

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

No 33431

Ship's Name *M.V. EMPIRE WORDSWORTH*Port of Survey *Sunderland*

Official Number

*169027*Surveyor's Signature *W. S. L. Luller*

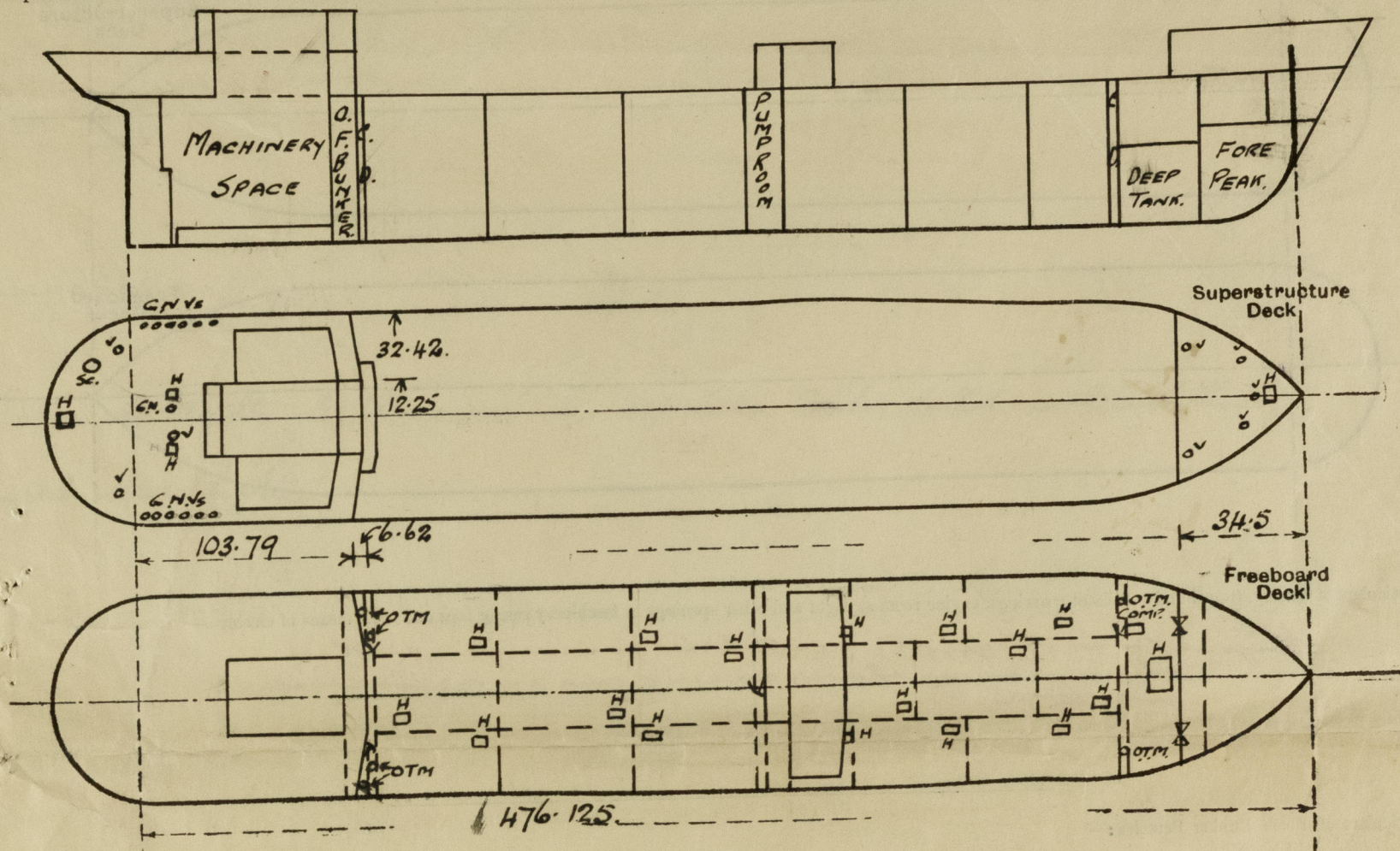
Nationality and Port of Registry

British, Sunderland

Date of Survey

During Construction

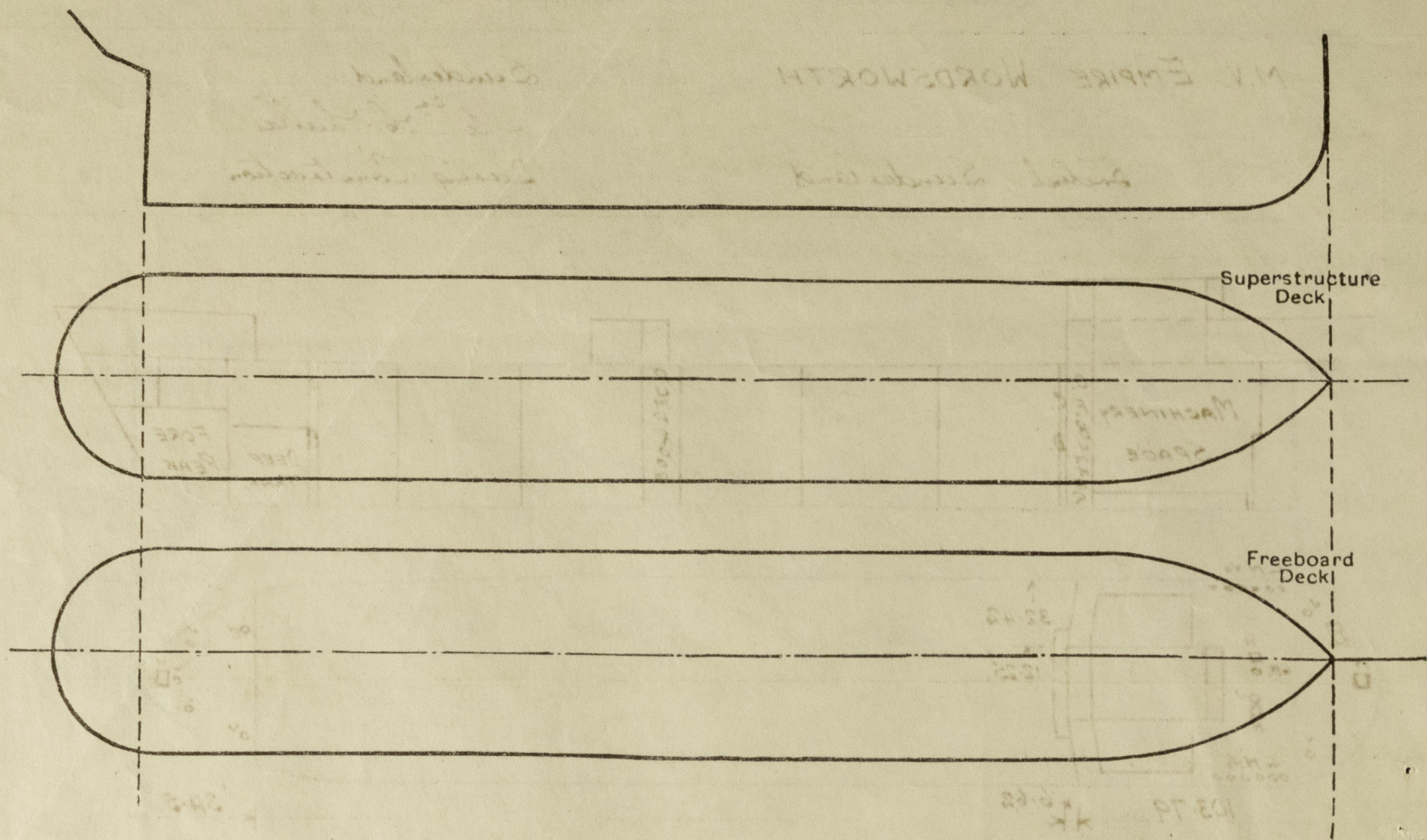
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



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 ...	44	44	10x3 1/2 x 1/2 L	30"	Lugged top welded to deck	2 @ 4'-6" x 2'-3"	18"	7'-6" ✓
Raised Quarter Deck Bulkhead ...		✓						
Bridge, After Bulkhead ...		✓						
Bridge, Forward Bulkhead ...		✓						
Forecastle Bulkhead ...	30	30	5x3 x 5/16 OA	30"	Riveted to boundaries	2 @ 4'-1" x 3'-1"	18"	7'-6" ✓
Trunk, Aft ...		✓						
Trunk, Forward ...		✓						
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...		✓						
Exposed Machinery Casings on Superstructure Decks ...	26	26	4x2 1/2 x 1/4		Continuous	NONE.	18"	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...		26	4x2 1/2 x 1/4					
Deckhouses on Flush Deck Ships ...								
Particulars of Closing Appliances (state if capable of being manipulated from both sides).								
Poop Bulkhead ...	Mechan. Type W.T. doors operated from both sides. ✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓							
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead ...	3" shifting boards in full height riveted channels. ✓							
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, ventilator coamings, & other openings in machinery casing are in accordance with the Rules

Particulars of Flush Bunker Scuttles:—

NONE

Particulars of Companionways:—

To Forward Pump Room. Plating 40, deck opening 3'7" x 3'0", door 4'0" x 2'3"
Coaming 20", hacha type W.T. door.
Pump Room Entrance plating 35 & 25, stiff 4 x 3 x 36 OA @ 30", beams 5 x 3 x 30 " @ 30"
door 4'0" x 2'3", 18" coaming, with hacha type W.T. door, 2 skylights 5'6" x 4'0".

