

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

### (CONDITIONS OF ASSIGNMENT.)

 Index No. 37062  
 (For London Office only).

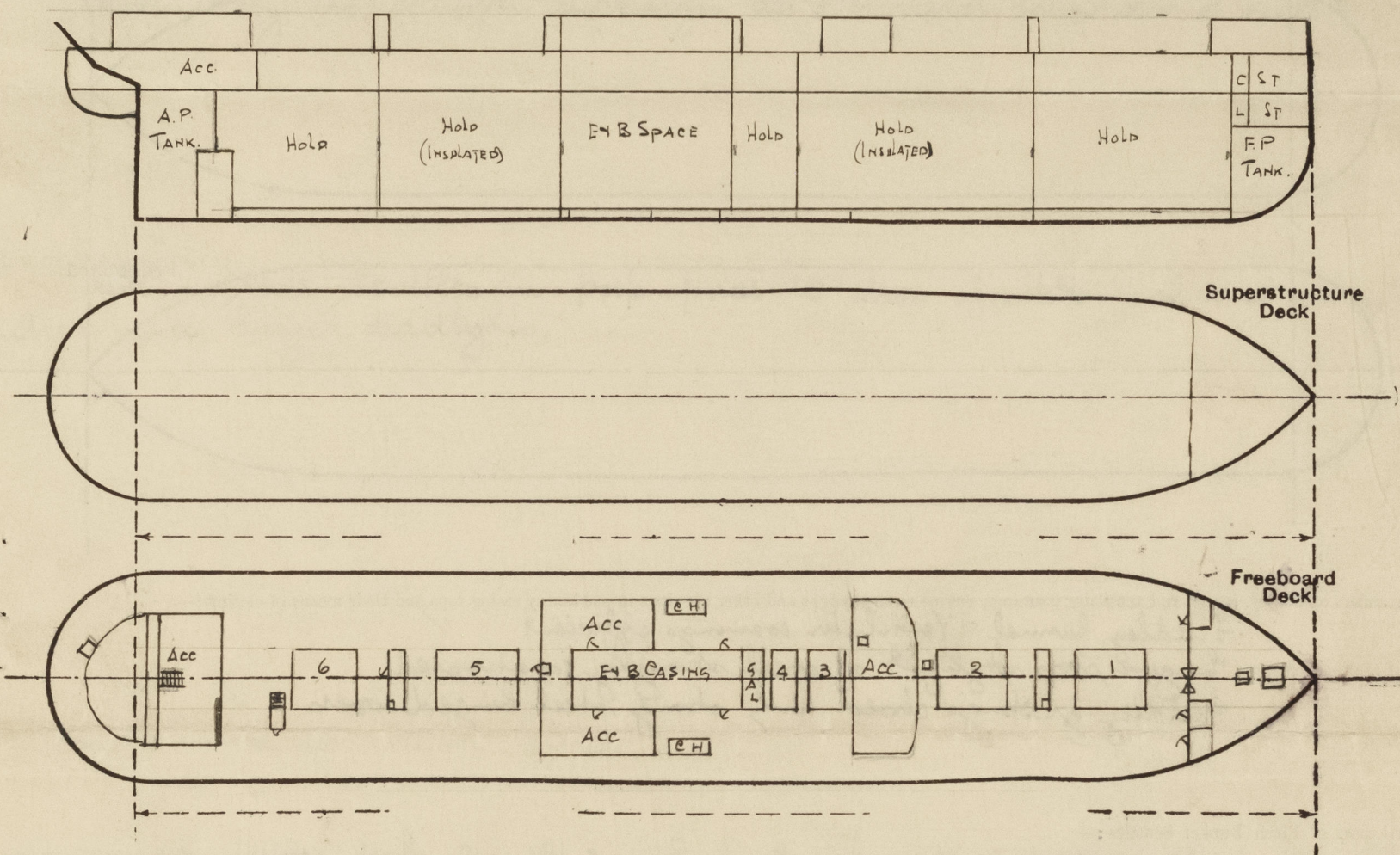
27 FEB 1954

GRK. REPORT No. 22082.

