total area of the vents in square inches and A is the product in square feet of
the vessel’s design waterline length
times its maximum beam.

LIVING SPACES

§ 169.317 Accommodations.
(a) Quarters must have sufficient
fresh air, light and heat. Quarters must
not be located forward of the collision
bulkhead or farther forward in the ves-
sel than a vertical plane located at 5
percent of the vessel’s loadline length
abaft the forward side of the stem. The
space must not be located totally
below the deepest load waterline.
(b) Bulkheads separating accom-
modations from machinery spaces, paint
lockers, store rooms, washrooms, and
toilet facilities are to be odorproof.
(c) All quarters are to be properly
drained, odorproof and protected from
heat and noise.
(d) Each person on board must have a
separate berth which is of sufficient
size and generally clear of all pipes,
ventilation ducts and other installa-
tions.
(e) Each bunk must be constructed of
wood, fiberglass or metal. If fitted with
a mattress, the mattress must be cov-
ered with material which has been
treated to give it fire resistant prop-
erties and which will provide the mat-
tress with a reasonably smooth sur-
face. There must be a minimum
vertical distance between bunks of 24
inches.
(f) A means of access must be pro-
vided for each berthing arrangement
where the upper berth is more than 60
inches above the deck.
(g) The construction and arrange-
ment must allow free and unobstructed
access to each berth. Each berth must
be immediately adjacent to an aisle
leading to a means of escape from the
living area.
(h) A properly arranged hammock
may be used as a berth.

§ 169.319 Washrooms and toilets.
(a) Sailing school vessels must have
one toilet and one washbasin for every
20 persons. Each toilet and washbasin
must have adequate plumbing.
(b) Each washroom and toilet room
must properly drain and the scupper to
the washroom must be of sufficient size
and situated in the lowest part of the
space.
(c) Each sailing school vessel must
meet the applicable requirements of
Title 33, Code of Federal Regulations,
part 159.

§ 169.323 Furniture and furnishings.
Each sailing school vessel certifi-
cated to carry 100 persons or less or
having overnight accommodations for
less than 50 persons must meet the fol-
lowing requirements:
(a) Except as provided by paragraph
(b) of this section, all free-standing fur-
niture must be constructed of non-
combustible material. Upholstery and
padding used in furniture must be of
fire resistant materials.
(b) Existing solid wooden furniture
may be retained on existing vessels.
(c) Draperies must be fabricated of
fire resistant fabrics.
(d) Rugs and carpets must be of wool
or other material having equivalent
fire resistant qualities.
(e) Trash receptacles must be con-
structed of non-combustible materials
with solid sides and bottoms and have
solid noncombustible covers.

RAILS AND GUARDS

§ 169.327 Deck rails.
(a) All rails or lifelines must be at
least 30 inches high and permanently
supported by stanchions at intervals of
not more than 7 feet. Stanchions must
be through bolted or welded to the
deck.
(b) Rails or lifelines must consist of
evenly spaced courses. The spacing be-
tween courses must not be greater than
12 inches. The opening below the lowest
course must not be more than 9 inches.
Lower rail courses are not required
where all or part of the space below the
upper rail is fitted with a bulwark,
chain link fencing, wire mesh, or an
equivalent.
(c) Small vessels of the open type and
vessels of unusual construction must
have rails or equivalent protection as
considered necessary by the Officer in
Charge, Marine Inspection.