

STEEL STEAMER or MOTORSHIP.

Received at London Office

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 *22nd October, 1929*Port of *Mahmra*No. *942*Survey held at *Mahmra*Date First Survey *23rd Nov., 1928*Last Survey *16th October, 1929*

On the

(State if Machinery fitted Aft and

if Single, Twin or Triple Screw)

Steel Twin Screw Motorships "TAI SHAN"

(Machinery amidships)

State Type

(Full Scantling, Complete Superstructure

with or without Tonnage Openings)

State Type of Erections *Prop & Sels.*

TONNAGE under

Tonnage Deck...

*5920.96*CLASS *102A1*

State if with freeboard

as condition of Class

Yes

Built at

Mahmra

Do. of space or spaces

Total

Gross Tonnage

6603.70

Register Tonnage

4058.41

Length from fore part of stem to after part of stern

Breadth (greatest moulded)

Depth, at middle of length from top of keel to top

1st Longitudinal Number (L x D)

2nd Numeral L x (B + D)

Framing Depth "d," at middle of length. See

Proportions—Depth to Length—Uppermost con-

Do. Long Bridge to top

Draught Moulded

L

B

D

=

=

18.68

10.76

27'-0 5/8"

Launched

10th Aug, 1929

Yard No.

160

Builders

Hockmire & Co. Verulam, Va.

Owners

The Transpacific Corporation

Managers

W. H. Wilhelmsen

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

Residence

Obo

Port of Registry

Panama

If surveyed while building, afloat, and in dry dock

Yes

FRAMES, DOUBLE BOTTOM AND BEAMS.

	m/m. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		m/m. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	850	✓	Bracket Floors, Frame		
" " from 3/4 length to Collision	685	✓	" " Reversed Frame		
" " in peaks	610	✓	" " Vertical Struts		
E FRAMING.			Centre Girder, depth and thickness amidships	1190 17.5	✓
Frame Amidships, Angle, E or C	300 90 13	✓	" " top Angles <i>Double</i>	90 90 14	✓
" " Extends up to	UPPERMOST CONT. DECK.	✓	" " bottom Angles	130 130 16.5	✓
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	2 11	✓
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	1050 14	✓
Depth of Framing Girder	300	✓	" " Vertical Angle to Tank side	150 150 14	✓
Frames in Uppermost Continuous 'tween	See above.		" " Bracket abaft 1/4 len. from stem	150 150 14	✓
Decks, Angle, E or C			" " Vertical Angle to Tank side	150 150 14	✓
" " Second 'tween Decks, Angle, E or C	200 90 11	✓	" " Bracket forward 1/4 len. from stem		
" " Forw. of Fr. 145.			" " Gussets, spacing and scantling	Continuous	
" " Third " " "			" " abaft 1/4 len. from stem		
Framing in Peaks, Angle or C	200 90 11	✓	" " Gussets, spacing and scantling	Gusset Plates	
Diameter and Spacing of Rivets through	22 135	✓	" " forward 1/4 len. from stem		
Frame and Shell Plating amid-	Yes		Tank Side Brackets, height above base line	2050-1950 12.5	
ships			at toe of Frame and thickness		
State if Frame Joggled	Exception in Peaks.		INNER BOTTOM PLATING.		
FRAMING ARRANGEMENTS (Sec. 7), state	As per Section 7B		Breadth and thickness of Middle Line Strake	1650 14	✓
system and particulars			Thickness of remainder in Holds	12-10.5	✓
STRENGTHENING OF BOTTOM FOR-	As per		Are Rule requirements complied with regarding	Yes	✓
WARD. State Particulars	Appt. Plan		increases of scantlings in way of double		
DOUBLE BOTTOM.			bottom in E. & B. space and framing in		
Keelsons, Depth and thickness at mid-line in			Bulkheads and Boiler Room		
Holds			BEAMS.		
Height of Brackets at side above			Uppermost Continuous Deck, amidships	230 90 11	✓
base line at toe of frame			" " in Wella, Angle, E or C		
Middle Line Keelson, on Floors, Angles,			" " in way of Bridge, Angle,		
E or C			E or C		
" " Through Plate or			Spacing	Every Frame	
Intercostal Plate			Second Deck, amidships, Angle, E or C	250 90 11	✓
" " Foundation Plate on			Spacing	Every Frame	
Floors			Third Deck, amidships, Angle, E or C	230 90 11	✓
" " Flat Plate Keel Angles			Spacing	Every Frame	
Keelsons, No. each side			Fourth Deck, amidships, Angle, E or C		
" " thickness of Intercostal Plate			Spacing		
" " Angles			Poop Deck, Angle, E or C	180 75 9	✓
DOUBLE BOTTOM.			165 75 9.5		
Keel Floors, thickness and spacing	11 Every Frame	✓	Spacing	Every Frame	
" " Are Frame and Reversed Frame	Yes	✓	Bridge Deck, Angle, E or C		
joggled?			Spacing		
Bracket Floors, breadth and thickness at			Forecastle Deck, Angle, E or C	200 75 11.5	✓
middle line			Spacing	Every Frame	
" " breadth and thickness at					
margin plate					