 Ship's Name LANGTON GRANGE  
EMPIRE PENNANT.  
 Official Number \_\_\_\_\_  
 Nationality and Port of Registry BRITISH, GREENOCK

 Port of Survey GREENOCK  
 Surveyor's Signature Kenneth Hughes  
 Date of Survey WHILE BUILDING.

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 ...	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓							
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead ...	✓	30	30	5 x 3 x 5/16	30	NONE	3 @ 5' x 2'-3" 1 @ 5' x 4'-1"	18" 7'-6"
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓	34	30	3 1/2 x 3 x .40	31	BOLTS AT TOP CONTINUOUS AT BOTTOM	2 @ 5' x 2'	21" 7-6
Exposed Machinery Casings on Superstructure Decks ...	✓							
Machinery Casings within Superstructure not fitted with Class I Closing Appliances ...	✓	34	26	3 x 3 x .30	27	BOLTS AT TOP	2 @ 5' x 2'-3"	18" 7-6
Deckhouses on Flush Deck Ships ...								

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

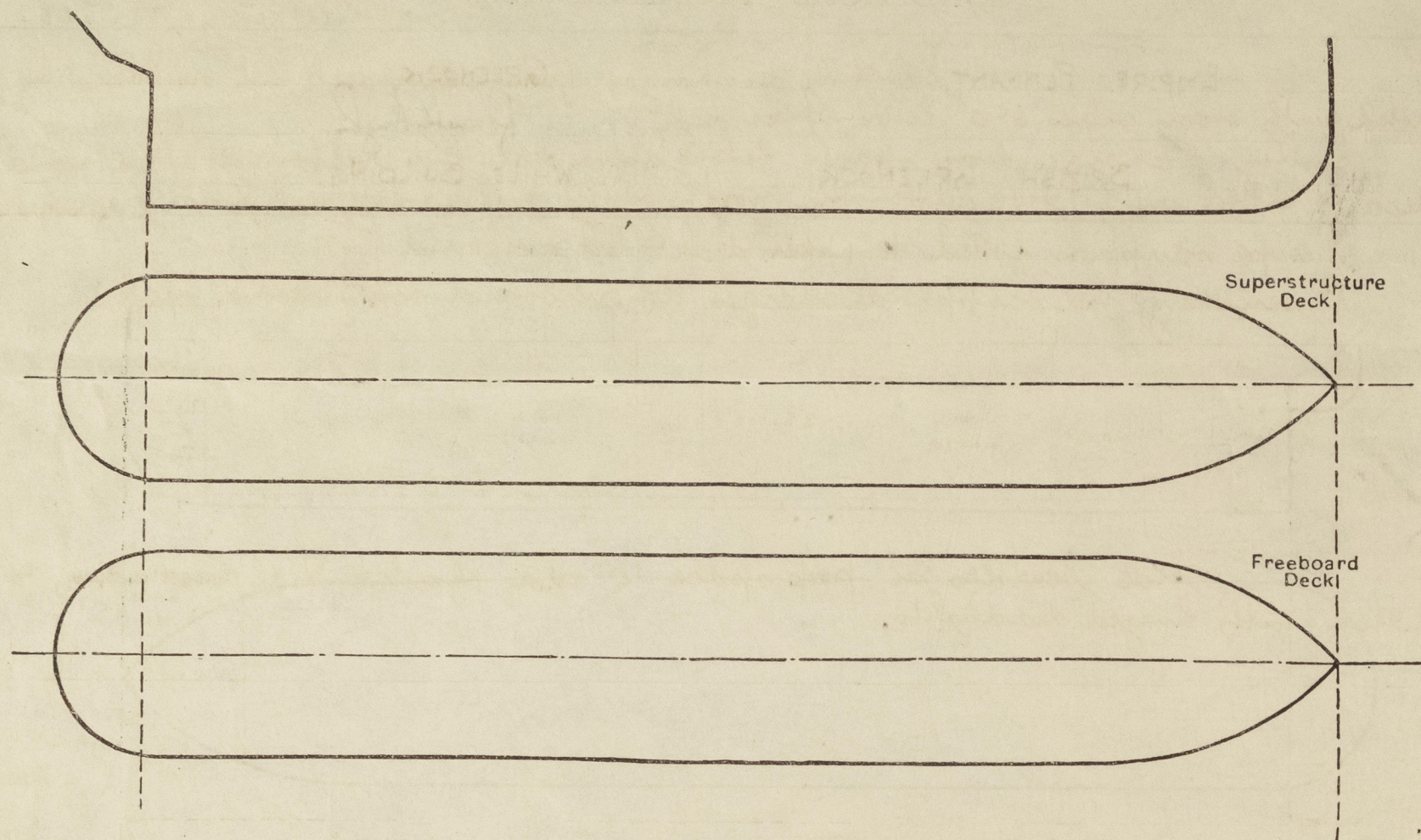
Poop Bulkhead ...	✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ...	✓
Machinery Casings within Superstructure not fitted with Class I Closing Appliances ...	✓
Deckhouses on Flush Deck Ships ...	✓

