

OCT -7 1940

Index No. 36379  
(For London Office only).

## Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

B.T. COPY.

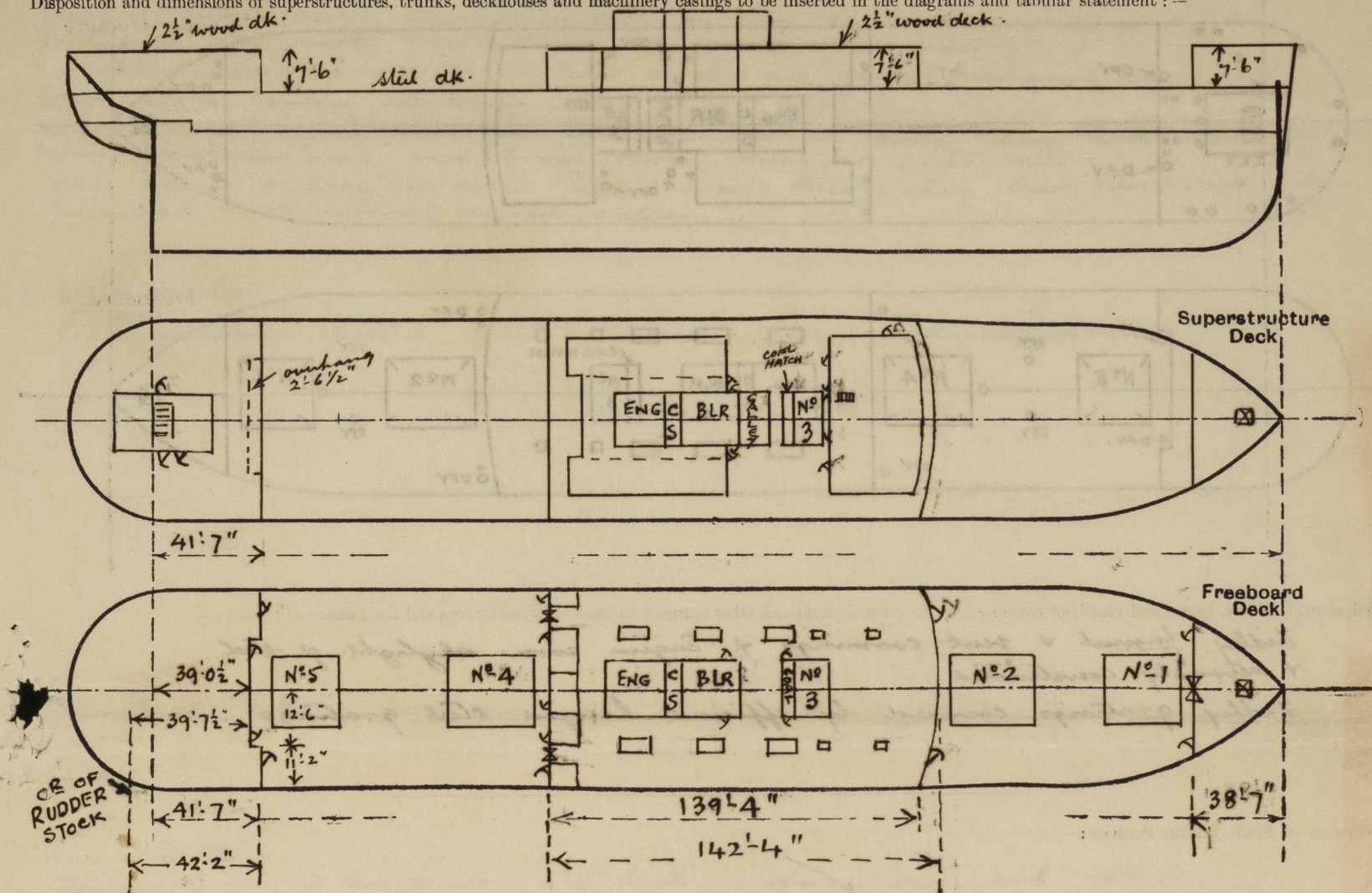
(CONDITIONS OF ASSIGNMENT.)

