

SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT)

SHIP'S NAME. "ONDO"

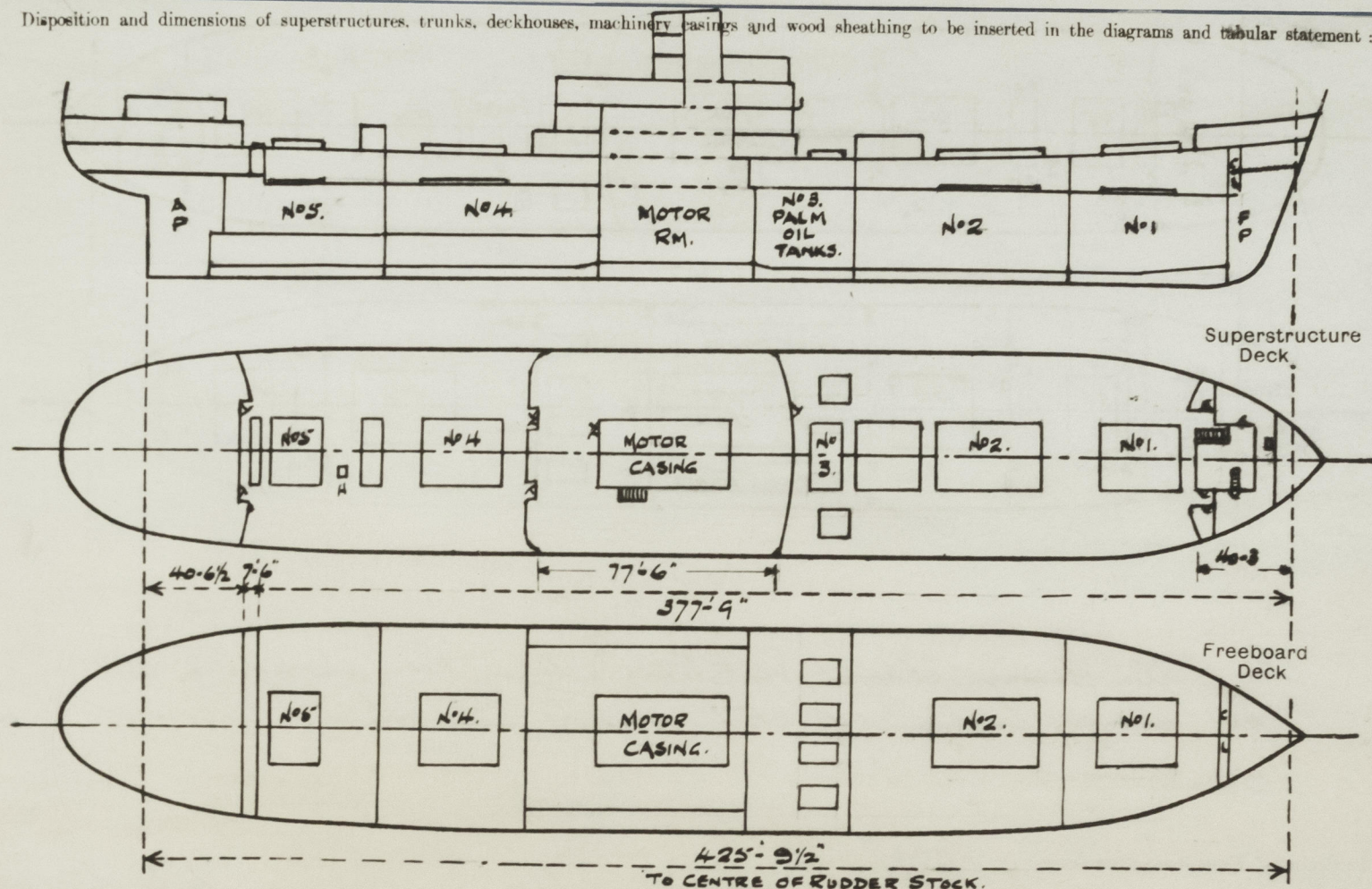
PORT OF SURVEY BELFAST

OFFICIAL NUMBER. 187146

SURVEYOR'S SIGNATURE. A.S. Blatch.