STEEL PLATE FITTED WITH HOOK BOLTS NOT PASSING THRU' BMD BOLTS 15" APART.  
 + ONE STEEL & TWO HARDWOOD DOORS  
 STEEL DOORS WORKABLE FROM BOTH SIDES.  
 STEEL DOORS WORKABLE FROM BOTH SIDES.



# 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 & Ventilator coamings efficient  
Engine room skylight of steel strongly constructed.  
Fiddle gratings closed with strong steel hinged covers

Particulars of Flush Bunker Scuttles:—

None

Particulars of Companionways:—

Entrance to accommodation in poop from deckhouse fitted with hardwood doors 5' x 2' with coamings 22" above steel deck.  
Side saloon house having hardwood doors 18" coaming  
Companionway to deckhouse fitted with 22" coamings.  
Entrance to hold from substantially constructed main house having steel doors with 21" coamings are fitted in each main house.

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

Location	No.	Size	Height	Remarks	Coaming
Fore Deck	2	18" dia	10"	to hold	36x40
Fore Deck	1	10"	10"	pipe	36x32
Fore Deck	1	18"	18"	holds	36x40
Fore Deck	1	8"	8"	steering gear	36x30
Fore Deck	2	8"	8"	acc. aft	36x30
Fore Deck	4	10"	10"	passage aft	36x32
Fore Deck	4	9"	9"	gunnery acc.	36x32
Fore Deck	2	6"	6"	wood	36x32
Fore Deck	2	12"	12"	top of bunker	36x34
Fore Deck	2	6"	6"	socket	36x30
Fore Deck	2	6"	6"	bunker clearing	36x30
Fore Deck	2	10"	10"	gun	36x32
Fore Deck	2	15"	15"	refrigerating	36x38
Fore Deck	1	6"	6"	cabin stove	36x30

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

Location	No.	Size	Height	Remarks
Fore Deck	1	3" dia.	18" high	to fore peak tank
Fore Deck	1	4"	18"	double bottom
Fore Deck	8	3"	30"	"
Fore Deck	4	2 1/2"	"	"
Fore Deck	2	3 1/2"	"	"
Fore Deck	6	4"	"	"
Fore Deck	2	2 1/2"	"	cofferdam
Fore Deck	2	3"	"	aft peak tank

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EMPIRE PENNANT.

Particulars of Gangway Cargo and Coaling Ports:—

None

Particulars of Scuppers and Sanitary Discharge Pipes:—

Sanitary discharges from upper deck led overboard & fitted with storm valves 6'-0" below upper deck.  
Sanitary discharges from spaces below upper deck led overboard above second deck & fitted with two automatic non-return valves both valves being accessible.  
3" pipe scuppers fitted to upper deck & led overboard.  
No sanitary or scupper discharges led overboard below second deck.

