

STEEL STEAMER or MOTORSHIP.

KANLAON II

Received at London Office

27 FEB 1931

27 FEB 1931

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

State if Report is sent on the Machinery of the Vessel

Date of completion of report

Port of

No.

Survey held at

Date First Survey

Last Survey

On the

TWIN SC. KANLAON

Machinery amidships.

State Type

State Type of Erections

TONNAGE under Tonnage Deck

CLASS

Built at

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

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

Launched

Total

Breadth (greatest moulded)

Builders

Gross Tonnage

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

Owners

Net Tonnage

1st Longitudinal Number (L x D)

Managers

REGISTERED DIMENSIONS.

Framing Depth "d," at middle of length. See Sec. 3 (1d)

Residence

Length

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

Port of Registry

Breadth

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock

Depth

Draught Moulded

Building

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	22		Bracket Floors, Frame		
" from 1/3 length to Collision bulkhead	22		" " Reversed Frame		
" in peaks	22		" " Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships		
Amidships, Angle, E or F	5 3/4 30		" " top Angles		
Extends up to	up to deck		" " bottom Angles		
Reversed Frame Amidships, Angle, E or F	3 1/2 3 40		Side Girders, No. each side and thickness		
Extends up to	up to floor		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		
" Second 'tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" Third " " "			" " Gussets, spacing and scantling forward 1/4 len. from stem		
Spacing in Peaks, Angle or F	4 2 1/2 34		Tank Side Brackets, height above base line at toe of Frame and thickness		
Number and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5/8 4 1/2		INNER BOTTOM PLATING.		
State if Frame Joggled	yes		Breadth and thickness of Middle Line Strake		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	Web frames 12x30, 7.A. 4x3x35 Stiffeners 12x30, 7.A. 4x2x30		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FOR FORWARD. State Particulars	Double frames for 1/2 L to Coll. Bldg. amidships, thickness bottom maintained as per Sec. 11. Seams D.P. Additional Side Keelson for 70 to 82		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?		
DOUBLE BOTTOM.			BEAMS.		
Frames, Depth and thickness at mid-line in Holds	18 3/2 increased in depth to 3-3 in lieu of ridge brackets		Uppermost Continuous Deck, amidships in Holds, Angle, E or F	6 3 35	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F		
Line Keelson, on Floors, Angles	4 3 35 A.A.		Spacing	Alternate frames	
" " Through Plate or Intercoastal Plate	40 to 35		Second Deck, amidships, Angle, E or F		
" " Foundation Plate on Floors	12 40 35		Spacing		
" " Flat Plate Keel Angles	3 1/2 3 1/2 40		Third Deck, amidships, Angle, E or F		
Keelsons, No. each side	one		Spacing		
" thickness of Intercoastal Plate	30		Fourth Deck, amidships, Angle, E or F		
" Angles	A.A. 4 1/2 3 35 30		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or F		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, E or F	4 2 1/2 30	
Bracket Floors, breadth and thickness at middle line			Spacing	24	
" " breadth and thickness at margin plate			Forecastle Deck, Angle, E or F	6 3 35	
			Spacing	Alternate frames	

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.....	Two		Stringer Plate, breadth and thickness in way of Bridge	✓	
" <i>help shade</i> in-tween Decks, Size and Spacing.....	$2\frac{3}{4} \times 7\frac{1}{2}$ tubular Spaced 88"		Thickness of Plating abreast Deck openings in way of Wells	✓	
" " " " "			Thickness of Plating abreast Deck openings in way of Bridge	✓	
" in Holds " "	$2\frac{3}{4}$ solid 4 frames apart = 88"		Thickness of Plating within line of openings...	✓	
" <i>Engine Room</i> " "	<i>ditto</i>		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	40 .45 ($\frac{1}{2}$)		If Plated, state thickness	✓	
" " " " in way of Bridge	25 .35 Decks.		Poop Deck.	✓	
" " " " " "	$3\frac{1}{2}$ $3\frac{1}{2}$.45 ($\frac{1}{2}$)		Stringer Plate, breadth and thickness	✓	
" Angle in Wells	$3\frac{1}{2}$ $3\frac{1}{2}$.40 Decks.		Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Wells30		<i>shade</i> Bridge Deck.	28 .30 ($\frac{1}{2}$)	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Stringer Plate, breadth and thickness.....	15 .25	
Thickness of Plating within line of openings...	.30		Plating, Sheathing, material and thickness ...	<i>No plating</i> .25 <i>Pine 2" thick</i>	
If Sheathed, material and thickness	Teak $2\frac{1}{2}$		Forecastle Deck.	✓	
Second Deck.			Stringer Plate, breadth and thickness.....	17 .30	
Stringer Plate, breadth and thickness in Wells...	✓		Plating, Sheathing, material and thickness ...	30 Teak $2\frac{1}{2}$	

