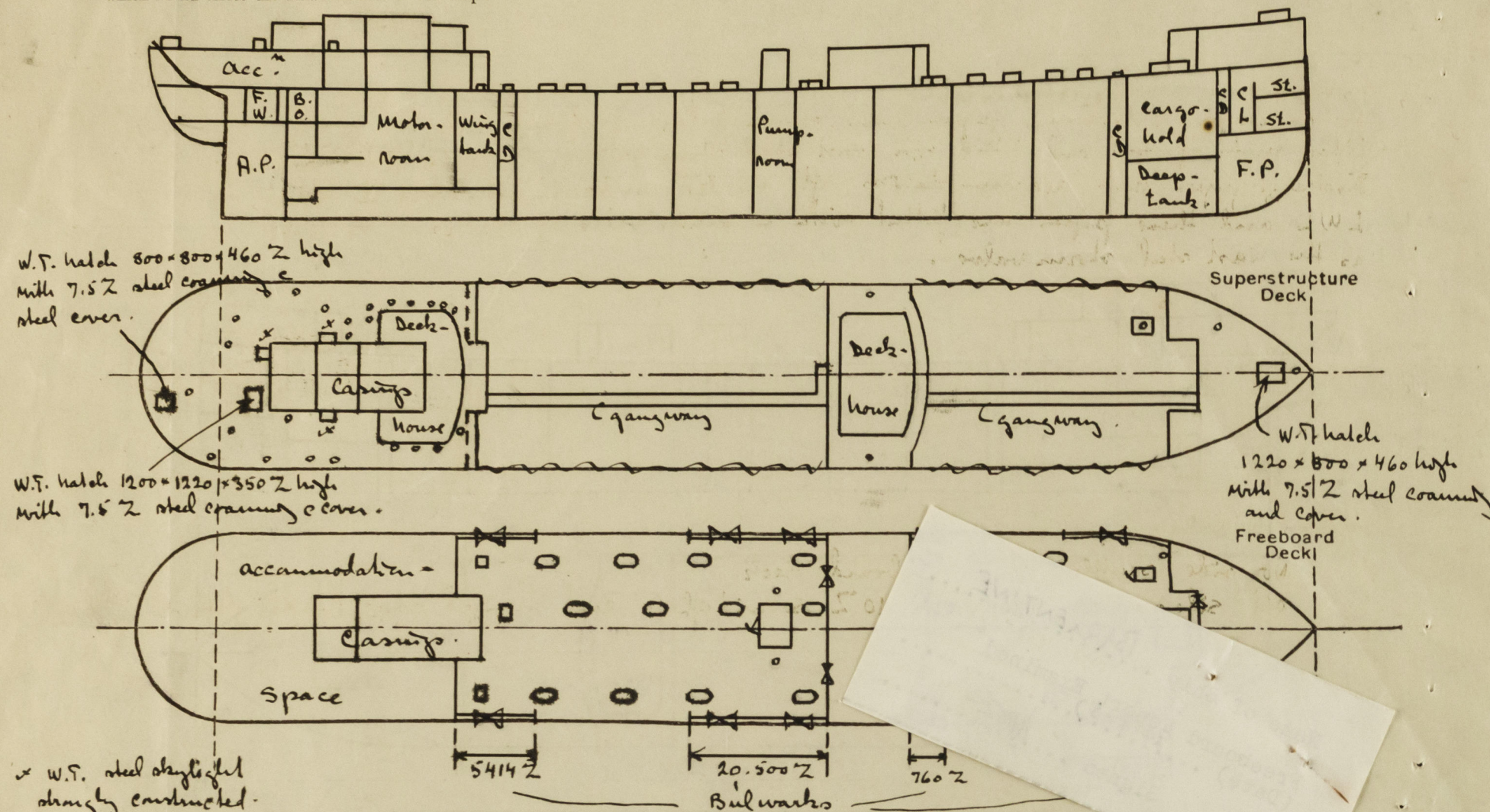


PARTICULARS OF PROTECTION TO OPENINGS, ETC.

