

STEEL STEAMER or MOTORSHIP.

Received at London Office... 20... III... 1931

State if Report has been sent on the Freeboard of the Vessel Yes

State if Report is sent on the Machinery of the Vessel Yes

Date of completion of report June 15th 1931

Port of Hong Kong

No. 6712

Survey held at Hong Kong

Date First Survey Mar. 6th

Last Survey June 13th 1931

On the (State if Machinery Afted Aft and if Single, Twin or Triple Screw) Single Screw motorship "MANAPLA"

State Type (Full Scantling, Complete Superstructure)
with or without Tonnage Openings

State Type of Erections *Forecastle + Raised G. deck*

TONNAGE under } 192.26
Tonnage Deck..}

CLASS +100 A1

State if with freeboard }
as condition of Class }

Built at Hong Kong

Do. of space or spaces
between Tonnage Dk.
and Upper Dk.

Length from fore part of stem to after part of stern } **L** 125.0
post on summer L.W.L. See Sec. 3 (1a) }

Launched 21/5/31 Yard No. 691

Total 192-26

Breadth (*greatest moulded*) B 24.0

Builders Hong Kong & Whampoa Dock Co.

Gross Tonnage 256.67

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) } **D** 8.0

Owners The North Negro Sugar Co.

Register Tonnage 167.51

1st Longitudinal Number (L \times D).....= 1000

Managers.....✓

(Where necessary to be entered in Reg. Book.)

2nd Numeral $L \times (B + D) \dots\dots\dots = 4000$

Residence Iloilo, P. I.

REGISTERED DIMENSIONS.
FEET.

Framing Depth "d," at middle of length. See } 7.08
Sec. 3 (1d) R.O. Deck 9.08

Port of Registry Manila

Length 125.9

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 15.62

If surveyed while building, afloat, ^{and} or in dry dock

Breadth 24-1

Do. ~~Long Bridge~~ to top of keel } 12.50

Depth 7.6

Draught Moulded

FRAMES. DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	21"	/	Bracket Floors, Frame		
" " from $\frac{3}{8}$ length to Collision bulkhead.....)	"	/	" " Reversed Frame		
" " in peaks.....)	"	/	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [or]	4 x 2 1/2 x .28 / N.Q.D. 4 x 2 1/2 x .30 /	/	" " top Angles		
" " Extends up to <i>Upper 7 Decks</i>			" " bottom Angles		
Reversed Frame Amidships, Angle [or]	Web frames at Frame No. 12, 21, 34, 45, 51 & 57 <i>For 2 3/5 L.</i> 3 1/2 x 3 x .44 double 2 1/2 x 2 1/2 x .30 single	/	Side Girders, No. each side and thickness		
" " Extends up to... <i>Top of floor</i>			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder.....	4" /	/	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	/	/	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
" " Second 'tween Decks, Angle, [or]	/	/	" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " Third " " " "	/	/	" " Gussets, spacing and scantling forward 1/2 len. from stem		
Framing in Peaks, Angle or [or]	4 x 2 1/2 x .26 /	/	Tank Side Brackets, height above base line at toe of Frame and thickness)		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8" x 4 1/2" /	/	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>yes</i>		Breadth and thickness of Middle Line Strake ...		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars)	<i>Deep frame 5 x 2 1/2 x .30 / 4 1/2 x 3 x .32 Beams / W.T. Flat</i>	/	Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Double frames for 2 3/5 L. Shell thick maintained side keelsons,</i>	/	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room ?.....)		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	11 x .30 /	/	Uppermost Continuous Deck, amidships) in Wells, Angle, [or]	4 1/2 x 3 x .32 3 x 3 x .30 Half Beams.	
Height of Brackets at side above base line at toe of frame	22" /	/	" " in way of Bridge, Angle, [or]	3 1/2 x 3 x .30 " "	
Middle Line Keelson, on Floors, Angles, [or]	3 1/2 x 3 x .36 to .28 (double) /	/	Spacing	21"	
" " Through Plate or Intercoastal Plate....	.30 /	/	Second Deck, amidships, Angle, [or]	/	
" " Foundation Plate on Floors	<i>None</i>		Spacing.....	/	
" " Flat Plate Keel Angles	3 1/2 x 3 1/2 x .30 /	/	Third Deck, amidships, Angle, [or]	/	
Side Keelsons, No. each side <i>T.W.</i>	5 x 3 x .28 angle (single) /	/	Spacing.....	/	
" " thickness of Intercoastal Plate...	.26 flanged 2 1/2" to shell /	/	Fourth Deck, amidships, Angle, [or]	/	
" " Angles <i>for 2 3/5 L.</i>	2 1/2 x 2 1/2 x .26 to shell /	/	Spacing.....	/	
DOUBLE BOTTOM.			Peep Deck, Angle, [or]	4 1/2 x 3 x .32 3 x 3 x .30 Half Beams	
Solid Floors, thickness and spacing			Spacing.....	21"	
" " Are Frame and Reversed Frame joggled?.....)			Bridge Deck, Angle, [or]	3 x 2 1/2 x .28	
Bracket Floors, breadth and thickness at middle line.....)			Spacing.....	27"	
" " breadth and thickness at margin plate.....)			Forecastle Deck, Angle, [or]	4 1/2 x 3 x .30	
			Spacing	21"	

