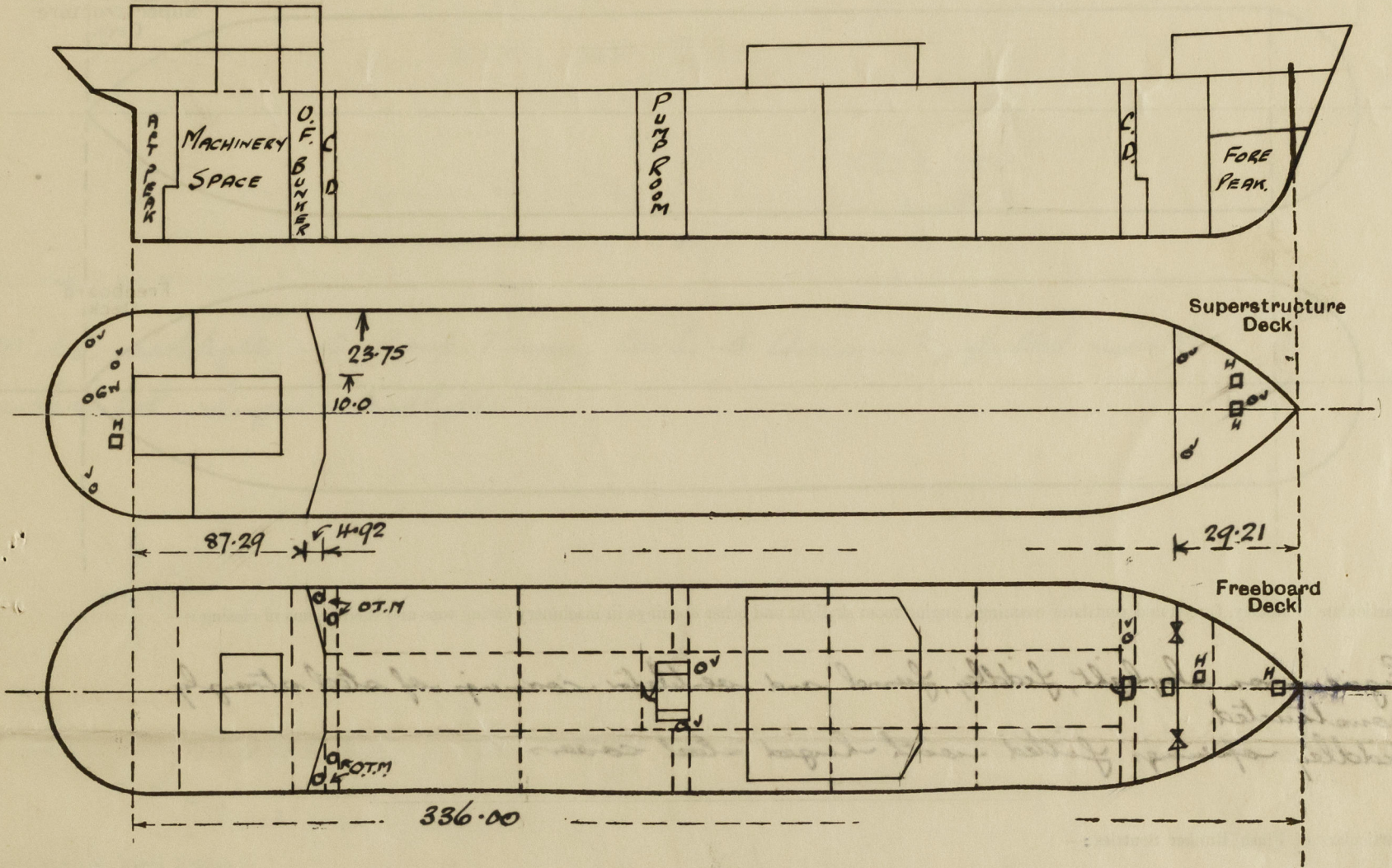


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Nº 34017

Ship's Name M.V. EMPIRE CREST. Port of Survey Sunderland
Official Number 180143. Surveyor's Signature W. E. Miller
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 :—