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 hully, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of

- 4 Jend. 1450 x 1067 Z diam. with 10 Z steel coaming riveted to casing top and fitted with 10 Z
- 4 - 1100 x 456 - " 10 Z
- 2 - 760 x 204 - " 8 Z
- Motor room skylight made of steel riveted to casing top and fitted with hinged steel flaps
- Funnel coaming of 6.5 Z steelplate riveted to casing top
- 2 gratings 1400 x 650 Z with 150 x 75 x 8 Z coaming and fitted with 6 1/2 Z hinged steel cover

Particulars of Flush Bunker Scuttles:—

more

Particulars of Companionways:— Access to acc. in poop space thro' deckhouse on poopdeck, 2 openings 1450 x 600 Z fitted with hinged plank doors (2") capable of being manipulated from both sides; height of sill 460 Z

2 pump room casings made of steel and strongly constructed riveted to freeboard deck and fitted with hinged W.T. steel doors (1320 x 840 & 990 x 650 Z) capable of being manipulated from both sides; height of sill 570 Z

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

- Forecastle deck 2 @ 915 x 300 Z diam. x 8.5 Z bluish
- Freeboard deck 2 @ 2110 x 300 " " x 8.5 " (bracketed)
- 1 @ 760 x 300 " " x 8.5 " constructed as derrick ports
- 2 @ 7320 x 600 " " x 12.5 " "
- Bridge deck 2 @ 760 x 300 " " x 8.5 " "
- Poop deck 6 @ 760 x 300 " " x 8.5 " "
- 8 @ 760 x 254 " " x 8.5 " "
- 3 @ 760 x 150 " " x 7.5 " "
- 6 @ 760 x 200 " " x 8 " "
- 1 @ 760 x 230 " " x 8.5 " "
- 1 @ 760 x 380 " " x 9.5 " "

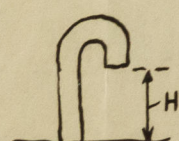
all ventilator coamings made of steel and riveted to steel deck and fitted with steel covers, wood plugs & canvas covers

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

all air pipes fitted with galv. steel goose-necks, wire gauge and approved closing appliances

H = 915 Z on freeboard deck

H = 460 " on superstructure decks



Particulars of Gangway Cargo and Coaling Ports:—

more

Caroline Maersk

Particulars of Scuppers and Sanitary Discharge Pipes:—

No sanitary & discharge pipes pass space below freeboard deck

Pipes made of steel and fitted with cast steel storm valves at vessels sides

Discharge pipes pass accommodation aft are led on board ab. 1300 Z above L.W.L. and these pipes are fitted with a sluice valve of cast iron as well as the cast steel storm valve

Particulars of Side Scuttles:—

No side scuttles below freeboard deck

all side scuttles fitted with 10 Z security glass and hinged steel deadlights

Vertical distance of Sill of lowest Side Scuttle above top of keel 12,600 Z

Particulars of Guard Rails:—

Freeboard decks:— Part Open rails 1220 Z high with steel stanchions spaced ab. 1500 Z and 4 rods equally spaced

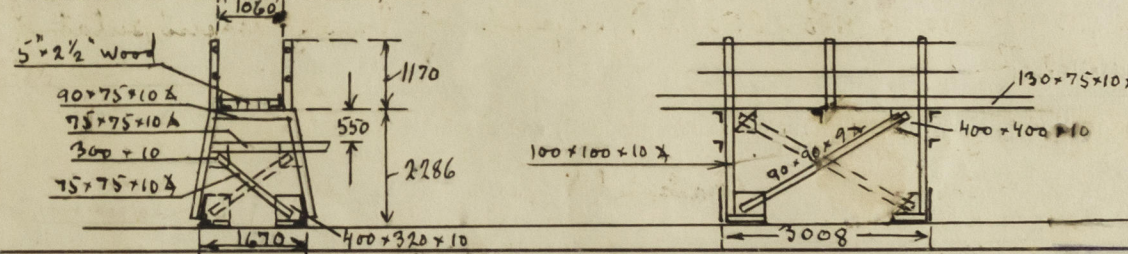
Part steel bulwark 1180 Z high 6.5 Z thick with 180 x 76 x 13 Z railbars and T-stays

180 x 75 x 9 Z spaced 2 1/2 frame space

Side deck, Bridge deck & part of poopdeck:— Open rails 1070 Z high with steel stanchions & 3 rods equally spaced

Rest of bridge & poop deck:— steel bulwark 1070 Z high 6.5 Z thick with 180 x 76 x 13 Z railbars and stays spaced ab. 2 1/2 frame space

Particulars of Gangways, Lifelines, etc.:—



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 ...	25.900 Z	1220 Z	2 @ 2050 x 200 Z 1 @ 2150 x 200 "	3	more than 50% of open rails provided	
Forward Well ...	20.765 Z	1220 Z	1 @ 1600 x 200 " 1 @ 2200 x 200 "	2	— ditto —	

State position of each freeing port ... (After Well:— at frames 46-49, 98-101, 111-114 } height above deck

(F. and A. position and height above deck edge) (Forward Well:— 131-133, 173-174 } ab. 320 Z

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

Additional area where sheer is less than standard. ✓

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

BARKENTINE (CONDITIONS OF ASSIGNMENT.)