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

FORE DECK. 2-9" Vents to Fore Deck Coaming 36" x 32"
2-15" " " " " 36" x 36"
1-6" " " " " 36" x 30"
POOP DECK. 3-6" Vents to Store, Steering Gear etc. " 30" x 30"
2-4", 13-5" G.N. " " Washhouses etc. 18" to lip.
UPPER DECK. 1-9" Vent. to Forward Pump Room Coaming 36" x 32"

Ventilators fitted with wood plug & canvas cover, G.N.'s with wood plugs.

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

Air pipes on Poop Deck to D.B. tanks etc. 18" to lip.
Air pipes " Upper " " " 36" to lip.
Air pipes fitted with wood plugs.

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes:—

6" x 2 1/2" slots cut in stringer angle, each side, to drain upper deck.
Discharges from spaces on or above freeboard deck, led to N.R. valves on shell, below freeboard deck.

Particulars of Side Scuttles:—

10" dia. sidelights to Accom in Poop Lower Deck, fitted with substantial hinged deadlights.

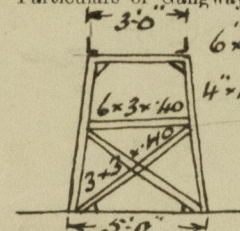
Vertical distance of Sill of lowest Side Scuttle above top of keel

42'6"

Particulars of Guard Rails:—

Steel bulwark 3'6" high in way of D-deckhouse, & at ends of Poop & Fore Decks.
on Poop & Fore Decks, & on remainder of Upper Deck, rails 3'6" high, stanchions 2 1/2" x 1/2" flat welded to deck, spaced 5'0" apart, 3 rails on Poop & Upper decks, 2 rails on Fore Deck.

Particulars of Gangways, Lifelines, etc.:—



Gangway 7'6" to 7'0" high, from Poop to bridge, & from bridge to Fore, with 1/4" chequered plating. Supports 9'6" to 9'10 1/2" apart, fore & aft bracing, 3 off forward & aft.

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 ...	✓					
Forward Well ...	✓					

State position of each freeing port ... (After Well:— ✓)

(F. and A. position and height above deck edge) (Forward Well:— ✓)

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.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway			FREEBOARD DECK.						
Dimensions of Hatchway			18 Hatches to Cargo Tanks. 5'-3" x 4'-0" Coaming 8" x 50", 50" O.T. covers with 14 toggles spaced 15".						
COAMINGS	{	Height above Deck	Hatch to Fore Hold. 8'-0" x 12'-0" Coaming 30" x 44" 7" L stiff at side & ends, 4 plate stay, 36" W.T. cover with 3-6" L stiff 20 toggles.						
		Thickness	Access Hatch in Covers 36" x 24", 4" Coaming 42" W.T. cover with 6 toggles.						
		Sides							
		Ends							
HATCH BEAMS	{	Stiffeners							
		Brackets, Stays							
		Number	6 Access Manholes to Cofferdam & O.F. Bunker. 23" x 18" 8" x 40" coamings, 50 O.T. covers with 5 toggles.						
		Spacing	Hatch to Chain Locker. 2'-0" x 1'-9" Coaming 9" x 40", Rest, Cover, Cleats, 1 tarpaulin.						
FORE AND AFTERS	{	Scantling and Sketch	Hatch to Fore Peak Store. 3'-0" x 3'-0" 9" L Coaming, Rest, Cover, Cleats 1 tarpaulin.						
		Bearing Surface							
		Number	FILE DECK.						
		Spacing	Hatch to Fore Lower Deck. 2'-6" x 2'-6" Coaming 4" x 38", 40" W.T. cover 8 toggles.						
HATCH COVERS	{	Unsupported Lengths	POOP DECK.						
		Scantling and Sketch	2 Hatches to Magazine & Store. 2'-6" x 2'-6" Coaming 9" x 40", 40" W.T. covers, 8 toggles.						
		Bearing Surface	Escape Hatch to Steering Gear 2'-0" x 2'-6" Coaming 8" x 40" 40" W.T. cover, 4 toggles.						
		Material	1-18" dia Flush Scuttle to Steering Gear Space. with substantial C.I. cover, bayonet joint & chain attachment.						
Thickness									
How fitted									
Bearing Surface									
Spacing of Cleats									
Number of Tarpaulins									
<p>*Are wood fore and afters steel shod at all bearing surfaces?</p> <p>Are battens and wedges efficient and in good condition?</p> <p>Are tarpaulins in good condition and in accordance with rule requirements?</p> <p>Are lashings provided in accordance with rule requirements?</p>									

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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Foundation