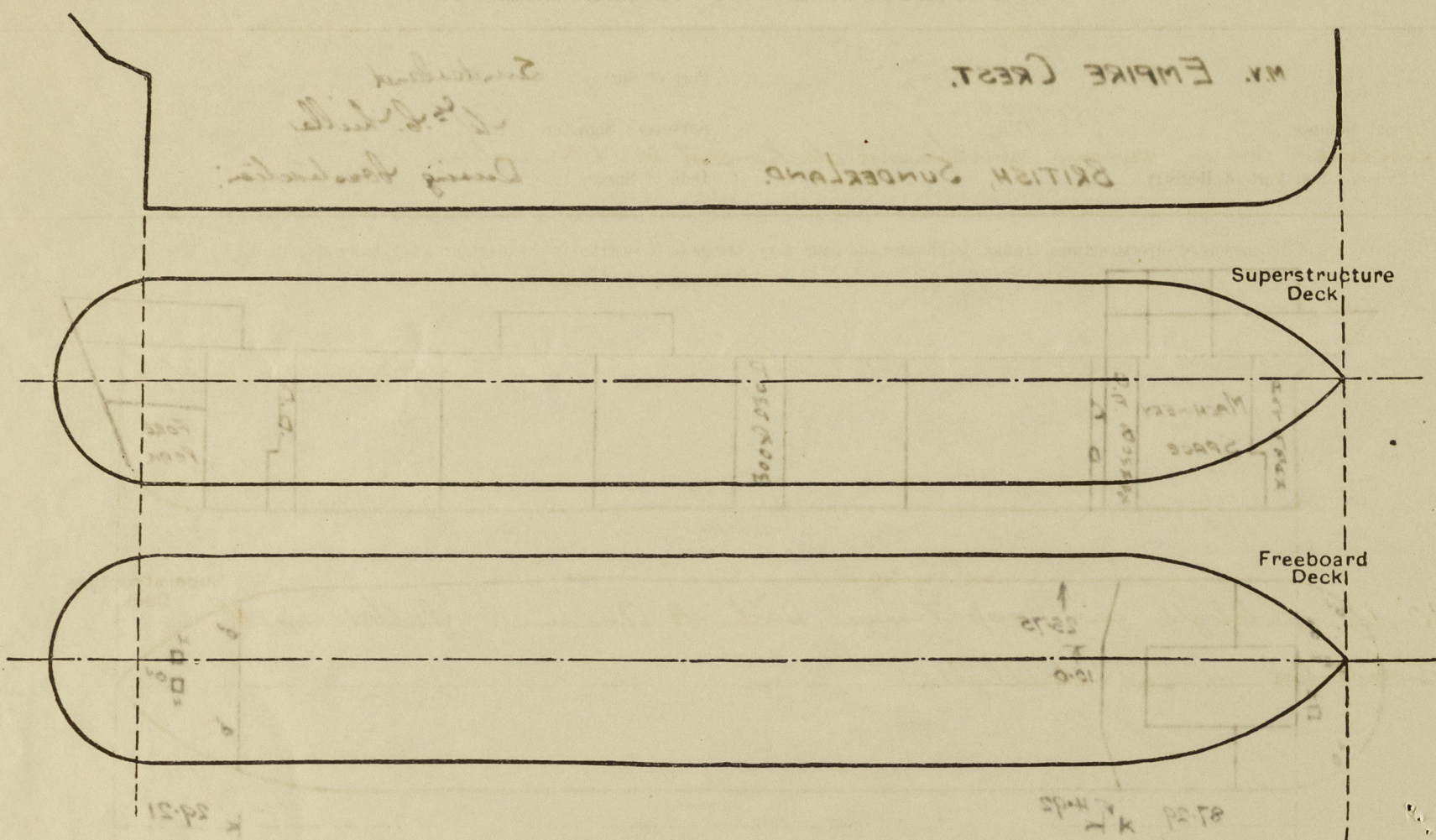


Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓	✓	9x3 1/2 x 3/8 L	24" - 33"	Blt top, lugged to deck	NONE.	✓	✓
Raised Quarter Deck Bulkhead ...	✓	✓						
Bridge, After Bulkhead ...	✓	✓						
Bridge, Forward Bulkhead ...	✓	✓						
Forecastle Bulkhead ...	✓	✓	4x3x 5/16	30"	welded to deck	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 ...	✓	✓	5x3x 1/4 L	30" - 34"	continuous		✓	✓
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 ...	✓ no openings -
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	2 1/2" 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, fiddle, funnel and ventilator coaming of steel strongly constructed.
Fiddle openings fitted with hinged steel covers.

Particulars of Flush Bunker Scuttles:—

NONE.

Particulars of Companionways:— on Freeboard Deck.

Rump Room Entrance 6'0" x 4'0" deck opening, plating 3/16", stiff 1/2" x 3/4" x 36" C.A. spaced 18" x 24" apart, braced up, 30-lb plates with beams 5'3" x 30" L, hecker Type W.T. door 4'0" x 2'3", 18" coaming, 2 skylights.
Ford Pump Room Entrance 5'0" x 2'4", plating 1/4", 3 1/2" x 3 1/2" x 40" stiff, hecker Type W.T. door 4'0" x 2'3", 18" coaming.

