

STEEL STEAMER or MOTORSHIP.

Received at London Office 20 SEP 1926

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 (Machinery to be installed at Glasgow.)
SEA CARRIERS ONLY.Date of completion of report 16th September 1926.Port of Dublin.No. 4464Survey held at Dublin.Date First Survey 12th January 1926Last Survey 26th August

1926.

On the (State if Machinery fitted for and of Single, Twin or Triple Screw)

STEEL TWIN SCREW "KAHANUI"

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

FULL SCANTLING.

State Type of Erections None.TONNAGE under 188.32.
Tonnage Deck..CLASS *100.A.1.
For Towing Purposes.State if with freeboard No.
as condition of ClassBuilt at DublinDo. 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) } L 110

Breadth (greatest moulded) B 24.0

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 12.0

1st Longitudinal Number (L x D) = 1320

2nd Numeral L x (B + D) = 3960

Framing Depth "d," at middle of length. See 10.50 ordinary floor.
Sec. 3 (1d) 9.75 at TANK.Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel 9.16Do. Long Bridge to top
of keel

Draught Moulded 11'-1"

Launched 24th August 1926 Yard No. 121.Builders The Dublin Dockyard Co.Owners Wanganui Harbour Board, New ZealandManagers
(Where necessary to be entered in Reg. Book.)

Residence

Port of Registry Wellington.

If surveyed while building, afloat, or in dry dock

while building and afloat.DIMENSIONS.
FEET.

10.3

24.2

11.1

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.
cing amidships	2 1/2				Bracket Floors, Frame				
from 1/2 length to Collision bulkhead	"				" " Reversed Frame				
in peaks	"				" " Vertical Struts				
NG.					Centre Girder, depth and thickness amidships	29	3 1/2	28	
ships, Angle, <u>4</u> <u>2 1/2</u> <u>36</u> in way of D. Bottom.	4	2 1/2	36		top Angles	3	3	30	
ships, Angle, <u>4</u> <u>2 1/2</u> <u>36</u> in way of Single Bottom.	4	2 1/2	36		bottom Angles	3 1/2	3 1/2	34	
Extends up to <u>Upper Deck.</u>	4	2 1/2	52	Owner's increase.	Side Girders, No. each side and thickness	One		28	
in Boiler Space	4	2 1/2	52		Margin Plate depth (excl. of flange) and thickness			30 level.	
Frame Amidships, Angle					" " Vertical Angle to Tank side				
Extends up to...					Bracket abaft 1/2 len. from stem				
aming Girder	4"				" " Angle to Tank side	3	3	27	
Uppermost Continuous 'tween Decks, Angle, [or [.....					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				
a Peaks, Angle <u>4</u> <u>2 1/2</u> <u>30</u>	4	2 1/2	30		Tank Side Brackets, height above base line at toe of Frame and thickness	3'-3"		31	
and Spacing of Rivets through Frame and Shell Plating amid- ships	5/8	4 1/2	3 1/2	in way of Peak tank and flat of bottom forward.	INNER BOTTOM PLATING.				
ame Joggled	Yes.				Breadth and thickness of Middle Line Strake ...	39	39	30	
RRANGEMENTS (Sec. 7), state system and particulars	Cabin flat forward.				Thickness of remainder in Holds			28	
ENING OF BOTTOM FOR- State Particulars	Frames doubled and additional internal width thickness of steel increased forward.				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?	Yes			
TTOM.					BEAMS.				
depth and thickness at mid-line in Holds	18	28	flanged 3 1/2		Uppermost Continuous Deck, amidships	6	3	36	
Height of Brackets at side above base line at toe of frame	3'-5"				" " Angle, [or [.....				
line Keelson, on Floors, Angles, [or [.....					" " in way of Bridge, Angle, [or [.....				
" " Through Plate <u>21</u> <u>34</u> <u>29</u> <u>49</u> in Boiler Space.	21	34	29		Spacing		43"		
" " Foundation Plate on Floors	12	49	29	33 to 29.	{ Second Deck, amidships, Angle, [or [.....	2 1/2	2 1/2	24	
" " Flat Plate Keel Angles	3	3	32		CABIN SOLE.				
sons, No. each side	One				Spacing		43"		
" thickness of Intercoastal Plate...					Third Deck, amidships, Angle, [or [.....				
" Angles	5	4	38		Spacing				
BOTTOM.					Fourth Deck, amidships, Angle, [or [.....				
oors, thickness and spacing	2 1/2	28			Spacing				
" Are Frame and Reversed Frame joggled?	Yes				Poop Deck, Angle, [or [.....				
Bracket Floors, breadth and thickness at middle line					Spacing				
" breadth and thickness at margin plate					Bridge Deck, Angle, [or [.....				
					Spacing				
					Forecastle Deck, Angle, [or [.....				
					Spacing				

