

ECLA**EUROPEAN CLASSIFICATION****B63G**

**OFFENSIVE OR DEFENSIVE ARRANGEMENTS ON VESSELS;
MINE-LAYING; MINE-SWEEPING; SUBMARINES; AIRCRAFT
CARRIERS (means of attack or defence in general e.g. turrets F41H)**

[N: **Note** [M1207]

In this subclass, the indexing codes [L63B201/00](#) to [L63B241/00](#) are to be used for relevant technical information concerning particular or unusual use, materials, design, methods or means.

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B63G1/00

Arrangements of guns or missile launchers; Vessels characterised thereby
(submarines [B63G8/00](#); guns, missile launchers F41)

B63G3/00

Arrangements of ammunition stores or handlers (specially for submarines [B63G8/00](#); feeding ammunition missiles or projectiles to guns in general [F41A9/00](#)); **Vessels characterised thereby** (general cargo aspects B63B)

B63G3/02

- . for torpedoes

B63G3/04

- . for missiles

B63G3/06

- . for mines or depth charges

B63G5/00

Vessels characterised by adaptation to torpedo launching (submarines [B63G8/00](#); torpedo launching per se [F41F](#))

B63G6/00

Laying of mines or depth charges; Vessels characterised thereby (arrangements on submarines for mine laying [B63G8/33](#))

B63G7/00

Mine-sweeping; Vessels characterised thereby

B63G7/02

- . Mine-sweeping means, Means for destroying mines

B63G7/04

- . . by means of cables

B63G7/06

- . . of electromagnetic type

B63G7/08

- . . of acoustic type

B63G8/00

Underwater vessels, e.g. submarines; [N: Equipment specially adapted therefor] (submarine hulls [B63B3/13](#); diving chambers with mechanical link, e.g. cable, to a base [B63C11/34](#); divers' sleds [B63C11/46](#); torpedoes [F42B19/00](#)) [M1207]

B63G8/00B

- . [N: Underwater vessels adapted for special purposes, e.g. unmanned, underwater vessels; Equipment specially adapted therefor, e.g. docking stations (self-propelled or direction controlled diving chambers with mechanical link to a base [B63C11/42](#))] [C1207]

[N: **WARNING** [N1207]

[B63G8/00](#) B is not complete pending a reclassification; see also group [B63C11/42](#)]

- B63G8/04 . Superstructure
- B63G8/06 . . Conning-towers
- B63G8/08 . Propulsion ([N: [schnorkels B63G8/36](#); marine propulsion or steering in general [B63H](#);
nuclear propulsion [B63H21/18](#); propulsion power plants or units per se [N: F01 to
F04]; submerged exhausting apparatus [F01N13/12](#)) [C1108]
- B63G8/10 . . using steam plant
- B63G8/12 . . using internal-combustion engines
- B63G8/14 . Control of attitude or depth ([of torpedoes F42B19/00](#))
- B63G8/16 . . by direct use of propellers or jets
- B63G8/18 . . by hydrofoils [M1108]
- B63G8/20 . . Steering equipment ([B63G8/16](#), [B63G8/18](#) take precedence; steering of vessels in
general [B63H25/00](#)) [M1108]
- B63G8/22 . . Adjustment of buoyancy by water ballasting; Emptying equipment for ballast tanks
([N: [conduits for emptying or ballasting on vessels in general B63B13/00](#);
[stabilising vessels using ballast tanks B63B43/06](#)] [M1108]
- B63G8/24 . . Automatic depth adjustment; Safety equipment for increasing buoyancy, e.g.
detachable ballast, floating bodies
- B63G8/26 . . Trimming equipment
- B63G8/28 . Arrangement of offensive or defensive equipment
- B63G8/30 . . of artillery or missile launching means
- B63G8/32 . . of torpedo-launching means ([torpedo-launching means per se F41F3/00](#)); of
torpedo stores or handlers
- B63G8/33 . . of mine-laying means ([mine laying vessels other than submarines B63G6/00](#))
- B63G8/34 . . Camouflage ([for other vessels B63G13/02](#); in general [F41H3/00](#)) [M1108]
- B63G8/36 . Adaptations of ventilation, [e.g. [schnorkels](#),] cooling, heating, or air-conditioning
([reconditioning air in sealed chambers A62B11/00](#); for vessels in general [B63J2/00](#);
[air-conditioning in general F24F](#)) [M1108]
- B63G8/38 . Arrangement of visual or electronic watch equipment, e.g. of periscopes, of radar [N:
([periscopes, optical aiming or sighting devices per se G02B23/00](#)) [C1004]
- B63G8/39 . Arrangement of sonic watch equipment, e.g. low-frequency, sonar
- B63G8/40 . Rescue equipment for personnel ([life-saving in water, not specially adapted for
submarine personnel B63C](#))
- B63G8/41 . . Capsules, chambers, water-tight boats or the like, detachable from the submarine
- B63G8/42 . Towed underwater vessels
- B63G9/00 Other offensive or defensive arrangements on vessels against submarines,
topedoes, or mines**

- B63G9/02
 - Means for protecting vessels against torpedo attack ([armoured hulls B63B3/10](#))
- B63G9/04
 - . Nets or the like ([net barriers for harbour defence F41H11/00](#))
- B63G9/06
 - for degaussing vessels ([demagnetising in general H01F13/00](#))
- B63G11/00** **Aircraft carriers** ([other vessels or floating structures for aircraft B63B35/50](#); launching or arresting gear for aircraft [B64F](#))
- B63G13/00** **Other offensive or defensive arrangements on vessels; Vessels characterised thereby**
- B63G13/02
 - Camouflage ([for submarines B63G8/34](#))