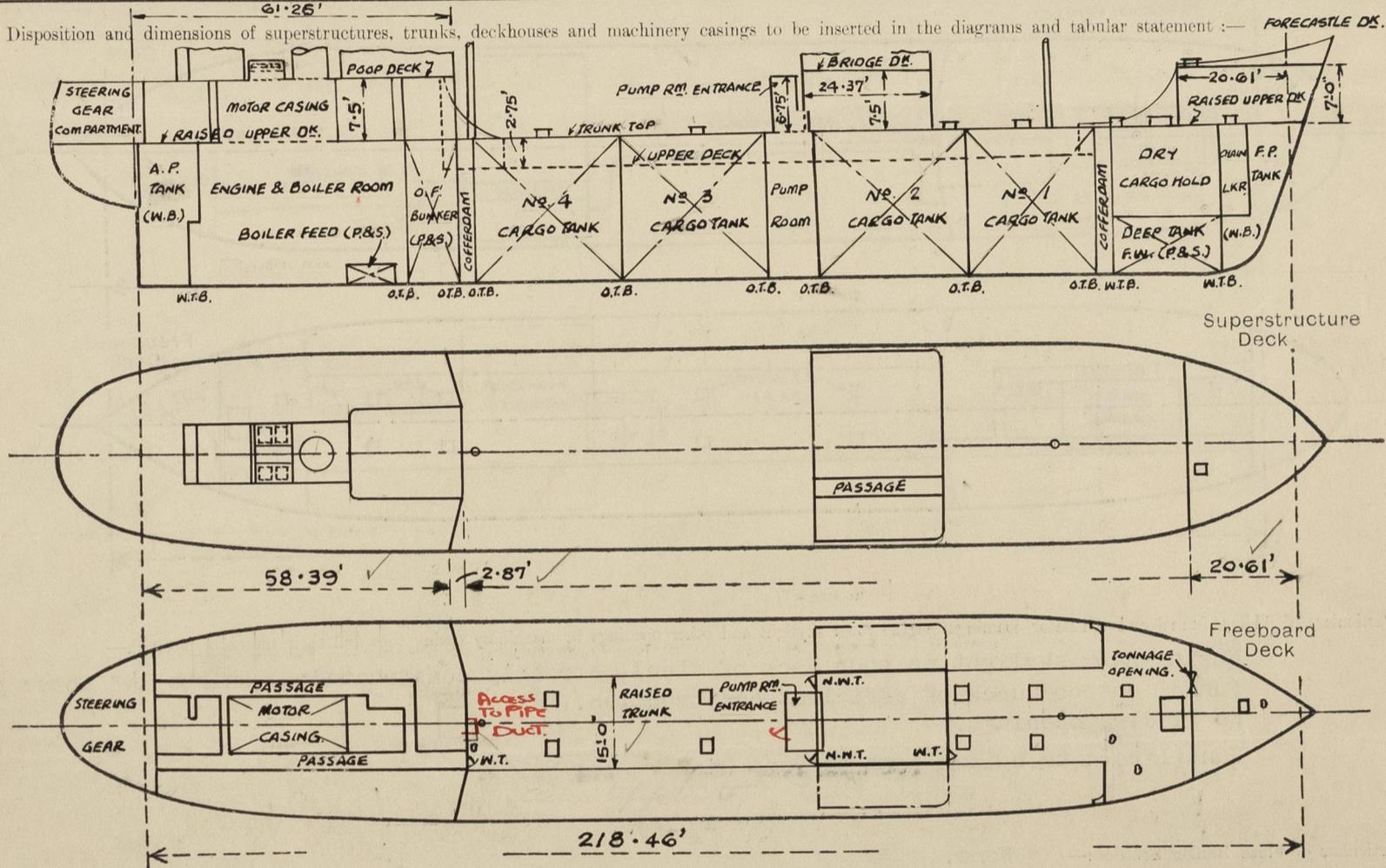


Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

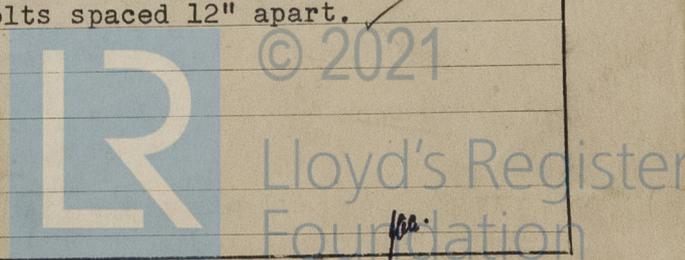
(CONDITIONS OF ASSIGNMENT.)