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.....	Gne				Stringer Plate, breadth and thickness in way of Bridge	-	-	-	
" in 'tween Decks, Size and Spacing.....	-	-	-		Thickness of Plating abreast Deck openings in way of Wells	-	-	-	
" " " " "	-	-	-		Thickness of Plating abreast Deck openings in way of Bridge	-	-	-	
" Hold In Crews Accommodation, Aft. 4-3"	4-3"	2 1/2	/		Thickness of Plating within line of openings...	-	-	-	
" " In Officers Accommodation, forward 4-3	4-3	2 1/8	/		If Sheathed, material and thickness WHITE PINE 1 1/2" FORWARD. 2" AFT.	-	-	-	
" " In After Store Room 2 1/8	2 1/8	/			Third Deck.				
Centre Line Bulkhead.					Stringer Plate, breadth and thickness.....	-	-	-	
Stiffeners and Spacing.....	-	-	-		If Plated, state thickness.....	-	-	-	
Plating, thickness of	-	-	-		Fourth Deck.				
STRINGERS AND DECKS.					Stringer Plate, breadth and thickness.....	-	-	-	
Uppermost Continuous Deck.					If Plated, state thickness	-	-	-	
Stringer Plate, breadth and thickness W.W. 54 .40 to .30 .30 to .26.	54	.40 to .30	.30 to .26.	/	Poop Deck.				
" " " " in way of Bridge - - -	-	-	-	/	Stringer Plate, breadth and thickness	-	-	-	
" Angle in Wells 3 3 32-27	3	3	32-27	/	Plating, Sheathing, material and thickness ...	-	-	-	
Thickness of Plating abreast Deck openings in way of Wells	-	-	-		Bridge Deck.				
Thickness of Plating abreast Deck openings in way of Bridge E.X.B. CASINGS 38 and 28 to 24 28 to 24.	38 and 28 to 24	28 to 24.	/		Stringer Plate, breadth and thickness.....	-	-	-	
Thickness of Plating within line of openings...	-	-	-		Plating, Sheathing, material and thickness ...	-	-	-	
If Sheathed, material and thickness TEAK 5" 2 1/2	5"	2 1/2	/		Forecastle Deck.				
Second Deck. CABIN SOLE.					Stringer Plate, breadth and thickness.....	-	-	-	
Stringer Plate, breadth and thickness in Wells...	-	-	-		Plating, Sheathing, material and thickness ...	-	-	-	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	36	48	46	46	42 to 38	SINGLE.	3/4	3	TREBLE.	3/4	25/8	Strapped	
„ DBLG. (if any)		none											
BOTTOM PLATING, No. of Strakes ..Two.....		31	31	29	31 to 27	SINGLE.	5/8	2 1/2	DOUBLE	5/8	2 1/4	Lapped	
BIDGE PLATING, No. of Strakes ..Two.....		31	27	31		"	5/8	2 1/2	"	5/8	2 1/4	"	
SIDE PLATING, No. of Strakes ..One.....	42	34	27	27		"	5/8	2 1/2	"	5/8	2 1/4	"	
UPPER DECK, Sheer-strake ..One.....	42	36	27	27		"	5/8	2 1/2	"	5/8	2 1/4	"	
UPPER DECK, Sheer-strake in Bridge ...	-	-	-	-									
STRAKE BELOW Sheer-strake in Wells.....	-	-	-	-									
STRAKE BELOW Sheer-strake in Bridge ...	-	-	-	-									
POOP SIDE PLATING	-	-	-	-									
BULWARK PLATING	3'-9"	25	25	25									
FOREC'TLE SIDE PLATING	-	-	-	-									

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		Four				
Extending to Upper Deck (Sec. 3 c)		—				
„ Deck next below		—				
As per Rule		Per Approved plans.				
	Plating Thickness.	STIFFENERS.				
		VERTICAL.		HORIZONTAL.		
		Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D, Upper tween decks	N ^o 15	34-26	5 x 3 x 3/4	30	—	—
„ „ 34-26	N ^o 44	38-36	5 x 3 x 3/4	30	—	—
„ „ 38-36	N ^o 28. Non W.T.	40-38	4 1/2 x 3 x 3/4	30	—	—
„ „ 40-38	N ^o 33. Non W.T.	24-28	4 1/2 x 3 x 3/4	36	—	—
COLLISION	(in Hold) N ^o 56	32	6 x 3 x 40	24	—	—
AFTER PEAK	N ^o 5	32	6 x 3 x 36	24	—	—

