

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)

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

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- 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 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]

B63C

- 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 (swimming helmets, swimming goggles A63B 33/00)
 - 11/14 . . . with forced air supply
 - 11/16 . . . with air supply by suction from diver, e.g. schnorkels
 - 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**