

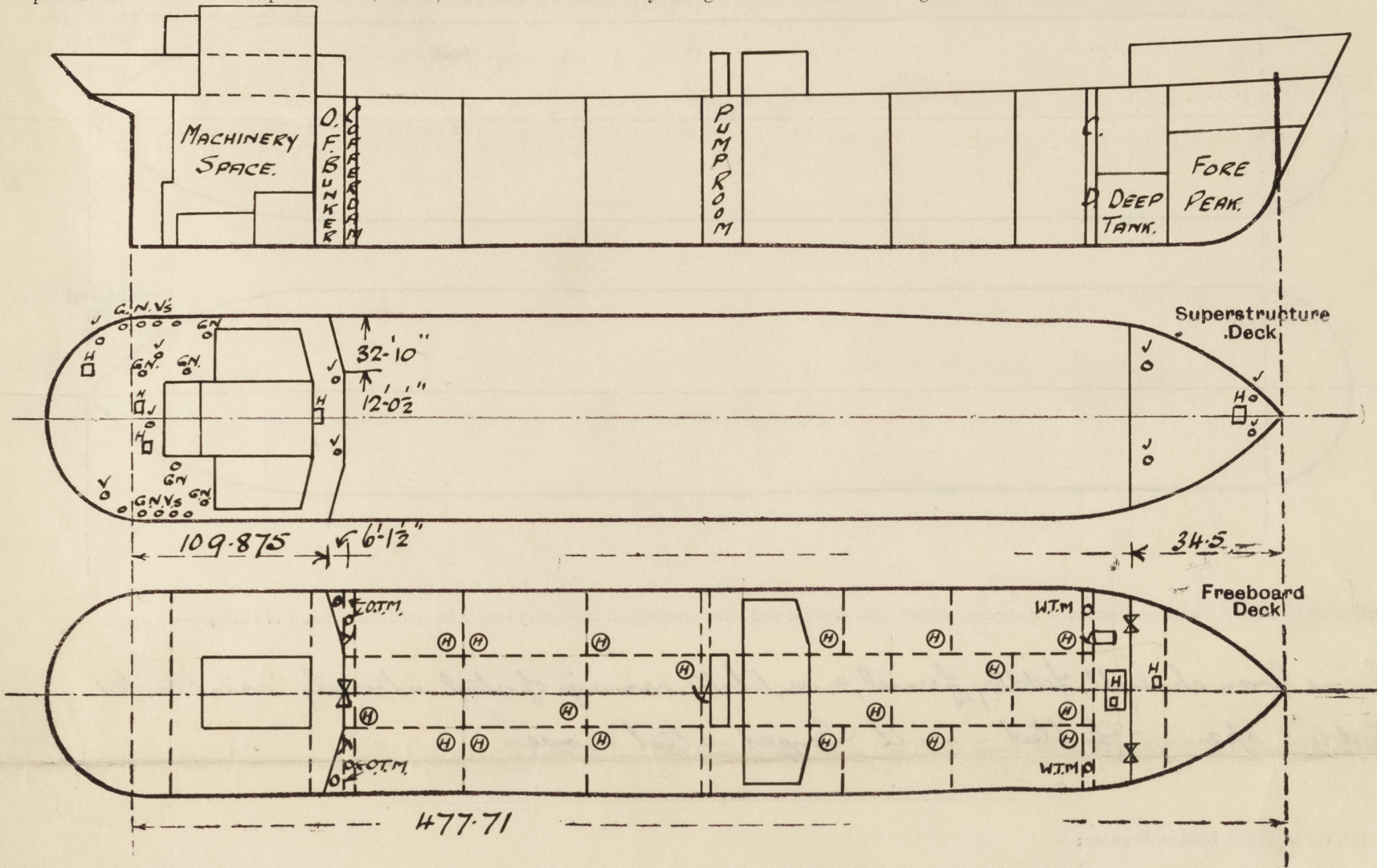
Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Nº 33826

"KELANTAN"

Ship's Name *EMPIRE BERESFORD.* Port of Survey *Sunderland*
Official Number *180025 2016* Surveyor's Signature *W. C. Hulls*
Nationality and Port of Registry *BRITISH, SUNDERLAND.* Date of Survey *During Construction.*
Liberian Monrovia

