

STEEL STEAMER or MOTORSHIP

11 DEC 1930

WRECK
SECTION

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.

WRECK
SECTIONDate of completion of report December 9th 1930

Port of Aberdeen.

No. 16387.

Survey held at Aberdeen.

Date First Survey November 11th 1929. Last Survey December 5th 1930.

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

Twin Screw. "Baldare".

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

Full Scantling.

State Type of Erections BOAT D^x FCL D^x

TONNAGE under Tonnage Deck

551.41.

CLASS * 100.A.1.

State if with freeboard (as condition of Class)

no.

Built at Aberdeen.

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

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 165.0.

Breadth (greatest moulded) B 36.5.

Total 551.41.

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 13.25.

Gross Tonnage 760.33.

1st Longitudinal Number (L x D) = 2186.25.

Register Tonnage 281.45.

2nd Numeral L x (B + D) = 8208.75.

Framing Depth "d," at middle of length. See Sec. 3 (1d) 10.83. BUNKERS. 9.60. HOLD. 9.42. E. SPACE. 12.50. B. SPACE. 12.45.

Proportions—Depth to Length—Uppermost continuous deck to top of keel Do. Long Bridge to top of keel

Draught Moulded 11.112

Launched July 10th 1930. Yard No. 109.

Builders John Lewis & Sons Ltd.

Owners Australian Steamships Proprietary Ltd.

Managers Howard Smith Ltd.

(Where necessary to be entered in Reg. Book)

Hembla Buildings.

Residence 58 Margaret St. Sydney. N.S.W.

Port of Registry Sydney. N.S.W.

If surveyed while building, afloat, or in dry dock

First Entry.