Ship's Name

~~CAROLINE MÆRSK~~
not available.

Port of Survey

Odense.

Official Number

Surveyor's Signature

S. Sanderson.

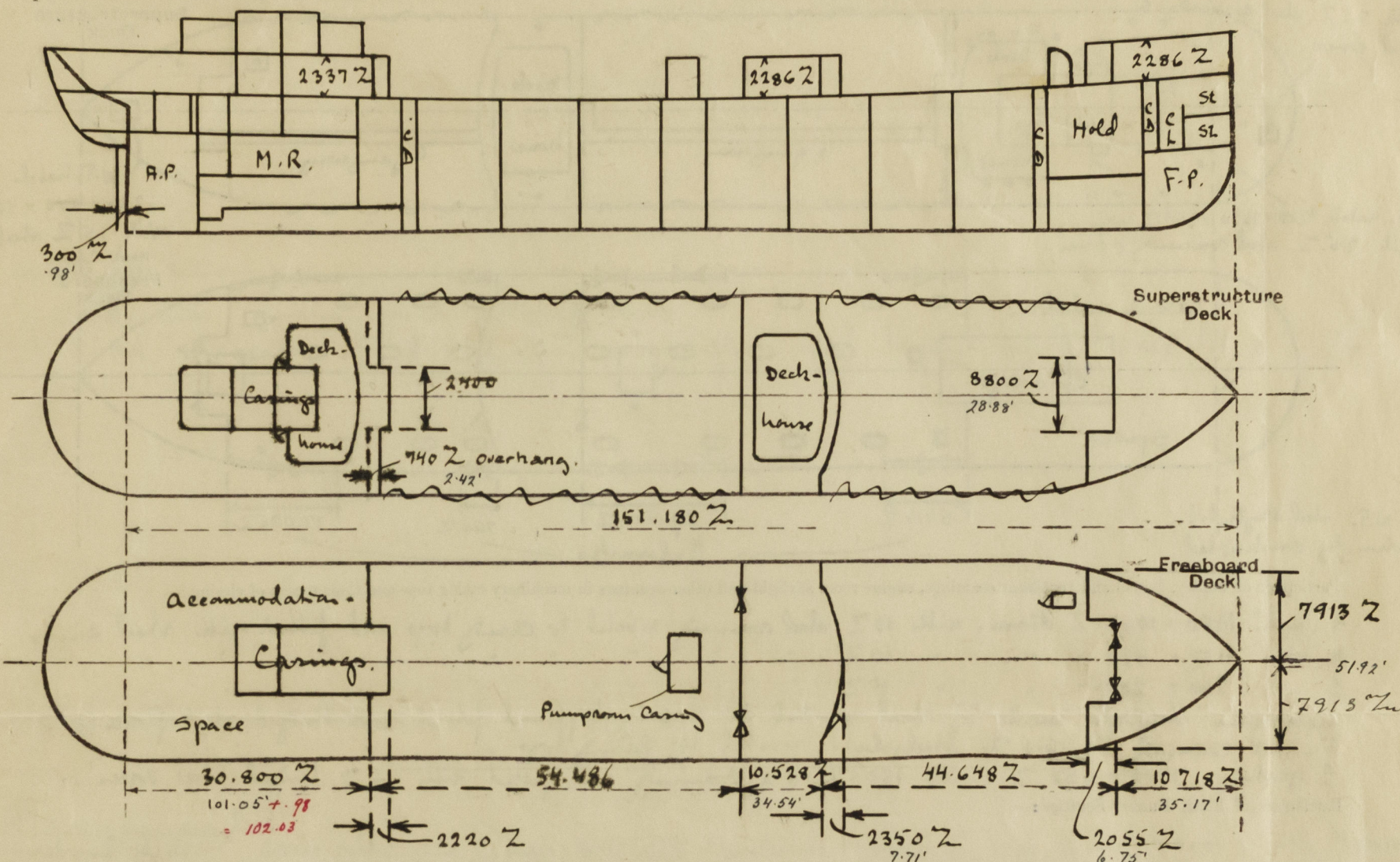
Nationality and Port of Registry

Danish

Date of Survey

October 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.