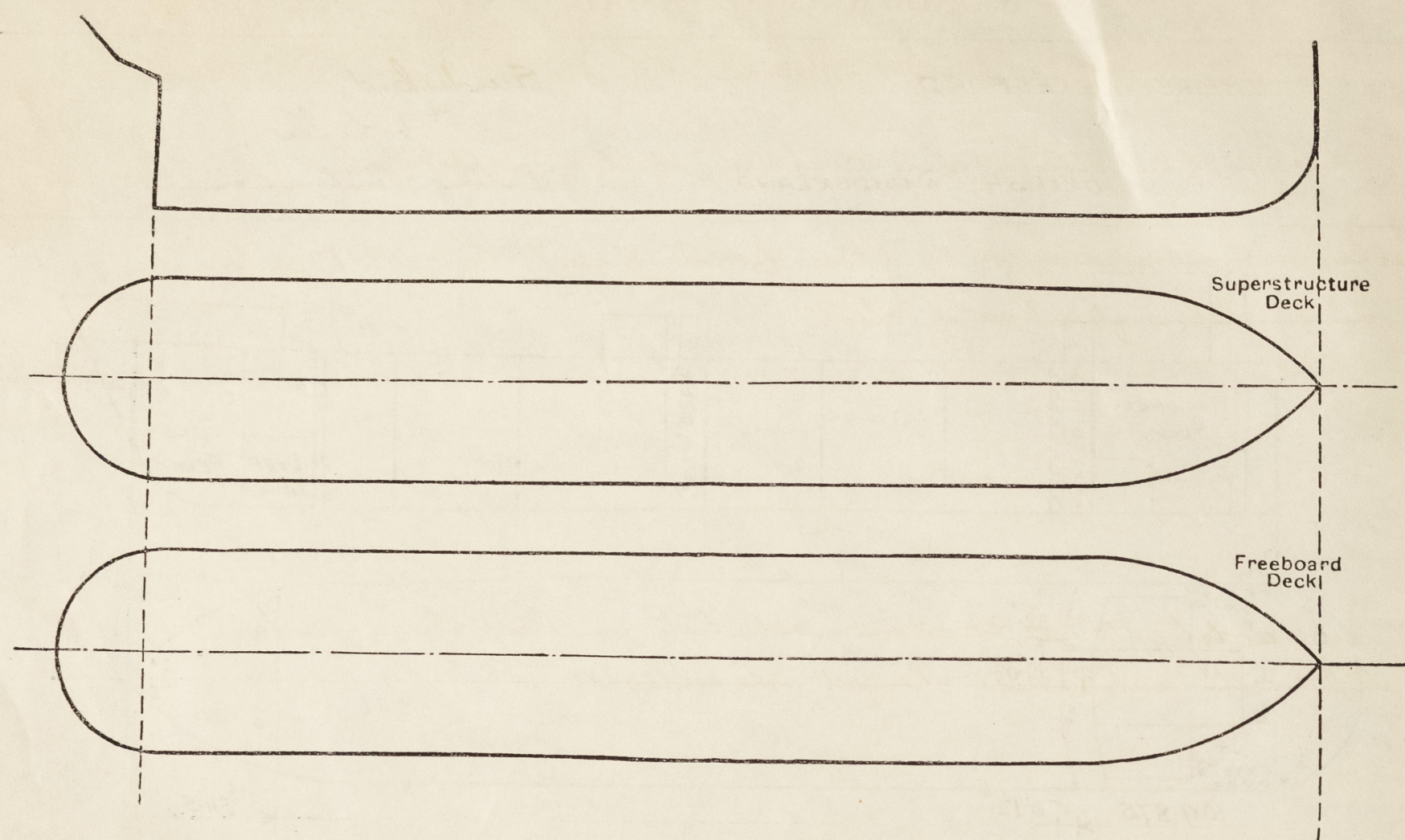
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement :--



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	10x32x.50 L	30"	Lugged top welded to deck	2@ 4-6x2-3 (a) 1@ 5-6x4-1 (b)	18"	7'-6"
Raised Quarter Deck Bulkhead ...		✓						
Bridge, After Bulkhead		✓						
Bridge, Forward Bulkhead		✓						
Forecastle Bulkhead ... ..	.30	.30	5x3x 5/16 OA	30"	Raised to boundaries	2@ 4-1x3-1"	18"	7'-6"
Trunk, Aft		✓						
Trunk, Forward		✓						
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...		✓						
Exposed Machinery Casings on Superstructure Decks ... ..	.34	.32	5x3x 3/8 BA	30"	continuous	NONE	✓	✓
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	(a) Checa Type W.T. doors operated from both sides (b) 3 1/2" shifting boards in full height sweeted channels.							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead	✓							
Bridge, Forward Bulkhead	✓							
Forecastle Bulkhead	3" shifting boards in full height sweeted 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, & ventilator coamings of steel strongly constructed.
Fiddle opening fitted with hinged steel cover.