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	FLAT KEEL			
STEM	Rollad Bar	6" x 1 1/8"		5 3/4" x 1 1/8"
"A" BRACKETS	Acid-Steel			
Propeller Post	Casting	8" x 3 3/8"		
STERN FRAME	Scrap Iron Forging	5 3/4" x 1 1/4"	Emerson, Walker & Thompson Bros.	
Rudder				
RUDDER—A x D	59.00			
Speed of Vessel	12 Knots.			
RUDDER mainpiece at head ...	Scrap Iron Forging.	4 5/8" dia	Emerson, Walker & Thompson Bros.	
" " heel ...	ditto	3 1/2" dia	" "	
" " how constructed	Flanged & Rivet.	"	"	
" " double or single plate	Single	6 1/4"	.	
" " coupling, vertical or horizontal	Horizontal	12 1/4" dia x 1 3/8" thick.		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Limerick Martin process.
Lancashire Steel Co Ltd. David Colville & Son Ltd. South Durham Steel & Iron Co Ltd. Scottish Iron & Steel Co Ltd. Dorman, Long & Co Ltd.
Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No. 3960										LETTER	ANCHORS.				
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF HEAD & PINS.			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.
29503	1st Bower ...	6	3	0	4	3	0	9	0	0	0	6 1/4	Payson Improved Stockless	Payson Limited	London. 19/6/26 J. H. Butler.
29502	2nd „ ...	6	2	14	4	3	0	8	17	2	0	5 1/2	“ „ “	“ „	“ „ “ „
	3rd „ ...														
	Collective weight.	13	1	14											
41910	Stream	3	0	10	0	3	12	5	12	0	21	—	Ordinary forged iron	—	Cradley Heath. 15/6/26 S. C. Paul
41910	KEDGE.	1	2	8	0	1	20	4	1	2	7	—	“ „ “	—	“ „ “ „
CHAIN CABLES.														HAWSERS AND WARPS.	

CHAIN CABLES.

HAWSERS 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.	Statutory.	Breaking.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
39242	105	1"	18	27	82-2-14	84		90	1	STEEL LINK		Cradley H. 15/6/26 S.C. Paul	TOWLINE	180	16	14	60	5 1/2"
39243	60	1"	18	27	32-0-14	84				" "		" " " " " "	HAWSERS & WARPS	80	13	"	60	5 1/2"
39244	45	7/16"	3 3/4	7 1/2	9-1-2	83 1/4				" "		" " " " " "	"	90	5"	"	60	4"
Iron Stream Chain or Steel Wire														(Two 5 40	4 1/2	89 59		
														(Three 5 25	2 1/4	15		

Steering Gear, Steam *Donkin & Co. Walker Gate, Newcastle-on-Tyne* Steering Gear, Hand *Steam combined, amidships before Tiller.*

Boats *Two Lifeboats 14' x 6' x 2-35'* Steering Chains, Size and Test *12/16" - T. C. 9 1/2 lbs 6-15-0-0* Windlass *Emerson Walker Ltd, Gateshead Patent Steam direct.*

BUNKERS
Ceiling in ~~hold~~ thickness and material *PITCH PINE 2 1/2"* Cargo Battens, thickness, material and spacing *none*

Cargo Hatchways.—(Upper Deck) *none* Thickness of Hatches *✓*

Size of No. 1 Hatchway (Forward) *✓* No. 2 *✓* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *✓*

For and

The Dublin Dockyard Co.

Builder's Signature

William J. Mason

GENERAL MANAGER.

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans and Secretary's letters and in general conformity with the Rules.*

The materials and workmanship are good.

Vessel has left for Glasgow where it is intended to install the Machinery and Electric installation and complete the outfit as per Owners Specification.

To complete the survey, the following remains to be done:— Machinery casings to be rivetted up; and decks laid in way of same and tested; hand pumps and Engine Bilge & Ballast pumps to test; windlass and steering gear to test under working conditions; the whole of the outfit, stores etc to be checked and placed on board.

The Glasgow Surveyors have been advised.

The amount of Entry Fee £ 2 : 0 : 0 Fees applied for, *18/9/1926*
Special Survey Fee £ 20 : 14 : 0 Received by me, *30/10/1926*
Travelling Expenses, if any £ 14 : 17 : 6
State whether the Vessel has been built under Special Survey *yes*

I am of opinion the Vessel should be Classed *100-A1 FOR TOWING PURPOSES.*

Signature

*St. Kendall**Surveyor to Lloyd's Register of Shipping.*

Certificate to be sent to *Dublin* Date of issue *22/11/26*

Committee's Minute

TUES. 9 NOV 1926

Character assigned

See 46044

The Surveyors are requested not to write on or below the Committee's Minute.



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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.)

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

1st Bower ^{e. m. lbr} 4-0-22. M.B. 2730 24th April 1926
2nd " 4-0-24 M.B. 2731 27th April 1926.
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle — 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) 1. DK. (STL). T.S. (Leak sheathed)

Official No. — ; Signal Letters — Is bottom of Vessel coated with cement yes if not
particulars of composition also coated with Bitumastic Enamel. in open bilges, cement in double bottom & fore

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		8.5
Double bottom, under Engines and Boilers,			After peak tank,		2.5
Double bottom, if under Engines only, FRESH WATER	14'-4"	16	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, FRESH WATER	16'-3"	8	Other tanks, if fitted,		
Total capacity of double bottom		24	(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 11th March 1926

Dates of Surveys held while building

1925:- December 12th.
1926:- Jan 1. 12. 20. 25 & 30th. Feb:- 1. 4. 9. 19. 23 & 26th. March 1. 4. 8. 9. 22. 24. 29th. April 7.
14. 21. 22. 27 & 28th. May 10. 13. 17. 19. 20. 21. 26. 29th. June 1. 4. 7. 10. 12. 15. 17. 19. 21.
29th July:- 5. 7. 9. 10. 12. 15. 17. 20. 22. 23. 27. 28th. August:- 5th. 6. 9. 11. 16. 19. 26th.

Total No. of Visits