft than those required (above) provided? 2
- 14.20.2 Alternative: Are recessed tug bollards into the hull fitted not less than 3.7 m and not more than 4.6 m above the vessel's waterline, in a position where the bow flare does not exceed 25 degrees? 2
- 14.20.3 A.m. vessels fitted with recessed tug bollards into the hull, which have an appreciable variation in draft:  
Are two sets of recessed hull bitts fitted so that one bit is located over the other? 2
- 15 Winches to retrieve wires (MR Notice to shipping § 9)**
- Note: The required speed of the winches that will be used to retrieve the locomotive's wires aboard a vessel is 120 feet/minute or 37 meters/minute! (Winch-Test: Speed measurement shall be performed.)
- 15.1 Forward: Are winches able to retrieve wires with the required speed of at least 37 m/min? 1
- 15.2 Aft: Are winches able to retrieve wires with the required speed of at least 37 m/min? 1
- 16 Mooring Lines (MR Notice to Shipping § 9)**
- Note: Each mooring line shall be at least 75 m in length and shall have an eye of at least 1.50 m spliced in each end (wire ropes are not acceptable).
- 16.1 Forward: Are on deck six manila or synthetic mooring lines provided? 1
- 16.2 Aft: Are on deck six manila or synthetic mooring lines provided? 1
- 17 Boarding Facilities (MR Notice to Shipping § 10)**
- 17.1 Are accommodation ladders and pilot ladders available on either side? 1
- 17.2 Does the inspection on board show that the accommodation ladders and pilot ladders provided onboard are in compliance with MR Notice to Shipping § 11 "Figure 7 – Panama Canal Required Boarding Arrangements"? (Remark: Figure 7 is also available in GL-ITS Part I Chapter 2 Section 2 A 22.4 Annex 3) 0
- 17.3 Are pilot ladders so positioned that they are clear from any possible discharges from the ship? 1
- 17.4 Do all pilot ladder steps rest firmly against the ship's side? 1
- 17.5 Is the single length of each pilot ladder sufficient to reach the water surface when the vessel in ballast condition will have an adverse list of 15°? 1
- 17.6.1 Are accommodation ladders be sited leading aft, with the lower platform at the after end? 0
- 17.6.2 When in use: does – under all conditions of draft – the lowered aft end platform of each accommodation ladder rest firmly against the vessel's side within the parallel mid-body of the vessel? 0
- 17.6.3 Are accommodation ladders so positioned that they are clear from any possible discharges from the ship? 1