

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

N^o 33461

Ship's Name "HARPAGUS" (DOXFORDS 695)

Port of Survey SUNDERLAND.

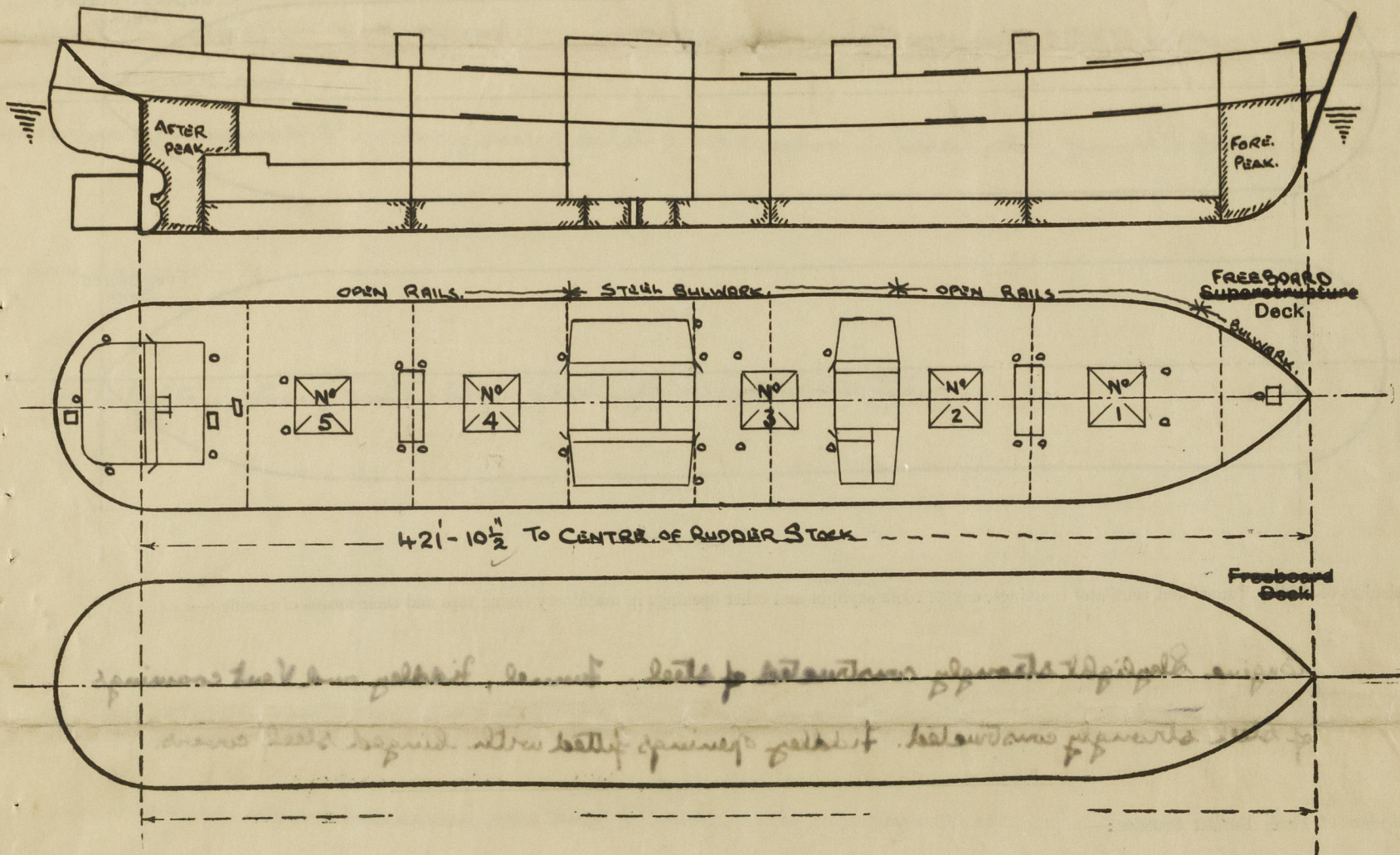
Official Number 168347

Surveyor's Signature Noel F.H. Duncan

Nationality and Port of Registry BRITISH. LONDON.

Date of Survey DURING CONSTRUCTION.

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								
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead								
Bridge, Forward Bulkhead								
Forecastle Bulkhead								
Trunk, Aft								
Trunk, Forward								
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	35	25	3x3x30 To Sides. 6x3x30 4x3x30	30" 24"	BKTS. T.B.	5'-0" x 2'-0"	22 1/2" aft. 18"	7'-6"

