

Lloyd's Register of Shipping.

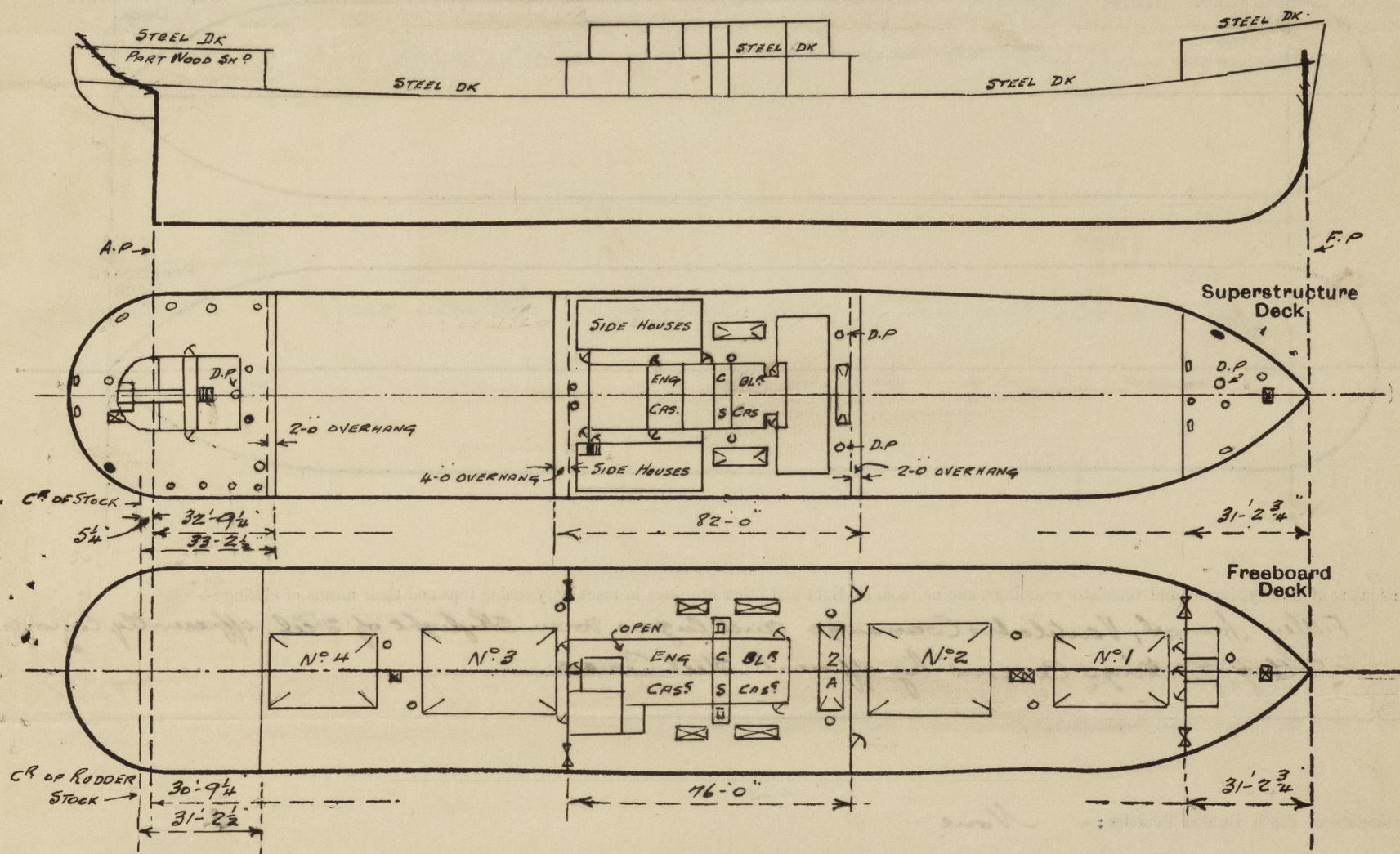
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

13 OCT 1945

Ship's Name *EMPIRE CRUSOE*Port of Survey *Troon*Official Number *169268*Surveyor's Signature *H. Deerson for H.P. Martin and Self.*Nationality and Port of Registry *Troon*Date of Survey *September 1945*

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.