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 throughout.	22"		Bracket Floors, Frame		
" " from 3 length to Collision bulkhead			" " Reversed Frame		
" " in peaks	22"		" " Vertical Struts		
SIDE FRAMING.			{ Watertight Centre Girder, depth and thickness amidships	29" x 36" for 1/2 L. 30" in E.S. 30"	
Frame Amidships, Angle E or F	5" 3" 28"	Del. 5" x 3" x 28"	" " top Angles { Single 3" 3" 32" Double for 1/2 L. 3" 3" 32"		
" " in way of Bunkers 5" x 3" x 36" F.		in Boiler Space 5" x 3" x 34" F.	" " bottom Angles - do - 3" 3" 36"		
" " Extends up to Uppermost Deck.			Side Girders, No. each side and thickness	One 28" x 38" in Hold.	
" " in way of Deep Brackets	5" 3" 30"		Margin Plate depth (excl. of flange) and thickness	27" 6" 19" for 1/2 x 30"	
Reversed Frame Amidships, Angle E or F	5" 3" 28"	4" 3" 38" in Hold.	" " Vertical Angle to Tank side Bracket shaft 1/2 len. from stem inside	3" 3" 28"	
Pool Frames.			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem outside	3" 3" 30"	
Depth of Framing Girder	4" x 3" x 35" angles. 44" apart	Intermediate frames 25" x 25" x 26"	" " Gussos, spacing and scantling shaft 1/2 len. from stem margin angles	3" 3" 32"	
Can't Brackets = 4" x 3" x 30" angles, with Cast Steel Stem Piece in centre.			" " Gussos, spacing and scantling forward 1/2 len. from stem		
Frames in Uppermost Continuous Tween Decks, Angle E or F			Tank Side Brackets, height above base line at toe of Frame and thickness	6" 6" in hold x 30" 2" 10" in Bunkers x 30"	
" " Second Tween Decks, Angle E or F			INNER BOTTOM PLATING.		
" " Third " " " "			Breadth and thickness of Middle Line Strake	39" x 32" 1/2 30" 38" in hold.	
Framing in Peaks, Angle or F	5" x 3" x 28" after Peak 4" x 3" x 38" A.		Thickness of remainder in Holds	28" in hold 38" in E.S. 32"	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3" rivets 5" diam in Peaks + Bottom plating for 1/2 L. rem. 7 dia.		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. as approved.	
State if Frame Joggled	Yes.		BEAMS.		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Deep frames as per approved plans.		Uppermost Continuous Deck, amidships in Walls, Angle E or F	6" x 3" x 34" 1/2 6" 3" x 36" A. and as per Deck plan.	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	As per approved plans and Section 11 of the Rules.		" " Half Beams. in way of Hatch. Angle E or F in way of Hatch. Cladding 4" x 3" x 34" B.C. 3" x 3" x 29"		
SINGLE BOTTOM.			Spacing	on every frame.	
Floors, Depth and thickness at mid-line in Holds B.S.	18" x 58" with new bars 4" x 3" x 58"		Cross Tie beam in way Mach. Space	8" x 3" x 32" 1/2 50" double IF	
Height of Brackets at side above base line at toe of frame	Boiler Hold 75"		Second Deck amidships, Angle E or F	3" 3" 30" A.	
Middle Line Keelson, on Floors, Angle E or F	12" 3" 44"		Beams in way of Deep Brackets.	3" 3" 30" A.	
" " Through Plate on Intercoastal Plate	12" 3" 44"		Deep Brackets, spaced as per Profile	5" 3" 34"	
" " Vertical angles Foundation Plate on Floors + G. Girder	5" 5" 48" single		Third Deck amidships, Angle E or F	5" 3" 34"	
" " Flat Plate Keel Angles	3" 3" 40" double.		DEEP TANK TOP.		
Side Keelsons, No. each side	one.		Spacing	on every frame.	
" " thickness of Intercoastal Plate	40" (30-32) 50" (20-30)		N.Y. FLAT. (FOR?)		
" " Bulb Angles on top of floors	8" 3" 50" Legs 3" x 3" x 30"		Fourth Deck amidships, Angle E or F	12" 3" 28"	
DOUBLE BOTTOM.			Spacing	on every frame.	
Solid Floors, thickness and (spacing 22")	28" W.T. floors 38" in hold + in Eng. Space 38"		Poop Deck, Angle E or F	5" 3" 46" B.S. 4" x 3" x 30" E.S. 5" x 3" x 34"	
" " Are Frame and Reversed Frame joggled?	Yes.		Can't Beams	4" 3" 30" A.	
Frames on 3rd Deck	3" 3" 28"		Spacing	on alternate frames + as approved	
Bracket Floors, breadth and thickness at middle line	Double forward 1/2 L.		PANTING BEAMS. (FOR?)		
" " breadth and thickness at margin plate			Bridge Deck, Angle E or F	5" 3" 32"	
			Spacing	on alternate frames	
			Forecastle Deck, Angle E or F	5" 3" x 50" 1/2 6" 4" x 3" x 38" A. + as per Profile	
			Spacing	on 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.....	as per Profile		Stringer Plate, breadth and thickness in way of Bridge	✓	✓
<i>Self</i>			Thickness of Plating abreast Deck openings in way of Wells	✓	✓
in 'tween Decks, Size and Spacing.....	2 1/2" on each beam.		Thickness of Plating abreast Deck openings in way of Bridge	✓	✓
in Machinery Space.....	As diam. 2 on strong beam and 2 on aft end Eng. casing.		Thickness of Plating within line of openings.....	✓	✓
in Holds	✓	✓	If Sheathed, material and thickness	✓	✓
"	✓	✓	Third Deck.		
"	✓	✓	Stringer Plate, breadth and thickness.....	✓	✓
"	✓	✓	If Plated, state thickness.....	✓	✓
Centre Line Bulkhead, in Deep Tank 72-79.			Fourth Deck. Parling Stringer (Dort.)		
Stiffeners and Spacing.....	Angles 5 1/2" 3" 3 1/2" on alt. beams.		Stringer Plate, breadth and thickness.....	2 1/2" x 3 1/2"	
Plating, thickness of	30"		If Plated, state thickness	✓	✓
STRINGERS AND DECKS.			Poop Deck. on Boat Deck		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness	3" 3" 26"	
Stringer Plate, breadth and thickness in Wells.....	66 x 45 for 2 L. 6 3/4 ends 57 in way Boiler Casing.		Plating, Sheathing, material and thickness ...	31" x 26" with 5" x 2 1/2" P. Pine.	
"	✓	✓	Bridge Deck. W.T. Seal		
"	✓	✓	Stringer Plate, breadth and thickness.....	3" 30" 30"	
Angle in Wells	3 1/2" x 3 1/2" x 46 (5 1/2" x 3" x 31"		Plating, Sheathing, material and thickness ...	30"	
Thickness of Plating abreast Deck openings in way of Wells.....	35" (6-31"		Forecastle Deck.		
Thickness of Plating abreast Deck openings in way of Bridge.....	3 1/2" and as approved.		Stringer Plate, breadth and thickness.....	3" 31" 26"	
Thickness of Plating in way of Galley.....	50"		Plating, Sheathing, material and thickness ...	31" with 5" x 2 1/2" Pile Pine 50 in way Crane.	
If Sheathed, material and thickness	✓	✓			
Second Deck.					
Stringer Plate, breadth and thickness in Wells.....	✓	✓			

