

STEEL STEAMER or MOTORSHIP.

10 JUN 6

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 *1st June 36*Port of *Glasgow (Dundee)* No. *57101*Survey held at *Dundee*Date First Survey *26th Nov 35*Last Survey *25th May*

1936.

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

*Steel Single Screw M/V. "PLOVER"**Machinery aft.*

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

*Full Scantling*State Type of Erections *Prop. Forecastle.*

TONNAGE under Tonnage Deck...

*556.62*CLASS *T-100 A1*

State if with freeboard as condition of Class

NO.

Built at *Dundee*

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) *L 160.00*Breadth (greatest moulded) *B 26.50*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 11.00*1st Longitudinal Number (L x D) *= 1760*2nd Numeral L x (B + D) *= 6000*Framing Depth "d," at middle of length. See Sec. 3 (1d) *See plan 9.66' 2nd bottom 8.64' Motor Room 9.0'*Proportions—Depth to Length—Uppermost continuous deck to top of keel *14.54*
Do. Long Bridge to top of keelDraught Moulded *10.3 3/4*Launched *6th April 1936* Yard No. *356*Builders *The Balson & B. & Co. Ltd.*Owners *General Steam Navigation Co. Ltd.*

Managers

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

Residence *London*Port of Registry *London*

If surveyed while building, afloat, or in dry dock

Building afloat and in dry dock.

REGISTERED DIMENSIONS.

FEET.

Length *163.40'*Breadth *26.75'*Depth *9.55'*

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	<i>21"</i>		Bracket Floors, Frame	<i>✓</i>	
" " from $\frac{3}{4}$ length to Collision bulkhead.....	<i>18"</i>	<i>See plan</i>	" " Reversed Frame	<i>✓</i>	
" " in peaks.....	<i>21"</i>		" " Vertical Struts	<i>✓</i>	
<i>as per approved profile & deck plans.</i>	<i>18"</i>		Centre Girder, depth and thickness amidships	<i>28" x 35"</i>	
DE FRAMING.			" " in way of N ^o 1. hold. <i>single</i>	<i>2 1/2" x 31"</i>	
Frame Amidships, Angle, <i>E</i> or <i>F</i>	<i>5" 3" 30"</i>		" " top Angles <i>double forward of 1/2 L.</i>	<i>3" 3" 35"</i>	<i>single approved</i>
" " Extends up to	<i>upper deck.</i>		" " bottom Angles <i>double</i>	<i>3" 3" 35"</i>	<i>single approved</i>
Reversed Frame Amidships, Angle	<i>✓</i>		Side Girders, No. each side and thickness	<i>One 26"</i>	
" " Extends up to...	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness	<i>20" 30"</i>	
Depth of Framing Girder	<i>5"</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	<i>3" 3" 27"</i>	<i>2 1/2" x 2 1/2" x 27"</i>
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem <i>4.6" x 6" x 38.7. bars in way of level tank forward 3/8 L.</i>	<i>3" 3" 27"</i>	<i>" " "</i>
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>✓</i>		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	<i>2 1/2" 2 1/2" 28"</i>	<i>every 2nd frame and at half into</i>
" " Third " " " " " "	<i>✓</i>		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem.....	<i>2 1/2" 2 1/2" 28"</i>	<i>Case of level tank 1-2 plates 9 inches apart</i>
Framing in Peaks, Angle <i>E</i> or <i>F</i>	<i>4" 2 1/2" 29"</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>36" 28"</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>5/8" R₃ & 1/2" apart</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>yes</i>		Breadth and thickness of Middle Line Strake	<i>38 1/2" 30"</i>	
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Frames classed up to 18" and one old strake as per approved profile & deck plans.</i>		Thickness of remainder in Holds	<i>30" 28" approved 28"</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>As per approved plan of strengthening of bottom forward.</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?	<i>yes</i>	
DOUBLE BOTTOM.			BEAMS.		
Uppermost Continuous Deck, amidships	<i>15" x 30"</i>		Uppermost Continuous Deck, amidships	<i>3" 2 1/2" 30"</i>	
Holds	<i>Riser 2" at sides</i>		" " in Well, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
Height of Brackets at side above base line at toe of frame	<i>30"</i>	<i>app. 26"</i>	" " in way of Bridge, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>	<i>4" 3" 29"</i>		Spacing	<i>on every frame</i>	
" " Through Plate or Intercoastal Plate	<i>18 1/8" x 35-31"</i>		Second Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
" " Foundation Plates on Floors	<i>12" x 35-31"</i>		Spacing	<i>✓</i>	
" " Flat Plate Keel Angles	<i>3 1/2" 3 1/2" 37"</i>		Third Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
Side Keelsons, No. each side	<i>One</i>		Spacing	<i>✓</i>	
" " thickness of Intercoastal Plate	<i>29"</i>		Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
" " Angles	<i>double 4" 3" 31-28"</i>		Spacing	<i>✓</i>	
DOUBLE BOTTOM. in way of N^o 1. hold.			Poop Deck, Angle, <i>E</i> or <i>F</i>	<i>5" 2 1/2" 26"</i>	<i>Approved 5" x 2 1/2" x 30 OA</i>
Solid Floors, thickness and spacing	<i>26" on every frame.</i>		Spacing	<i>alternat</i>	
" " Are Frame and Reversed Frame joggled?	<i>yes</i>		Bridge Deck, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
Bracket Floors, breadth and thickness at middle line	<i>✓</i>		Spacing	<i>✓</i>	
" " breadth and thickness at margin plate	<i>✓</i>		Forecastle Deck, Angle, <i>E</i> or <i>F</i>	<i>4" 2 1/2" 30"</i>	<i>Approved 3" x 2 1/2" x 30 OA</i>
			Spacing	<i>on every frame</i>	
			<i>This beams forward on alternat frames.</i>		