NATIONALITY &amp; PORT OF REGISTRY. BRITISH - LIVERPOOL DATE OF SURVEY. During Construction.

Disposition and dimensions of superstructures, trunks, deckhouses, machinery casings and wood sheathing 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, Beam to Beam
Poop Bulkhead ...	✓	26	3 1/2 x 2 1/2 x 32 I	27 to 31	Welded top & bottom	2 @ 5'-6 x 3'-6	12" /	8'-6
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓	26	3 1/2 x 2 1/2 x 28 x 36 I	27 to 28	Welded top & bottom	2 @ 5'-0 x 3'-1	12" /	8'-6
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 ...	21 x 40	26	3 1/2 x 3 x 36 OA	30"	Reinforced to Beam at top	6'-0 x 4'-0	12" /	8'-6
Deckhouses and Pump Room Entrances	✓							

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

Poop Bulkhead ...	2 Hinged steel doors with ordinary locks & operated from both sides. ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	Portable steel plates secured by hooked bolts which do not pass through bulkhead and spaced not less than 12" apart. ✓
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 ...	One double steel hinged U.T. door with toggles & operated from both sides. ✓
Deckhouses and Pump Room Entrances	✓



### PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangways, cargo and coaling ports, side scuttles, scuppers, ventilators, companionways, etc., which would affect the seaworthiness of the ship :-

The diagrams illustrate the layout of a ship's decks and cargo areas. The top diagram shows the ship's profile with various compartments labeled: A.P., No. 5, No. 4, MOTOR RM., No. 3, PALM OIL TANKS, No. 2, No. 1, and F.P. The middle diagram shows the Superstructure Deck with compartments labeled: UP, TE, DOWN, No. 5, No. 4, MOTOR CASING, No. 3, STORES, No. 2, No. 1, and F.P. The bottom diagram shows the Freeboard Deck with compartments labeled: SLEEPING, MAIL RM., COMPT, No. 5, No. 4, MOTOR CASING, No. 3, STORES, No. 2, No. 1, and F.P. The diagrams are used to indicate the positions of cargo and coaling hatchways, gangways, cargo and coaling ports, side scuttles, scuppers, ventilators, and companionways.

no fidley openings. Tunnel, ventilator & Engine Room skylight on Cant  
deck, strongly constructed of steel. Skylight fitted with steel flaps secured  
by quadrants. /

Particulars of Companionways :— *a Steamer, Com*  
(including those incorporated in deckhouses and masthouses)

Tunnel escape in Poop deckhouse, opening with 9" galv & steel w.t. door secured by toggle and 2" solid wood door at Poop front with 18" galv. Tunnel escape in Forward Mast House, opening with 20" galv and steel w.t. door secured by toggle. All doors operated from both sides.

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

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

On Sills deck:	2 @ 24" dia both Comings	36 x .40 ✓	Shelter deck Fore:-	2 @ 18" dia both Comings	36 x .40 ✓
2 @ 18" " "	36 x .40 ✓		2 @ 24" " "	30 x .40 ✓	
4 @ 8" " "	36 x .30 ✓		2 @ 18" " "	4-0 x .40 x both Sills	
2 @ 12" " "	36 x .34 ✓		2 @ 24" " "	6-3 x .40 x " "	
2 @ 10" " "	36 x .32 ✓		2 @ 18" " "	3-0 x .40 ✓	
2 @ 12" " "	36 x .34 ✓		2 @ 24" " "	3-0 x .40 ✓	
On Bridge St:-	2 @ 18" " "	36 x .40 ✓	2 @ 18" " "	3-0 x .40 ✓	
2 @ 12" " "	30 x .34 ✓		4 @ 9" " "	3-0 x .30 ✓	
1 @ 8" " "	30 x .30 ✓		2 @ 9" " "	3-0 high ✓	
2 @ 16 x 8 Fps " "	30 x .26 ✓		Shelter deck aft:-	2 @ 24" " both Comings	9-4 x .40 x supported
				4 @ 18" " "	3-0 x .40 ✓
				2 @ 18" " "	3-0 x .40 x ✓
				2 @ 24" " "	6-3 x .40 x both Sills
				2 @ 24" " "	2-6 x .40 ✓
				2 @ 18" " "	2-6 x .40 ✓
				2 @ 24" " "	
On Poop St:-	3 @ 12" dia " "	30 x .34 ✓	Most houses top aft:-	2 @ 18" " "	
3 @ 16 x 8 Fps " "	30 x .36 ✓			2 @ 24" " "	
1 @ 16 x 6 " "	30 x .34 ✓				

