

**Annex II to Circular N° CH 43-6,
Requirements for Crew Accommodation according MLC, 2006
Comparisons**

Requirements for Crew Accommodation according MLC, 2006		Reference MLC	Requirements C133 C92	Reference C133 C92
between MLC Convention and former ILO conventions C133 and C 92				
Construction	Reference MLC	Requirements C133 C92		
<p>MLC requirement</p> <p>Are location, means of access, structure and arrangement of CA such as to ensure adequate security, protection against weather and sea and insulation from heat or cold, undue noise or effluvia from other spaces? OR Is CA located, arranged, constructed and can be accessed in secure, protective against weather and sea and insulated from heat, cold, undue noise or effluvia way?</p>	<p>Art. 6 s. 1 C92</p>	<ul style="list-style-type: none"> • Are the external bulkheads of sleeping rooms and mess rooms insulated? • Are all machinery casings and all boundary bulkheads of galleys and other spaces in which heat is produced insulated in case of resulting heat effects in adjoining accommodation or passageways? • Are measures taken to provide protection from heat effects of steam and/or hot-water service pipes? • Are internal bulkheads made of approved material, which is not likely to harbour vermin? • Do main steam and exhaust pipes for winches or similar gear pass through CA? (Not permitted) Do main stream and exhaust pipes for winches or similar gear pass through alley-ways leading to CA (if technically possible). If the pipes pass through the alley-ways, are they adequately insulated and encased • Is inside panelling and sheeting made of approved material with a surface easily kept clean? • Is tongued or grooved or other form construction, which is likely to harbour vermin used? • Are the wall surface and deckheads in sleeping and mess rooms of light colour, if painted? Can they easily be kept clean? Is lime wash used? (Not permitted) • Are the wall surfaces restored and renewed as necessary ? • Are the decks in CA made of approved material and construction? Do they provide a surface impervious to damp and easily to be kept clean? • Are the joinings with sides rounded to avoid crevices where floorings are made of composite material? • Is a sufficient drainage system in place? 	<p>Art. 6 s. 3 C92</p> <p>Art. 6 s. 3 C92</p> <p>Art. 6 s. 3 C92</p> <p>Art. 6 s. 4 C92</p> <p>Art. 6 s. 6 C92</p> <p>Art. 6 s. 7 C92</p> <p>Art. 6 s. 7 C92</p> <p>Art. 6 s. 9 C92</p> <p>Art.6 s.10 C92</p> <p>Art.6 s.11 C92</p> <p>Art. 6 s.12 C92</p> <p>Art.6 s.13 C92</p>	

Requirements for Crew Accommodation according MLC, 2006 Comparisons between MLC Convention and former ILO conventions C133 and C 92	Reference MLC	Requirements C133 C92	Reference C133 C92
Noise and vibration and exposure to other ambient factors and chemicals prevention			
Do the accommodation, recreation and catering facilities meet the requirements of Reg. 4.3 and relevant parts of the Code on prevention of exposure to excessive levels of noise and vibration?	A. 4.3 B4.3	No requirement exist	
Are the facilities located as far as practicable from the engines, steering gear rooms, deck winches, ventilation, heating and air-conditioning equipment and other noisy machinery / devices?	B3.1.12.1	No requirement exist	
Are the facilities exposed to excessive vibration?	B3.1.12.5	No requirement exist	
Have acoustic insulation or other appropriate sound-absorbing materials been used in construction and finishing of bulkheads, deckheads and decks within the sound-producing spaces and self-closing noise-isolating doors for machinery spaces?	B3.2.12.2	No requirement exist	
Are engine rooms and other machinery spaces provided with sound-proof centralised control rooms for engine personnel? Are working spaces insulated from the general engine-room noise, as far as practicable?	B3.1.12.3	No requirement exist	
Is a copy of applicable instruments (the ILO guidelines - ILO Code of Practice 'Ambient factors in the workplace, 2001' etc.) carried on board a ship and is it accessible to seafarers in English or the working language of the ship?	B3.12.4	No requirement exist	
Is separate or a common ship's office provided for use by deck and engine departments on the ship (Exemption applies to the ships of <3,000 GRT)	A3.1.15	No requirement exist	
Requirement for Sleeping Rooms			
General: give due consideration to the guidance contained in Part B of this code			
The Floor area of all Sleeping Rooms is to be in accordance with the sizes in Table 1 . The adequate headroom is 203 cm	A 3.1 See table 1	198cm	Article 10 C133