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS No. of Rows.....	one		Stringer Plate, breadth and thickness in way of Bridge	✓	
Forecastle in 'tween Decks, Size and Spacing.....	2" dia. solid 42" spacing		Thickness of Plating abreast Deck openings in way of Wells	✓	
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge	✓	
" in Holds	Two rows 6" x 36" Tubes at hatch ends.	✓	Thickness of Plating within line of openings...	✓	
" " " " " "			If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	✓		If Plated, state thickness.....	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	28" x 36	✓	If Plated, state thickness	✓	
" " " " in way of Bridge	16" x 26 at ends ✓		Poop Deck.		
" " " " " "	R.O.D. 26" x 36	✓	Stringer Plate, breadth and thickness	✓	
" Angle in Wells	3 1/2 x 3 1/2 x 36	✓	Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Wells	3 x 3 x 26 at ends. ✓		Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Bridge30	✓	Stringer Plate, breadth and thickness.....	24" x 24"	✓
Thickness of Plating within line of openings...	.30	✓	Plating, Sheathing, material and thickness ...	24, 1 1/2" Teak	✓
If Sheathed, material and thickness	Not sheathed		Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....	13" x 24	✓
Stringer Plate, breadth and thickness in Wells...	✓		Plating, Sheathing, material and thickness ...	24, 2 1/4" Teak	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or to or.	
FLAT PLATE KEEL	36	.50	.45	.45	✓	Double	3/4 3"	Three	3/4	2 5/8	Strapped
" DELG. (if any)	✓										
BOTTOM PLATING, No. of Strakes	(A+B)	.30	.30	.28	✓	Single	5/8 2 1/2	Two	5/8	2 1/4	Lapped
BILGE PLATING, No. of Strakes	(C)	.30	.30	.28	✓	Single	5/8 2 1/2	Two	5/8	2 1/4	"
SIDE PLATING, No. of Strakes	(D)	.38	.26	.26	✓	Single	5/8 2 1/2	Two	5/8 2 1/4	2 5/8	"
UPPER DECK, Sheer strake in Wells.....	(E)	.42	.48	.26	.26	✓	Single	5/8 2 1/2	Three	3/4 2 5/8	Strapped
UPPER DECK, Sheer strake in Bridge62 at break of R.O.D.			Double	7/8 3 1/2	Three	7/8	3 1/8	"
STRAKE BELOW Sheer strake in Wells.....	(D)	.38	.26	.26	✓	Single	5/8 2 1/2	Two	5/8 2 1/4	2 5/8	Lapped
STRAKE BELOW Sheer strake in Bridge ...											
POOP SIDE PLATING	✓										
BRIDGE SIDE PLATING ...	Home	.25 x .24	✓	✓	✓	Single	5/8 2 1/2	one	5/8	2 1/4	"
FORECASTLE SIDE PLATING	✓	✓	.24	✓	✓	Single	5/8 2 1/2	one	5/8	2 1/4	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	5	(4)
Extending to Upper Deck (Sec. 3 c).....	4	
" Deck next below	1	
As per Rule	4	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	Forging	5 1/2 x 1"	Hk + W. D. Co.	✓
STERN FRAME	Propeller Post	5 1/4 x 2 1/4	"	✓
	Rudder "	5 x 2 1/4	"	✓
RUDDER—A x D	Certg Rudder, approved London 2-2-31			✓
Speed of Vessel	8 knots			✓
RUDDER mainpiece at head ...	Forging	3" dia Hk + W. Dock Co.		✓
" " heel ...	✓			✓
" how constructed	Certg patent			✓
" double or single plate	✓			✓
" coupling, vertical or horizontal	Vertical			✓

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD. Upper 'tween decks	Frame No. 28	36 x 26	4 1/2 x 30	30	✓
" " Second	Frame No. 40	36 x 28	4 x 30	30	✓
" " Third	Frame No. 63	36 x 26	5 x 34	24	✓
" " Holds					
COLLISION " (in Hold)	Frame No. 65	36 x 28	5 x 34	24	✓
AFTER PEAK Frame No. 5.....		50 x 26	6 x 30	24	✓

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) O. H. Steel
	Dorman Long, Appleby Iron Co., Colvilles Ltd., The Lanarkshire Steel Co.
	Has the Steel been tested as required by the Rules? Yes

