

**Lloyd's Register of Shipping.**  
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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.

HKT Whampoa Dock Co's 691

Port of Survey *Hong Kong*  
Date of Survey *White Building*  
Name of Surveyor *J. H. Morrison*

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
MANAPLA (her HKe by dated 15/1/21)	<del>Sloito</del> Manila American		250 approve.	1931	+100 A1 (contemplated)
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH. to top of floor.	UNDER DECK TONNAGE.
		24.1	7.583.	190 approve.
Length on LOADLINE.	125	Frame Depth 4. Rule „ 3.	Ceiling fitted. Sheer +.025	Peak } Incl. Tanks }
		2 x 1 = .16 Sparings fitted		
CORRECTED DIMENSIONS.	125	23.94	7.608	190

Moulded Depth as measured.....  $8' - 0$   
 Rule wood deck less str.  $\underline{\hspace{1cm}} \quad 23\frac{1}{4}" \checkmark$   
 Addition for Keel below base line  
 for draught record.....  $12"$  inches.  
*inside hull straps*  $7' - 9\frac{1}{4}"$  *gross*

NOTE. — If the depth is measured when vessel is afloat, the details of measurement should be reported.

### CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	125.00 ✓
Length in Table .....	93.25 ✓
Difference .....	31.75 ✓
Correction for 10ft., Table A. ....	.8 ✓
× Difference divided by 10 .....	2.54 ✓ (if r
If $\frac{6}{10}$ ths length covered divide by 2	+3 1/2 ✓

### CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{7}{10}$ ths length covered ..... *allowed above*  
 Thickness of usual wood deck, less stringer .....

CORRECTION FOR ROUND OF BEAM.

NOTE. — The round of beam should be reported on the full breadth of vessel at the gunwale.

Breadth at Gunwale amidships.....	24.0'	
Round of Beam.....	6"	
Normal round.....	6"	
Difference .....	0	$\div 2 =$ .....
Proportion of Deck uncovered (Para. 19) .....		

Rise in Sheer	{	At front of bridge house.....
from amidships		At after end of forecastle .....
[Para. 18 (e)]		

Fall in Sheer }  $\div 2 =$  *Lowest point of sheer*  
 Para. 18 (d) } *amidships* ✓  
 Length uncovered ..... Correction

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....	0'-2"
Correction for Length, if required (Para. 12, 13, and 14) .....	+ $\frac{1}{4}$ " 0'-3 $\frac{1}{4}$ "
Freeboard by Table A. corrected for <del>sheer</del> , and for length, } if required (Para. <del>11, 12, 13, and</del> 14)	1'-3 $\frac{1}{2}$ "
Difference .....	12'-25" ✓ 20'-62"
Percentage as below.....	<u>12-38%</u> = 1-51252

Bacings protected by sidechouces  
and on deck above.

Correction for R. Q. Dk. if engine and boiler openings not  
covered by bridge house (Para. 11)

### Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	14.0' x $\frac{4}{16}$ .....	9.33' ✓	4'-0"
Bridge House .....✓			
† Raised Qr. Dk.....	49'-0 x $\frac{2}{16}$ .....	<del>31-0'</del> .....	2'-0"
Poop.....✓		$\frac{30-95}{28} = 3223$	
Total .....		$\frac{40-3388}{125} = 2-58$ eight	$\frac{578}{125}$
Length of Ship .....			
Corresponding percentage {	$\frac{578}{2-58} \times 8 \times \frac{1}{16} = 12-38$ of.		
(Para. 11, 12, 13, or 14)			

**FREEBOARD** recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Steel) Deck :—

Fresh Water Line	above	centre of Disc
Indian Summer Line	"	" "
Winter Line	below	" "
Winter North Atlantic Line	"	" "

Winter Freeboard	1' - <del>2 1/8"</del> 1 1/4"
Summer Freeboard (1' - 2")	1' - <del>1"</del> 0"
Indian Summer Freeboard	1' - <del>0"</del> 0 - 10 3/4"
<del>N. A. Winter Freeboard</del>	<del>1' - 0"</del> ✓

Correction necessary because clearside amidships, measured  
in accordance with the Statute is not taken at the  
intersection of the ~~wood~~ or steel deck with side.

Winter Freeboard from deck line	1' 3 1/8" 2 1/4"
Summer " " " "	1' 2" 1"
Indian Summer " " " "	1' + "0' - 11 3/4"
<del>N. A. Winter</del> " " " "	✓

+ 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.