No. 18075

"SAFINA-E-JAMHORIAT"

Ship's Name *EX* "ISMAILA" Port of Survey *West Hartlepool.*  
 Official Number *168047.* Surveyor's Signature *W. J. Lang.*  
 Nationality and Port of Registry *British London.* Date of Survey *Whilst building Oct. 1940.*

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 ...	✓	.38	6 x 3 x .44 A	24" L 30"	BKTS & lugs	4 at 5'0" x 2'1"	18"	7'6"
Raised Quarter Deck Bulkhead ...				✓				
Bridge, After Bulkhead ...	✓	.30	4 x 3 x .32 A	21" L 36"	none	2 at 5'1" x 3'1" 3 at 5'0" x 2'0" 1 at 5'0" x 2'3" 1 at 5'0" x 2'9"	18"	7'6"
Bridge, Forward Bulkhead ...	✓	.44	9 x 3 1/2 x .42 B D	24" L 30"	Bkts.	2 at 5'6" x 3'6"	18"	7'6"
Forecastle Bulkhead ...	✓	.30	4 x 3 x .32 A	30"	none	1 at 5'1" x 4'1" 2 at 5'0" x 2'0"	18"	7'6"
Trunk, Aft ...				✓				
Trunk, Forward ...				✓				
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...				✓				
Exposed Machinery Casings on Superstructure Decks ...	.30	.26	3 x 2 1/2 x .30	30 1/2"	none	2 at 5'0" x 2'0"	18"	7'9"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	.30	.26	3 x 2 1/2 x .30	30 1/2"	none	1 at 4'6" x 3'0" 2 at 5'0" x 2'0"	21" 18"	7'6" 7'6"
Deckhouses on Flush Deck Ships ...				✓				

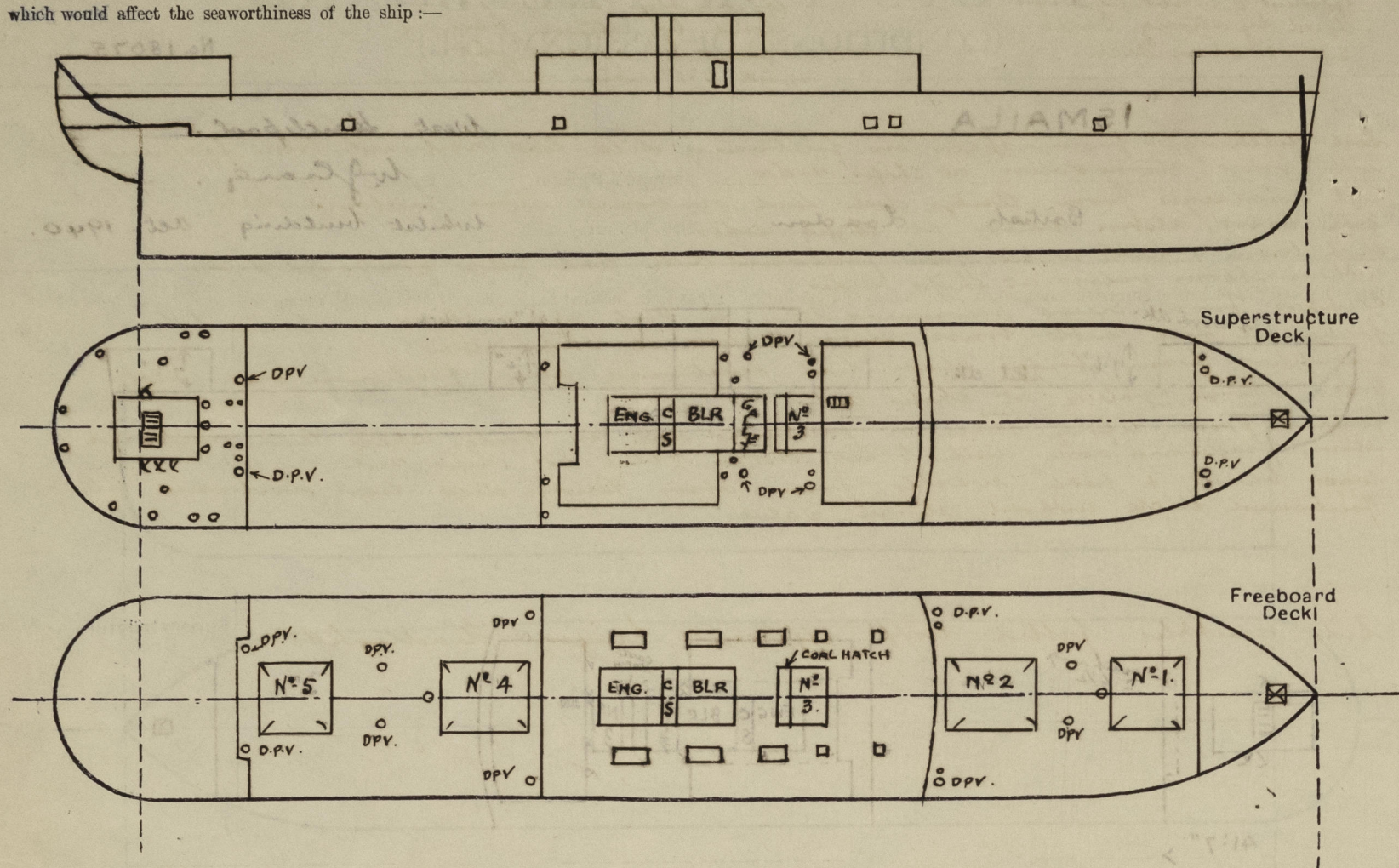
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	Hinged steel doors operated from both sides ✓
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	3" storm boards in riveted channels full height 1 1/2" hinged solid hardwood doors operated from both side ✓
Bridge, Forward Bulkhead ...	Hinged steel w.t. doors operated from both sides ✓
Forecastle Bulkhead ...	3 1/4" storm boards in riveted channels full height Hinged steel doors operated from both sides ✓
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 ...	Hinged steel doors operated from both sides 1 opening stanch engine casing closed by steel through bolted plate (hinged) Hinged steel 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 funnel & vent coamings & Engine room skylight of steel & strongly constructed.  
Fiddle gratings covered by efficient hinged steel gratings.

