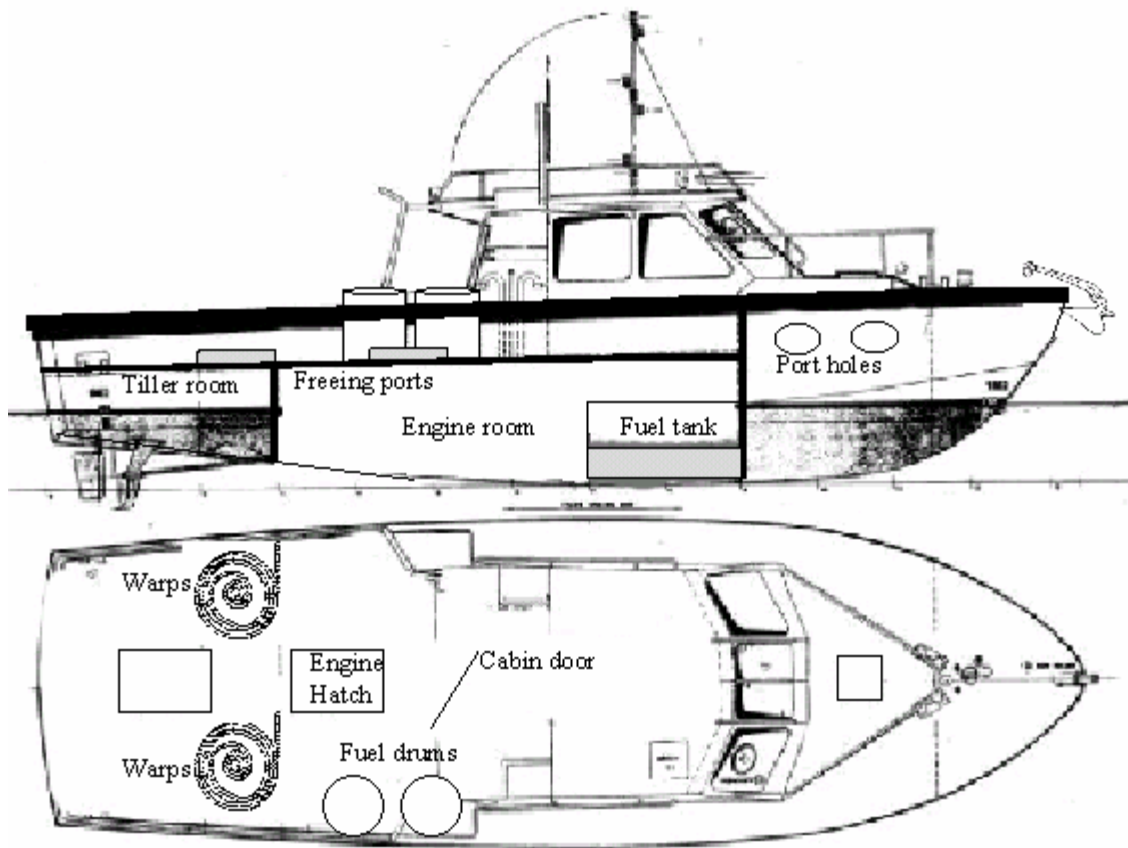


PRACTICAL LOADING ASSIGNMENT ONE

NAME:

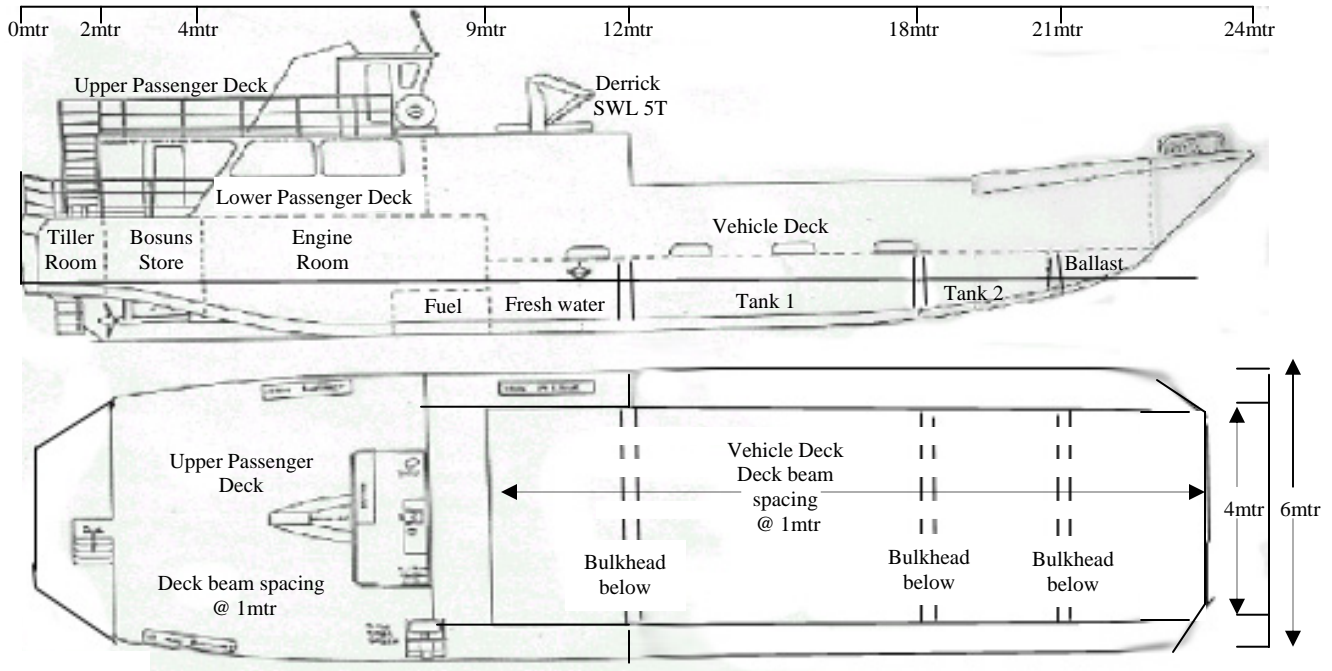


DESCRIBE YOUR STOWAGE PLAN TO PREPARE THIS VESSEL TO CROSS A RIVER BAR:
Include details of stowing gear, tankage and watertight & weathertight fittings.

