

Generic Angle of List Problems

A cargo of 100 tons is to be loaded on deck 20 feet from the ship's centerline. The ship's displacement including the 100 ton cargo will be 10,000 tons and the GM is 2.0 feet. The list of the vessel after loading this cargo will be _____.

Answer 5.7°

A cargo of 30 tons is to be loaded on deck 30 feet from the ship's centerline. The ship's displacement including the 30 ton cargo will be 9,000 tons and the GM is 5.0 feet. The list of the vessel after loading this cargo will be _____.

Answer 1.14°