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 <i>One Widely spaced</i>			Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing	<i>as per</i>		Thickness of Plating abreast Deck openings in way of Wells	✓	
„ „ „ „ „	<i>approved</i>		Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds	<i>pillar girders</i>	✓	Thickness of Plating within line of openings	✓	
„ „ „ „ „	<i>plan</i>		If Sheathed, material and thickness	✓	
At Centre Line Bulkhead, frames 53-60	<i>as per</i>		Third Deck.		
Stiffeners and Spacing	<i>approved</i>		Stringer Plate, breadth and thickness	✓	
Plating, thickness of	<i>Plan</i>		If Plated, state thickness	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness	✓	
Stringer Plate, breadth and thickness in Wells	<i>62 1/2</i>	<i>37</i>	If Plated, state thickness	✓	
„ „ „ „ in way of Bridge	<i>between lat'd side and shell</i>	<i>50</i>	Poop Deck.		
„ Angle in Wells	<i>3 1/2</i>	<i>3 1/2</i>	Stringer Plate, breadth and thickness	<i>55 1/2</i>	<i>32-24</i>
Thickness of Plating abreast Deck openings in way of Wells	✓		Plating, Sheathing, material and thickness	<i>24</i>	<i>Sheathed with 2 1/2" Oregon pine</i>
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings	<i>29</i>		Stringer Plate, breadth and thickness	✓	
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	✓		Stringer Plate, breadth and thickness	<i>77</i>	<i>34-32</i>
			Plating, Sheathing, material and thickness	<i>34</i>	<i>29</i>

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.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.					Diam.	Spacing or to cr.
	Inches.	Inches.	Inches.	Inches.				Inches.	Inches.		Inches.	Inches.
FLAT PLATE KEEL	<i>38</i>	<i>43</i>	<i>41</i>	<i>39</i>		<i>Double</i>	<i>5/8</i>	<i>2 5/8</i>	<i>treble</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Overlapped.</i>
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes	<i>A</i>	<i>38</i>	<i>34</i>	<i>36</i>	<i>.33 + .05 Corners</i>	<i>Double.</i>	<i>5/8</i>	<i>2 5/8</i>	<i>Double</i>	<i>5/8</i>	<i>2 1/2</i>	<i>Overlapped</i>
BILGE PLATING, No. of Strakes	<i>B</i>	<i>38</i>	<i>36</i>	<i>30</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
SIDE PLATING, No. of Strakes	<i>C</i>	<i>38</i>	<i>29</i>	<i>29</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
UPPER DECK, Sheer-strake in Wells	<i>D</i>	<i>34</i>	<i>29</i>	<i>29</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
UPPER DECK, Sheer-strake in Bridge	<i>E</i>	<i>56</i>	<i>50</i>	<i>29</i>	<i>54 x 50</i>	<i>"</i>	<i>3/4</i>	<i>3</i>	<i>treble</i>	<i>3/4</i>	<i>2 5/8</i>	<i>"</i>
STRAKE BELOW Sheer-strake in Wells												
STRAKE BELOW Sheer-strake in Bridge												
POOP SIDE PLATING	<i>F</i>	-	<i>34</i>	<i>34</i>		<i>double fore & aft.</i>	<i>3/4</i>	<i>3</i>	<i>double fore & aft.</i>	<i>5/8</i>	<i>2 1/2</i>	<i>overlapped.</i>
BRIDGE SIDE PLATING	<i>G</i>	-	<i>34</i>	<i>24</i>		<i>Single aft.</i>	<i>5/8</i>	<i>2 5/8</i>	<i>Single aft.</i>	<i>5/8</i>	<i>2 1/2</i>	<i>"</i>
FORECASTLE SIDE PLATING	<i>F</i>	-	<i>24</i>	<i>34</i>	<i>29 in way of fore peak bulk.</i>	<i>double aft to</i>	<i>3/4</i>	<i>3</i>	<i>double aft to</i>	<i>5/8</i>	<i>2 1/2</i>	<i>overlapped.</i>
	<i>G</i>	-	<i>24</i>	<i>34</i>		<i>Single fore.</i>	<i>5/8</i>	<i>2 5/8</i>	<i>Single fore.</i>	<i>5/8</i>	<i>2 1/2</i>	<i>"</i>

