

20 JUN 1946

IN D.O.

Received at London Office..... 5 JUN 1949

No. 772

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 1st June 1949 Port of DUNDEE No. 9692

Survey held at DUNDEE Date First Survey 10th May 1948 Last Survey 27th May 1949

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) single screw steamer "WOODLAND" machinery midships.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling* State Type of Erections & Installations *Cast in place*

TONNAGE under } 2161.56
Tonnage Deck ...

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

Total.....

Gross Tonnage 2758.62

Register Tonnage 1402.10

REGISTERED DIMENSIONS.

FEET

307.5

46.25

20.45

CLASS * 100 A1. State if ~~with~~ freeboard } no
as condition of Class }

Length from fore part of stem to after part of stern } L 300.0
post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded) B 46.0

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) } D 23-24

1st Longitudinal Number (L x D).....= 6973

2nd Numeral $L \times (B + D)$ = 20775

Framing Depth "d," at middle of length. See } 19.9
Sec. 3 (1d).....

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 9.6

Do. Long Bridge to }
top of keel }

Draught Moulded 19'-9 3/4"

Draught moulding

Result at **DUNDEE.**

Launched 15th December 1948 Yard No. 468

Buildings Caledon S. B. & E. Co. Ltd

Curtil line ltd

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

Trinity Cottage, Goldenacre
with Eximburg 5.

Residence Keith, Edinbrough

Port of Registry Leith

If surveyed while building, afloat, or in dry dock

building, afloat and dry dock

date of undocking - 14th april 194

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	24	✓		Bracket Floors, Frame	6	3	.36 <i>approved</i>
" " from $\frac{1}{2}$ length amidships to Collision bulkhead.....	24	✓		" " Reversed Frame.....	6	3	.34
" " in peaks	24	✓		" " Vertical Struts	8	3	.38
SIDE FRAMING.				Centre Girder, depth and thickness amidships	42	-	.44
Frame Amidships, Angle, E or C	9	3	.45 <i>and as approved.</i>	" " top Angles	3	3	.38
" " Extends up to.....			<i>upper deck.</i>	" " bottom Angles.....	3½	3½	.44
Reversed Frame Amidships, Angle	-			Side Girders, No. each side and thickness	one	-	.32
" " Extends up to	-			Margin Plate depth (excl. of flange) and thickness	30	-	.40
Depth of Framing Girder.....	9	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem FRAME 119	3	3	.34
Frames in BRIDGE Uppermost Continuous 'tween Decks, Angle, E or C	9	3	.45 <i>on alternate</i>	" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area FR 119			<i>Tank Top level to ship's side welded bulk plate to T.T. and frame 10 x .40. 24" deep. continuous welded to margin 3-3/4 to bulk.</i>
" " Second 'tween Decks, Angle, C or C	-			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem FR 119			<i>12 x 34</i>
" " Third	-			" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area FR 120-140			<i>Tank Top level - no gussets.</i>
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	10	3½	.46	Tank Side Brackets, height above base line at toe of Frame and thickness	60		.37
" " in Peaks, Angle or C	7	3	.33	INNER BOTTOM PLATING.			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4	-	5/4	Breadth and thickness of Middle Line Strake...	72		.44 <i>40 in way oil bulk.</i>
State if Frame Joggled.....	YES	✓		Thickness of remainder in Holds	40	.34	<i>do.</i>
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓		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.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	YES.	✓		BEAMS.			
SINGLE BOTTOM.				Uppermost Continuous Deck, amidships in Wells, Angle, E or C	6	3½	.28
Floors, Depth and thickness at mid-line in Holds.....				" " in way of Bridge, Angle, E or C	6	3½	.28 <i>and as approved</i>
Height of Brackets at side above base line at toe of frame.....				Spacing	24		
Middle Line Keelson, on Floors, Angles, C or C				Second Deck, amidships, Angle, C or C			
" " Through Plate or Inter-costal Plate				Spacing			
" " Foundation Plate on Floors				Third Deck, amidships, Angle, C or C			
" " Flat Plate Keel Angles				Spacing.....			
Side Keelsons, No. each side.....				Fourth Deck, amidships, Angle, C or C			
" " thickness of Intercoastal Plate...				Spacing.....			
" " Angles				Poop Deck, Angle, E or C	6	3	.28
DOUBLE BOTTOM.				Spacing.....	24		
Solid Floors, thickness and spacing	34	✓	<i>every 320 and as approved.</i>	Bridge Deck, Angle, E or C	6	3	.35
" " Are Frame and Reversed Frame joggled?	YES.	✓		Spacing.....	24		
Bracket Floors, breadth and thickness at middle line	27	-	.34	Forecastle Deck, Angle, E or C	6	3	.28
" " breadth and thickness at margin plate.....	27	-	.34	Spacing.....	24		

(MADE IN ENGLAND.)