Show me the answer

PRACTICAL LOADING ASSIGNMENT TWO

LANDING CRAFT M.V. SUPPLY LOA 24Mtr BREADTH



NOTES:

30 Passengers only permitted on Upper Passenger Deck.

Fuel tank = 1000ltr (full). Fresh water = 10000ltr. Tank 1 = 20000ltr. Tank 2 = 5000ltr

Deck beam point load limit of one Tonne spaced at one mtr centres..

Bulkheads point load limit of five Tonnes.

DRAW A SAFE LOADING PLAN FOR:

A six tonne, three axle touring bus with 45 passengers and a driver.

(width 2.8 mtrs, length 12 mtrs) Front axle at 1.5mtr , middle axle at 7.5mtr & back axle at 10.5mtr from the front bullbar).

1000 ltrs of fuel oil (S.G. 0.8), expansion allowance included in tank dimensions.

20,000 ltrs of heating oil (S.G. 0.8).

Six jerrycans of petrol (70cm x 70cm x 20cm (S.G. 0.8).)

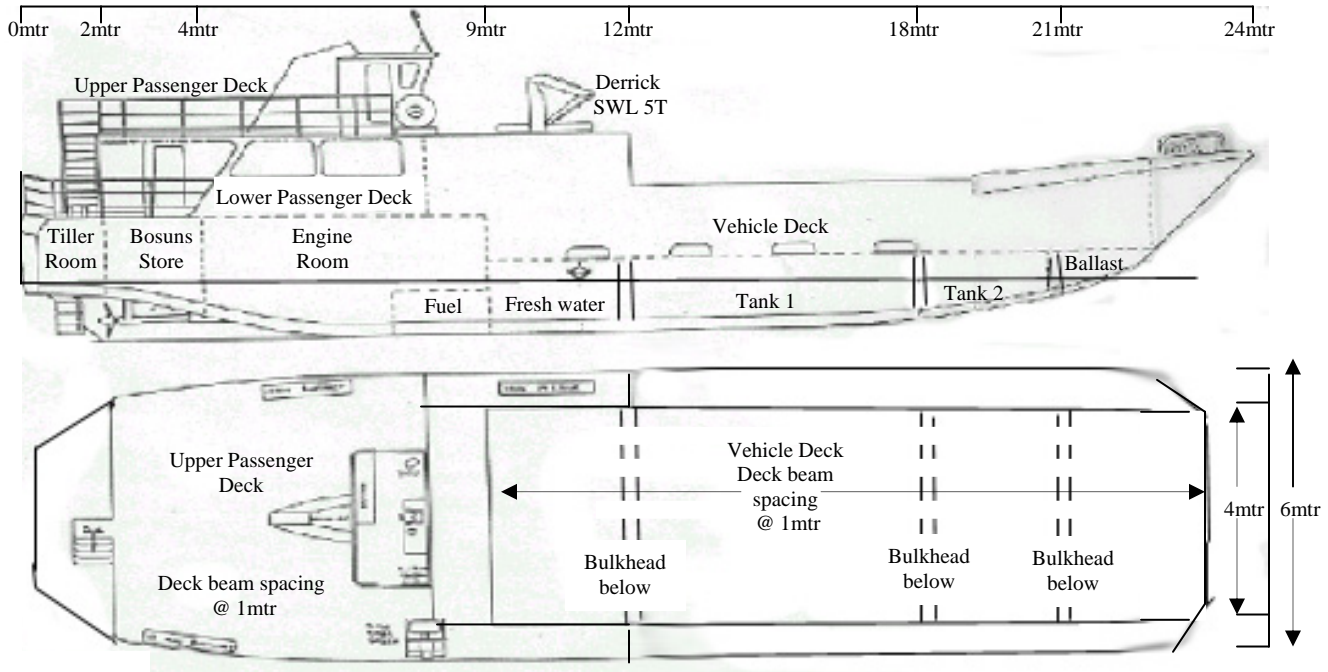
How would you ensure you could float the vessel off the beach after loading the bus?

What is the total weight of flammable liquids on board (without the bus fuel tank)?

[Show me the answer](#)

PRCTICAL LOADING ASSIGNMENT THREE

LANDING CRAFT M.V. SUPPLY LOA 24Mtr BREADTH



NOTES:

30 Passengers only permitted on Upper Passenger Deck.

Fuel tank =1000ltr (full). Fresh water=10000ltr. Tank 1= 20000ltr. Tank 2= 5000ltr

Deck beam point load limit of one Tonne spaced at one mtr centres..

Bulkheads point load limit of five Tonnes.

DRAW A SAFE LOADING PLAN FOR:

6 x softwood logs, each 500mm diameter x 9 mtrs long.

2 x empty crates, 4mtr long x 2mtr wide x 1 mtr high.

1 x 5 Tonne crate of engine parts, 3mtr long x 2mtr wide x 1 mtr high.

10 Tonnes of fine sand of **angle of repose** 22.5 degrees

10 Tonnes of fresh water.

Show me the answer