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		Three			
Extending to Upper Deck (Sec. 3 c)		Three			
" Deck next below		✓			
As per Rule		approved three.			
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
" " Second "					
" " Third "					
" " Hold N ^o 27	32'-30"	{ 5' 2 1/2" x 30 B.A. } 23 1/2"			
		{ 7' 0" x 26 B.A. } 27"			
		{ 5' 2 1/2" x 26 B.A. } 24"			
COLLISION " (in Hold) N ^o 84	35'-30"	{ 5' 2 1/2" x 26 B.A. } 24"			
		{ 1 W.P.G. 5 1/2" x 6 1/2" x 26 B.A. } 24"			
AFTER PEAK " " N ^o 5	50'-30"	{ 5' 3" x 30 O.A. } 24"			
		{ 26" W.P. at C. line } 24"			
				Semi box beam in line with side stringer	
				5' 3" x 30 O.A. at top of 50 plate	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar flat plate keel				
STEM	<i>rolled bar</i>	<i>6 1/2 x 1 1/8</i>		
STERN FRAME	Propeller Post	<i>casting</i>	<i>as per approved plan</i>	<i>by NEDERLANDSCHE STAALFABRIEKEN & UTRECHT.</i>
	Rudder	<i>casting</i>	<i>as per approved plan</i>	
Speed of Vessel	<i>11 knots</i>			
RUDDER—Type	<i>Semi balanced.</i>			
„ A x D	<i>31.5</i>			
„ Diam. of head	<i>Stock</i>	<i>3 1/2-5 1/2 dia. by</i>	<i>KON. NEDERLANDSCHE STAALFABRIEKEN & UTRECHT.</i>	
„ FRAME	<i>all as</i>			
„ Main piece at top pintle	<i>casting</i>	<i>as per approved plan</i>	<i>by NEDERLANDSCHE STAALFABRIEKEN & UTRECHT.</i>	
„ „ heel				
„ how constructed				
„ double or single plates	<i>5 rivets and 10 bolts on to G.S. Rudder frame.</i>			
„ coupling, vertical or horizontal	<i>fixed with 6 1 1/2 dia. fitted bolts.</i>			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Colvilles Ltd.*
The Steel Coy of Scotland Ltd. Dorman Long & Co. Ltd. Onnell Iron & Steel Co. Ltd. South Durham S. & S. Co. Ltd. Lanarkshire Steel Co. Ltd. Smith & Mather 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.)

See 96. Rpt No. 57006. M/V. "MALLARD" the sister vessel.

- List of approved plans, etc.
- Midship Section, (as built)
 - Amended Midship Section
 - Amended Profile & Deck plan
 - Strengthening of bottom forward
 - Rudder & stem frame.
 - Deck girders, Pillars, Hatches.
 - Aft end framing.
 - Oil fuel bunkers.
 - Main engine seating.
 - Exhaust ports and Pumping Plan.
 - Porging & casting reports.
 - Invoices.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Oil engine. Cruises steam.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower.	✓
	2nd "	✓
	3rd "	✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 47.25 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 63.25 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks One steel deck.
Official No. 164627; Signal Letters
Is bottom of vessel coated with cement yes. if not give particulars of composition

PARTICULARS OF WATER BALLAST.—					
Where Fitted.	*Length.	S.W. Water Capacity.	Where Fitted.	*Length.	S.W. Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	16.37'	35
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	8.33'	12
IN MOTOR ROOM	14.00'	15.60	Deep tank, aft, Oil fuel at aft end of hold below upper deck.	5.25'	14
Double bottom, if under Engines only, Oil fuel Tank	✓	✓	Deep tank, forward, over Oil fuel Tank above upper deck.	3.50'	7.5
Double bottom, if under Boilers only,	45.62'	47.00	Other tanks, if fitted, drain tank in motor room (P)	5.25'	1.0
Double bottom, forward,	Total capacity of double bottom	62.60	(If necessary, furnish further information by sketch.)		

Total length of D.B. tanks 59.62' * The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 6264

Date 26th Nov - 35.

Dates of Surveys held while building

1935. Nov. 26-29. Dec. 5-10-13-18-26-30.

1936. Jan. 7-9-14-15-22-28-29. Feb. 4-6-11-13-14-18-20-26-28.

Mar. 3-5-10-12-16-18-20-23-24-25-26-30-31. Apr. 2-3-4-6-10-14-17-23-30.

May 7-15-18-19-20-22-25.

Total No. of Visits 53.