



GUIDELINES FOR STATUTORY IMPLEMENTATION
PART 6. STATUTORY

VOLUME 4
GUIDELINES ON
CREW ACCOMMODATION
2016 EDITION

BIRO KLASIFIKASI INDONESIA



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PART 6. STATUTORY

VOLUME 4

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CREW ACCOMMODATION

2016 EDITION

Biro Klasifikasi Indonesia
Jl. Yos Sudarso No. 38-40, Tanjung Priok
Jakarta 14320
www.bki.co.id
rules@bki.co.id

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The following Guidelines come into force on 1st February 2016

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Preamble

This Guidelines refers to the Accommodation of Crews Convention (Revised), 1949 (No.92) and Supplementary Provisions (No. 133) concerning such matter as sleeping accommodation, mess and recreation rooms, ventilation, heating, lighting and sanitary facilities on board ship.

The purpose of the Guidelines is to provide compliance criteria standard for Crew Accommodation based on the above reference. In this case, BKI will issue a Statement of Compliance for Crew Accommodation which was constructed before the MLC, 2006 enters into force.

This Guidelines is interpreted by BKI and refers to ILO conventions. However, this does not rule out the possibility that BKI accept other standards which have equivalent level of safety and comfort for crew, as variation.

When there is a difference in interpretation of the content in this Guidelines with the Administration, then the Guidelines shall follow and be subject to the National Regulation of the flag of the ship.

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Section 1

General Provisions

A. Application

1. Ships wishes to comply with MLC Convention Title 3.1 (Accommodation and recreational facilities), but having no previous crew accommodation certificate issued by the previous flag register or class society shall comply with this Guidelines;
2. The ship owner shall request to BKI the service rendered for this Guidelines
3. This Guidelines applies to every sea-going ship, whether publicly or privately owned, which is engaged in the transport of cargo or passengers for the purpose of trade or is employed for any other commercial purpose, which was built prior to the entry into force of MLC Convention.
4. National laws or regulations shall determine when ships are to be regarded as sea-going vessels for the purpose of this Guidelines.
5. Section 3 (ILO 92) of this Guidelines applies to all sea going cargo and passenger ships of 500 gross tons and over, while Section 4 (ILO 133) of this Guidelines applies to cargo and passenger ships of 1000 tons gross and over. ILO 133 is supplementary to ILO 92.
6. This Guidelines does not apply to:
 - (a) ships primarily propelled by sail but having auxiliary engines;
 - (b) ships engaged in fishing or in whaling or in similar pursuits;
 - (c) hydrofoils and air-cushion craft.
7. Provided that the Guidelines shall be applied where reasonable and practicable to:
 - (a) ships between 200 and 500 tons; and
 - (b) the accommodation of persons engaged in usual sea-going routine in ships engaged in whaling or in similar pursuits.

B. Definitions

In this Guidelines:

- (a) the term **adult** means a person who is at least 18 years of age;
- (b) the term **approved** means approved by BKI;
- (c) the term **crew** refers to seafarer;
- (d) the term **crew accommodation** includes such sleeping rooms, mess rooms, sanitary accommodation, hospital accommodation and recreation accommodation as are provided for the use of the crew;
- (e) the term **passenger ship** means a ship in respect of which there is in force either (i) a safety certificate issued in accordance with the provisions of the International Convention for the Safety of Life at Sea for the time being in force or (ii) a passenger certificate;
- (f) the term **petty officer** means a rating serving in a supervisory position or position of special responsibility who is classed as petty officer by national laws or regulations, or, in the absence of any relevant laws or regulations, by collective agreement or custom;

- (g) the term *prescribed* means prescribed by national laws or regulations or by BKI;
- (h) the term *officer* means a person other than a master ranked as an officer by national laws or regulations, or, in the absence of any relevant laws or regulations, by collective agreement or custom;
- (i) the term *rating* means a member of the crew other than an officer;
- (j) the term *re-registered* means re-registered on the occasion of a simultaneous change in the territory of registration and ownership of the vessel;
- (k) the term *seafarer* refers to the MLC, 2006 definition of seafarer;
- (l) the term *ship* means a vessel to which the Guidelines applies;
- (m) the term *tons* means gross register tons;