Ship's Name "FRENULINA" Port of Survey Hong Kong.
 Official Number 169457 Surveyor's Signature *Jensul Andersen*
 Nationality and Port of Registry British London. Date of Survey 16th March, 1954.



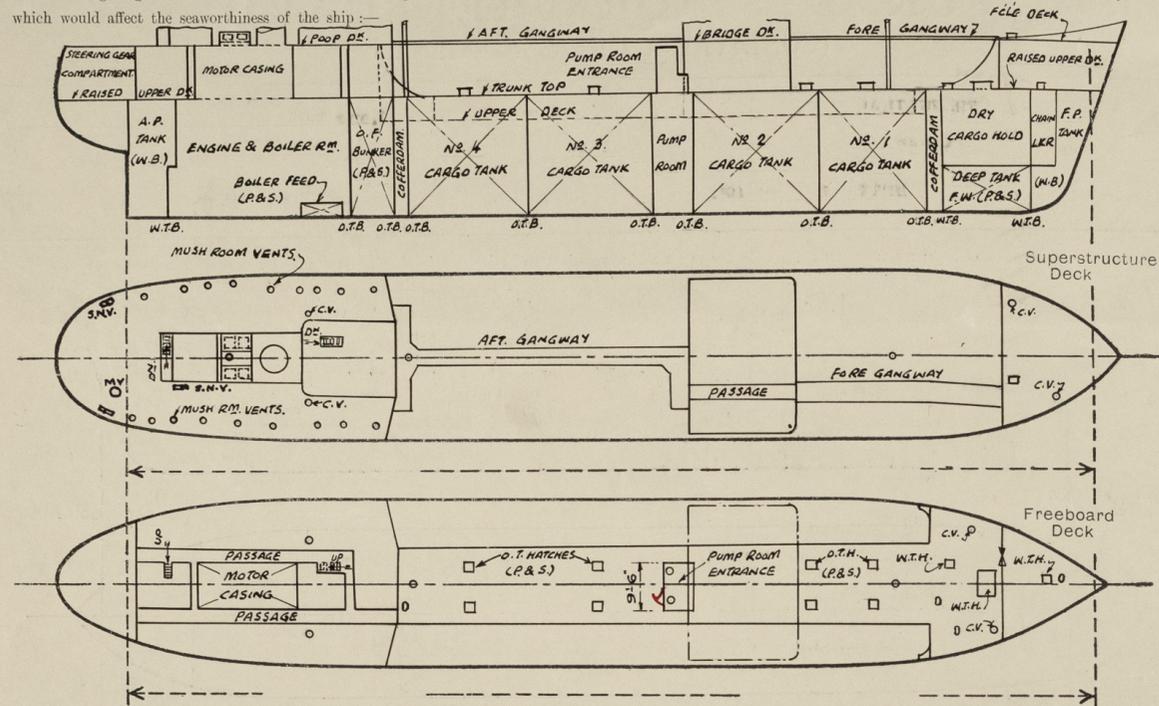
Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	-	.30 ✓	6x3½x.44 B.A.	27" - 30"	Top - lugged Btm. - lugged & bktd.	5'-0"x2'-0"	18"	7'-6"
Raised Quarter Deck Bulkhead (at sides of trunk) ...	-	.30 ✓	3x.30 flat.	34"	None.	-	-	2'-9"
Fore-castle Bulkhead ...	-	.36 ✓	-	-	-	-	-	2'-9"
Fore-castle Bulkhead... Side	.30 ✓	.25 centre .30 side	3x3x.30 O.A.	30"	Bktd. T. & B.	5'-0"x4'-0"	15"	7'-0"
Trunk, xxx Top	.35	-	35 flanged webs, sp. 7'-6" & 9'-4½" with intermediate bkts 35 thick	35"	Webbs 2R to transverses	-	-	2'-9"
Fore-castle Bulkhead ...	-	.35 & .40	Transverses 11x.35 fl. 4" 7'-6"x9'-4½" 7x3x.36 B.A. longls. 28½"	28½"	Bracketed	See particulars of hatches.	-	-
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...	Not exposed.							
Exposed Machinery Casings on Super-structure Decks ...								
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 ...	Steel hinged W.T. door, operated from both sides. ✓
Raised Quarter Deck Bulkhead ...	-
Fore-castle Bulkhead ...	-
Raised Upper Dk. Bhd. Ford.	-
Fore-castle Bulkhead... Side	.40" steel plate cover secured by hook bolts spaced 12" apart. ✓
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...	-
Exposed Machinery Casings on Super-structure 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 on poop deck of steel, strongly constructed; openings 14" above poop dk.
- Funnel on poop deck of efficient construction.
- No fiddle openings.
- Ventilators to boiler room on Poop Deck - see below.

