

1 420 Ref: Stability, Ballast

A

Barges and vessels are ballasted before departure to _____.

- A. improve their stability
- B. avoid polluting waters where liquid ballast may not be discharged
- C. prevent free surface effects
- D. allow movement of liquids within the barge for tank cleaning

2 323 Ref: Stability, Cargo Carrying Capacity

B

A vessel's light displacement is 12,000 tons. Its heavy displacement is 28,000 tons. When fully loaded it carries 200 tons of fuel and 100 tons of water and stores. What is the cargo carrying capacity in tons?

- A. 11,700 tons
- B. 15,700 tons
- C. 16,000 tons
- D. 27,700 tons

3 711 Ref: Stability, Load Line

B

Keeping the draft at or below the load line mark will insure that the vessel has adequate _____.

- A. ballast
- B. reserve buoyancy
- C. displacement
- D. rolling periods

4 1162 Ref: Stability, Load Line

A

The primary purpose of a load line is to establish required _____.

- A. minimum freeboard
- B. GM
- C. transverse stability
- D. fresh water allowances