011079-011088-0031 1/2

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			3150
" in 'tween Decks, Size and Spacing	-		Thickness of Plating abreast Deck openings in way of Wells			3148
" " " " " "	-		Thickness of Plating abreast Deck openings in way of Bridge.....			3052
" in Holds " " " " " "	as per approved plans. ✓		Thickness of Plating within line of openings...			2826
" " " " " "	-		If Sheathed, material and thickness.....			
Centre Line Bulkhead. Stiffeners and Spacing	-		Third Deck. Stringer Plate, breadth and thickness.....			6886
Plating, thickness of	-		If Plated, state thickness			1018
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	66 ✓ 66 ✓		Fourth Deck. Stringer Plate, breadth and thickness.....			
" " " " in way of Bridge	66 ✓ 34 ✓ 90 at break.		If Plated, state thickness.....			
" Angle in Wells	5 5 66 ✓		Poop Deck. Stringer Plate; breadth and thickness.....	30 ✓		Steering
Thickness of Plating abreast Deck openings } in way of Wells	58 ✓ to 40 ✓		Plating, Sheathing, material and thickness ...	30 - no sheathing ✓		Steering
Thickness of Plating abreast Deck openings } in way of Bridge.....	✓ 30 ✓ 36 forward 34 aft.		Bridge Deck. Stringer Plate, breadth and thickness.....	50 ✓ 34 ✓ 35 ✓		Ceiling
Thickness of Plating within line of openings...			Plating, Sheathing, material and thickness ...	30 - 25 O.P. ✓	sheathing fast only ✓	Cargo
If Sheathed, material and thickness.....	-		Forecastle Deck. Stringer Plate, breadth and thickness.....	32 ✓		Size of
Second Deck. Stringer Plate, breadth and thickness in Wells	-		Plating, Sheathing, material and thickness...	32 - no sheathing ✓		Number

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.....	45½	.62	.57	.57		Double ✓	¾	3	Double ✓	7/8	3½	strapped	
„ Dblg. (if any)	—					—							
Bottom Plating, No. of Strakes <u>THREE</u>	78 7/8	.49	.48	.42	54 on 3 strakes forward.	Double ✓	¾	3	Double ✓	¾	3	lapped.	
Bilge Plating, No. of Strakes <u>ONE</u>	72 7/8	.49	.45	.46		Double ✓	¾	3	Double ✓	¾	3	lapped.	
Side Plating, No. of Strakes <u>TWO</u>	78 7/8	.49	.48	.40		Double ✓	¾	3	Double ✓	¾	3	lapped.	
Upper Deck, Sheer- strake in Wells.....	81	.69	.40	.40	92 at break - meeting to mid. rlgts.	Double ✓	¾	3	Double ✓	7/8	3½	lapped.	
Upper Deck, Sheer- strake in Bridge ...	81	.49	—	—		Double ✓	¾	3	Double ✓	¾	3	lapped.	
Strake below Sheer- strake in Wells.....	Combined with sheerstrake.					—			—				
Strake below Sheer- strake in Bridge ...	Combined with sheerstrake					—			—				
Poop Side Plating.....				.40		Single ✓	¾	3	single ✓	¾	3	lapped.	
Bridge Side Plating.....		.47				Double ✓	¾	3	Double ✓	¾	3	lapped.	
Forecastle Side Plating			.37			single ✓	¾	3	single ✓	¾	3	lapped.	

WATERTIGHT BULKHEADS.

FORGINGS AND CASTINGS.