Section 2

Control of Crew Accommodation

A. Drawing Approval

1. A plan of the ship, showing on a prescribed scale the location and general arrangement of the crew accommodation, shall be submitted for approval to BKI.
2. Detailed plans of, and information concerning, the accommodation, showing on a prescribed scale and in prescribed detail the allocation of each space, the disposition of furniture and fittings, the means and arrangement of ventilation, lighting and heating, and the sanitary arrangements, should be submitted for approval to BKI: Provided that in the case of emergency or temporary alterations or reconstruction effected outside the territory of registration it shall be sufficient compliance with this provision if the plans are subsequently submitted for approval to BKI.
3. An equivalent drawing showing the above, shall be accepted by BKI. As a minimum, it shall comprise of the following :
 - General Arrangement (showing as minimum : dimension of accommodation spaces and furnitures, ventilations and sanitary arrangement)
 - Electrical installation plans showing the lighting and heating
4. Special Consideration shall be given, if the ship has been registered by BKI, assuming all of the required drawings for the fulfillment of Class Register have been completed.

B. Control of Crew Accommodation

1. On every occasion when:
 - (a) a ship is registered or re-registered,
 - (b) the crew accommodation of a ship has been substantially altered or reconstructed, or
 - (c) complaint has been made to BKI in the prescribed manner and in time to prevent any delay to the vessel by a recognized bona fide trade union of seafarers representing all or part of the crew or by a prescribed number or proportion of the members of the crew of the ship that the crew accommodation is not in compliance with the terms of this Guidelines,

BKI shall inspect the ship and satisfy itself that the crew accommodation complies with the requirements of the laws and regulations.

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Section 3

ILO 92 Crew Accommodation Requirements

A. General Accommodation

1. The location, means of access, structure and arrangement in relation to other spaces of crew accommodation shall be such as to ensure adequate security, protection against weather and sea, and insulation from heat or cold, undue noise or effluvia from other spaces.
2. There shall be no direct openings into sleeping rooms from spaces for cargo and machinery or from galleys, lamp and paint rooms or from engine, deck and other bulk store rooms, drying rooms, communal wash places or water closets. That part of the bulkhead separating such places from sleeping rooms and external bulkheads shall be efficiently constructed of steel or other approved substance and shall be watertight and gastight.
3. External bulkheads of sleeping rooms and mess rooms shall be adequately insulated. All machinery casings and all boundary bulkheads of galleys and other spaces in which heat is produced shall be adequately insulated where there is a possibility of resulting heat effects in adjoining accommodation or passageways. Care shall also be taken to provide protection from heat effects of steam and/or hot-water service pipes.
4. Internal bulkheads shall be of approved material which is not likely to harbour vermin.
5. Sleeping rooms, mess rooms, recreation rooms and alley-ways in the crew accommodation space shall be adequately insulated to prevent condensation or overheating.
6. Main steam and exhaust pipes for winches and similar gear shall not pass through crew accommodation nor, whenever technically possible, through alley-ways leading to crew accommodation; where they do pass through such alley-ways they shall be adequately insulated and encased.
7. Inside panelling or sheeting shall be of material with a surface easily kept clean. Tongued and grooved boarding or any other form of construction likely to harbour vermin shall not be used.
8. Fire-prevention or fire-retarding measures for the construction of the accommodation shall be required to fulfill with the requirements of BKI Vol II Rules for Hull, Section 22. Structural of Fire Protection.
9. The wall surface and deckheads in sleeping rooms and mess rooms shall be capable of being easily kept clean and, if painted, shall be light in colour; lime wash must not be used.
10. The wall surfaces shall be renewed or restored as necessary.
11. The decks in all crew accommodation shall be of approved material and construction and shall provide a surface impervious to damp and easily kept clean.
12. Where the floorings are of composition the joinings with sides shall be rounded to avoid crevices.
13. Sufficient drainage shall be provided.