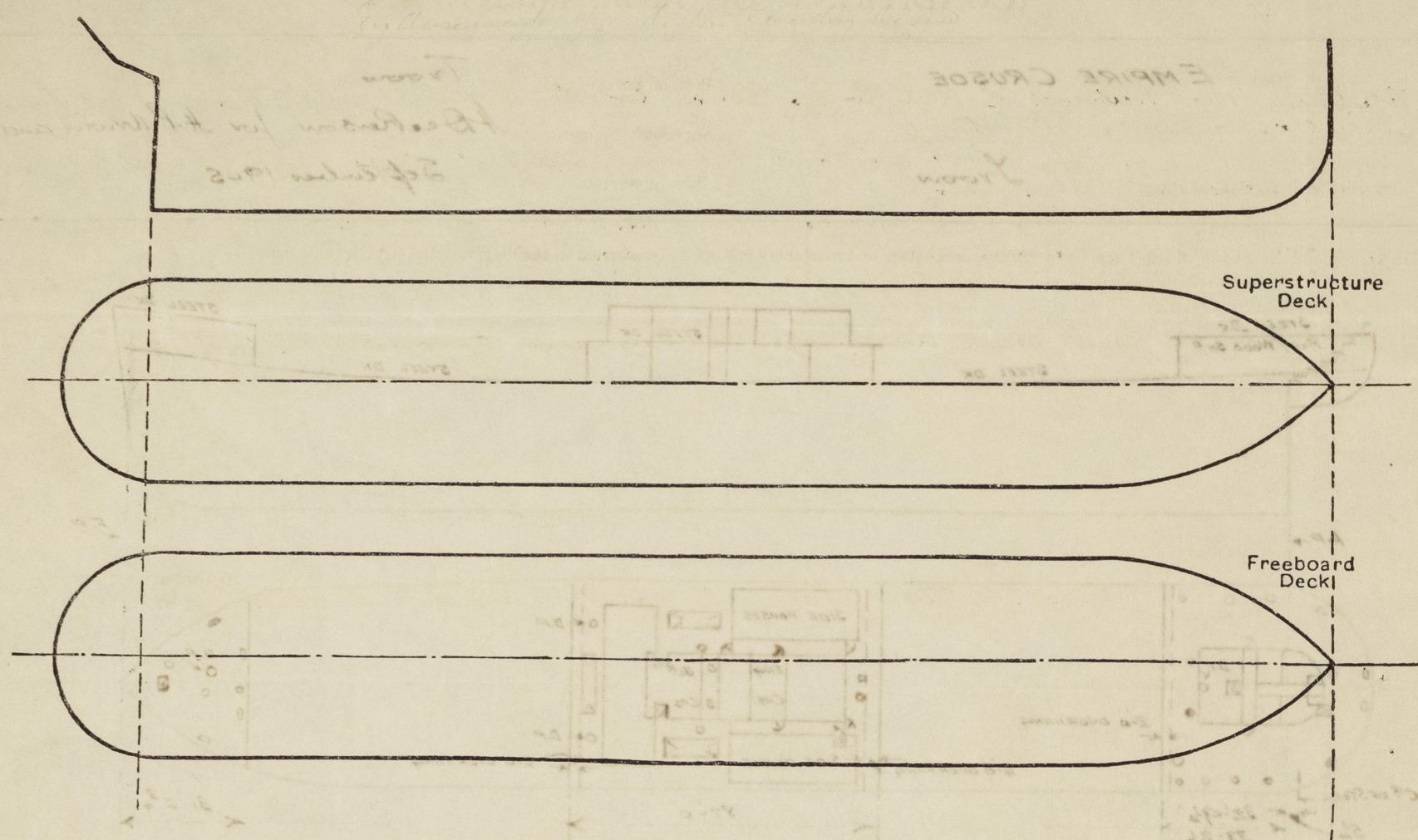
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...		.33"	5" x 3" x 5/8"	24" to 20"	Lugged	None		7'-9"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...		.27"	4" x 2 1/2" x 5/16"	19 1/2" to 30"	None	2 @ 4'-1" x 3'-1" 2 @ 5'-0" x 2'-6"	19"	9'-0"
Bridge, Forward Bulkhead ...		.39"	8" x 3 1/2" x 3/8"	27" to 30"	Lugged	2 @ 4'-9" x 2'-10 1/2"	19 1/2"	9'-0"
Forecastle Bulkhead ...		.27"	4" x 2 1/2" x 5/16"	27" to 30"	None	2 @ 5'-1" x 3'-1" 3 @ 4'-6" x 2'-0"	19"	7'-0"
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	.34"	.30"	3" x 3" x 5/16"	24"	None	2 @ 5'-0" x 2'-0"	18"	7'-9"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	.30"	.25"	3" x 2 1/2" x 5/16"	24"	Riveted to beams at top	2 @ 6'-6" x 3'-0" in Saddle Bunkers 1 @ Coal Bunker 2 @ 5'-0" x 2'-1" to fidley	2'-9" 18"	9'-0"
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 ...	Storm boards full height in steel channels and hinged steel doors operated from both sides
Bridge, Forward Bulkhead ...	Hinged steel W.T. doors operated from both sides
Forecastle Bulkhead ...	Storm boards full height in steel channels and hinged steel doors operated from both sides
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	
Exposed Machinery Casings on Superstructure Decks ...	2 Hinged steel doors operated from both sides
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	2 Hinged steel doors operated from both sides
Deckhouses on Flush Deck Ships ...	2 Hinged steel doors operated from one side only.