EQUIPMENT No. 4276										LETTER "d"		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
33560	1st Bower ...	8	0	0	-	-	-	10	2	2	0	✓ Cwts.	Byers Stockless	W. I. Byers & Co.	Sunderland 16/1/31
33538	2nd " ...	6	2	14	-	-	-	8	17	2	0	✓	"	"	" 19/12/30
	3rd " ...														J. H. Butler
	Collective weight.	14	2	14								14 1/4 ✓			
44039	Stream	2	1	2	-	2	12	4	15	0	0	✓ 2 1/4	Iron Stock	Not given	Bradley Heath 15/1/31 G. A. Paul

CHAIN CABLES.												HAWERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.			Per Rule.	Length.	Diam.					Fathoms.	Ins.		Length.	Cir.
45594	165	7/8	13 3/4	20 7/8	67-2-8			64 1/4	165	7/8	Stud Link	Hingley Bros	Bradley Heath 19-1-31 S.C. Paul	TOWLINE...	75	6 1/2	Hemp	75	6 1/2
Iron Stream Chain or Steel Wire	45	2 1/4		10.8					45	2 1/4	Steel wire	Binks Bros Ltd		"				90	4"
														"					

Steering Gear, Steam

Steering Gear, Hand Builders

Boats 2 @ 18' 0" x 6' 4" x 2' 5"

Steering Chains, Size and Test 5/8", 4 5/8 Tons, Rods 7/8"

Windlass Hand, Builders

Ceiling in Holds, thickness and material 2" 0-Pine

Cargo Battens, thickness, material and spacing 1 1/2" Pine, 8" spacing

Cargo Hatchways.-(Upper Deck) 40 Coaming, 7 x 3 x 40 B.A. Hor. Stiff. Thickness of Hatches 2 1/2" 0-Pine

Size of No. 1 Hatchway (Forward) 21' 0" x 12' 0" No. 2 15' 9" x 12' 0" No. 3

No. 4

No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters 7' 1 Hatch 3, 7' 2 Hatch 2,

Plate 11 1/2 x 30
Angles 3 x 3 x 40

REPAIRING & WHARF DOCK CO., Ltd.

Builder's Signature

R. H. Royce

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel Yes, oil (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo No. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

Oil fuel is carried in separate tanks placed in engine room, Flash point above 150° F.

This vessel has been built in accordance with the approved plans and instructions, the materials have been tested by the Surveyor to this Society, and the workmanship is, in my opinion, satisfactory.

The peak tanks, oil fuel tanks, weather decks & bulkheads have been satisfactorily tested as required by the Rules.

An "Certz" rudder has been fitted to plans approved in London 2-2-31.

The freeboard assigned has been marked on the vessels' sides & cut in, freeboard report, request form & verification form have been forwarded to London.

The amount of Entry Fee £6 : \$ 1.28

Special Survey Fee £ 51-8/- = \$ 10.96

Freeboard £ 4 : \$ 86

Travelling Expenses, if any £ : \$ 1.00

Cablegrams Total \$ 14.42

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to Builder

Date of issue 4/8/31

Fees applied for,

June 13th 1931

Received by me,

9. 9. 1931

I am of opinion the Vessel should be Classed +100A1

with notation "Lloyds A+CP"

Signature

W. H. Morrison
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUE. 28 JUL 1931

Character assigned

+100A1

+ L.M.C. 6.31

C.L.

Write Spec.

Lloyds A+CP.

Oil Eng.

ML



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GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

No sister vessel.

Plans approved H&B, copies in London Office.

Midship section of vessel as built enclosed.

Forging report enclosed.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 4-0-26, MB, 8710, 25-9-30
2nd " 4-0-24, MB 8727, 25-9-30
3rd " ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 49.0 ft., Bridge ✓ ft., Forecastle 14.0 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (this information is to be given as it should appear in the Register Book) one deck (Steel)

Official No. ; Signal Letters Is bottom of Vessel coated with cement yes if not give particulars of composition ✓

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity, Tons.	Where Fitted.	*Length. Feet.	Water Capacity, Tons.
Double bottom, aft,			Fore peak tank,	<u>10.5</u>	<u>11</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>8.75</u>	<u>24</u>
Double bottom, if under Engines only,			Deep tank, aft,	✓	
Double bottom, if under Boilers only,			Deep tank, forward,	✓	
Double bottom, forward,			Other tanks, if fitted,	✓	
	✓		(If necessary, furnish further information by sketch.)	✓	
Total capacity of double bottom					

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No.

Date 5th Jan. 1931

Dates of Surveys held while building

1931

Mar. 6, 18, 25, 31, April 2, 10, 15, 17, 20, 23, 29, 30, May 2, 5, 6, 9, 13, 16, 18, 20, 21, 26, 28, June 1, 2, 4, 6, 8, 13.

Lloyd's Register
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Total No. of Visits 29