B. Ventilation

1. Sleeping rooms and mess rooms shall be adequately ventilated.
2. The system of ventilation shall be controlled so as to maintain the air in a satisfactory condition and

to ensure a sufficiency of air movement in all conditions of weather and climate. Recommended temperatures typically range from 73°F to 78°F during the summer (23 °C – 26 °C)¹.

3. Ships regularly engaged on voyages in the tropics and the Persian Gulf shall be equipped with both mechanical means of ventilation and electric fans: Provided that one only of these means need be adopted in spaces where this ensures satisfactory ventilation.
4. Ships engaged outside the tropics shall be equipped with either mechanical means of ventilation or electric fans. BKI may exempt ships normally employed in the cold waters of the northern or southern hemispheres from this requirement.
5. Power for the operation of the aids to ventilation required by B.3 and B.4 of this Section shall, when practicable, be available at all times when the crew is living or working on board and conditions so require.

C. Heating

1. An adequate system of heating the crew accommodation shall be provided except in ships engaged exclusively in voyages in the tropics and the Persian Gulf.
2. The heating system shall, when practicable, be in operation at all times when the crew is living or working on board and conditions require its use.
3. In all ships in which a heating system is required, the heating shall be by means of steam, hot water, warm air or electricity.
4. In any ships in which heating is provided by a stove, measures shall be taken to ensure that the stove is of sufficient size and is properly installed and guarded and that the air is not fouled.
5. The heating system shall be capable of maintaining the temperature in crew accommodation at a satisfactory level under normal conditions of weather and climate likely to be met with on service; Recommended temperatures typically range from 68°F to 74°F (20 °C – 24 °C) for the winter¹ .
6. Radiators and other heating apparatus shall be so placed and, where necessary, shielded as to avoid risk of fire or danger or discomfort to the occupants.

D. Lighting

1. Subject to such special arrangements as may be permitted in passenger ships, sleeping rooms and mess rooms shall be properly lighted by natural light and shall be provided with adequate artificial light.
2. All crew spaces shall be adequately lighted. The minimum standard for natural lighting in living rooms shall be such as to permit a person with a normal vision to read on a clear day an ordinary newspaper in any part of the space available for free movement. When it is not possible to provide adequate natural lighting, artificial lighting of the above minimum standard shall be provided.
3. In all ships electric lights shall be provided in the crew accommodation. If there are not two independent sources of electricity for lighting, additional lighting shall be provided by properly constructed lamps or lighting apparatus for emergency use.
4. Artificial lighting shall be so disposed as to give the maximum benefit to the occupants of the room.

¹ Refer to Burroughs, H., & Hansen, S. (2011). 6. In *Managing indoor air quality* (5th ed., p. 149). Lilburn, Ga.: Fairmont Press ;

5. In sleeping rooms an electric reading lamp shall be installed at the head of each berth.

E. Rooms

1. Sleeping rooms shall be situated above the load line amidships or aft.
2. In exceptional cases, BKI may, if the size, type or intended service of the ship render any other location unreasonable or impracticable, permit the location of sleeping rooms in the fore part of the ship, but in no case forward of the collision bulkhead.
3. In passenger ships, BKI may, on condition that satisfactory arrangements are made for lighting and ventilation, permit the location of sleeping rooms below the load line, but in no case immediately beneath working alley-ways.
4. The floor area per person of sleeping rooms intended for ratings shall be not less than:
 - (a) 20 sq. ft. or 1.85 sq. m. in vessels under 800 tons;
 - (b) 25 sq. ft. or 2.35 sq. m. in vessels of 800 tons or over, but under 3,000 tons;
 - (c) 30 sq. ft. or 2.78 sq. m. in vessels of 3,000 tons or over:

Provided that, in the case of passenger ships in which more than four ratings are berthed in one room, the minimum per person may be 24 sq. ft. (2.22 sq. m.).

