

**Table 8.3.** Forces acting on zero cargo load and full cargo load ships

	<b>Gravitational Force (Newtons)</b>	<b>Buoyancy Force (Newtons)</b>	<b>Net Buoyancy Force (Newtons)</b>
<b>Ship Load Type</b>	(Mass of the object) x (0.01 Newtons / g)	(Mass of displaced water) x (0.01 Newtons / g)	Gravitational Force – Buoyancy Force
Zero Cargo load			
Full Cargo load (i.e., nearly submerged)			0