

Lloyd's Register of Shipping.

Index No. 32479
(For London Office only).

28 DEC 1943

N/N B.P ENGINEER SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

GLASGOW REPORT No. 67904

Ship's Name "EMPIRE HARVEST"

Port of Survey Glasgow.

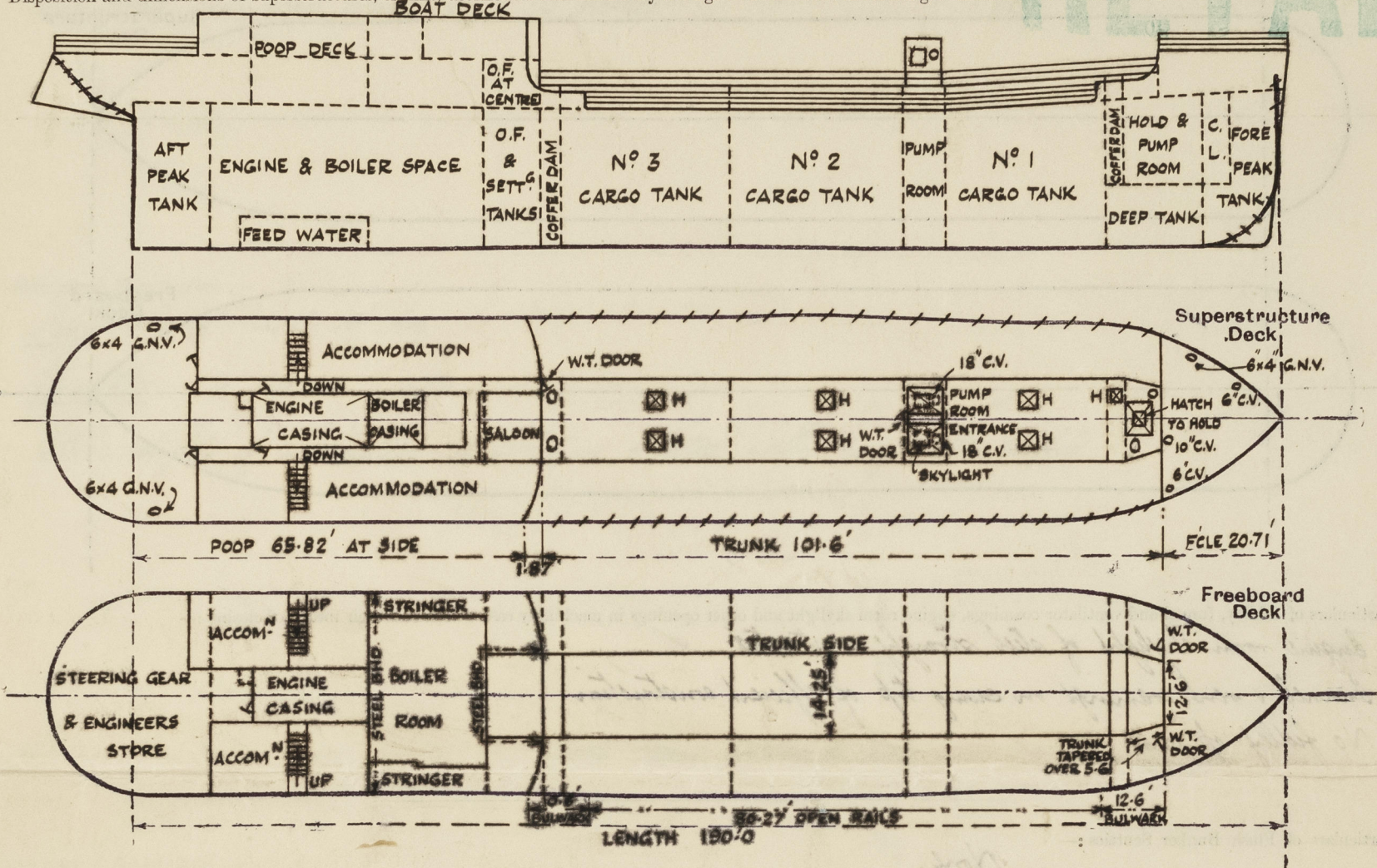
Official Number 169,403.

Surveyor's Signature J. W. Bolwell.

Nationality and Port of Registry British. Glasgow.

Date of Survey Whilst building.

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement :—



Particulars of Superstructures, Trunks, Casings, Deckhouses.

