SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B63 SHIPS OR OTHER WATERBORNE VESSELS; RELATED EQUIPMENT

B63C LAUNCHING, HAULING-OUT, OR DRY-DOCKING OF VESSELS; LIFE-SAVING IN WATER; EQUIPMENT FOR DWELLING OR WORKING UNDER WATER; MEANS FOR SALVAGING OR SEARCHING FOR UNDERWATER OBJECTS (floating nets, floating slipways, or the like for recovering aircraft from the water B63B 35/52)

Subclass index

LANDING, LAUNCHING
Dry-docking; storing on land; launching or hauling-out....1/00, 15/00, 3/00
Transporting overland....13/00
Slipway and dry-dock equipment....5/00
SALVAGE, SEARCHING UNDER WATER; LIFE-SAVING....7/00, 11/00, 9/00
WORKING UNDER WATER....11/00

1/00 **Dry-docking of vessels or flying-boats** (storing of vessels on land otherwise than by dry-docking B63C 15/00; mooring of vessels B63B 21/00; hydraulic-engineering aspects E02B)

1/02 • Floating dry-docks (ship transporters with adjustable draught B63B 35/42)

1/04 • • self-docking

1/06 • • Arrangements of pumping or filling equipment for raising or lowering docks

1/08 • Dry docks (locks E02C 1/00) **[2]**

1/10 • Centring devices

1/12 • Docks adapted for special vessels, e.g. submarines

3/00 **Launching or hauling-out, e.g. by landborne slipways; Slipways** (ship-borne guides for handling lifeboats or the like B63B 23/30; cranes, winches, or the like B66; ship-lifting for adapting to different water levels E02C)

3/02 • by longitudinal movement of vessel

3/04 • by sideways movement of vessel

3/06 • by vertical movement of vessel, e.g. by crane

3/08 • Tracks on slipways

3/10 • using releasing devices

3/12 • using cradles (vehicles in general for transporting boats or the like B60P)

3/14 • using braking means

5/00 **Equipment usable both on slipways and in dry docks**

5/02 • Stagings; Scaffolding; Shores or struts

5/04 • • Bilge or keel blocks

7/00 **Salvaging of disabled, stranded, or sunken vessels; Salvaging of vessel parts or furnishings, e.g. of safes; Salvaging of other underwater objects** (means for searching for underwater objects B63C 11/48)

7/02 • in which the lifting is done by hauling

7/04 • • using pontoons or the like

7/06 • in which lifting action is generated in, or adjacent to, vessels or objects

7/08 • • using rigid floats

7/10 • • using inflatable floats external to vessels or objects

7/12 • • by bringing air or floating bodies or material into vessels or objects

7/14 • using freezing for closing holes or for strengthening the vessel or the like

7/16 • Apparatus engaging vessels or objects

7/18 • • using nets

7/20 • • using grabs

7/22 • • using electromagnets or suction devices

7/24 • Apparatus for passing chains or the like under vessels or objects

7/26 • Means for indicating the location of underwater objects, e.g. sunken vessels (means for searching for underwater objects B63C 11/48; buoys in general B63B 22/00)

7/28 • Refloating stranded vessels

7/30 • Floatable safes (safes in general E05G)

9/00 **Life-saving in water** (life-saving in general A62B; arrangement or adaptation of signalling or lighting devices for ships, other waterborne vessels or for equipment for shipping B63B 45/00; rescue equipment specially adapted for submarine personnel B63G 8/40)

9/01 • Air-sea rescue devices, i.e. equipment carried by, and capable of being dropped from, an aircraft (inflatable vessels B63B 7/00; inflatable buoys B63B 22/22) **[5]**

9/02 • Lifeboats, life-rafts or the like, specially adapted for life-saving (B63C 9/01 takes precedence; floatable furniture B63C 9/30; boats in general B63B; inflatable vessels B63B 7/00; equipment for handling lifeboats or the like B63B 23/00; rafts B63B 35/58) **[4, 5]**

9/03 • • enclosed **[5]**

9/04 • • Life-rafts

9/05 • Shark screens, e.g. buoyant means combined with means to surround or otherwise enclose the user (B63C 9/06 takes precedence) **[5]**

