M26 cont'd

M26.2.4 To provide a warning to personnel in the vicinity of the exhaust end steam turbines of excessive pressure, a sentinel valve or equivalent is to be provided at the exhaust end of all turbines. The valve discharge outlets are to be visible and suitably guarded if necessary. When, for auxiliary turbines, the inlet steam pressure exceeds the pressure for which the exhaust casing and associated piping up to exhaust valve are designed, means to relieve the excess pressure are to be provided.

M26.2.5 Non-return valves, or other approved means which will prevent steam and water returning to the turbines, are to be fitted in bled steam connections.

M26.2.6 Efficient steam strainers are to be provided close to the inlets to ahead and astern high pressure turbines or alternatively at the inlets to manoeuvring valves.

NOTE
The hand trip gear is understood as any device which is operated manually irrespective of the way the action is performed, i.e. mechanically or by means of external power.

END

M27 (1976) Bilge level alarms for unattended machinery spaces

M27.1 All vessels are to be fitted with means for detecting a rise of water in the machinery space bilges or bilge wells. Bilge wells are to be large enough to accommodate normal drainage during the unattended period. The number and location of wells and detectors is to be such that accumulation of liquids may be detected at all normal angles of heel and trim.

M27.2 Where the bilge pumps start automatically, means shall be provided to indicate if the influx of liquid is greater than the pump capacity or if the pump is operating more frequently than would normally be expected. In this case, smaller bilge wells to cover a reasonable period of time may be permitted. Where automatically controlled bilge pumps are provided special attention shall be given to oil pollution prevention requirements.

M27.3 Alarms are to be given at the main control station, engineers' accommodation area and at the bridge.

END

M28 (1978) Ambient reference conditions

For the purpose of determining the power of main and auxiliary reciprocating internal combustion engines, the following ambient reference conditions apply for ships of unrestricted service:

Total barometric pressure	1000 mbar
Air temperature	+45°C
Relative humidity	60%
Sea water temperature (charge air coolant-inlet)	32°C

NOTE
The engine manufacturer shall not be expected to provide simulated ambient reference conditions at a test bed.

END