Leads marked in above Comings on two positions, the lower 13" high on 1st No & 4" on after deck & supplied with .40 portable closing plates both 7 1/2" bolts spaced 8 1/2" centres. All coal trays vents fitted with flanges & all vents both canvas covers. ✓

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

the pipes on poop, bridge & side decks 18" high and on shelter deck 30" high.  
All pipes to O.F. tanks are fitted with metal locks & gauge taps & canvas covers  
and all other pipes with wood flanges and canvas covers. ✓

None.

Condo

Particulars of Scuppers and Sanitary Discharge Pipes:— In No 12, 4 & 8 shells &c. No 12 & 8 are drained by scuppers to hold bilge and fitted with screw plug cocks at foreboard deck controlled from superstructure deck. No 3 shells No 8 &c and passage way on P & S sides drained by 3" scuppers to E.R. bilge & fitted with lever heighted self closing cocks. One 5" dia scupper in forebay well, P & S sides, with geared storm valves fitted below foreboard deck and controlled from superstructure deck. <sup>indicators</sup> Sile, stone, chain locker, stern & steering, empty drained by hand pumps and discharge overboard above foreboard deck. 2" dia scuppers from mail room aft on P & S sides drained into tunnel well and fitted with screw plug cocks at foreboard deck, controlled from poop deck. Refrig: space ammonia drained by scuppers trapped & led to drain tank in shaft tunnel & connected to bilge suction line with drain. Indicators fitted to all gearing. From superstructure deck:— In fore & after wells, scupper holes cut in gunwale angle & sheerstrake. Weather deck scuppers from superstructures discharge through open boards and scuppers from accommodation through storm valves, both above foreboard deck. Sanitary discharges from superstructures discharge through storm valves above foreboard deck.

Particulars of Side Scuttles & Deadlights:— In stern, gen space aft, between Subord and superstructure decks and in Poop, Bridge & Tile spaces, 12" clear glass with deadlights. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel 36'-0"  
Distance from amidships to centre of lowest Side Scuttle 208'-9" *2 return gear compartments.*

On Post, Bridge & Tide decks, 3-6 high both 3 rails and  
stanchions spaced about 4'-6" apart. ✓

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 ... ..	116'-0"	3-6	$4'-6" \times 6"$ $29-0 \approx 6"$ $8-0 \approx 6"$	3	21 $\frac{1}{2}$ ✓	11 $\frac{1}{2}$ $\frac{1}{2}$ ✓
Forward Well ... ..	153'-0"	3-6	$22'-0" \approx 6"$ $28-0 \approx 6"$	2	25 $\frac{1}{2}$ ✓	15 $\frac{1}{2}$ $\frac{1}{2}$ ✓

State position of each freeing port ... .. { After Well :— *From Peak Mast. 5'-0, 37'-0" & 48'-0*  
(F. and A. position and height above deck edge) { Forward Well :— *From Bridge Mast. 26'-0" & 88'-0"*

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :— *None.*

Additional area where sheer is less than standard. ✓

14' above deck.