5. In the case of ships in which are employed such groups of ratings as necessitate the employment of a substantially larger number of ratings than would otherwise be employed, BKI may, in respect of such groups, reduce the minimum floor area of sleeping rooms per person, subject to the conditions that:
 - (a) the total sleeping space allotted to the group or groups is not less than would have been allotted had the numbers not been so increased, and
 - (b) the minimum floor area of sleeping rooms is not less than:
 - (i) 18 sq. ft. (1.67 sq. m.) per person in ships under 3,000 tons;
 - (ii) 20 sq. ft. (1.85 sq. m.) per person in ships of 3,000 tons or over.
6. Space occupied by berths and lockers, chests of drawers and seats shall be included in the measurement of the floor area. Small or irregularly shaped spaces which do not add effectively to the space available for free movement and cannot be used for installing furniture shall be excluded.
7. The clear head room in crew sleeping rooms shall not be less than 6 ft. 3 ins. (190 cm.).
8. There shall be a sufficient number of sleeping rooms to provide a separate room or rooms for each department: Provided that BKI may relax this requirement in the case of *small ships*²⁾.
9. The number of persons allowed to occupy sleeping rooms shall not exceed the following maxima:
 - (a) officers in charge of a department, navigating and engineer officers in charge of a watch and senior radio officers or operators: one person per room;
 - (b) other officers: one person per room wherever possible, and in no case more than two;
 - (c) petty officers: one or two persons per room, and in no case more than two;
 - (d) other ratings: two or three persons per room wherever possible, and in no case more than four.
10. With a view to ensuring adequate and more comfortable accommodation BKI may accept to

²⁾ Small ship is a ship less than 500 tons but not lesser than 200 tons

accommodate up to ten ratings per sleeping room in the case of certain passenger ships.

- 11.** The maximum number of persons to be accommodated in any sleeping room shall be indelibly and legibly marked in some place in the room where it can conveniently be seen.
- 12.** Members of the crew shall be provided with individual berths.
- 13.** Berths shall not be placed side by side in such a way that access to one berth can be obtained only over another.
- 14.** Berths shall not be arranged in tiers of more than two; in the case of berths placed along the ship's side, there shall be only a single tier where a sidelight is situated above a berth.
- 15.** The lower berth in a double tier shall be not less than 12 ins. (30 cm.) above the floor; the upper berth shall be placed approximately midway between the bottom of the lower berth and the lower side of the deckhead beams.
- 16.** The minimum inside dimensions of a berth shall be 6 ft. 3 ins. by 2 ft. 3 ins. (190 cm. by 68 cm.).
- 17.** The framework and the lee-board, if any, of a berth shall be of approved material, hard, smooth, and not likely to corrode or to harbour vermin.
- 18.** If tubular frames are used for the construction of berths, they shall be completely sealed and without perforations which would give access to vermin.
- 19.** Each berth shall be fitted with a spring bottom or a spring mattress and with a mattress of approved material. Stuffing of straw or other material likely to harbour vermin shall not be used.
- 20.** When one berth is placed over another a dust-proof bottom of wood, canvas or other suitable material shall be fitted beneath the spring bottom of the upper berth.
- 21.** Sleeping rooms shall be so planned and equipped as to ensure reasonable comfort for the occupants and to facilitate tidiness.
- 22.** The furniture shall include a clothes locker for each occupant. The clothes lockers shall be not less than 5 ft. (152 cm.) in height and of a cross-section area of 300 sq. ins. (19.30 sq. decimetres) and shall be fitted with a shelf and a hasp for a padlock. The padlock shall be provided by the occupant.
- 23.** Each sleeping room shall be provided with a table or desk, which may be of the fixed, dropleaf or slide-out type, and with comfortable seating accommodation as necessary.
- 24.** The furniture shall be of smooth, hard material not liable to warp or corrode.
- 25.** The drawer or equivalent space for each occupant shall be not less than 2 cu. ft. (.056 cu. m.).
- 26.** Sleeping rooms shall be fitted with curtains for the sidelights.
- 27.** Sleeping rooms shall be fitted with a mirror, small cabinets for toilet requisites, a book rack and a sufficient number of coat hooks.
- 28.** As far as practicable berthing of crew members shall be so arranged that watches are separated and that no daymen share a room with watch-keepers.