PILLARS AND DECKS.			
	m/m. Inches IN SHIP.	Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....	3		
Centre	89 9.5		
" in 'tween Decks, Size and Spacing.....	168-190x10-11		
" " " "	360x10-12		
" " " "	330x12.5		
" in Holds " "	350x15		
" Motor space " "	380x14		
" " " "	430x15		
" " " "	460/480x15-16-18		
" " " "	330x11.5		
Centre Line Bulkhead.....	130x65x8		
Stiffeners and Spacing.....	280x75x12		
	230x90x11.5		
	Every Frame		
Plating, thickness of	Tween Deck 6.5		
	Holds 9.5		
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells.....	1650 18.5		
" " " " in way of Bridge.....			
" Angle in Wells	150 150 18.5		
Foreast	15		
Thickness of Plating abreast Deck openings in way of Wells.....	14		
Thickness of Plating abreast Deck openings in way of Bridge.....			
Thickness of Plating within line of openings.....	11.5-11		
If Sheathed, material and thickness.....			
Ag-1085 E.R.	1520 15.5		
Second Deck.			
Stringer Plate, breadth and thickness in Wells.....	1520 11.5		
Stringer Plate, breadth and thickness in way of Bridge.....			
Thickness of Plating abreast Deck openings in way of Wells.....			
Thickness of Plating abreast Deck openings in way of Bridge.....			
Thickness of Plating within line of openings.....			
If Sheathed, material and thickness.....			
E.R.	1850 8.5		
Third Deck.			
Stringer Plate, breadth and thickness.....	1520 8.5		
If Plated, state thickness.....	9.5		
Fourth Deck.			
Stringer Plate, breadth and thickness.....			
If Plated, state thickness.....			
Poop Deck.			
Stringer Plate, breadth and thickness.....	7.5		
	9		
Plating, Sheathing, material and thickness	2 1/2" Or. Pine		
Bridge Deck.			
Stringer Plate, breadth and thickness.....			
Plating, Sheathing, material and thickness			
Forecastle Deck.			
Stringer Plate, breadth and thickness.....	9.5		
Plating, Sheathing, material and thickness	9		

ANCHORS.

GENERAL DECLARATION. *It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel* Yes *(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo* Yes. *The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.*

The amount of Entry Fee £*St* : *182:00*
Spd *214:80* Fees applied for,
Special Survey Fee £*St* : *6644:82* *2nd Oct, 1929* *as per*
Travelling Expenses, if any £*St* : *12:95* Received by me, *I am of opinion the Vessel should be Classed*
Telegram *7.11.29* *with forward.* *1929*

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.)

Plans of the vessel as built, 2 in number, i.e. Midship section, Profile and plan. Also the following approved plans are forwarded under separate cover:—

Midship section
Profile and plans.
Shell expansion.
Spectacle frames.
Shaft brackets.
Stern frame.
Rudder.
Sump tank.
Arrangement of gasket plate.
Refrigerated hold (2 altern.)
Engine seatings.
Fore peak and stringers.
Double bottom forward.
After peak.

Certificates:—

Rudder head, main piece and arms.
Stern frame.
Shaft brackets.

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

1st Bower
2nd "
3rd "

Heads { 50-3-9. J.L. 207. 21-3-29.
50-2-13. J.L. 206. 21-3-29.
51-1-24 K.H. 10212. 23-5-29.

Shanks { 27-3-19. M.B. 560. 25-3-29.
28-0-24. J.L. 558. 21-3-29.
27-3-1. K.H. 605. 23-5-29.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 44.3 ft., R.C.D. ft., Bridge ft., Forecastle 40 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) 1st dk. (stl.) 2nd shelter dk. (stl.) 3rd dk. (stl.) in Nos. 1, 2 & 4 holds

Official No. ; Signal Letters Is bottom of Vessel coated with cement No if not give particulars of composition Bottom cement fitted in peak tanks and in tunnel well.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	94.83		Fore peak tank,	26.4	134
Double bottom, under Engines and Boilers,			After peak tank,	22.0	135
Double bottom, if under Engines only, 361.34	66.93		Deep tanks aft, Between tunnels.		300.6
Double bottom, if under Boilers only,			Deep tank, forward,	33.45	159.2
Double bottom, forward,	199.58		Other tanks, if fitted, Tunnel wing tanks		179.4
Deck, gaffers, lubr. oil - fuel water and expansion tanks.	Total capacity of double bottom	1319.7	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 55.

Date Dec. 15th, 1927

Dates of Surveys held while building

23/11, 24/12, 24/12 - 1928. 4/1, 10/1, 4/1, 28/1, 4/2, 4/2, 13/2, 22/2, 4/3, 1/3, 4/3, 27/3, 4/4, 3/4, 5/4, 10/4, 1/4, 16/4, 24/4, 25/4, 26/4, 29/4, 1/5, 16/5, 3/5, 23/5, 24/5, 25/5, 28/5, 29/5, 30/5, 31/5, 1/6, 3/6, 4/6, 5/6, 6/6, 7/6, 8/6, 10/6, 11/6, 13/6, 18/6, 20/6, 22/6, 1/7, 3/7, 5/7, 6/7, 8/7, 9/7, 11/7, 13/7, 14/7, 17/7, 18/7, 19/7, 24/7, 23/7, 24/7, 26/7, 1/8, 6/8, 7/8, 8/8, 10/8, 12/8, 16/8, 21/8, 23/8, 24/8, 27/8, 27/8, 28/8, 7/9, 14/9, 17/9, 21/9, 23/9, 24/9, 25/9, 27/9, 28/9, 30/9, 3/10, 11/10, 13/10, 15/10 - 1929.

Total No. of Visits 93.