

31373
8485A

THE 5th 1924

Index No. (For London Office only)

Rpt. 11b.

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

BT. COPY WRITTEN.
SHADE DECK.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Banda
Date of Survey 1st Survey
Name of Surveyor J. Miller

"KHOEN HOEA" Ship's Name
Caledon S.S. Co. No 289.
Number in Register Book
Port of Registry and Nationality. PONTIANAK. (Dutch Borneo)
Official Number.
Gross Tonnage. 1120 approx.
Date of Build. 1924
Particulars of Classification. +100 Ft. with freeboard. (Contemplated) (Revised Rules)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	245.2	38.15	10.9	861.02
Length on LOADLINE.	245.0	Frame Depth Rule " 4/2 = - .33	Ceiling fitted. Sheer + .46 To Floors 11.12	Peak Tanks } Incl + 5 tons for D. 13 m tracky space
CORRECTED DIMENSIONS.	245.0	37.82	11.58	866.02

Moulded Depth as measured..... 12'-0"
Addition for Keel below base line for draught record..... ONE inches. Estimated over keel when loaded

Co-efficient of fineness..... 807.
Any modification necessary }
[Para. 4 (a) to (e)]* }
Co-efficient as corrected 81.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	245.0
Length in Table	144.0
Difference	101.0
Correction for 10ft., Table A.	9
Table C.	5
× Difference divided by 10	9.09 (if required.) 5.05
If 1/10ths length covered divide by 2	+ 9" ↓ + 5" ↓

Sheer { Stem..... 69" }
at { Sternpost ... 37" } 106 ÷ 2 = 53 Mean 51.36
Sheer at 1/3 of the length from { Stem 38 1/4 }
{ Sternpost 18 1/4 } 56.5 ÷ 2 = 28.25 Mean 46
Gradual mean Sheer 28.25 ÷ 55 = 51.36
Standard mean Sheer [Table, Para. 18] 20.70 Correction
Difference..... 7.55 ÷ 4 = 1.89 ✓
§ If limited as Para. 18 (f) - 2"

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered422
Thickness of usual wood deck, less stringer 3 1/2" = .36
2 1/2" P.P. Sheathing on Steel Deck = .274 - 1/4"

Rise in Sheer { At front of bridge house..... }
from amidships { [Para. 18 (e)] At after end of forecastle }
Fall in Sheer { Para. 18 (d) } ÷ 2 = none
Length uncovered ✓ Correction

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 38'-1"
Round of Beam 9 1/2
Normal round..... 9 1/2
Difference ÷ 2 =
Proportion of Deck uncovered (Para. 19)

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	0' 4 1/2
Correction for Length, if required (Para. 12, 13, and 14)	+ 5
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	2' 7
Difference	1' 9 1/2
Percentage as below.....	26.54
	5.71

Freeboard, Table A	1' 10
Correction for Sheer	- 2
	1' 8
Correction for Length	+ 9
	2' 5
Allowance for Deck Erections	- 5 1/4
	1' 11 1/4
Correction for Round of Beam..... ✓	
Correction for fall in Sheer (if any).....	
Correction for <u>2 1/2 Sheathing on steel</u> Deck (if required)	- 1/4
	1' 11
Additions for non-compliance with provisions of } Para. 11 (d) and (e) † } Other Corrections (if any) <u>For scantling and to correspond with designed draught</u> + 6	2' 5

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }	
Allowance for Deck Erections	- 5 3/4
Forecastle.....	Length, 43'-0" Length allowed, 38.91 Height, 7'-6"
Bridge House	68'-6" 34.25 7-6
† Raised Qr. Dk.....	
Poop.....	37'-0" 30.15 7-6"
Total	103.31 = .422
Length of Ship	245.0
Corresponding percentage { 26.54 } (Para. 11, 12, 13, or 14)	

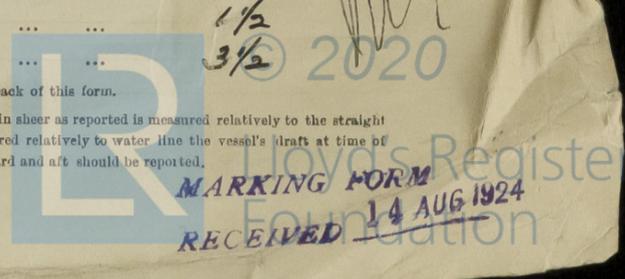
Winter Freeboard	2' 5
Summer Freeboard 1/2	2' 3 1/2
Indian Summer Freeboard	2' 2
N. A. Winter Freeboard	2' 7
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. }	+ 1/2
Winter Freeboard from deck line	2' 6 1/2
Summer " " " "	2' 5
Indian Summer " " " "	2' 3 1/2
N. A. Winter " " " "	2' 8 1/2

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :-
Fresh Water Line above centre of Disc 2 1/2
Indian Summer Line " " " " 1 1/2
Winter Line below " " " " 1 1/2
Winter North Atlantic Line " " " " 3 1/2

MARKING FORM
RECEIVED 14 AUG 1924

© If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
† In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

† State dimensions of freeing port area on back of this form.
‡ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.



Do all the Frames extend to the top height in the Poop *alternate with intermediate frames* Raised Quarter Deck? Bridge House? Forecastle? *alternate with intermediate frames*

To what height do the Reverse Frames extend? *no reverse frames*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*

Give particulars of the means for closing the openings in Bulkhead *Steel doors*

Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end? ** No - open*

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating? and Coaming plate?