Requirements for Crew Accommodation according MLC, 2006 Comparisons between MLC Convention and former ILO conventions C133 and C 92	Reference MLC	Requirements C133 C92	Reference C133 C92
Sleeping Rooms shall be located above the load line. (Exemptions may apply for passenger vessels and SPS ships and any ship <3000GRT see DMLC Part 1.).	A3.1.6c	Same requirement	Article 10 C92
Sleeping Rooms shall be located amidships or aft. (Exemptions may apply refer to DMLC Part I)	A3.1.6d	Same requirement	Article 10 C92
Sleeping Rooms shall be located amidships or aft. (Exemptions may apply refer to DMLC Part I)	A3.1.6c	Same requirement	Article 10 C92
If the DMLC Part I permit sleeping rooms forward of mid-ships then in no case forward of the collision bulkhead.	A3.1.6c	Same requirement	Article 10 C92
No direct openings between cargo, machinery spaces, galleys, storerooms, drying rooms or communal sanitary areas to any of the sleeping rooms.	A3.1.6e	Same requirement	Article 6 C92
On vessels (excluding passenger vessels) >3000GRT individual sleeping rooms to be provided for each seafarer. (Definition of "seafarer " to be found in DMLC part I & exemptions may apply to SPS vessels).	A3.1.9a	No requirement exist	
On vessels > 3000 gt per each rating a sleeping room is required	A3.1.9.g	See table 1	
On vessels <3000GRT a maximum of 2 seafarers per sleeping room are permitted.	A3.1.9h	See table 1	
Sleeping rooms shall have a private bathroom, including a toilet. (Limitations may apply according to factors such as the ship size, its trade and layout).	A3.1.9a	15,000gt and more, same requirement	Article 8 C133
	A3.1.9.g	between 5000gt and 15000gt for 5 Officer together one bathroom is required	
	A3.1.9h	up 25000gt for every two ratings a bathroom is required	

Requirements for Crew Accommodation according MLC, 2006 Comparisons between MLC Convention and former ILO conventions C133 and C 92		Reference MLC	Requirements C133 C92	Reference C133 C92
Berth				
Berths to be provided with a mattress with cushioning bottom or a combined cushioning mattress, including a spring bottom or a spring mattress. Mattress and cushioning material shall be made of approved material. Berth = 198x80cm				
Is a separate berth provided for each seafarer?		B3.1.5.11	Same requirement	C133
Are the berths arranged in tiers of no more than 2?		A3.1.9d	No requirement exist	
Are the berths arranged in single tier where the sidelight is situated above a berth and when the berths are places along the ship's side?		B3.1.5.7		
Double tier. Is the lower berth located not less than 30cm above the floor AND is the upper berth placed about midway between the bottom of the lower berth and the lower side of the deckhead beams?		B3.1.5.8		
Are the framework and the lee-board, if any, made of approved material, hard, smooth and not likely to corrode or harbour vermin?		B3.1.5.9		
Are tubular frames (if used for construction) completely sealed and without perforations, which would give access to vermin?		B3.1.5.10		
Does each berth have a mattress with cushioning bottom or a combined cushioning mattress, including a spring bottom or a spring mattress, made of approved material?		B3.1.5.11		
Is stuffing made of material, which is likely to harbour vermin? (Not permitted)		B3.1.5.11		
Is a dust-proof bottom fitted beneath the bottom mattress or spring bottom of the upper berth in a double tier?		B3.1.5.12		
Sleeping rooms shall be adequately ventilated and insulated.		A3.1.7a	Same requirement	Article 11 C133 Article. 6 s. 3 C92
Sleeping rooms shall be lit by natural light and provided with adequate artificial light in accordance with relevant national standards (Special arrangements may be set for passenger ships See DMLC Part I for details). Electrical reading lamp at the head of each berth		A3.1.8 B 3.1.4.2	Same requirement	Article 11 C133
Sleeping rooms are to be provided with a mirror, small cabinets for toilet requisites, a book rack, a sufficient number of coat hooks, an electric reading light at the head of each berth and curtains or the equivalent for the side-lights. Cloth locker 475 liter, drawer = 56 liter and if the drawer is incorporated in the locker = 500 liter		B.3.1.4.2 B3.1.5.14 B.3.1.5.15	Same requirement	Article 11 C133
Is the locker fitted with the shelf and the lock?		A3.1.9n	No requirement exist	
Does each SR have a table / desk (fixed; drop-leaf; slide-out types) and a comfortable seating accommodation?		A3.1.9o	No requirement	