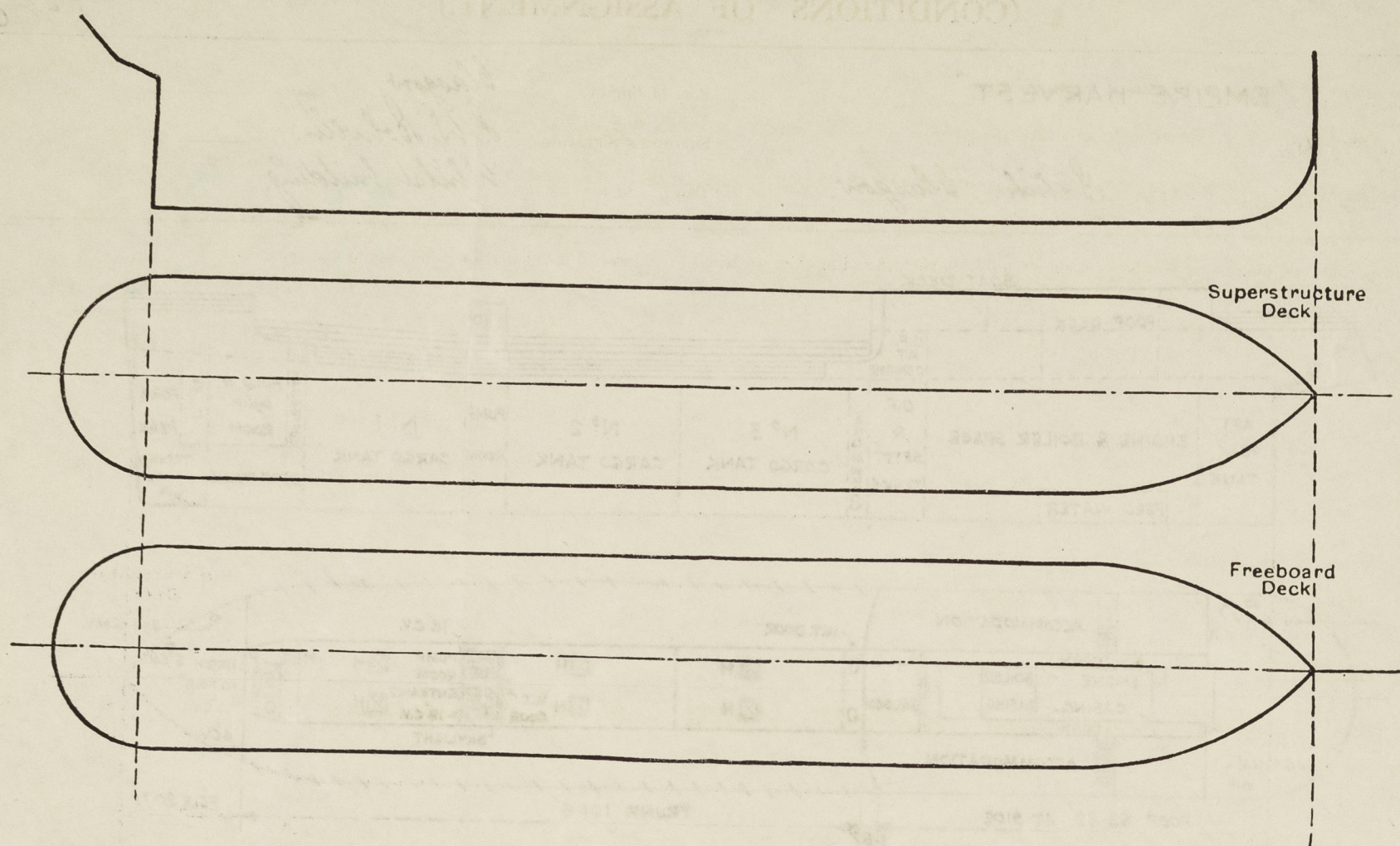
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead <i>at sides of trunk</i>	42 x 35	35	7 x 3 x 36 B.A.	28 1/2"	Bracketed 1 x 13.	1' 0" x 1' 3"	10"	4' 6"
<i>at centre of trunk</i>		35	5 x 3 x 38 O.A.		Bracketed top, unattached at bottom			
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead								
Bridge, Forward Bulkhead								
Forecastle Bulkhead	✓	30	3 x 3 x 34	25"	None	1' 0" x 1' 5"	18"	4' 6" at shell, 6' 6" at stem
Trunk, Aft	35"	✓	35 flanged with sp. 4' 6" x 9' 4" with intermediate ribs. 35 thick	4' 6" x 9' 4"	Welds 2R to transverse	4' 6" x 2' 0"	✓	3' 6"
Trunk, Forward		35 x 40	transverse 11 x 35 fl. 7 x 3 x 33 B.A. length.	28 1/2"	Bracketed	See particulars of hatchways.	✓	
Exposed Machinery Casings on Freeboard or Raised Quarter Decks								
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances								
Deckhouses on Flush Deck Ships								

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	Steel plate cover secured by studded bolts spaced about 3" apart.
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	
Bridge, Forward Bulkhead	
Forecastle Bulkhead	Steel watertight doors operated from both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	
Exposed Machinery Casings on Superstructure Decks	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	
Deckhouses on Flush Deck Ships	

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Engine room skylight of steel strongly constructed ✓
 Funnel + vent coamings on casing top of efficient construction ✓
 No fiddle openings. ✓

Particulars of Flush Bunker Scuttles:—

None. ✓

Particulars of Companionways:— To accommodation in poop and to engine + boiler space in substantial steel deckhouse on poop deck. Openings in after end of house 4'11" x 2'0"; solid wood doors, operated from both sides (2 P. 15.)
 Opening in forward end of house (port side) 4'11" x 2'0"; steel hinged N.T. door operated from both sides. Sills to after opening 18"; sill to forward opening 18". Main pump room entrance on trunk top of steel, strongly constructed.
 Opening in after end 4'6" x 2'0"; sill 18". Steel hinged N.T. door, operated from both sides.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—

Fore Deck 2 @ 6" C.V. to fore. Coaming 36" x 30"
 1 @ 10" C.V. to fore hold. Coaming 48" x 32" with supporting brackets.
 1 @ 6" x 4" G.N.V. to fore. 18" high to opening (C.I.)