Give scantlings and spacing of the Stiffeners

Are bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?

Has the Bridge House an efficient Iron Bulkhead at the after end? *x No - open*

How are the openings closed?

Is the Forecastle at least as high as the main or top-gallant rail? *7'-6"* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by Shade Deck + Casings*

If the openings are not so protected are the exposed parts of the Casings efficiently constructed?

Give thickness of plating; scantlings and spacing of Stiffeners

What is the height of the exposed Casings? Are suitable means provided for closing all openings in them in bad weather?

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:—

MAIN DECK
HATCHWAYS

Position and Size.	No. 1. 16'-0" x 14'-0"		No. 2. 26'-0" x 14'-0"		No. 3. 20'-0" x 16'-0"		Ship.	Rule.	Ship.	Rule.
	Item.	Ship.	Rule.	Ship.	Rule.	Ship.				
COAMING.	Height above top of DECK	24"		24"		24"				
	Thickness	Sides	.44		.50		.44			
		Ends	.44		.44		.44			
SHIFTING BEAMS OR WEB PLATES.	Number	3		3		3				
	Section and Scantlings	11'-6" x 30" angles top Bottom		11'-2" x 31" angles top Bottom 3"x3"x4"		14'-6" x 34" angles top Bottom 3"x3"x4"				
	Material	Steel		Steel		Steel				
* FORE AND AFTERS.	Number	none		none		none				
	Section and Scantlings									
	Material									
HATCHES Thickness	2 1/2"		2 1/2"		2 1/2"					
Remarks	note - Shade deck. Hatchways as approved.									

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____

Delete the words The Crew are, are not, berthed in the bridge house.
that do not apply The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

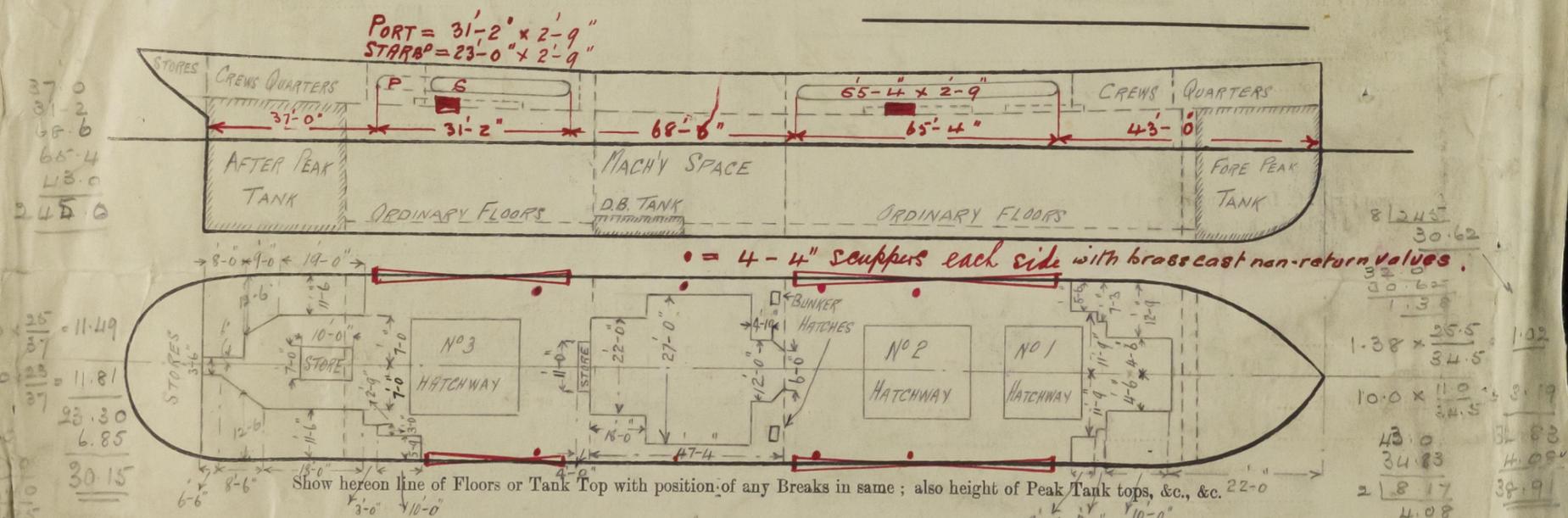
Length of Bulwarks in well _____

Area of Freeing Ports required by Para. 11 (e) each side of vessel = _____ Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	Freeing Ports (each side of vessel)	= 10.5	Sq. ft.
4.0	x	1.5	x	1.6			
3.0	x	1.5	x	1.4			

Total deficiency or excess = _____ Sq. ft.

Forward Bulwark 65.33 x 3.75 = 245
Aft Bulwark 31.17 x 3.75 = 116.9
Freeing Ports
Frames 24-25 aft
84-86 fwd.



37.0
81.2
68.6
66.4
113.0
245.0

11.49
11.81
23.30
6.85
30.15

81.245
30.62
30.62
1.38
1.38 x 25.5 = 34.5
10.0 x 11.0 = 110
34.83
218.17
4.08

State any special features in the construction of the Vessel *The approved midship section, Profile, Hatchway Casings & Coaming*
See Plans are forwarded herewith. (See Plans)

Owners *Thong S.L. S.S. Co.*
Address *Pontianak, Dutch Borneo*

See £ 5 : 0 : 0 estimated received by me *See F.B. Report.*
approx 1120 tons gross.