<p align="center">Requirements for Crew Accommodation according MLC, 2006 Comparisons between MLC Convention and former ILO conventions C133 and C 92</p>	Reference MLC	Requirements C133 C92	Reference C133 C92
Is the furniture made of smooth, hard material not liable to warp or corrode?	B3.1.5.13	exist	
Do SRs have a mirror, a small cabinets for toilet requisites, a book rack and a sufficient number of coat hooks?	B3.1.5.15		
Do SRs have curtains / equivalent for the sidelights?	B3.1.5.14		
The furniture provided in sleeping rooms is to be made of smooth hard material not liable to warp of corrode.	B3.1.5.13	Same requirement	
<p align="center">Requirement for Mess and Sanitary Rooms</p>			
The floor area of Mess Rooms shall satisfy the requirement of 1.5m ² per person of the planned seating capacity (LR Guidance is 75% capacity of total seafarers on board).	B3.1.6.3	1m ²	
Mess Rooms shall be located as close as possible to the galley and apart from Sleeping rooms. (Exemption may apply to ships of less than 3,000 GRT see . DMLC Part I for details).	A3.1.10a	Same requirement	
All sleeping, s.o. and mess rooms shall be lit by natural light. Exemption for passenger vessel	A.3.1.8	Same requirement	Article 10 C92
1 toilet + 1 wash basin + bath tube or shower per every 6 persons	A 3.1.11c	Same requirement	Article 8 C133
Each sleeping room shall be provides with 1 wash basin with hot and cold running fresh water, except where such basin is situated in the private bathroom Exemption for passenger vessel and vessel below 200 gt	A 3.1.11d	Same requirement	Article 8 C133
General exemption for passenger vessel engaged on voyages of not more than four hours' duration. Regulated by the competent authority	A 3.1.11e		
Hot and cold running fresh water shall be provided in all wash places	A 3.1.11f		
Sanitary facilities in vicinity of navigation bridge and engine control room	A 3.1.11b	Same requirement	Article 9 C133
Do MRs have tables and appropriate seats - fixed or movable depending on the number of seafarers using it and type of the MRs?	B3.1.6.4	No requirement exist	
lockers for mess utensils and proper facilities for washing utensils - if pantries are not accessible to MRs	B3.1.6.6		
a refrigerator - convenient location and capacity	B3.1.6.5a		
Are the tops of tables and seats made of damp-resistant material?	B3.1.6.7		
Does SA provide minimum standards of health and hygiene and reasonable comfort?	A3.1.11a		