Trunk Top 1 @ 10" C.V. to fore hold. Coaming 48" x 32" with supporting bracket to forecastle bulkhead.
 1 @ 6" x 4" G.N.V. to fore hold. 18" high to opening (C.I.)

Main Pump Room Entrance Top 2 @ 18" C.V. to Pump Room. Coaming 34" x 40"

Poop Deck 2 @ 6" x 4" G.N.V. to steering gear space. 18" high to opening (C.I.)

All cowls vents to Rule requirements & fitted with wood plugs & canvas covers.

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

Fore Deck 1 @ 4" M.I. to fore peak tank 18" high.

Trunk Top 2 @ 4" M.I. to forward deep tank 18" high.

2 @ 3" M.I. to after cofferdam 18" high.

Poop Deck 2 @ 2" M.I. to fore tanks in Poop 22" high.

2 @ 2 1/2" M.I. to after peak tank 22" high.

Poop Front End 2 @ 3" M.I. to fore tanks, 4'3" high above Poop Deck, secured to deckhouse front.

Upper Deck 1 @ 3" M.I. to settling tank, 6'0" high, secured to poop front bulkhead.

All air pipes fitted with gauges.

Particulars of Gangway Cargo and Coaling Ports:—

None

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers from poop deck led through ship's side above freeboard deck
 Scuppers from upper deck in poop led to Engine Room bilges.
 Discharges from W.C.'s & washplaces on poop deck led through ship's side above freeboard deck and fitted with brass storm valves at outlets.

Particulars of Side Scuttles:—

Poop 9" and 10" dia.

Forecastle 9" dia.

All sidelights of substantial construction & fitted with hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel None below freeboard deck.

Particulars of Guard Rails:—

Fore Deck Open rails, 3'6" high with 3 rods & stanchions 4'0" to 5'0" apart.
Trunk Top " " " " " 2 " " " 4'0" to 4'6" "
Upper Deck " " " " " 3 " " " 4'0" to 4'6" "
Poop Deck " " " " " 3 " " " 4'6" "

Particulars of Gangways, Lifelines, etc.:—

None ✓

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well Bulwark	10.6'	3' 4"	mooring pipe 10" x 8"	1	.45 sq'	✓
			freeing port 24" x 8"	1	1.33 sq'	
Forward Well Bulwark	12.6'	3' 4"	mooring pipe 10" x 8"	1	.45 sq'	
			freeing port 24" x 4"	1	.64 sq'	

State position of each freeing port ... After ~~Well~~ Bulwark 1' 9" from poop front; 1/2" above deck edge
 (F. and A. position and height above deck edge) Forward ~~Well~~ Bulwark 5'0" from forecandle end; 1/2" above deck edge

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— ✓

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

TRUNK TOP									
HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway	...	...	...	...	...	...	...	...	...
Dimensions of Hatchway	...	...	...	...	...	...	...	...	...
COAMINGS	{	Height above Deck	...	...	...	...	...	...	...
		Thickness	...	...	...	...	...	...	...
		Sides	...	...	...	...	...	...	...
		Ends	...	...	...	...	...	...	...
HATCH BEAMS	{	Number	...	...	...	...	...	...	...
		Spacing	...	...	...	...	...	...	...
		Scantling and Sketch	...	...	...	...	...	...	...
		Bearing Surface	...	...	...	...	...	...	...
FORE AND AFTERS	{	Number	...	...	...	...	...	...	...
		Spacing	...	...	...	...	...	...	...
		Unsupported Lengths	...	...	...	...	...	...	...
		Scantling* and Sketch	...	...	...	...	...	...	...
HATCH COVERS	{	Material	...	...	...	...	...	...	...
		Thickness	...	...	...	...	...	...	...
		How fitted	...	...	...	...	...	...	...
		Bearing Surface	...	...	...	...	...	...	...
Spacing of Cleats	...	...	...	...	...	...	...	...
Number of Tarpaulins	...	...	...	...	...	...	...	...
*Are wood fore and afters steel shod at all bearing surfaces? ✓									
Are battens and wedges efficient and in good condition? ✓									
Are tarpaulins in good condition and in accordance with rule requirements? ✓									
Are lashings provided in accordance with rule requirements? ✓									

Particulars of any special features :—

Endorsement at first survey and at surveys for renewal of Certificate :—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.



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