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 cr. to cr.	
FLAT PLATE KEEL	39	.50	.45	.45		Double	$\frac{3}{4}$	3	Three	$\frac{3}{4}$	2 7/8 Strapped
" DBLG. (if any) ✓											
A .45 .35 .35					Fitted $\frac{3}{16}$ Rivets	Double	$\frac{3}{4}$	3	Three	$\frac{3}{4}$	2 7/8 Strapped
B .40 .35 .35					" $\frac{1}{2}$ " "	Single	$\frac{3}{4}$	3	Two	$\frac{3}{4}$	2 7/8 Strapped
C .40 .35 .35					" $\frac{1}{2}$ " "	Single	$\frac{3}{4}$	3	Two	$\frac{3}{4}$	2 7/8 Strapped
D .45 .35 .35					✓	Single	$\frac{3}{4}$	3	Three	$\frac{3}{4}$	2 7/8 Strapped
E 44 .50 .35 .35					✓	Double	$\frac{3}{4}$	3	Three	$\frac{3}{4}$	2 7/8 Strapped
UPPER DECK, Sheer-strake in Wells.....											
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....											
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			.26			Single	$\frac{5}{8}$	2 1/2	Two	$\frac{5}{8}$	2 1/4 Strapped

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c)	Four				
" Deck next below	✓				
As per Rule	Four				
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	✓				
" " Second "	✓				
" " Third "	✓				
" " Holds 38 x 60	.30	6 x 3 x 38	30		
" " " "	.35				
" " " "	.30	6 x 3 x 35	24		
" " " "	.40				
" " " "	.30				
COLLISION " (in Hold)40	6 x 3 x 35	24		
" " " "	.30				
AFTER PEAK " "50	5 x 3 x 35	27		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	Forging	6 x 1 1/2	Bulders	
STERN FRAME { Propeller Post	"	5 7/8 x 3 1/2	"	
{ Rudder "	"	5 7/8 x 3 1/2	"	
RUDDER—A x D			Bulders approved London 23/7/30	
Speed of Vessel		15 knots		
RUDDER mainpiece at head ...	Forging	4 1/2 dia		
" " heel ...	✓			
" how constructed	Only Patent			
" double or single plate	✓			
" coupling, vertical or horizontal	✓			

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Heart.

STEEL.

Steel Co. of Scotland. Consult Ltr. Dorman Long.

Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No. 7838											LETTER 4		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.	Cwts.			
33336	1st Bower ...	14	2	7				16	3	1	21		Bye's Improved Hook	L.P. Rogers	Lundland 4-9-30
33337	2nd „ ...	15	-	-				16	10	0	0		"	"	J. H. Butler
33340	3rd „ ...	13	0	21				14	19	1	14		"	"	"
	Collective weight.	42	3	0								41 3/4			
4113	Stream	4	1	3	1	0	16	6	12	2	0	4 1/4	Admiralty Pattern (Ordinary)	-	Tipton 15-9-38 H.C. Leno.
															HAWSERS AND WARPS