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:—

Fidley funnel, Ventilator Coamings and Engine Room Skylight of Steel, efficiently constructed
Fidley gratings Covered by efficient Steel Covers.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:—

Entrance to Poop Deckhouse
Incorporated in efficient Steel Deckhouse
2 openings 5'0" x 2'0" with hinged Wood doors operated from both sides
Sills 19½"

Entrance to Engine Room
On upper OK at after end of bridge. Hinged Steel W.T. Door operated from both sides
5'0" x 2'0" Sill 19"

Companionway in Officers Deckhouse, giving access to Store in Bridge Tween Decks
Hinged Wood door 5'0" x 2'0" Operated from both sides
Sill 18"

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

Forecastle 2-6 Cowl Vents to Fide Coaming 3'0" x 30
4-6 Goose-neck Vents to Fide 3'0" high
1-6 Mushroom Vent to Fide
1-19" Efficient Derrick post Vent to hold.
Upper Deck 4-15 Cowl Vents to hold Coamings 3'0" x 36
1-15 " " " 11'6" x 36 Supported
Bridge Deck 2-12 " " " Bridge Coamings 2'6" x 34
1-12 " " " Tunnel Coaming 2'6" x 34
2-19" Efficient Derrick post Vents to No 2 hold.
Poop Deck 1-15 Cowl Vent to No 3 hold Coaming 2'6" x 36
1-9 " " " Poop Coaming 2'6" x 38
2-6 Goose-neck Vents to Poop 18" high
2-19" Efficient Derrick post Vent to No 2 hold
1-10 Mushroom Vent to Poop
1-6 " " " " "

Closing Appliances
Supplied

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

Forecastle 1-4" dia to Fore peak Tank 18" High
1-4 " " " No 1 B. Tank " "
Upper Deck 2-4 " " " 2 " " 36" "
2-2½ " " " 6 " " " "
Bridge Deck 2-3½ " " " 3 " " " 18" "
2-3½ " " " 4 " " " "
2-4 " " " Deep Tanks in E.R. " "
2-3½ " " " No 5 B. B. Tank " "
Poop Deck 1-4 " " " After Peak Tank " "

Closing Appliances
Supplied

Particulars of Gangway Cargo and Coaling Ports:—

None

Empire Crusoe.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers from freeboard deck in bridge space led to Engine & Boiler Room bilge with self closing Cocks at bottom
Soil discharges from above freeboard deck led overboard above freeboard deck with brass storm Valves at Ship's Side
Scuppers and Wash basin discharges from deckhouses on bridge and poop decks led overboard above freeboard deck with storm Valves at Ship's Side
Sink discharges from poop space led overboard above freeboard deck with storm Valves at Ship's Side
There are no Soil pipe, discharges or overboard Scuppers from poop space.

Particulars of Side Scuttles:—

Side scuttles fitted with efficient hinged deadlights

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

All Side scuttles above freeboard deck.