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Is SA sufficiently lit, heated and ventilated?		B3.1.7.3c	No requirement exist	
Are appropriately situated and furnished laundry facilities available?		A3.1.13		
Are floors made of approved durable material, impervious to damp and properly drained?		B3.1.7.3a	Same requirement	Art.13, s.11 (a) C92
Are bulkheads made of steel / other approved material? Are they watertight up to at least 23cm above the level of the deck?		B3.1.7.3b	Same requirement	Art.13, s.11 (b) C92
Are the toilets located close to but separate from SRs? (Exemption applies when a toilet is located in compartment between 2 SRs with a total of not more than 4 persons)				Art.13, s.11 (d) C92
Is there direct access from the SRs or from a passage between SRs and toilets to which there is no other access? (Exemption applies when a toilet is located in compartment between 2 SRs with a total of not more than 4 persons)				Art.13, s.11 (d) C92
Are toilets (if more than one toilet in compartment) sufficiently screened for privacy?				Art.13, s.11 (e) C92
Are soil pipes and waste pipes of adequate dimensions and constructed as to minimise the risk of obstruction and facilitate cleaning?				Art.13 s.10 C92
Hospital accommodation				
1 hospital is required if 15 seafarer and more on board for more than 3 days voyage Exemption for ships engaged in coastal trade Easy access to the hospital in all weathers.		A 3.1.12	Same requirement	Article 14 C92
Are the arrangement of the entrance, berths, lighting, ventilation, heating and water supply designed in such a way as to ensure comfort and facilitate the occupants' treatment?		A 3.1.12	Same requirement	Article 14 C92
Is the number of berths in HA in accordance with prescribed standard?		B3.1.8.1.	No requirement exist	
Is SA either a part of HA or in close proximity thereto?		A3.1.12		
Is SA used exclusively by the occupants of HA?		B3.1.8.2		
Does SA for HA satisfy the minimum requirement of 1 toilet, 1 wash basin, 1 tub/shower?		B3.1.8.3		
		B3.1.8.4		

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Reference	Requirements	Reference	Reference
MLC	C133 C92	MLC	C133 C92
Is an approved medical chest with readily understandable instructions carried in every ship where doctor is not provided?	No requirement exist	B3.1.8.4	
Offices			
Separate offices or 1 common deck office and 1 common engine office. Exemption for vessels below 300gt	No requirement exist	A3.1.15	
Miscellaneous			
Are frequent inspections, which are recorded and available for review, carried out on board ship by or under the authority of the master as regards to cleanliness, decent living conditions, maintenance in a good state of repair of the accommodation?	No requirement exist	A3.1.18	
Are ships trading to mosquito-infested ports are fitted with appropriate devices as required by the competent authority?		A.3.1.16	
Ships regularly trading to mosquito – infested ports shall be fitted with appropriate devices as required by competent authority	Same requirement	A 3.1.16	Article 15 C92
All ships have a space on open deck to which the seafarer can have access when off duty.	Same requirement	A 3.1.14	Article 12 C92
Appropriately situated laundry, ironing and drying facilities Exemption for ships below 200gt	Same requirement	A 3.1.13	Article 8 C133
Are bedding and utensils supplied by the shipowner for use by the seafarers on board during service on the ship?	No requirement exist	B3.1.10.1a	
Is bedding of a good quality? Are utensils made of approved material, which can be easily cleaned?		B3.1.10.1b	
Are towels, soap and toilet paper provided for all seafarers by the shipowner?		B3.1.10.1c	

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Recreation Facilities			
Recreational facilities, amenities and services shall be provided for the seafarer on board ship. (See DMLC Part 1 for details).	A3.1.17 B3.1.11.4 B31.11.3	Ships of 8000gt and more shall be provided with a smoking or library room	Article 7 C133
Recreation room arrangements are regulated in Part B 3. 1.11	B3.1.11.4a	No requirement exist	
A smoking room	B3.1.11.4b		
Television viewing and the reception of radio broadcasts	B3.1.11.4c		
Films showing - durable stock of collection, and, when necessary, changeable at reasonable intervals	B3.1.11.4d		
Sports equipment, table games and deck games	B3.1.11.4e		
Facilities for swimming (where possible)	B3.1.11.4f		
A library - durable stock of collection, and, when necessary, changeable at reasonable intervals	B3.1.11.4g		
Facilities for recreational handicrafts	B3.1.11.4h		
Electronic equipment: radio, TV, video, recorders, DVD/CD players, personal computer and software, cassette recorder / player	B3.1.11.4i		
The provision of bars on board where appropriate and is not contrary to national, religious or social customs	B3.1.11.4j		
Access to ship-to-shore telephone communications, email and Internet facilities, where available. Are charges for their use reasonable in amount?	B3.1.9a/b	Only for ships required 1600gt and more	Article 9 C133
Separate facilities for engine department personnel to change their clothes shall be provided as follows: Such facilities shall be located outside the machinery space and with easy access to it. Such facilities shall be fitted with individual clothes lockers, tubs or showers or both, and washbasins having hot and cold running fresh water.			
Ventilation and heating			
Is a ship equipped with air conditioning for seafarer accommodation, any separate room and any centralised machinery control room (Exemption applies for ships engaged in trade where temperate climatic conditions do not require this and vessels below 200gt)	A.3.1.7b	No requirement exist	
Maintaining the air at a satisfactory temperature and relative humidity	B3.1.2.2a		
Ensuring a sufficiency of air changes	B3.1.2.2a		
Taking account of particular characteristics of operations at sea and not producing excessive noise / vibrations	B3.1.2.2a		
Does this system facilitate cleaning and disinfection in order to prevent / control the spread of disease?	B3.1.2.2a		
Is power for operation of the systems and other aids to ventilation available at all times when required?	B3.1.2.2b		