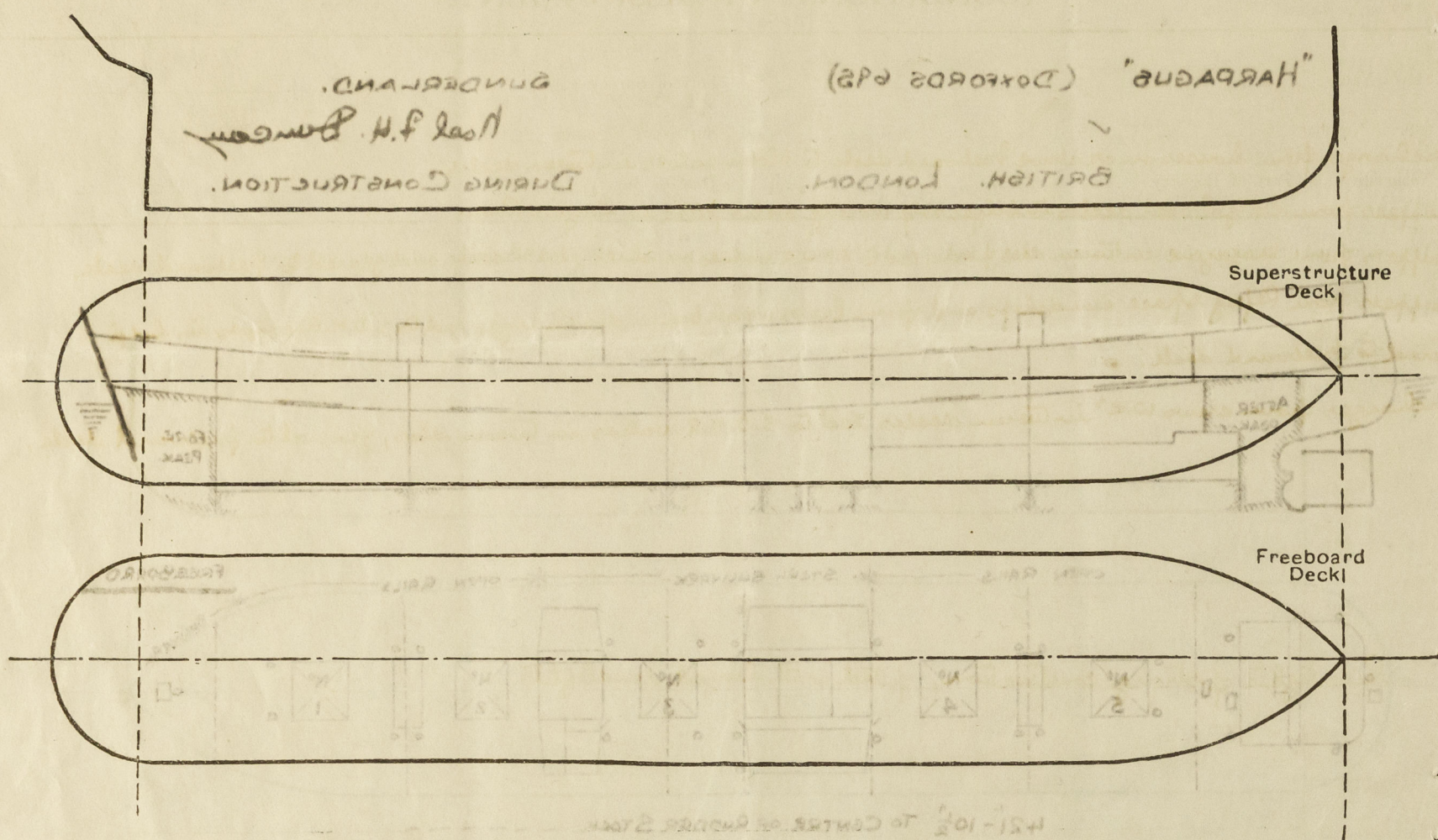
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	
Bridge, Forward Bulkhead	
Forecastle Bulkhead	
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	

Hinged steel doors operated from both sides.

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

Engine Skylight strongly constructed of steel. Funnel, Hatches and Vent coamings of steel strongly constructed. Hatch openings fitted with hinged steel covers.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:—

One to crew's aft of steel plates and angles with steel door operated from both sides. Sill 22 1/2" high.

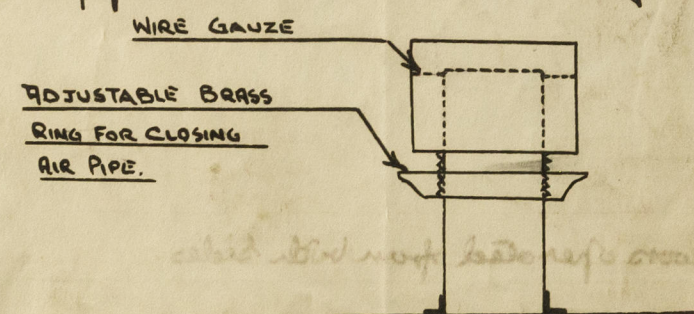
Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—

No.	Diam	Coaming	Size	Position
6	24"	36 x 40	6	for 1 & 2 Holds and tween decks.
10	"	33 x 40	"	for 2 & 3 Holds and tween decks.
4	"	33 x 34	"	for 3 & 4 Holds and tween decks.
2	"	33 x 32	"	for 4 & 5 Holds and tween decks.
1	"	33 x 32	"	for 5 & 6 Holds and tween decks.
2	"	33 x 32	"	for 6 & 7 Holds and tween decks.
1	"	33 x 30	"	for 7 & 8 Holds and tween decks.
2	"	33 x 30	"	for 8 & 9 Holds and tween decks.
2	"	33 x 30	"	for 9 & 10 Holds and tween decks.
1	"	33 x 30	"	for 10 & 11 Holds and tween decks.
2	"	33 x 30	"	for 11 & 12 Holds and tween decks.
20	21"	33 x 30	"	for 12 & 13 Holds and tween decks.
2	21"	33 x 30	"	for 13 & 14 Holds and tween decks.