Particulars of Flush Bunker Scuttles:—

NONE.

Particulars of Companionways:— on Freeboard Deck.

To Land Pump Room. plating 40, deck opening 3'2" x 2'9", door 4'0" x 2'3", coaming 19",
Mechan Type W.T. door.
Pump Room Entrance plating 35, 25, stiff 4" x 3" x 36" OA @ 30", beams 5" x 3" x 30" L @ 30",
door 4'7" x 2'3", 18" coaming, Mechan Type W.T. door, 2 skylights 5'6" x 4'0".

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

Freeboard Deck.
2-9" Vents to Fore Treen Deck Coaming 36" x 32".
2-15" " " Fore Hold " 36" x 36".

Poof Deck
6-6" Vents to Stores, Steering Gear etc. " 30" x 30".
14-5" G.H.'s to Washhouse etc. 18" to Lip.

Upper Deck.
1-9" Vent to Land Pump Room Coaming 36" x 32".

Ventilator fitted with wood plug & canvas cover.

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

Air pipes on Poof Deck to D.B. tanks 18" to Lip.
Air pipes on Upper Deck to D.B. tanks 36" to Lip.

Air pipes fitted with wood plug or gauge & canvas cover.

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:—

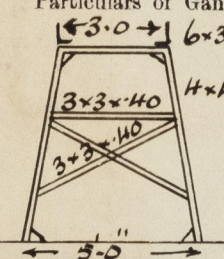
10" dia. sidelights to accommodation in Poof Treen Deck, fitted with substantial hinged deadlights.

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 midship deckhouse & at ends of Poof & Fore Deck on Poof & Fore Deck, & 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 Poof & Upper Deck, 2 rails on Fore Deck.

Particulars of Gangways, Lifelines, etc.:—



Gangway 7'-6" high from Poof to Bridge, 7'-0" high from Bridge to Foremast with 1/4" chequered plating. Supports 9'-6" & 9'-10 1/2" apart, fore & aft bracing, 3 off aft, 2 off forward. Lifeline from forward ladder to Fore Mast. No crew berthed forward.

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. ✓

BARRSFORD
Kelantan.

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 48" dia x 10" 3/4" coaming, 140" O.T. covers 8 toggles						
COAMINGS	{	Height above Deck	Hatch to Fore Hold. 8' x 12' x 30" 1/4" coaming, 7" L stiff sides & ends, plate stays						
		Thickness	36 W.T. covers with 5 1/2" L stiff, 20 toggles. Access Hatch in cover						
		Stiffeners	36' x 24' x 5" coaming, 42" W.T. cover with 6 toggles. ✓						
		Brackets, Stays	6 Access Manholes to Cofferdams & O.F. Bunker 23' x 18' x 8' x 40" coaming						
HATCH BEAMS	{	Number	50" O.T. covers with 5 toggles. ✓						
		Spacing	Hatch to Chain Locker. 21' x 24' x 9" L coaming, rest, cover, cleats, 1 tarpaulin.						
		Scantling and Sketch	F'LE DECK.						
		Bearing Surface	Hatch to Fore Tween Decks. 30' x 30' x 4" x 40" 140" W.T. cover, 8 toggles. ✓						
FORE AND AFTERS	{	Number	POOP DECK.						
		Spacing	Hatch to Deck Store 30' x 30' x 18' x 40" coaming, rest, cover, cleats, 2 tarpaulins. ✓						
		Unsupported Lengths	2 Hatches to Magazine Store 30' x 30' x 9' x 40" coaming, 40" W.T. covers, 8 toggles.						
		Scantling* and Sketch	Escape Hatch to Steering Gear. 21' x 21' x 9' x 40", 40" W.T. cover, 4 toggles.						
HATCH COVERS	{	Material							
		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? Yes. ✓</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? Yes. ✓</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.

