

## SECTION B — PERFORMING OPERATIONS; TRANSPORTING

### B63 SHIPS OR OTHER WATERBORNE VESSELS; RELATED EQUIPMENT

**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)

#### Subclass index

#### OFFENSIVE OR DEFENSIVE INSTALLATIONS OR ARRANGEMENTS

Guns, missile launchers.....	1/00
Launching torpedoes; defence against torpedoes.....	5/00, 9/00
Defence or attack against sub- marines, by depth charges or otherwise.....	6/00, 9/00
Mines: laying; sweeping; other defence.....	6/00, 7/00, 9/00
Other defensive or offensive arrangements.....	13/00
Ammunition handling or storing.....	3/00
SUBMARINES; AIRCRAFT CARRIERS.....	8/00, 11/00

<b>1/00 Arrangements of guns or missile launchers; Vessels characterised thereby</b> (submarines B63G 8/00; guns, missile launchers F41)	8/16	• • by direct use of propellers or jets
	8/18	• • by hydroplanes
	8/20	• • Steering equipment (B63G 8/16, B63G 8/18 take precedence; steering of vessels in general B63H 25/00) [2]
<b>3/00 Arrangements of ammunition stores or handlers</b> (specially for submarines B63G 8/00; feeding ammunition missiles or projectiles to guns in general F41A 9/00); <b>Vessels characterised thereby</b> (general cargo aspects B63B)	8/22	• • Adjustment of buoyancy by water ballasting; Emptying equipment for ballast tanks (stabilising vessels using ballast tanks B63B 43/06)
3/02 • for torpedoes	8/24	• • Automatic depth adjustment; Safety equipment for increasing buoyancy, e.g. detachable ballast, floating bodies
3/04 • for missiles	8/26	• • Trimming equipment
3/06 • for mines or depth charges	8/28	• Arrangement of offensive or defensive equipment
<b>5/00 Vessels characterised by adaptation to torpedo-launching</b> (submarines B63G 8/00; torpedo-launching <u>per se</u> F41F 3/00)	8/30	• • of artillery or missile-launching means
	8/32	• • of torpedo-launching means (torpedo-launching means <u>per se</u> F41F 3/00); of torpedo stores or handlers [2]
<b>6/00 Laying of mines or depth charges; Vessels characterised thereby</b> (arrangements on submarines for mine-laying B63G 8/33) [2]	8/33	• • of mine-laying means (mine-laying vessels other than submarines B63G 6/00) [2]
	8/34	• • Camouflage (for other vessels B63G 13/02; in general F41H 3/00)
<b>7/00 Mine-sweeping; Vessels characterised thereby</b>	8/36	• Adaptations of ventilation, cooling, heating, or air-conditioning (reconditioning air in sealed chambers A62B 11/00; for vessels in general B63J 2/00; air-conditioning in general F24F)
7/02 • Mine-sweeping means; Means for destroying mines	8/38	• Arrangement of visual or electronic watch equipment, e.g. of periscopes, of radar
7/04 • • by means of cables	8/39	• Arrangements of sonic watch equipment, e.g. low-frequency, sonar
7/06 • • of electromagnetic type	8/40	• Rescue equipment for personnel (life-saving in water, not specially adapted for submarine personnel B63C)
7/08 • • of acoustic type	8/41	• • Capsules, chambers, water-tight boats, or the like, detachable from the submarine [2]
<b>8/00 Underwater vessels, e.g. submarines</b> (submarine hulls B63B 3/13; diving chambers with mechanical link, e.g. cable, to a base B63C 11/34; divers' sleds B63C 11/46; torpedoes F42B 19/00)	8/42	• Towed underwater vessels [2]
8/04 • Superstructure	<b>9/00 Other offensive or defensive arrangements on vessels against submarines, torpedoes, or mines</b>	
8/06 • • Conning-towers	9/02	• Means for protecting vessels against torpedo attack (armoured hulls B63B 3/10)
8/08 • Propulsion (nuclear propulsion B63H 21/18; submerged exhausting apparatus F01N 13/12; propulsion power plants or units <u>per se</u> , <u>see</u> the relevant classes)		
8/10 • • using steam plant		
8/12 • • using internal-combustion engines		
8/14 • Control of attitude or depth (of torpedoes F42B 19/00)		

**B63G**

9/04	<ul style="list-style-type: none"><li>• Nets or the like (net barriers for harbour defence F41H 11/00)</li></ul>	13/00	<b>Other offensive or defensive arrangements on vessels; Vessels characterised thereby</b>
9/06	<ul style="list-style-type: none"><li>• for degaussing vessels (demagnetising in general H01F 13/00)</li></ul>	13/02	<ul style="list-style-type: none"><li>• Camouflage (for submarines B63G 8/34; in general F41H 3/00) [2]</li></ul>
11/00	<b>Aircraft carriers, i.e. warships equipped with a flight deck on which airplanes can be launched and landed and with a hangar deck for servicing airplanes</b> (other vessels or floating structures for aircraft B63B 35/50; aircraft-carrier-deck installations B64F 1/00)		