

DISCLOSED

SECTION

NO 346
27193

Index No.
(For London Office only).

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

MAY 30 1938

FEDERLOCK

EX

Ship's Name

S.S. FEDERAL

Port of Survey

Osaka

Official Number

171162

Surveyor's Signature

H. J. P. M. & C. Macpherson.

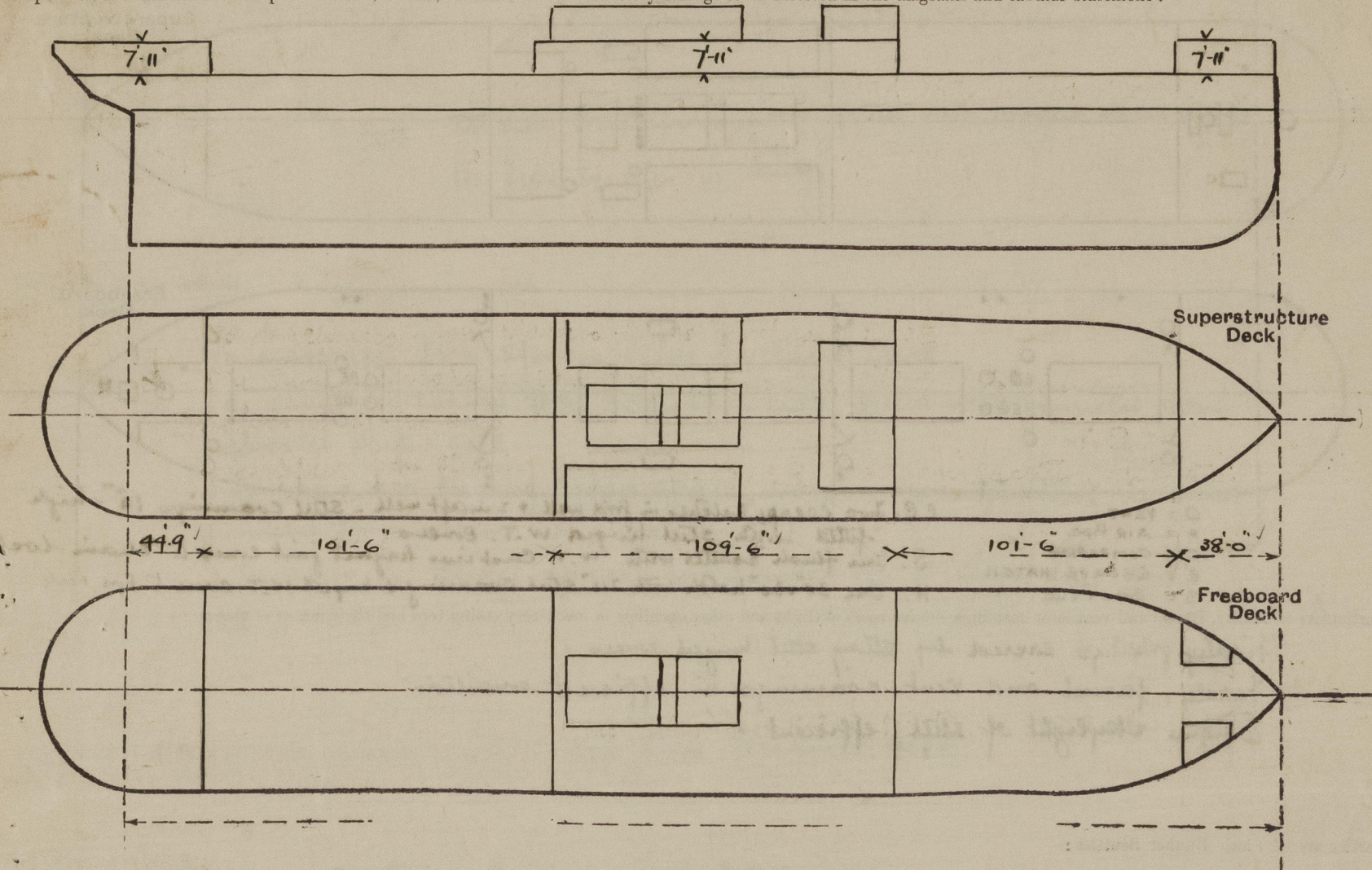
Nationality and Port of Registry

British, Shanghai.

Date of Survey

13th to 30th April 1938.
+ 2nd to 9th May.

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.

