

# Lloyd's Register of Shipping.

Ship's Name "BALTRADER" ex "EMPIRE GAFFER"

Official No. 180643

Memorandum of alterations reported since ship was surveyed for assignment of Load Lines in August, 1945.

## CONVERSION TO OPEN SHELTER DECKER OCTOBER, 1947.

- (1) Tonnage opening 18'0" x 4'1" in Shelter Deck aft, coaming 12" x 3/8", closed by efficient temporary 2.3/8" wood covers fitted fore and aft. (Small steel hatch previously fitted on plated-in opening now removed).
- (2) Nos. 1, 2 & 3 cargo hatchways in 2nd deck, openings (No. 1) 22'6" x 18'0", (No. 2) 46'0" x 18'0", and (No. 3) 46'0" x 21'3", fitted with 9" x 3 1/2" x 1/2" B.A. coamings, beams I section spaced as hatchway beams over, 9 1/2" x 1/2" flanges top and bottom, webs 3/8" thick (No. 1) 16" deep, (No. 2) 14 1/2" deep, (No. 3) 19" deep, bearing surfaces 3 1/2", wood hatches 2.3/8" fitted fore and aft with 3" bearing surface. Cleats spaced 24" apart (max.) and 2 tarpaulins provided for each hatchway.
- (3) Bunker hatchways in 2nd deck, openings 15'9" x 3'0" (p. & s.), 7'6" x 3'0" (p. s.) and 7'6" x 5'3" (s. s.) fitted with 9" x 3 1/2" x .50 B.A. coamings, wood hatches 2.3/8", fitted athwartships and fore and aft with 3" bearing surfaces, cleats spaced 24" apart (max.) and 2 tarpaulins provided for each hatchway.
- (4) Trimming hatchways in 2nd deck (2 at No. 2 and 2 at No. 3 hold) openings 2'6" x 2' 0" fitted with 9" x 3 1/2" x 1/2" B.A. coamings, wood hatches 2.3/8" fitted athwartships with 3" bearing surface, cleats spaced 24" apart (max.) and 2 tarpaulins provided for each hatchway.
- (5) After tonnage well bulkhead 1/4" plating no openings, stiffeners 5" x 2 1/2" x 5/16" B.A. no end attachments.
- (6) Forward tonnage well bulkhead 1/4" plating with 10'10" x 37 1/2" openings (p. & s.) (no coaming) closed by steel plates with hook bolts, stiffeners 5" x 2 1/2" x 5/16" B.A., no end attachments.
- (7) Doorway in engine room casing side (p. s.) opening 5'0" x 2'0" x 18" sill closed by hinged steel door with spring lock manipulated from both sides, casings 1/4" plating, 3/8" coamings, stiffeners 5" x 2 1/2" x 5/16" B.A.
- (8) Doorways in sloped boiler casing sides (p. & s.) openings 2'4" x 1'10" sill 4'6", closed by hinged steel doors with lever handles manipulated from both sides, casings 1/4" plating, 3/8" coamings, stiffeners 5" x 2 1/2" x 5/16" B.A.
- (9) Scuppers led to hold bilges from Shelter 'tween decks permanently closed by welded plates.
- (10) Shelter 'Tween Decks drained to machinery space bilges by two scupper pipes on each side fitted with self-closing cocks.
- (11) Drain holes cut in wings of 'tween deck bulkheads to permit drainage of water to scupper pipes.
- (12) 5" Overboard scuppers restored each side of tonnage well with screw-down automatic non-return valve controlled from Shelter Deck and having indicator showing whether valve is open or closed.