F. Mess Rooms

1. Sufficient mess room accommodation shall be provided in all ships.
2. In ships of less than 1,000 tons separate mess room accommodation shall be provided for:
 - (a) master and officers;
 - (b) petty officers and other ratings.
3. In ships of 1,000 tons and over, separate mess room accommodation shall be provided for:
 - (a) master and officers;
 - (b) deck department petty officers and other ratings;
 - (c) engine department petty officers and other ratings;

Provided that:

- (i) one of the two mess rooms for the petty officers and other ratings may be allotted to the petty officers and the other to the other ratings;
 - (ii) a single mess room may be provided for deck and engine department petty officers and other ratings in cases in which the organisations of shipowners and/or shipowners and the recognised bona fide trade unions of seafarers concerned have expressed a preference for such an arrangement.
4. Adequate mess room accommodation shall be provided for the catering department, either by the provision of a separate mess room or by giving them the right to the use of the mess rooms assigned to other groups; in the case of ships of 5,000 tons or over with more than five persons in the catering department consideration shall be given to the provision of a separate mess room.
5. The dimensions and equipment of each mess room shall be sufficient for the number of persons likely to use it at any one time.
6. Mess rooms shall be equipped with tables and approved seats sufficient for the number of persons likely to use them at any one time.
7. BKI may permit such exceptions to the foregoing rules concerning mess room accommodation as may be necessary to meet the special conditions in passenger ships.
8. Mess rooms shall be located apart from the sleeping rooms and as close as practicable to the galley.
9. Where available pantries are not accessible to mess rooms, adequate lockers for mess utensils and proper facilities for washing utensils shall be provided.
10. The tops of tables and seats shall be of damp-resisting material, without cracks and capable of being easily cleaned.

G. Recreation Accommodation

1. In all ships a space or spaces to which the crew can have access when off duty shall be provided on an open deck; the space or spaces shall be of adequate area, having regard to the size of the ship and the crew.
2. Recreation accommodation, conveniently situated and appropriately furnished, shall be provided for officers and for ratings. Where this is not provided separately from the mess rooms the latter shall be planned, furnished, and equipped to give recreational facilities.

H. Sanitary Facilities

1. Sufficient sanitary accommodation, including wash basins and tub and/or shower baths, shall be provided in all ships.
2. The following minimum number of separate water closets shall be provided:
 - (a) in ships of under 800 tons: three;
 - (b) in ships of 800 tons or over, but under 3,000 tons: four;
 - (c) in ships of 3,000 tons or over: six;
 - (d) in ships where the radio officers or operators are accommodated in an isolated position, sanitary facilities near or adjacent thereto shall be provided.
3. Sanitary facilities for all members of the crew who do not occupy rooms to which private facilities are attached shall be provided for each group of the crew on the following scale:
 - (a) one tub and/or shower bath for every eight persons or less;
 - (b) one water closet for every eight persons or less;
 - (c) one wash basin for every six persons or less:

Provided that when the number of persons in a group exceeds an even multiple of the specified number by less than one-half of the specified number this surplus may be ignored for the purpose of this paragraph.

4. When the total number of the crew exceeds 100 and in passenger vessels normally engaged on voyages of not more than four hours' duration, consideration may be given by BKI to special arrangements or a reduction in the number of facilities required.
5. Cold fresh water and hot fresh water or means of heating water shall be available in all communal wash places, and taking into consideration the climate of the ship trading area.
6. Wash basins and tub baths shall be of adequate size and constructed of approved material with a smooth surface not liable to crack, flake or corrode.
7. All water closets shall have ventilation to the open air, independently of any other part of the accommodation.
8. All water closets shall be of an approved pattern and provided with an ample flush of water, available at all times and independently controllable.
9. Soil pipes and waste pipes shall be of adequate dimensions and shall be so constructed as to minimise the risk of obstruction and to facilitate cleaning.
10. Sanitary accommodation intended for the use of more than one person shall comply with the following requirements:
 - a) floors shall be of approved durable material, easily cleaned and impervious to damp, and shall be properly drained;
 - b) bulkheads shall be of steel or other approved material and shall be watertight up to at least 9 ins. (23 cm.) above the level of the deck;
 - c) the accommodation shall be sufficiently lighted, heated and ventilated;
 - d) water closets shall be situated convenient to, but separate from, sleeping rooms and wash rooms, without direct access from the sleeping rooms or from a passage between sleeping rooms and water closets to which there is no other access: Provided that this requirement shall not apply where a water closet is located in a compartment between two sleeping rooms

having a total of not more than four persons;

- (e) where there is more than one water closet in a compartment, they shall be sufficiently screened to ensure privacy.