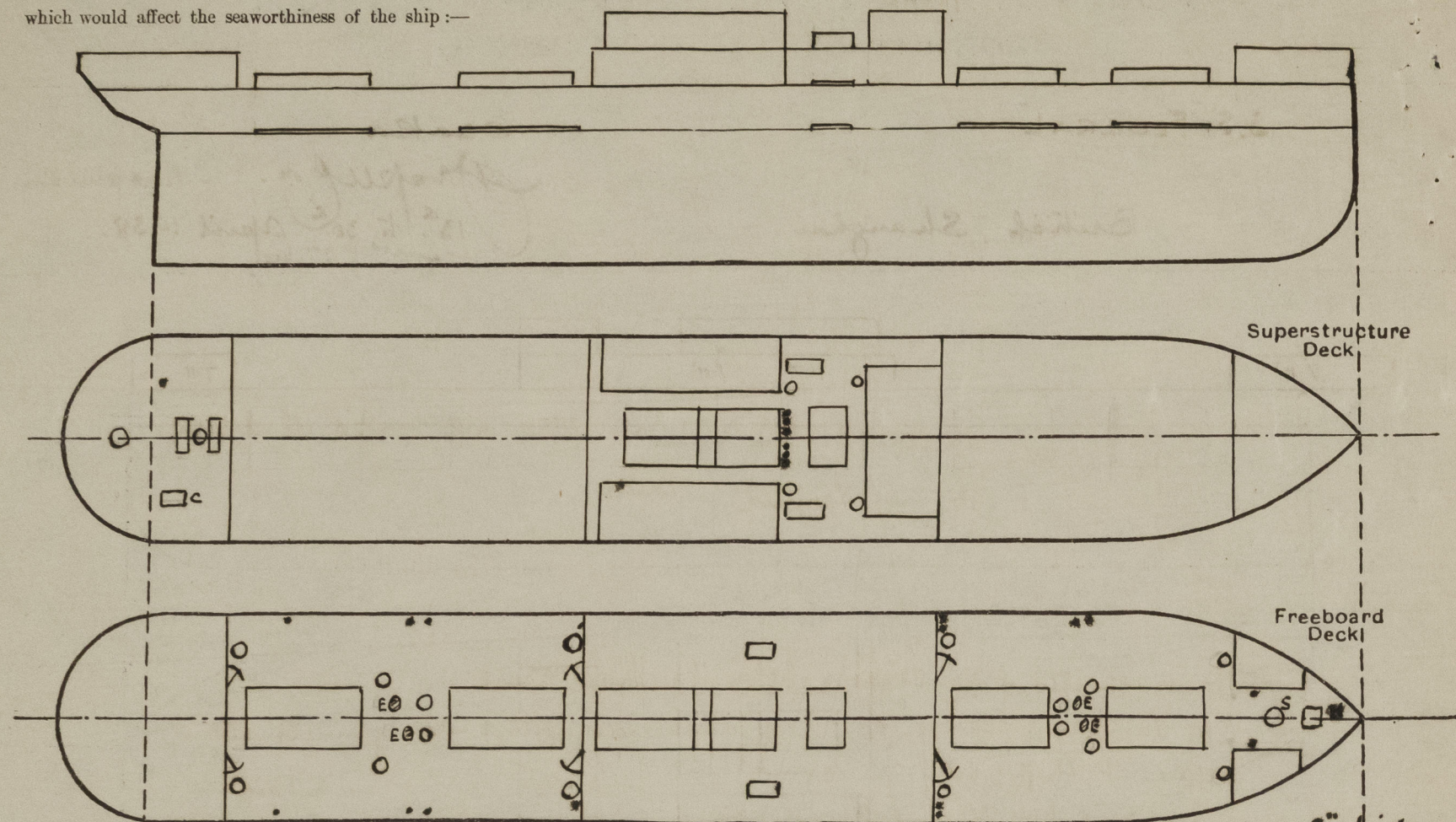
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	44	40	[7 x 3 x 3/8]	36"	B.R. top, by bottom	56" x 26"	18"	
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	36	30	6 x 3 1/2 x 3/8	36"	B.R. at top only	56" x 26"	18"	
Bridge, Forward Bulkhead ...	44	40	[10 x 3 1/2 x 3/8]	36"	B.R. top & bottom	60" x 48"	12"	
Forecastle Bulkhead ...				NONE.				
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	36	30	3 1/2 x 3 x 3/8	30"	NONE	60" x 26"	15"	7'-6"
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. doors operated both sides.
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	Steel hinged W.T. ditto doors operated both sides.
Bridge, Forward Bulkhead ...	Steel hinged W.T. doors operated from outside only.
Forecastle Bulkhead ...	open
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 ...	Steel hinged doors operated from both sides.
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:-
 Fiddle gratings covered by strong steel hinged covers.
 Fiddle, funnel and vent. coamings in efficient condition.
 Engine skylight of steel, efficient.