Particulars of Guard Rails:—

Forecastle Two tier rails 3'2" high with stanchions about 5'0" apart
Bridge Deck " " " " " " " " " " " "
Poop " " " " " " " " " " " "
Upper " Efficient bulwarks with 7" B.A. Rail supported by stanchions about 6'0" apart

Particulars of Gangways, Lifelines, etc.:—

Efficient appliances for Lifelines fitted port and starboard in forward and after 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	82'0"	5'0"	2 @ 12'0" x 8½" 1 @ 14'0" x 8½"	3	17'0 } 26.9 9.9 } Sq ft	16.4 Sq ft
Forward Well	90'0"	5'0"	3 @ 12'0" x 8½"	3	25.5 Sq ft	18.0 Sq ft

State position of each freeing port ... After Well:—From bridge end 8'0", 36'0", 66'0"
(F. and A. position and height above deck edge) Forward Well:—From bridge post 10'0", 40'0", 70'0" } 6½" above deck edge.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— None.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.															BRIDGE		Bow		Stern	
FREEBOARD DECK																				
Description of Hatchway	To CHAIN LOCK	ESCAPE HATCHES FOR	N°1	N°2	N°2A	N°3	N°4	COALING HATCHES	ESCAPE HATCHES	2 COAL HATCHES	N°2A	To CRUS. STERN	To FLE SPACE							
Dimensions of Hatchway	1-8' 2-6'	5-0' 2-6'	32' x 22'	34' x 24'	8' x 24'	34' x 24'	32' x 22'	20' 10' 3' 6' 3'	2-6' 12-0' 3-0'	5-10' x 16-0'	2-0' 2-0'	1-8' 2-0'								
COAMINGS	Height above Deck ...	31"	3-7 1/2	3-7 1/2	9' 8 1/2	2-7 1/2	2-7 1/2	9' 8 1/2	9' 8 1/2	31"	31"	18'	18'							
	Thickness ...	.38	.50	.50	.38	.50	.50	.38	.38	.44	.44	.30	.38						
	Stiffeners ...	—	9 x 3 1/2 x 7/8	9 x 3 1/2 x 7/8	—	9 x 3 1/2 x 7/8	9 x 3 1/2 x 7/8	—	—	—	7 x 3 1/2 x 3/8 in Fore End	—	—							
	Brackets, Stays	—	2	2	—	4 1/2	4 1/2	—	—	—	—	—	—							
HATCH BEAMS	Number ...		5	6	1	6	5	—	—	—	—	—	—							
	Spacing ...		5-4	4-10	4-0	4-10	5-4	—	—	—	—	—	—							
	Scantling and Sketch																			
	Bearing Surface	PLATE ANGLES	20" x 35" 5 x 3 x .44 4	20" x 35" 5 x 3 x .50 4	17" x 35" 5 x 3 x .50 4	20" x 35" 5 x 3 x .50 4	20" x 35" 5 x 3 x .44 4													
FORE AND AFTERS	Number ...																			
	Spacing ...																			
	Unsupported Lengths																			
	Scantling* and Sketch																			
	Bearing Surface																			
HATCH COVERS	Material ...	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Eff.							
	Thickness ...	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	Eff.							
	How fitted	F.A.	F.A.	F.A.	F.A.	F.A.	F.A.	ATH.	ATH.	ATH.	ATH.	F.A.	Keel							
	Bearing Surface	2 1/2"	3"	3"	3"	3"	3"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	Steel							
	Spacing of Cleats	24	24	24	24	24	24	24	24	24	24	24	Cover							
	Number of Tarpaulins	1	2	2	2	1	2	1	1	2	2	2	Cover							

*Are wood fore and afters steel shod at all bearing surfaces? —
 Are battens and wedges efficient and in good condition? yes
 Are tarpaulins in good condition and in accordance with rule requirements? yes
 Are lashings provided in accordance with rule requirements? yes

Particulars of any special features:—

Timber Freeboard.

Length of Forecastle more than 7% of the length of the vessel.

Prop fitted

Machining Casings on freeboard deck protected

Centre division in Double Bottom Tanks Watertight for 1/2 length of vessel.

Efficient Bulwarks fitted 4-9 to 5-0 high. 7" BA rail bar end strong bulwark stanchions about 6-0 apart

Steering gear protected

Auxiliary steering gear protected

Eye plates for lashings riveted to sheerstrake, the distance from the end bulkheads to the nearest eyeplate being not more than 6-0 and the eyeplates spaced not more than 10-0 apart

Sockets for eyeplates fitted not more than 10-0 apart

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.



© 2020

Lloyd's Register Foundation