11. In all ships facilities for washing and drying clothes shall be provided on a scale appropriate to the size of the crew and the normal duration of the voyage.

12. The facilities for washing clothes shall include suitable sinks, which may be installed in wash rooms, if separate laundry accommodation is not reasonably practicable, with an adequate supply of cold fresh water and hot fresh water or means of heating water.

13. The facilities for drying clothes shall be provided in a compartment separate from sleeping rooms and mess rooms, adequately ventilated and heated and equipped with lines or other fittings for hanging clothes.

I. Hospital Accommodation and Facilities

1. In any ship carrying a crew of fifteen or more and engaged in a voyage of more than three days' duration, separate hospital accommodation shall be provided. BKI may relax this requirement in respect of vessels engaged in coastal trade³⁾.

2. The hospital accommodation shall be suitably situated, so that it is easy of access and so that the occupants may be comfortably housed and may receive proper attention in all weathers.

3. The arrangement of the entrance, berths, lighting, ventilation, heating and water supply shall be designed to ensure the comfort and facilitate the treatment of the occupants.

4. The number of hospital berths required in hospital accommodation shall be a minimum of one, taking into account the assessment made by the shipowner and be subject to the available National requirements.

5. Water closet accommodation shall be provided for the exclusive use of the occupants of the hospital accommodation, either as part of the accommodation or in close proximity thereto.

6. Hospital accommodation shall not be used for other than medical purposes.

7. An approved medicine chest with readily understandable instructions shall be carried in every ship which does not carry a doctor.

J. Additional Requirements

1. Sufficiently and adequately ventilated accommodation for the hanging of oilskins shall be provided outside but convenient to the sleeping rooms.

2. In ships of over 3,000 tons one room for the deck department and one room for the engine department shall be provided and equipped for use as an office.

3. In ships regularly trading to mosquito-infested ports provision shall be made to protect the crews' quarters against the admission of mosquitoes by the fitting of suitable screens to side scuttles, ventilators and doors to the open deck.

4. All ships trading regularly to or in the tropics and the Persian Gulf shall be equipped with awnings for use over exposed decks above crew accommodation and over recreation deck space or spaces.

³ Coastal means that the voyage shall be no more than 50 nm from the nearest shore

K. Special Consideration

1. In the case of the ships mentioned in E.5 of this Section, BKI may, in respect of the members of the crew there referred to, modify the requirements laid down in the foregoing articles as far as may be necessary to take account of their distinctive national habits and customs and in particular may make special arrangements concerning the number of persons occupying sleeping rooms and concerning mess room and sanitary facilities.
2. In modifying the said requirements BKI shall be bound by the specifications set forth in E.1 and E.2 of this Section and by the minimum sleeping space requirements prescribed for such groups of ratings in E.5 of this Section.
3. In ships in which the crew in any department are persons of widely different national habits and customs, separate and appropriate sleeping and living accommodation shall be provided as may be necessary to meet the requirements of the different groups.
4. In the case of the ships mentioned in E.5 of this Section the hospital, dining, bathing and sanitary facilities shall be provided and maintained on a standard, in regard to their quantity and practical usefulness, equal or comparable to that which obtains aboard all other ships of similar type and belonging to the same registry.

L. Inspection and Records

1. Crew accommodation shall be maintained in a clean and decently habitable condition and shall be kept free of goods and stores not the personal property of the occupants.
2. The master, or an officer specially deputed for the purpose by him, accompanied by one or more members of the crew, shall inspect all crew accommodation at intervals of not more than one week. The results of each such inspection shall be recorded.