MARKING FORM  
16 JUL 1981  
RECEIVED



Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? *yes* Bridge House? ☒ Forecastle? *yes*

To what height do the Reverse Frames extend? *Top of floors*

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 *No openings connected to side houses*

Is the ~~Poop~~ or Raised Quarter Deck connected with the Bridge House? *connected to side houses* Has the Bridge House an efficient Bulkhead at the fore end? ☒

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? *R. Q. D. bulkhead extends to boat deck.*

How are the openings closed? *No openings*

Is the Forecastle at least as high as the main or top-gallant rail? *yes* 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 aft by R. Q. D. bulkhead, on sides by deck houses, open front.*

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

Give thickness of plating; scantlings and spacing of Stiffeners *30" coaming, 26" plating, 3 x 2 1/2 x 26" angles, spaced 28".*

What is the height of the exposed Casings? *7 ft.* Are suitable means provided for closing all openings in them in bad weather? *yes, steel doors*

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:— *yes.*

Position and Size.		<i>21'0" x 12'0"</i>		<i>21'9" x 12'0"</i>							
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	<i>24"</i>		<i>24"</i>							
	Thickness { Sides.....	<i>.40</i>	<i>Approved</i>	<i>.40</i>	<i>Approved</i>						
	Ends.....	<i>.40</i>		<i>.40</i>							
SHIFTING BEAMS OR WEB PLATES.	Number .....	<i>3</i>		<i>2</i>							
	Section and Scantlings .....	<i>Plate 11 1/2 x 30 Angles 3 x 3 x 40</i>		<i>Plate 11 1/2 x 30 Angles 3 x 3 x 40</i>							
	Material .....	<i>steel</i>		<i>steel</i>							
* FORE AND AFTERS.	Number .....										
	Section and Scantlings .....	<i>None</i>		<i>None</i>							
	Material .....										
HATCHES Thickness .....		<i>2 1/2"</i>	<i>Approved</i>	<i>2 1/2"</i>	<i>Approved</i>						
Remarks.....		<i>O.Pine</i>		<i>O.Pine</i>							

\* 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.) *No side scuttles*

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. *gangway fold well*

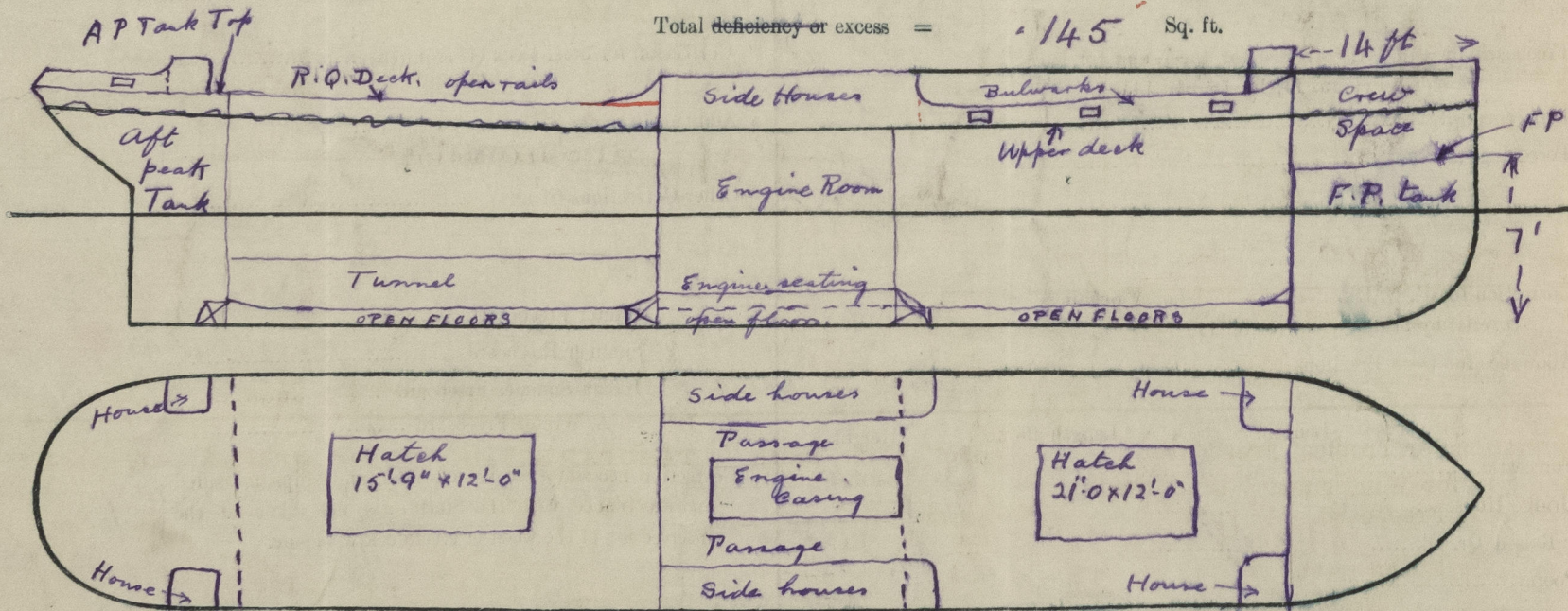
Length of Bulwarks in well *33.3 ft.*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *9.83* Sq. ft.

Ft. Tenths. Ft. Tenths. No. } *Clear only*

*1.33 x 2.5 x 3* } Freeing Ports = *9.975* Sq. ft. (each side of vessel)

Total deficiency or excess = *.145* Sq. ft.



State any special features in the construction of the Vessel *Single screw motorship, Raised quarter deck + sunken*

Builder's name and yard number *The Hongkong & Whampoa Dock Co. Ltd. Yard No. 691.*

Names of sister vessels *None.*

Owners *The North Borneo Sugar Co.*

Address *Iloilo, P. I.*

Fee £ *✓* Received by me *✓*