Particulars of Flush Bunker Scuttles:- None.

Particulars of Companionways:- To crew accommodation - in house on Poop Dk. (forward); wood door 4'-9"x1'-10", operated from both sides, sill 16" above deck; and in house on Poop Dk. (aft); wood door 4'-9"x1'-10", operated from both sides; sill 18" above deck.
Main pump room entrance on trunk top of steel, strongly constructed. Opening in after end, 4'-6" x 2'-0", sill 18" above trunk top. Steel hinged W.T. door, operated from both sides.

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

- F'cle deck. 2 @ 6" dia. C.V. to f'cle. Coamings 18" x .30".
- Raised Upper deck 2 @ 10" dia. C.V. to Cargo Hold. Coamings 36" x .32".
- Poop deck 2 @ 22" dia. C.V. to stokehold. Coamings 44" x .40" stayed to house side.
- 18 @ 6" dia. screw down mushroom vents to crew spaces. Coamings 6" x .30".
- 2 @ 5" dia. S.N.V. to steering gear space. 18" high to opening.
- 1 @ 5" dia. S.N.V. to drying room. 18" high to opening.
- 1 @ 12" dia. mushroom type, coaming 18" high - steel & canvas covers.

All cowl vents constructed to Rule requirements and fitted with wood plugs & canvas covers.

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

- F'cle Deck 1 @ 4" dia. to fore peak; 18" high to opening.
- Raised Upper Deck 2 @ 4" dia. to deep tank; 25" high to opening.
- Trunk Top 2 @ 4" dia. to Ford. Cofferdam; 18" high to opening.
- 2 @ 3" dia. to After Cofferdam; 18" high to opening.
- 2 @ 3" dia. to Oil Fuel Bunkers; opening 8'-6" above trunk top, secured to poop front.
- Poop Deck 2 @ 2" dia. to Feed Water Tank; 18" high to opening.
- 2 @ 4" dia. to Aft Peak; 18" high to opening.

All air pipes fitted with gauzes except to water tanks which are fitted with wood plugs and canvas covers.

Particulars of Gangway Cargo and Coaling Ports:- None.

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Particulars of Scuppers and Sanitary Discharge Pipes:-

- Scuppers from poop deck led through ship's side above R.Q.Dk.
- Scuppers from R.Q.Dk. led to Eng. Rm. bilge; fitted with screw plugs.
- Scuppers from W.C.'s & washplaces on R.Q.Dk. led through ship's side below R.Q.Dk. & fitted with storm valves at outlets.
- Discharges from W.C.'s & washbasins on R.Q.Dk. led through ship's side below R.Q.Dk. & fitted with single storm valves at outlets. Storm valves of fabricated mild steel, galvanized.
- Scuppers from steering gear space on R.Q.Dk. led through deck to W.T. compartment abaft aft peak (drained by hand pump).

Particulars of Side Scuttles:-

- In poop - 10" dia.
- Sidelights of substantial construction and fitted with hinged deadlights.