Particulars of Flush Bunker Scuttles:-

NONE.

Particulars of Companionways:-

On Poop:- One strong steel companion on Star. side with steel hinged door operated from both sides. Coaming 10" high. Two steel skylights on Poop deck with 15" coamings and hinged steel covers.

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

4 - 24" vents with 36" coamings in forward well.
 4 - " " " " " after " "
 2 - " " " " " high, stayed, coamings at fo'ls end.
 2 - " " " " " " Bridge front.
 2 - " " " " " " end.
 2 - " " " " " " Poop front.
 2 - " " " " " " on Bridge deck.
 2 - 18" diameter port vents on Bridge deck.
 2 - 18" vents with 36" coamings on Poop deck.
 All coamings, strongly constructed, riveted to deck, & fitted with wood flaps & canvas covers.

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

Number and position as shown on above sketch.
 All 36" high on upper & Bridge decks.
 A.P. air pipes 36" high on Poop deck.
 All fitted with wood flaps or canvas covers.

Particulars of Gangway Cargo and Coaling Ports:-

NONE

Particulars of Scuppers and Sanitary Discharge Pipes:-

All side scuttles in Poop fitted with hinged dead lights.
 No side scuttles in Bridge.

Particulars of Side Scuttles:-

No discharges from spaces below Freeboard Deck.
 One sanitary discharge from Poop, each side, fitted with gunmetal storm valves at ship's side.
 3 Scuppers from steering engine space, & 3 from Crew's quarters, all fitted with gunmetal storm valves at ship's side.
 3 Scuppers in Bridge space, now blanked off at ship's side and led to Bilge.

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

NONE below Freeboard Deck.

Particulars of Guard Rails:-

ON Poop, Bridge, & Fore Deck.
 39" high, 2 rails, stanchions 5'-0" apart.

Particulars of Gangways, Lifelines, etc.:-

Satisfactory arrangements for rigging life lines in both wells.

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	101.6	4.0	44" x 15"	4	39 sq ft	20.3 sq ft
Forward Well	101.6	4.0	44" x 15"	4	39 sq ft	20.3 sq ft

State position of each freeing port ... After Well:- From aft. end of Bridge 19', 42", 71", 94"
 (F. and A. position and height above deck edge) Forward Well:- From Bridge front 27', 43", 60", 80" 13"

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:- No Shutters, 3 Vertical Bars.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
← Upper Deck → → Bridge Deck →									
Description of Hatchway	N° 1	N° 2	N° 3	N° 4	Cross Bunker	Coal Hatch	Cross Bunker	Coal Hatch	
Dimensions of Hatchway	←	all	31' 6" x 17' 8"	→	10' 6" x 17' 8"	4' 6" x 2' 4"	10' 6" x 17' 8"	7' 10" x 3' 0"	
COAMINGS	Height above Deck		30"		3"	3"	24"	24"	
	Thickness		50"		1/2"	1/2"	44"	44"	
	Sides		44"		none	none	none	none	
	Ends		44"		none	none	none	none	
HATCH BEAMS	Number		6		2		2		
	Spacing		4' 6"		3' 6"		3' 6"		
	Scantling and Sketch		15" x 7 1/2" x 36" 7 x 3 x 7/16 4 x 3 x 7/16		Same	none	Same	none	
	Bearing Surface		3"		3"		3"		
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling* and Sketch		None		None	none	none	none	
HATCH COVERS	Material		wood		wood	wood	wood	wood	
	Thickness		2 3/4"		2 3/4"	2 3/4"	2 3/4"	2 3/4"	
	How fitted		for 2"		for 2 1/2"	thru 2 1/2"	for 2 1/2"	thru 2 1/2"	
	Bearing Surface		2 1/2"		2 1/2"	2 1/2"	2 1/2"	2 1/2"	
Spacing of Cleats			24"		none	none	26"	26"	
Number of Tarpaulins	2	2	2	2	none (Class I)	none	2	2	
*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/>									
Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/>									
Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/>									
Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/>									

Particulars of any special features:—

The vessel has been surveyed afloat and in dry dock and all requirements for a 2nd S.S. N° 3, & re-classification carried out at this time.

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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