Cowl Vents closed by means of wood plugs and canvas covers.

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

All air pipes on freeboard Deck 30" high to underside.



Particulars of Gangway Cargo and Coaling Ports:—

Particulars of Scuppers and Sanitary Discharge Pipes:—

Discharges from houses on or above freeboard deck to storm valves in tween decks.
Scuppers from cargo tween decks to bilges self closing covers fitted in Lounge Room.
Scuppers from Magazine in tween decks, led to S.D.M.R. valves on shell at 2nd deck and geared to freeboard deck.
Scuppers from Peep space amidships and from crew's wash basin discharges led to S.D.M.R. valves in hold geared to freeboard deck.
Discharges from crew's W.C. in tween decks led to S.D.M.R. valves in tween decks, geared to freeboard deck.

Particulars of Side Scuttles:—

Side lights of strong construction, fitted with hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 37'-0"

Particulars of Guard Rails:—

3'-6" high, 3 rods, stanchions spaced about 5'-0" apart.
Steel bulwarks in way of accommodation amidships and at fore end of vessel.

Particulars of Gangways, Lifelines, etc.:—

One lifeline supplied Port and Star. of 3" Manilla with fittings for same.

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	131'-0"	3'-6"	2'-6" x 18"	2	7.5	✓
Forward Well	THROUGH STRINGER ANGLE		5 1/2 x 4	6		
State position of each freeing port ... (After Well:— AMIDSHIPS. 2'-6" x 18" (F. and A. position and height above deck edge) Forward Well:— AMIDSHIPS. 10"						
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— FITTED WITH RAILS. TWO IN NO						
Additional area where sheer is less than standard.						

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway	...	...	...	Nº 1.	Nº 2.	FORE PEAK.	CRUISER STERN.	STOWS AFT.	TUNNEL
Dimensions of Hatchway	...	...	...	31'6" x 22'0"	31'6" x 22'0"	3'0" x 2'6"	2'11" x 2'11"	4'6" x 4'6"	2'4" x 2'3"
COAMINGS	{	Height above Deck	...	30 1/2"	30 1/2"	15"	20"	30"	12 x 3 1/2 x 508
		Thickness	...	50	50	36	44	36	✓
		Stiffeners	...	9 x 3 1/2 x 40	9 x 3 1/2 x 40	✓	✓	✓	✓
		Brackets, Stays	...	2	2	✓	✓	✓	✓
HATCH BEAMS	{	Number	...	5	5	✓	✓	✓	✓
		Spacing	...	5'3"	5'3"	✓	✓	✓	✓
		Scantling and Sketch	...	21" x 38"	19" x 36"	✓	✓	✓	✓
		Bearing Surface	...	3 1/2"	3 1/2"	✓	✓	✓	✓
FORE AND AFTERS	{	Number	...	—	—	—	—	—	—
		Spacing	...	—	—	—	—	—	—
		Scantling and Sketch	...	—	—	—	—	—	—
		Bearing Surface	...	—	—	—	—	—	—
HATCH COVERS	{	Material	...	W.P.	W.P.	W.T. Steel	W.P.	W.P.	W.T. Steel
		Thickness	...	2 7/8	2 7/8	Covers	2 7/8	2 7/8	Covers
		How fitted	...	7 x 2	7 x 2	Secured by	7 x 2	7 x 2	Secured by
		Bearing Surface	...	3"	3"	Butterfly	3"	3"	Butterfly
Spacing of Cleats	...	...	...	24"	24"	18"	21"	Butterfly	
Number of Tarpaulins	...	...	...	2	2	2	2	Screws	
*Are wood fore and afters steel shod at all bearing surfaces? <i>have fitted</i> ✓									
Are battens and wedges efficient and in good condition? <i>yes.</i> ✓									
Are tarpaulins in good condition and in accordance with rule requirements? <i>yes.</i> ✓									
Are lashings provided in accordance with rule requirements? <i>yes.</i> ✓									

Particulars of any special features:—

This vessel has been built to scantlings as approved for a draught of 18" in excess of that permitted for a C.S.S. vessel having a tonnage opening. The sheers forward have been increased in lieu of a forecastle. Locking bars are fitted to all Hatches. Openings in tween deck Bulkheads closed by means of riveted closing plates. Six divisional W.T. Bulkheads fitted in Tween decks. Owners request deeper loading endorsement. ✓

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.