Particulars of Flush Bunker Scuttles:—

Particulars of Companionways:—

Companionway incorporated in Poop deckhouse & leading to lower decks.  
4 hinged steel doors 5'0" x 2'0" operated from both sides sill 18".

Companionway incorporated in Saloon deckhouse leading to bridge lower decks.  
4 - 5'0" x 2'0" openings and 1 - 5'0" x 2'10" opening with 1 1/2" hinged hardwood doors operated from both sides Sills 16".

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

**Forecastle:** 2 derrick post vents to hold & lower dks efficiently constructed.  
2 6" gooseneck vents (c. 9) coaming 18" high.  
**Upper deck fore:** 1 - 21" vent to hold & lower dks coaming 36" x 40".  
2 - 21" vents (derrick posts) to hold & lower dks 10'0" x 62" supported by mast tabernacle.  
2 - 17" vents to hold & lower dks 11'9" x 38" supported.  
2 derrick post vents to hold & lower dks efficiently constructed.  
**Bridge deck:** 2 - 21" vents to hold & lower dks 11'6" x 40" supported.  
1 - 12" " " Bridge space 30" x 34".  
2 - 17" " " bunkers 30" x 35".  
2 - 12" " " lower dks 11'0" x 34" supported.  
2 derrick post vents efficiently constructed.  
3 - 6" vents to bridge space 30" x 30".  
1 - 6" gooseneck vent (c. 9) 18" high.

Upper deck aft:—

2 - 21" vents to hold & lower dks efficiently constructed & supported by mast tabernacle 10'0" x 62".  
1 - 21" vent to hold & lower dks 33" x 40".  
4 derrick post vents to hold & lower dks efficiently constructed.  
**Poop:** 4 - 15" vents to Poop space 30" x 36".  
1 - 12" " " 30" x 34".  
2 - 8" " " 30" x 30".  
2 - 6" " " 30" x 30".  
10 - 6" gooseneck vents (c. 9) 18" high.

Vent coamings supplied with closing appliances.

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

**Forecastle dk:** 1 - 4" air pipe to fore peak 18" high.  
1 - 6" " " No. 1 B.B. tank 18".  
**Upper deck:** 1 - 7-6" " " " D.B. tanks 36".  
**Bridge deck:** 1 - 14-6" " " " " 18".  
**Poop dk:** 1 - 1-4 1/2" " " " A.P. tank 18".

air pipes fitted with closing appliances.

Particulars of Gangway Cargo and Coaling Ports:—

Hinged steel cargo door in Bridge space port & starboard 5'9" x 3'6" opening, door efficiently constructed & closed by strong backs / Sill 8" above deck.