Section 4

ILO 133 Crew Accommodation Requirements

A. Sleeping Room

1. The floor area per person of sleeping rooms intended for ratings shall be not less than
 - (a) 3.75 square metres (40.36 square feet) in ships of 1,000 tons or over but less than 3,000 tons;
 - (b) 4.25 square metres (45.75 square feet) in ships of 3,000 tons or over but less than 10,000 tons;
 - (c) 4.75 square metres (51.13 square feet) in ships of 10,000 tons or over.
2. Provided that the floor area per person of sleeping rooms intended for two ratings shall be not less than
 - (a) 2.75 square metres (29.60 square feet) in ships of 1,000 tons or over but less than 3,000 tons;
 - (b) 3.25 square metres (34.98 square feet) in ships of 3,000 tons or over but less than 10,000 tons;
 - (c) 3.75 square metres (40.36 square feet) in ships of 10,000 tons or over.
3. Provided also that the floor area of sleeping rooms intended for ratings in passenger ships shall be not less than
 - (a) 2.35 square metres (25.30 square feet) per person in ships of 1,000 tons or over but less than 3,000 tons;
 - (b) in ships of 3,000 tons or over:
 - (i) 3.75 square metres (40.36 square feet) in rooms accommodating one person;
 - (ii) 6.00 square metres (64.58 square feet) in rooms accommodating two persons;
 - (iii) 9.00 square metres (96.88 square feet) in rooms accommodating three persons;
 - (iv) 12.00 square metres (129.17 square feet) in rooms accommodating four persons.
4. The number of ratings occupying sleeping rooms shall not exceed two persons per room, except in passenger ships where the maximum number permissible shall be four.
5. The number of petty officers occupying sleeping rooms shall not exceed one or two persons per room.
6. In sleeping rooms for officers, where no private sitting room or day room is provided, the floor area per person shall not be less than 6.50 square metres (69.96 square feet) in ships of less than 3,000 tons, and not less than 7.50 square metres (80.73 square feet) in ships of 3,000 tons or over.
7. In ships other than passenger ships an individual sleeping room shall be provided for each adult member of the crew, where the size of the ship, the activity in which it is to be engaged, and its layout make this reasonable and practicable.
8. Where practicable in ships of 3,000 tons or over, the chief engineer officer and the chief navigating officer shall have, in addition to their sleeping room, an adjoining sitting room or day room.
9. Space occupied by berths and lockers, chests of drawers and seats shall be included in the measurement of the floor area. Small or irregularly shaped spaces which do not add effectively to the space available for free movement and cannot be used for installing furniture shall be excluded.

10. The minimum inside dimensions of a berth shall be 198 centimetres by 80 centimetres (6 feet 6 inches by 2 feet 7.50 inches).

B. Mess room

1. The floor area of mess rooms for officers and for ratings shall be not less than 1 square metre (10.76 square feet) per person of the planned seating capacity.

2. Mess rooms shall be equipped with tables and approved seats, fixed or movable, sufficient to accommodate the greatest number of members of the crew likely to use them at any one time.

3. There shall be available at all times when members of the crew are on board:

- (a) a refrigerator, which shall be conveniently situated, of sufficient capacity for the number of persons using the mess room or mess rooms;
- (b) facilities for hot beverages; and
- (c) cool water facilities.

4. BKI may permit such exceptions to the provisions of B.1 and B.2 of this Section concerning mess room accommodation as may be necessary to meet the special conditions in passenger ships.

C. Recreation Accommodation

1. Recreation accommodation, conveniently situated and appropriately furnished, shall be provided for officers and for ratings. Where this is not provided separately from the mess rooms the latter shall be planned, furnished and equipped to give recreational facilities.

2. Furnishing for recreation accommodation shall as a minimum include a bookcase and facilities for reading, writing and, where practicable, for games.

3. In respect of ships of 8,000 tons or over, a smoking room or library room in which films or television may be shown and a hobby and games room shall be provided; consideration shall be given to the provision of a swimming pool.

4. In connection with the planning of recreation accommodation, consideration shall be given to the provision of a canteen.

D. Bathrooms

1. In all ships a minimum of one water closet and one tub and/or shower bath for every six persons or less who do not have facilities in pursuance of D.2 to D.4 of this Section shall be provided at a convenient location for officers and for ratings. When women are employed in a ship, separate sanitary facilities shall be provided for them.