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	UPPER EDGES. State if jogged? <i>no.</i>			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		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	<i>38 1/2</i>	<i>45 1/2 L.</i>	<i>41</i>	<i>41</i>		<i>1 1/2 Double</i>	<i>3 1/4</i>	<i>3 1/4</i>	<i>3 R. 1/2 L. 6 2 R.</i>	<i>3 1/4</i>	<i>2 5/8</i>	<i>Lapped.</i>	
„ Delta (if any)	<i>A 61</i>	<i>40</i>	<i>31</i>	<i>31 1/4 35</i>		<i>1 1/2 Double.</i>	<i>3 1/4</i>	<i>3 1/4</i>	<i>2 R.</i>	<i>3 1/4</i>	<i>2 5/8</i>	<i>Lapped.</i>	
BOTTOM PLATING, No. of Strakes <i>Steel</i>	<i>B 61 1/2</i>	<i>„</i>	<i>„</i>	<i>31 1/4 35</i>	<i>Bossing plates 35.</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	
BILGE PLATING, No. of Strakes <i>Steel</i>	<i>D 57</i>	<i>35</i>	<i>„</i>	<i>31</i>		<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	
SIDE PLATING, No. of Strakes <i>Steel</i>	<i>E 56</i>	<i>„</i>	<i>„</i>	<i>„</i>		<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	
UPPER DECK, Sheer- strake in Wells.....	<i>G 44</i>	<i>45</i>	<i>„</i>	<i>„</i>		<i>2 1/2 Single.</i>	<i>„</i>	<i>„</i>	<i>3 R. 1/2 L. 6 2 R.</i>	<i>„</i>	<i>„</i>	<i>„</i>	
UPPER DECK, Sheer- strake in Bridge...													
STRAKE BELOW Sheer- strake in Wells.....	<i>F 44</i>	<i>43</i>	<i>„</i>	<i>„</i>		<i>1 1/2 Double</i>	<i>„</i>	<i>„</i>	<i>3 R. 1/2 L. 6 2 R.</i>	<i>„</i>	<i>„</i>	<i>„</i>	
STRAKE BELOW Sheer- strake in Bridge...													
POOP SIDE PLATING				<i>26</i>		<i>2 1/2 Single</i>	<i>5/8</i>	<i>2 1/2</i>	<i>1 R.</i>	<i>5/8</i>	<i>2 1/2</i>	<i>„</i>	
BULWARKS. BRIDGE SIDE PLATING ...	<i>42</i>	<i>35</i>							<i>1 R.</i>	<i>3/4</i>	<i>3 1/2</i>	<i>„</i>	
FORECASTLE SIDE PLATING				<i>26</i>		<i>2 1/2 Single</i>	<i>5/8</i>	<i>2 1/2</i>	<i>1 R.</i>	<i>5/8</i>	<i>2 1/2</i>	<i>„</i>	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c)		Four.				
,, Deck next below		✓				
As per Rule & as approved.		Four.				
	Plating Thickness.	STIFFENERS.				
		VERTICAL.		HORIZONTAL.		
		Scantlings.	Spacing.	Scantlings.	Spacing.	
		N ^o . 0. 28. 30. 32	4 1/2" x 3" x 30 A.	18"	✓	✓
		92 28	6" x 3" x 36	32"	✓	✓
MIDSHIP BULKHD , Upper 'tween decks		30. 39	[as app ^d]		✓	✓
NON. W.T.	Second	40 30. 39	6" x 3" x 30	"	✓	✓
"	Third	83 30. 36	5 1/2" x 3" x 30 A } 7 1/2" x 3" x 40 }	2 1/2"	✓	✓
"	Holds	72 30. 32	5" x 3" x 28	2 1/2"	W.T. Seal	✓
COLLISION	(in Hold)	70 30. 26	5" x 3" x 28	2 1/2"	W.T. Seal	✓
		5 30	6" x 3" x 42	"	✓	✓
AFTER PEAK		6 30. 40	6" x 3" x 30	"	✓	✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	✓	✓	✓
STEM	Rolled Steel	6" x 1 1/2"	D. Colville	6" x 1 1/2"
Spectacle Shaft Bracket	Steel	as	Steel Co. of Scotland	
STERN FRAME { Propeller Post	Casting app			
Rudder	Forged	6" x 2"	T.D. Boulton & Sons Ltd. Sunderland.	
RUDDER—A x D		116 x 45.		
Speed of Vessel		Seven Knots.		
RUDDER mainpiece at head	Forged	5 1/2"	T.S. Boulton & Sons Ltd.	
" heel		4 1/2"		
" how constructed	Arms shrunk on & keyed to main piece.			
" double or single plate	Single.	70"		
" coupling, vertical or horizontal	Upper: Vert. Lower: hor. See Plan.			