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## PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS												
			Freeboard deck.					Superstructure deck.				
Description of Hatchway			No1	No2	No3	No4	No5	No1	No2	No3	No4	No5
Dimensions of Hatchway			33'-9" x 18'	37'-6" x 18'	42'-6" x 7'-6"	37'-6" x 18'	27'-6" x 18'	29'-3" x 18"	37'-6" x 18'	CENTRE PAS 10'-0" 10'-0" 18'-0" 7'-6"	37'-6" x 18'	27'-6" x 18'
COAMINGS	Height above Deck	...	9" ✓	9" ✓	12" ✓	9" ✓	9" ✓	30" ✓	9" ✓	10'-0" 10'-0" 18'-0" 7'-6"	37'-6" x 18'	27'-6" x 18'
	Thickness	{ Sides Ends	.40 ✓	.40 ✓	12 x 3/2 x 30/60	.40 ✓	.40 ✓	.44 ✓ .44 ✓	.40 ✓	.40 ✓	.40 ✓	.40 ✓
	Stiffeners	{ Sides Ends	✓	✓	✓	✓	✓	9" x 3/2 x 9" x 3/2	✓	✓	✓	✓
	Brackets, Stays	{ Sides Ends	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HATCH BEAMS	Number	...	6 ✓	6 ✓		6 ✓	8 ✓	5 ✓	6 ✓	1 ✓	6 ✓	8 ✓
	Spacing	...	4'-9 1/2" ✓	5'-4 3/4" ✓		5'-4 3/4" ✓	4'-7" ✓	4'-10 1/2" ✓	5'-4 3/4" ✓	5'-0" ✓	5'-4 3/4" ✓	4'-7" ✓
	Scantling and Sketch	...										
	Bearing Surface	...	8" x 90 ✓ 21" x 80 ✓ 8" x 90 ✓	7" x 90 ✓ 21" x 80 ✓ 7" x 90 ✓	✓	8" x 85 ✓ 19" x 45 ✓	8" x 85 ✓ 19" x 45 ✓	7" x 75 ✓ 16" x 45 ✓	7" x 65 ✓ 14" x 40 ✓	7" x 65 ✓ 14" x 40 ✓	7" x 65 ✓ 14" x 40 ✓	7" x 65 ✓ 14" x 40 ✓
FORE AND AFTERS	Number	...										
	Spacing	...										
	Unsupported Lengths	...										
	Scantling* and Sketch	...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HATCH COVERS	Material	...	WOOD ✓		WOOD ✓			WOOD ✓				
	Thickness	...	3" ✓	Do ✓	3" ✓	Do ✓	Do ✓	3" ✓	Do ✓	Do ✓	Do ✓	Do ✓
	How fitted	...	FLA ✓	Do ✓	FLA ✓	Do ✓	Do ✓	FLA ✓	Do ✓	Do ✓	Do ✓	Do ✓
	Bearing Surface	...	3" ✓		3" ✓			3" ✓				
Spacing of Cleats			24" ✓		24" ✓			24" ✓				
Number of Tarpaulins			ONE ✓	Do ✓	ONE ✓	Do ✓	Do ✓	2 ✓	Do ✓	Do ✓	Do ✓	Do ✓

\*Are wood fore and afters steel shod at all bearing surfaces? ✓

Are battens and wedges efficient and in good condition? Yes.

Are tarpaulins in good condition and in accordance with rule requirements? Yes.

Are lashings provided in accordance with rule requirements? Yes. Black lashing, has fitted to shelter deck lashing.

Are wood covers fitted with galvanised end bands? Yes.

\*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? ✓. Steel lashing, has fitted to shelter deck latches.

Are wood covers fitted with galvanised end bands? ✓

Particulars of any special features:— (Timber Deck-cargo Fittings, Skylights, Sewage Systems, Ash Ejectors, Rubbish Shoots, etc.)

Louage Hatch 18'-0" x 4'-6" with 9" BA coamings & efficient temporary means of closing provided. ✓

Small latches on shelter deck:— 1. In side space, 2'-6" x 2'-6" with 9" coaming, a steel latched U.T. cover secured by toggles. 2. Forward of No 5 Hatch 2'-3" x 2'-3" with 24" coaming and steel latched U.T. cover secured by toggles. ✓

Louage openings in Green deck bulkheads other than Louage well are 5'-0" x 37" with 12" plating with portable steel plates secured by hooked bolts. ✓