9/06 • Floatable closed containers with accommodation for one or more persons inside (B63C 9/01 takes precedence) **[5]**

9/08 • Life-buoys, e.g. rings; Life-belts, jackets, suits, or the like (B63C 9/01 takes precedence; equipment for swimming A63B, e.g. swimming aids A63B 31/00) **[5]**
9/087 • • Body suits, i.e. substantially covering the user's body (diving suits B63C 11/04, B63C 11/10) **[5]**
9/093 • • • using solid buoyant material **[5]**
9/105 • • • having gas-filled compartments (connection of valves to inflatable elastic bodies B60C 29/00) **[5]**
9/11 • • covering the torso, e.g. harnesses **[5]**
9/115 • • • using solid buoyant material **[5]**
9/125 • • • having gas-filled compartments (connection of valves to inflatable elastic bodies B60C 29/00) **[5]**
9/13 • • attachable to a body member, e.g. arm, neck, head or waist **[5]**
9/135 • • • using solid buoyant material **[5]**
9/15 • • • having gas-filled compartments (connection of valves to inflatable elastic bodies B60C 29/00) **[5]**
9/18 • • Inflatable equipment characterised by the gas-generating device **[5]**
9/19 • • • Arrangements for puncturing gas-generating cartridges **[5]**
9/20 • • characterised by signalling means, e.g. lights (arrangement or adaptation of signalling or lighting devices for ships or other waterborne vessels B63B 45/00)
9/22 • Devices for holding or launching life-buoys, inflatable life-rafts, or other floatable life-saving equipment (equipment for handling life-boats or the like B63B 23/00)
9/23 • • Containers for inflatable life-saving equipment **[5]**
9/26 • Cast or life lines; Attachments thereto; Containers therefor (adaptations of aerial cableways to shipboard use B63B 27/18; guns for line-throwing F41F; line-carrying missiles F42B 12/68)
9/28 • Adaptations of vessel parts or furnishings to life-saving purposes
9/30 • • Floatable furniture
9/32 • Equipment adapted to use on ice

11/00 Equipment for dwelling or working under water; Means for searching for underwater objects (composition of chemical substances for use in breathing apparatus A62D 9/00; swimming aids or equipment A63B 31/00-A63B 35/00; submarines B63G 8/00)
11/02 • Divers' equipment
11/04 • • Resilient suits
11/06 • • • with rigid helmet
11/08 • • • Control of air pressure within suit, e.g. for controlling buoyancy
11/10 • • Rigid suits
11/12 • • Diving masks
11/14 • • • with forced air supply
11/16 • • • with air supply by suction from diver, e.g. snorkels
11/18 • • Air supply (for diving masks B63C 11/14, B63C 11/16; respiratory apparatus in general A62B)
11/20 • • • from water surface
11/22 • • • carried by diver
11/24 • • • • in closed circulation
11/26 • • Communication means (electric communication in general H04)
11/28 • • Heating, e.g. of divers' suits, of breathing air
11/30 • • Ballast
11/32 • • Decompression arrangements; Exercise equipment
11/34 • Diving chambers with mechanical link, e.g. cable, to a base (manipulators B25J; diving chambers without mechanical link to a base B63G 8/00; caissons adapted to laying foundations E02D 23/00-E02D 27/00)
11/36 • • of closed type
11/38 • • • with entrance above water surface
11/40 • • • adapted to specific work
11/42 • • • with independent propulsion or directional control
11/44 • • of open type, e.g. diving-bells
11/46 • Divers' sleds or like craft, i.e. craft on which man in diving-suit rides
11/48 • Means for searching for underwater objects (means for indicating the location of sunken objects B63C 7/26; locating by use of the reflection or reradiation of radio or other waves G01S)
11/49 • • Floating structures with underwater viewing devices, e.g. with windows **[5]**
11/50 • • using grapnels
11/52 • Tools specially adapted for working underwater, not otherwise provided for **[3]**

13/00 Equipment forming part of, or attachable to, vessels, facilitating transport over land (harnesses attachable to vessels for personal carrying A45F; amphibious craft, land vehicles convertible for use on water B60F; land vehicles for carrying boats B60P)

15/00 Storing of vessels on land otherwise than by dry-docking