Particulars of Side Scuttles:—

Side scuttles in poop space 10" dia of substantial construction & fitted with hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 37'-0"

Particulars of Guard Rails:—

Upper deck - 3 rails 3'-6" high stanchions 5'-0" apart except in way of deckhouse amidships where steel bulwark substantially constructed is fitted. 6 freeing ports 3'-0" x 1'-6" (with steel net) are cut in each side of the vessel.  
Fore Deck 2 rails & stanchions 3'-3" high stanchions 5'-0" apart.

Particulars of Gangways, Lifelines, etc.:—

Lifelines fitted all fore & aft on both sides of vessel.

## 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:—

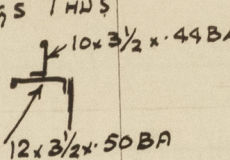
(F. and A. position and height above deck edge) (Forward Well:—

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.



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD <del>AND SUPERSTRUCTURE</del> DECKS.										
Description of Hatchway	No 1	No 2	No 3	No 4	No 5	No 6				
Dimensions of Hatchway	31'6" x 20'	31 x 20	10'4" x 20'	10'4" x 20'	28'5" x 20'	31 x 20'				
COAMINGS	Height above Deck ... 30 Thickness ... .44 Sides ... Ends ... Stiffeners ... 7 3/8 x 3 Brackets, Stays ... 2 1/2" DIA SIDES ENDS ... 2	30 .44 3/8 B.A AT ENDS 3 2	30 .44 1 2	30 .44 1 2	30 .44 3 2	30 .44 3 2	SMALL HATCHES UNDER FORECASTLE 7'0" x 4'3" Closer 2'6" x 2' 9" B.A. coamings 2 1/2" wood coamings classed as one tarpaulin COAL HATCH P.S. 15'6" x 5'0" coaming 30" x 40" STIFFENED with 3 1/2 x 3 1/2 angles attached to beams 2 1/2 wood covers cleats 24" x 2 tarpaulins. Coal shoot on coaming top 5'2" x 18" coaming 15" x 44" 2 1/2 wood covers cleats 24" x 2 tarpaulins. W.T. shod to Magazine 2' x 2' coaming 9" x 40" with W.T. covers fitted with rubber & secured by toggles. 2 escape hatches in mess house 2' x 24" B.A coaming 2 1/2 wood covers cleats & one tarpaulin One escape hatch to No 2 hold situated at aft end of CB 2 Hatch 2' x 2' with 12 x 40 coaming & W.T. covers secured by toggles			
HATCH BEAMS	Number ... 5 Spacing ... 5'-3" Scantling and Sketch ... 18 1/2 x 36 5 x 3 x 3/8 Bearing Surface ... 3	5'-2" 44 1/2 x 40 3 x 3 x 36 3 3	5'-2" 17 3/4 x 35 5 x 3 x 3/8 3 3	6'5 1/2 x 10 1/2 17 3/4 x 35 5 x 3 x 3/8 3 3	4'-8 1/4" 44 1/2 x 40 3 x 3 x 36 3 3	5'-2" 16 3/4 x 36 5 x 3 x 3/8 3 3	DOUBLE ANGLES. 3 3			
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling and Sketch ... Bearing Surface ...	COAMINGS THUS 								
HATCH COVERS	Material ... W.P. Thickness ... 2 1/2 How fitted ... F & A Bearing Surface ... 3	W.P. 2 1/2 F & A 3	W.P. 2 1/2 F & A 3	W.P. 3 F & A 3	W.P. 2 1/2 F & A 3	W.P. 2 1/2 F & A 3				
Spacing of Cleats	24	24	24	24	24	24				
Number of Tarpaulins	2	2	2	2	2	2				
*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/> YES Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/> YES Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/> YES Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/> YES										

Particulars of any special features:—

The scantlings are suitable for a draught 18" in excess of that corresponding to the freeboard which could be assigned to the vessel with a tonnage opening.

The openings in the tween deck bulkheads are closed as required by the London Letter dated 28<sup>th</sup> August 1942.

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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