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All sanitary spaces shall have ventilation to the open air	A3.1.7.c	Same requirement	Article 13 C92
Heating			
Is an appropriate heating provided on board a ship, which is in operation at all times when required (Exemption applies to ships engaged in exclusively tropical climates)?	A 3.1.7d B3.1.3.1	No requirement exist	
Does the system maintain the temperature in accommodation at satisfactory level?	B3.1.3.2		
Is steam used for heat transmission within the accommodation area? (Not permitted)	B3.1.3.2		
Are the radiators and other heating devices placed and shielded (if necessary) to avoid risk of fire / danger / discomfort?	B3.1.3.3		
Lighting			
Is proper lighting and sufficient drainage provided on board a ship?	A3.1.6g		
Is electric lighting provided in the seafarer accommodation?	B3.1.4.1		
Is additional lighting, if required, provided by properly constructed lamps or lighting apparatus for emergency use?	B3.1.4.1		
Is natural and artificial lighting in accordance with suitable standards as set out by the competent authority?	B3.1.4.3		

Table 1 Sleeping Room Size (MLC requirements in black, C133/C92 requirements = valid until the MLC comes into force in blue)

Vessel Type	Max No of Seafarers	Area (m2) C133/C92 only applying from 1000gt and upwards	Reference
Single Berth Sleeping Rooms			
Ships < 3000GRT (exemptions may apply see DMLC Part 1)	1	4.5	A3.1.9f / C133 article 5a
Ships of 3000GRT and less than 10000GRT	1	5.5	A3.1.9f.ii / C133 article 5b
Ships of 1000GRT and above	1	7	A3.1.9f.iii / C133 article 5c
Officer Sleeping Rooms			
Cargo Ships officers < 3000GRT where no separate sitting or day room is provided	1	7.5 /6,5	A3.1.9.k
Cargo Ships of 3000GRT and over and less than 10000GRT Officer sleeping room where no separate sitting or day room is provided	1	8.5 /7,5	A3.1.9.k
Cargo Ships of 1000GRT and above where no separate sitting or day room is provided	1	10 /7,5 min.	A3.1.9.k
Passenger and SPS Junior Officers (where no day room is provided)	1	7.5	A3.1.9l
Passenger and SPS Senior Officers (where no day room is provided)	1	8.5	A3.1.9l
The Master, the Chief Engineer and the Chief navigating officer shall have an adjoining sitting room , day room or an equivalent in addition to their SR. (An exemption may apply to ships of less than 3,000 GRT see DMLC Part I) Consideration should be given to exceed this requirement on the II engineer , see Part B	1 / same requirement		A3.1.9.m B3.1.5.5
Non Single Berth Sleeping Rooms(Cargo Ships)			

Ships < 3000GRT (exemptions may apply see DMLC Part 1)	2	7 / 5,5	A3.1.9h
Non Single Berth Sleeping Rooms(Passenger & SPS Ships)			
Passenger and SPS Non-Officers	2	7.5 /6	A3.1.9i.i
Passenger and SPS Non-Officers	3	11.5 /9	A3.1.9i.ii
Passenger and SPS Non-Officers	4	14.5 /12	A3.1.9i.iii
SPS Vessels only	>4	3.6 per person	A3.1.9J
NOTE (Applicable to all Sleeping rooms)			
Space occupied by berths and lockers, chests of drawers and seats should 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 should be excluded.			B3.1.5.6