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

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	—				
" " Second "	—				
" " Third "	—				
" " Holds (fr. 85)	36/26	7x3x.425	29		
	40/26	8x3x.465	22	—	—
COLLISION " (in Hold)	40/26	5x3x.34 ^a	24 tol welded.		
AFTER PEAK "	40/30	4x3x.34 ^a	24 tol welded.		
		3x3x.35			

	Cast or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Ber	flat plate	m.s.	62/57	—
STEM	rolled bar	8x2 1/4	rounded plates upper portion 50/46.	
STERN FRAME	Propeller Post	m.s. plates fabricated by Electro-metalling by Cons. Co. Scotland		
	Rudder			
Speed of Vessel		12 knots		
RUDDER—Type		ordinary stream lined.		
" A x D.		234		
" Diam. of head		7 3/4		
" Mainpiece at top pintle		as per appd plans by West		
" " heel		Whithian Steel Co. Ltd.		
" how constructed		lined m.s. plates angles		
" double or single plate		Double by Caledon S.S. & E.A. Ltd.		
" coupling, vertical or horizontal		Vertical		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	W. & A. Leith Ltd. — Dorman Long & Co. Ltd. — Consell Iron Co. Ltd.
	Steel Co. of Scotland Ltd. open hearth process.
	Has the Steel been tested as required by the Rules? Yes.

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 enclosed:-

Profile and Decks "as fitted"
Midship section - "as fitted"

Certificates enclosed:-

no. 17631 - Stern frame - issued at Glasgow 15-9-48.
no. 17616 - Rudder arms - " " 11-11-48
no. F 2635 - Diller crosshead - " " Leith 5-8-48
no 1930 - Rudder Head - " " Sunderland 30-9-48.
no 17857 - Quadrant - " " Glasgow 22-11-48

PARTICULARS OF ELECTRIC WELDING (if employed) stern frame (fabricated) - seams of W.T. Bulkheads -
bottom bnts to blds at T.Top - Stiffeners of fore and aft peak bulkheads and O.F. Tanks. -
shell chocks in way of O.B. Tank and on upper deck in way of Bridge - continuous gussets at Tank margin -

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book fitted for oil flash point above 150°F.
Lloyds A & C.P., Cruisers stern, Direction finding apparatus, echo sounding, flat keel,
5 bulkheads, cement, Wireless.

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

1st Bower... 24-1-26 - J.H.J - 10001 - 6-8-48.
2nd " 24-1-26 - J.H.J - 9768 - 14-4-48.
3rd " 21-0-20 - J.M.T - 9911 - 7-7-48.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 16.62 ft., R.Q.D. — ft., Bridge 82 ft., Forecastle 33.62 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 182692 Signal Letters MTCT Extreme Breadth over Belting — Over-all Length 320.16
(Circ. 1611) (Circ. 1703)

No. and Material of Decks one - steel.

Parts of Bottom of Vessel coated with cement or approved composition Cement in Tanks clear of oil fuel
Base in way of oil fuel.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft,	54	183	Fore peak tank,	24	91
Double bottom, under Engines and Boilers,	40	85	After peak tank,	14	88
Double bottom, if under Engines only,	—	—	Deep tanks, aft, 2 tanks way of tunnel	44	177
Double bottom, if under Boilers only,	52	125	Deep tank, forward, (no 1)	52	125
Double bottom, forward,	60	221	Other tanks, if fitted,	—	—
Total length (if continuous) and Capacity	154	489	(If necessary furnish further information by sketch.)	—	—
	306	614			

Order for Special Survey No.
1032

Date 29th Sept 1947.

Dates of Surveys
held while building

1948. May 10. 14. 18. 26 - June 4. 10. 17. 23 - JULY 7. 12. 16. 21. - AUG. 5. 17. 19. 24. 27 -
SEPT. 2. 10. 14. 16. 21. 28. - OCT. 1. 8. 18. 25 - NOV. 8. 12. 17. 19. 23. 24. 25. 26. 29. 30 -
DEC. 1. 2. 3. 6. 7. 9. 10. 14. 15. 22. 28.
1949 JAN. 6. 10. 17. 21. 28. FEB. 1. 3. 11. 16. 22. 28 - MAR. 2. 9. 11. 15. 22. 24.
APRIL. 4. 19. 22 - MAY 25. 16. 26. 27.

Total No. of Visits 73