CHAIN CABLES.										HAWSEERS 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.	Length.					Cir.	Length.		Cir.	Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Owts.	qrs.	lbs.	Owts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
66554	195 ³ / ₄	1 ³ / ₁₆	25 ³ / ₄	38	142	1	5	141 ¹ / ₄	195	1 ³ / ₁₆	Stud link	-	Tipton 16-9-30 H.C. Leno	TOWLINE...	75	8 ¹ / ₂	Heap	75	8 ¹ / ₂
													HAWSEERS & WARPS	90	6	"	90	6	
66582														"					
Iron Stream Chain or Steel Wire	60 ¹ / ₂	1 ¹³ / ₁₆	11 ⁷ / ₈	17 ⁷ / ₈	20	2	13	20 ¹ / ₂	60	1 ¹³ / ₁₆	Stud link	-	Tipton 4-9-30 H.C. Leno	"					

Steering Gear, Steam

Steering Gear, Hand *Builder*

Boats *6 @ 24 x 7' 6" x 3' 0"*

Steering Chains, Size and Test *16' tested to rule*

Windlass *Electric*

Ceiling in Holds, thickness and material *2" pine*

Cargo Battens, thickness, material and spacing *6 x 1 1/2" pine, 12" spacing*

Cargo Hatchways.-(Upper Deck) *Two: 1. 24 x 40 beam; 2. 18 x 40. Thickness of Hatches 2 1/2" pine*

Size of No. 1 Hatchway (Forward) *8' 0" x 4' 4"* No. 2 *8' 0" x 4' 4"* No. 3 *-* No. 4 *-* No. 5 *-* No. 6 *-*

Number of Shifting Beams and/or Fore and Afters *one, 7 1/2 x 7.*

Builder's Signature

F.H. Dunn

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *Oil Engine* (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.

0.4. Tanks fitted in Engine Room. F.P. above 150°F. Scantlings, arrangements & fittings to approved plans & rules.

This vessel has been built in accordance with the approved plans, Rules & Instructions, of materials tested by the Surveyors to this Society. The materials & workmanship are, in my opinion, sound & good. The Steer tanks, bulwarks & weather decks have been tested to the requirements.

An Outfit Ladder has been fitted to plans approved in London.

The Freeboard assigned has been marked on the vessel's sides & cut in the request & verification forms sent to London.

A temporary lead line corresponding to a draught of 9' 9" was marked on the sides & the vessel prepared for the voyage to Manila. Particulars forwarded under separate cover.

The amount of Entry Fee *\$118.00*
Freeboard 118.00
 Special Survey Fee *\$1586.00*
 Travelling Expenses, if any *\$80.00*
Cablegram *\$35.00*

Fees applied for, *30/3/1931*
 Received by me, *11-5-31*

I am of opinion the Vessel should be Classed *+100 A1*
"for Philippine Coasting Service"

State whether the Vessel has been built under Special Survey *yes*

Signature

J. Simpson
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *44p. Office*

Date of issue

See letter dated 8/5/31.

11/5/31.

Committee's Minute *FRI. 1 MAY 1931*

Character assigned *+100A1*

For Philippine Coasting Service

+ L.M.C. 3.31

Lloyd's A & R

My

Oil Eng. C.L.

Write to

44p



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Lloyd's Register Foundation

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 approved & the copies in London Office.
Midship section of vessel as completed & fitting reports herewith.
Wireless Telegraphy now fitted.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Oct. 8-3-10	K.H. Dusseldorf.	8438	19-8-1930
	2nd "	" 8-3-21	K.H.	8455	15-8-1930
	3rd "	" 7-3-21	K.H.	8432	15-8-1930

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 27 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, wood.

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,	15	17½
Double bottom, under Engines and Boilers,	✓		After peak tank,	13	30
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,	✓	
Total capacity of double bottom			(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.

Date.

Dates of Surveys held while building

Aug 19. Oct. 10, 21, 28. Nov 1, 3, 7, 8, 12, 15, 20, 25. Dec 2, 4, 10, 12, 15, 17, 22, 29. Jan 3, 8, 10
Feb 1, 12, 13, 17, 21, 22, 26, 28, 29. Feb 2, 9, 13, 20, 21, 23, 26, 27. Mar 5, 10, 12, 17, 18, 20, 21, 23
24, 25, 27, 20.



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Total No. of Visits 51