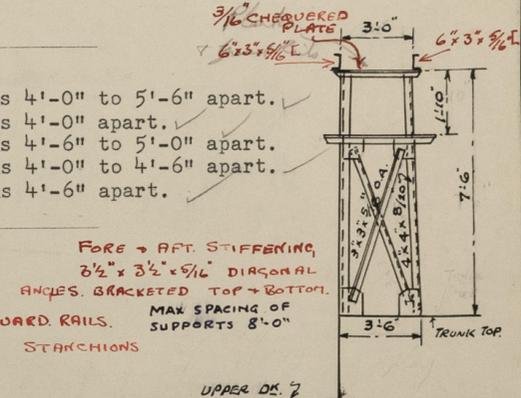
Vertical distance of Sill of lowest Side Scuttle above top of keel. None below freeboard deck.

Particulars of Guard Rails:-

- F'cle Deck Open rails, 3'-6" high, with 3 rods, stanchions 4'-0" to 5'-6" apart.
- Raised Upper Dk. " " 3'-6" high, with 2 rods, stanchions 4'-0" apart.
- Upper Deck " " 3'-6" high, with 3 rods, stanchions 4'-6" to 5'-0" apart.
- Trunk Top " " 3'-6" high, with 2 rods, stanchions 4'-0" to 4'-6" apart.
- Poop Deck " " 3'-6" high, with 3 rods, stanchions 4'-6" apart.

Particulars of Gangways, Lifelines, etc.:-

Gangway between Poop & Bridge House and between bridge House and Forecastle. FITTED WITH 2 ROD GUARD RAILS. (1 1/2" DIAM. TOP 3/4" DIA. BOTTOM), 2 1/2" x 5/8" FLAT BAR STANCHIONS SPACED 4'-6" APART.



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 ...	10'-6"	4'-3"	Mooring pipe 10"x8" Freeing port 30"x7"	1 1	.45 sq.ft. 1.45 sq.ft.	
Forward Well ...	2'-6"	3'-0"	None.			

State position of each freeing port ... Bulwark; 1'-0" from poop front; 1/2" above deck edge.
(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 XXXXXXXXXX SUPERSTRUCTURE DECKS.							FCSLE. DECK
		← RAISED UPPER DECK →			← TRUNK TOP →				
Description of Hatchway	...	To Chain Locker	To Cargo Hold.	To Pump Rm. Ford.	To Ford. Cofferdam	To Cargo Oil Tanks	To After Cofferdam	To Pipe Duct.	To Fcsle. Space.
Dimensions of Hatchway	...	2'-0" x 1'-7"	3'-9" x 5'-0"	2'-0" x 2'-0"	1'-7" x 1'-7"	2'-6" x 2'-6" 3P.&3S.	1'-7" x 1'-1"	3'-6" x 2'-6"	1'-10" x 1'-6"
COAMINGS	Height above Deck	Coaming	Coaming	Coaming	Coaming	Coaming	Coaming	Coaming (Opening in trunk top)	Coaming
	Thickness { Sides	9x3x.40	9x3x.40	9x3x.40	9x3x.40	10x3x.45	9x3x.40		3"x.40 flat
	Thickness { Ends	B.A.	B.A.	O.A.	O.A.	B.A.	O.A.	2-1"x1-2"	welded to deck.
	Stiffeners ...				welded toe on.		welded toe on.	Coaming	
HATCH BEAMS	Number40 steel plate cover secured by toggles spaced 14" apart.	.25 steel plate cover secured by toggles spaced 15" apart.	.40 steel plate cover secured by tap bolts spaced 3 1/2" apart.	.50 steel plate cover secured by toggles spaced 13" apart.	.40 steel plate cover secured by tap bolts spaced 3 1/2" apart.	18" high x.30" thick steel plate cover secured by tap bolts spaced 3 1/2" apart.	Steel plate cover .25" thick secured by toggles 15" apart.
	Bearing Surface ...								
FORE AND AFTERS	Number ...								
	Bearing Surface ...								
HATCH COVERS	Material ...	W.P.							
	Thickness ...	2 1/2"							
	How fitted ...	Slab							
	Bearing Surface ...	3"							
Spacing of Cleats	...	12"-15"							
Number of Tarpaulins	...	2							

*Are wood fore and afters steel shod at all bearing surfaces? -
 Are battens and wedges efficient and in good condition? At chain locker hatch. Yes. ✓
 Are tarpaulins in good condition and in accordance with rule requirements? " " " " Yes. ✓
 Are lashings provided in accordance with rule requirements? -

Particulars of any special features :-

pe.