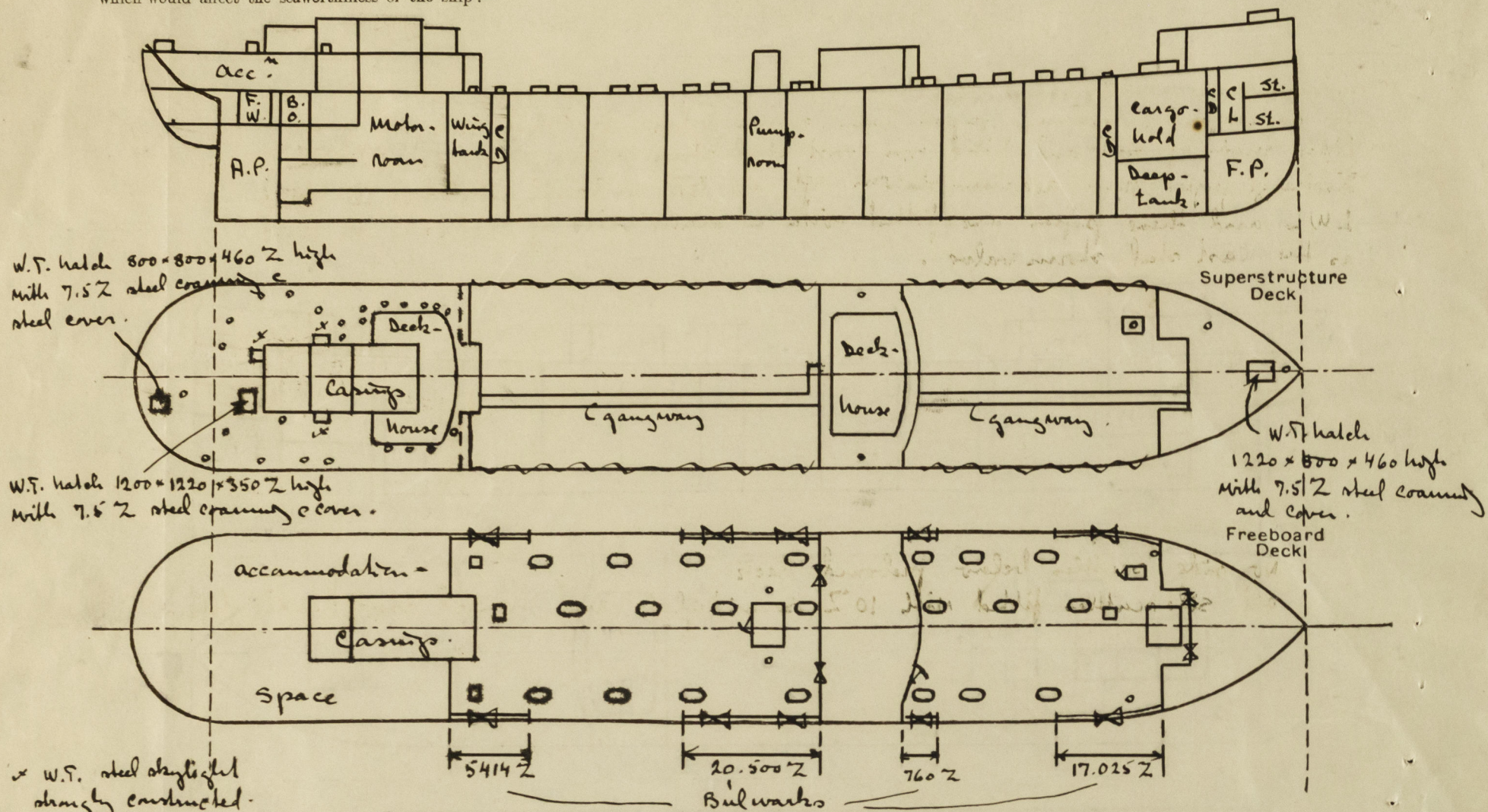
	Coaming Z	Plating Z	Stiffeners Z	Spacing Z	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	13.5	13.5	280 x 90 x 12.5	800 - 855	Brackets & lugs	none	—	—
Raised Quarter Deck Bulkhead ...	—	—	—	—	—	—	—	—
Bridge, After Bulkhead ...	10	10	180 x 75 x 9.5	815 - 855	lugs	1245 x 940	465	—
Bridge, Forward Bulkhead ...	13.5	13.5	280 x 90 x 12.5	815 - 855	Brackets & lugs	1465 x 610	465	—
Forecastle Bulkhead ...	10	10	180 x 75 x 9.5	760 - 806	lugs	1245 x 940	465	—
Trunk, Aft ...	—	—	—	—	—	—	—	—
Trunk, Forward ...	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	13.5	13.5	280 x 90 x 12.5	855	Brackets	—	—	—
Exposed Machinery Casings on Superstructure Decks ...	9.5	8.5	65 x 65 x 7.5	740	Brackets at top & carried down	1450 x 675	460	3046
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	—	—	—	—	—	—	—	—
Pump Room Casings ...	8.5	8.5	90 x 75 x 9.5	675 - 755	none	1320 x 840	610	2286