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

FILE DECK.
1-6" Vent. to Tween Decks Coaming 36" x 30"
2-9" " " " " " 36" x 32"

Ventilators fitted with wood plugs & canvas covers.

POOP DECK.
3-6" Vents to Stores etc. " 30" x 30"
1-5" G.N. Vent. " Magazine 18" x 6 lip.

FREEBOARD DECK
1-9" Vent. to Ford Pump Room Coaming 36" x 32"
2-15" " " " " " 36" x 40, 25" tube extending 9'9" from deck, stayed.

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

Air pipes on Poop & File Deck 18" x 6 lip.
Air pipes on Upper Deck 36" x 6 lip.
Air pipes fitted with wood plugs or gauge and canvas covers.

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Discharges on or above freeboard deck led to R.R. valves.

Particulars of Side Scuttles:—

10' dia. sidelights in Poop Tween Decks to Accom², fitted with substantial hinged deadlights.

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

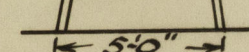
32'-0"

Particulars of Guard Rails:—

In way of Accom², bulwark 69' x 3'-6" x 25", rail has 6 x 3 x 34 L.
On remainder of Upper Deck, on Poop & File Deck, rail 3'-6" high, 3 rods, stanchions about 5'-0" apart.

Particulars of Gangways, Lifelines, etc.:—

Fore & Aft Gangway 7'-6" high from Poop to Bridge House, & from Bridge House to File, 1/4" chequered plating, fore & aft bracing 3' off fore, 3' off aft, supports spaced 8'-9" x 9'-6" apart, also 9'-10" rails 3'-6" high, 2 rods at gang way side.



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:— ✓)

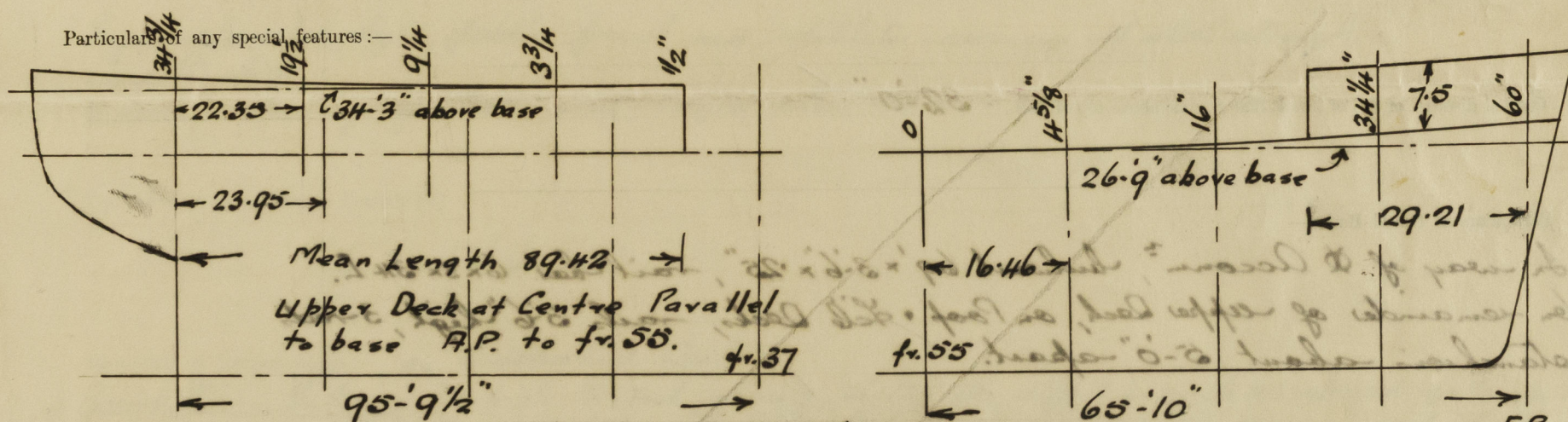
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— ✓

Additional area where sheer is less than standard. ✓

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.	
Description of Hatchway	<u>FREEBOARD DECK.</u>
Dimensions of Hatchway	<u>15 Hatches to Cargo Tanks. 48" dia x 10" 3/4" coaming, 140 O.T. covers, 8 toggles.</u>
COAMINGS	Height above Deck
	Thickness { Sides
	{ Ends
	Stiffeners ...
HATCH BEAMS	Brackets, Stays
	Number ...
	Spacing ...
	Scantling and Sketch
FORE AND AFTERS	Bearing Surface
	Number ...
	Spacing ...
	Unsupported Lengths
HATCH COVERS	Scantling* and Sketch
	Material ...
	Thickness ...
	How fitted ...
Spacing of Cleats	Bearing Surface
	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:—

U.D.K. CAMBER

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