2. In ships of 5,000 tons or over but less than 15,000 tons, individual sleeping rooms for at least five officers shall have attached to them a separate private bathroom fitted with a water closet as well as a tub and/or shower bath and a wash basin having hot and cold running fresh water; the wash basin may be situated in the sleeping room. In addition, in ships of 10,000 tons or over but less than 15,000 tons, the sleeping rooms of all other officers shall have private intercommunicating bathrooms similarly fitted.

3. In ships of 15,000 tons or over, individual sleeping rooms for officers shall have attached to them a separate private bathroom fitted with a water closet as well as a tub and/or shower bath and a wash basin

having hot and cold running fresh water; the wash basin may be situated in the sleeping room.

4. In ships of 25,000 tons or over, other than passenger ships, a bathroom for every two ratings shall be provided, either in an intercommunicating compartment between adjoining sleeping rooms or opposite the entrance of such rooms, which shall be fitted with a water closet as well as a tub and/or shower bath and a wash basin having hot and cold running fresh water.

5. In ships of 5,000 tons or over, other than passenger ships, each sleeping room, whether for officers or ratings, shall be provided with a wash basin having hot and cold running fresh water, except where such wash basin is situated in a bathroom provided in conformity with D.2, D.3 or D.4 of this Section.

6. In all ships, facilities for washing, drying and ironing clothes shall be provided for officers and ratings on a scale appropriate to the size of the crew and the normal duration of the voyage. These facilities shall, whenever possible, be located within easy access of their accommodation.

7. The facilities to be provided shall be

- (a) washing machines;
- (b) drying machines or adequately heated and ventilated drying rooms; and
- (c) iron and ironing boards or their equivalent.

E. Additional Requirement of Sanitary Facilities

1. In ships of 1,600 tons or over there shall be provided

- (a) a separate compartment containing a water closet and a wash basin having hot and cold running fresh water, within easy access of the navigating bridge deck primarily for those on duty in the area; and
- (b) a water closet and a wash basin having hot and cold running fresh water, within easy access of the machinery space if not fitted near the engine room control center.

2. In ships of 1,600 tons or over, other than ships in which private sleeping rooms and private or semiprivate bathrooms are provided for all engine department personnel, facilities for changing clothes shall be provided which shall be

- (a) located outside the machinery space but with easy access to it; and
- (b) fitted with individual clothes lockers as well as with tubs and/or shower baths and wash basin having hot and cold running fresh water.

F. Headroom

The minimum headroom in all crew accommodation where full and free movement is necessary shall be not less than 198 centimetres (6 feet 6 inches): Provided that BKI may permit some limited reduction in headroom in any space, or part of any space, in such accommodation where it is satisfied that it is reasonable to do so and also that such reduction will not result in discomfort to the crew.

G. Lighting in Crew Accommodation

1. Crew accommodation shall be properly lighted.

2. Subject to such special arrangements as may be permitted in passenger ships, sleeping rooms and mess rooms shall be lighted by natural light and shall be provided with adequate artificial light.

3. In all ships electric light shall be provided in the crew accommodation. If there are not two independent sources of electricity for lighting, additional lighting shall be provided by properly constructed lamps or lighting apparatus for emergency use.
4. In sleeping rooms an electric reading lamp shall be installed at the head of each berth.
5. Suitable standards of natural and artificial lighting shall be fixed by BKI

Section 5

Crew Accommodation Certification

A. General

A statement of compliance will be issued to the ship which comply with the requirements of this Guidelines.

B. Certification Process

- 1.** Shipowner shall submit applicable plans mentioned in Section 2 of this Guidelines.
- 2.** The plans shall be approved prior to the Initial Survey of the crew accommodation.
- 3.** An Inspection to the ship shall be conducted to verify the approved plans and original living conditions onboard.
- 4.** The Statement of Compliance (SOC) for Crew accommodation will be issued after the Inspector has found that the crew accommodation of the ship has comply with the Guidelines.
- 5.** Any variation to this Guidelines verified onboard, shall be reflected in the report issued with the Statement of Compliance (SOC) for crew accommodation.

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