5 hinged steel cargo doors p.s. between foreboard & second decks. 2'10" x 2'10" openings. Doors efficiently constructed & closed by strong backs & jointed watertight Sill 3'1" above 2nd deck.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Soil discharges from spaces on foreboard deck lead overboard below foreboard dk with brass storm valves at ship's sides.  
Soil discharges from Bridge deck lead overboard above foreboard deck with brass storm valves at ship's sides.  
Wash basin & bath wastes from foreboard deck lead below foreboard deck without storm valves at ship's sides.  
Scuppers from crew accommodation in Poop space lead overboard below foreboard deck with brass storm valves at ship's sides.  
6 scuppers from bridge space lead overboard above foreboard deck with brass storm valves at ship's sides.  
Scuppers from rigging stores on foreboard deck in bridge space lead overboard above foreboard deck with brass storm valve at ship's sides.  
Wash basin & bath wastes from above Bridge deck lead overboard above foreboard deck without storm valves.

Particulars of Side Scuttles:—

Side scuttles fitted with efficient hinged deadlights.

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

31'5 3/4

Particulars of Guard Rails:—

**Forecastle:** 3 tier rails 3'6" high, stanchions 4'6" apart.  
**Bridge:** 3 " " 3'6" " " 4'6" to 5'0" apart.  
**Poop:** 3 " " 3'6" " " 4'6" to 5'0" apart.

Particulars of Gangways, Lifelines, etc.:—

Lifelines fitted in forward & after hulls.

## 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 ...	101'8"	3'5"	7'5" x 7'0" 12'0" x 7'0" 12'0" x 7'0"	1 1 1	22.05	20.33 f.
Forward Well ...	98'10"	3'5"	10'0" x 7'0" 11'5" x 7'0" 11'3" x 7'0"	1 1 1	22.96	19.76 f.

State position of each freeing port ... After Well:— 5'0", 30'9", 60'6" from bridge end 6" up.  
(F. and A. position and height above deck edge) Forward Well:— 7'7 1/2", 38'1 1/2", 60'1 1/2" " " front 6" up.

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

None required.

Additional area where sheer is less than standard.



### PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.													← FcLE ← BRIDGE →		← CASING TOP →	
FREEBOARD DECK																
Description of Hatchway	...	...	No 1	No 2	No 3	No 4	No 5	← COAL HATCHES →	ESCAPE HATCHES	HATCH To F.P.	HATCH To FcLE	N: 3.	COAL HATCH	COAL SHOOT		
Dimensions of Hatchway	...	...	27'-0" x 22'-0"	33'-6 1/2" x 22'	14'-6" x 18'-6"	33'-0 1/2" x 22'	27'-11 1/2" x 22'	18'-6" 2 at 11' x 4' 4 at 10' x 4'	4 at 2'-3 x 2'	4' x 3'	4' x 3'	12'-2 1/2" x 18'-6"	4'-7" x 18'-6"	5'-1" x 14'-0"		
COAMINGS	{	Height above Deck	31"	31"	12" BA	31"	31"	9" BA	9" BA	9" BA	9" BA	27"	31"	31"	8" BA	
		Thickness { Sides	4 1/4	4 1/4	4 1/2	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
		Ends	4 1/4	4 1/4	4 1/2	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
		Stiffeners	8 x 3 1/2 x 7 1/2 BA	12 x 3 1/2 x 7 1/2 J		12 x 3 1/2 x 7 1/2 J	8 x 3 1/2 x 7 1/2 J									
Brackets, Stays	...	...	7 x 3 x 40 J aft	7 x 3 x 40 J Ford		7 x 3 x 40 J aft	7 x 3 x 40 J Ford									
HATCH BEAMS	{	Number	4	5	2	5	4									
		Spacing	5'-5"	5'-7"	4'-10"	5'-6"	5'-7"									
		Scantling and Sketch														
		Bearing Surface	4	4	4 1/2	4	4									
FORE AND AFTERS	{	Number														
		Spacing														
		Unsupported Lengths														
		Scantling* and Sketch														
HATCH COVERS	{	Material	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood	
		Thickness	3"	3"	3"	3"	3"	2 1/2"	2 1/2"	2 1/2"	3"	3"	3"	3"	3"	3"
		How fitted	F + A	F + A	F + A	F + A	F + A	F + A	ath	ath	ath	F + A	F + A	F + A	F + A	F + A
		Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"	3"	2 1/2"	2 1/2"	3"	3"	2 1/2"
Spacing of Cleats	...	...	...	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"		
Number of Tarpaulins	...	...	...	2	2	2	2	2	1	1	1	2	2	2		

\*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?

✓

yes

yes

yes

Particulars of any special features :—

Scantlings approved for class + 100 A.1. with a foreboard corresponding to a summer moulded draft of  $24'9\frac{3}{4}$ . ✓

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.