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

Poop Bulkhead ...	—
Raised Quarter Deck Bulkhead ...	—
Bridge, After Bulkhead ...	Two bonnage openings with 65 Z wood planks in riveted channels, full height.
Bridge, Forward Bulkhead ...	One hinged W.T. steel door.
Forecastle Bulkhead ...	Two bonnage openings with 65 Z wood planks in riveted channels, full height.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	—
Exposed Machinery Casings on Superstructure Decks ...	One hinged steel door on each side capable of being manipulated from both sides.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	—
Pump Room Casings ...	One hinged steel door capable of being manipulated from both sides.
Deckhouses on Flash 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:—

- 4 Jumb. 1450x1067 Z diam. with 10 Z steel coaming riveted to casing top and fitted with steel covers.
- 4 - 1100x456 - " 10 Z
- 2 - 760x204 - " 8 Z
- Motor room skylight made of steel riveted to casing top and fitted with hinged steel flaps.
- Funnel coaming of 6.5 Z steel plate riveted to casing top.
- 2 gratings 1400x650 Z with 150x75x8 Z coaming and fitted with 6 1/2 Z hinged steel covers.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:— Access to acc. in poop space thro' deckhouse on poop deck, 2 openings 1450x600 Z fitted with hinged plank doors (2") capable of being manipulated from both sides; (height of sill 460 Z). 2 pump room casings made of steel and strongly constructed, riveted to freeboard deck and fitted with hinged W.T. steel doors (1320x840 & 990x650 Z) capable of being manipulated from both sides; height of sill 570 Z.

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

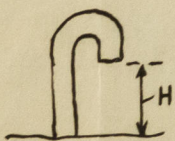
Forecastle deck	2 @ 915x300 Z	Diam.	x 8.5 Z	thick.
Freeboard deck	2 @ 2110x300 "	"	x 8.5 "	(bracketed)
	1 @ 760x300 "	"	x 8.5 "	
	2 @ 7320x600 "	"	x 12.5 "	constructed as derrick posts.
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Poop deck	6 @ 760x300 "	"	x 8.5 "	
	8 @ 760x254 "	"	x 8.5 "	
	3 @ 760x150 "	"	x 7.5 "	
	6 @ 760x200 "	"	x 8 "	
	1 @ 760x230 "	"	x 8.5 "	
	1 @ 760x380 "	"	x 9.5 "	

all ventilator coamings made of steel and riveted to steel deck and fitted with steel covers, wood plugs & canvas covers.

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

all air pipes fitted with galv. steel goose-necks, wire gauge and approved closing appliances.

H = 915 Z on freeboard deck
H = 460 " on superstructure decks.



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Lloyd's Register Foundation

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Name of Ship

BARKENTINE

Freeboard Report Examined
(Date) 24.4.57

Signed

M002

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		O.T. hatchways					W.T. hatchway to dry cargo hold forward		
Dimensions of Hatchway		on freeboard deck		Bulkheads	Coff'd aft	Coff'd fwd			
COAMINGS	Height above Deck	815 Z		750 x 640	740 x 715	740 x 715	3.425 x 3.050 Z		
	Thickness { Sides	11 Z		300 Z	300 Z	300 Z	830		
	Stiffeners	one 130 x 11 = fitted vertical		10 Z	10 Z	10 Z	11 Z		
	Brackets, Stays			none	none	none	180 x 75 x 105 horizontal		
HATCH BEAMS	Number	none			none		none		
	Spacing								
FORE AND AFTERS	Scantling and Sketch	none			none		none		
	Number								
	Spacing								
	Unsupported Lengths								
HATCH COVERS	Material	16 Z thick steel plate		12 Z steel plate		12.5 Z steel plate			
	Thickness	No stiffeners		bolted and packed		with 130 x 75 x 10 Z stiffen.			
Spacing of Cleats	How fitted	Hinged and packed oil tight		oil tight.		spaced 610 Z with			
	Bearing Surface	Screw down bolts spaced 380 Z				screw down bolts spaced 390 Z			
Number of Tarpaulins		none							

*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? ☒

Particulars of any special features:—

on approximate load line ab. 28'-7 1/2" :- Extreme displacement = 21020 tons of 35 ft³
 Tons/inch = 67.27 tons of 35 ft³
 At 85% of dept moulded :- moulded displacement = 22634 tons S.W.

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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