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)				
	The Steel Co. of Scotland Ltd.	Dorman Long & Co. Ltd.	Cargo Steel Iron Co. Ltd.	Pease & Partners Ltd.	Siemens Martin.
	The Consett Iron Co. Ltd.	The Scottish Iron & Steel Co. Ltd.	D. Colville & Sons Ltd.		
	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.)

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

1st Bower	9.1.16.	M. Berg.	Düsseldorf.	7246.	27.11.29.
2nd "	9.1.14.	"	"	7078.	25.10.29.
3rd "	8.3.19.	"	"	7076.	35.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of ^{BOAT Dⁿ} ~~Keel~~ 62' 0" ft., ~~R.D.~~ ☒ ~~Forecastle~~ ☒ ~~Forecastle~~ 32' 27" ft.
(in feet and tenths). ~~When the Keel is joined to the R.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 Deck (Steel.)

Official No. ^{Jobe cut in al} Sydney N.S.W.; Signal Letters L. G. K. H. Is bottom of Vessel coated with cement Yes ☒ if not give

particulars of composition in fore & after Peaks, D. B. Tank and Bilges: { Tank Top in Cargo & Bunker Spaces, Floors and lip framing in Bunker Space covered with Bitumastic.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	✓	✓	Fore peak tanks (79-83 = 7' 4" = 27 TONS) (83-STEM = 11' 8" = 17 TONS)	19' 0."	44.		
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	11' 0."	48.		
Double bottom, if under Engines only,	7' 4"	14.	Deep tank, aft,	✓	✓		
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	72' 79"	65.		
Double bottom, forward, N° 1. 44' 0" = 68 TONS. N° 2. 42' 2" = 84.	86' 2"	152.	Other tanks, if fitted,	✓	✓		
Total capacity of double bottom		166.	(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. 1774.

Date 8. 11. 29.

Dates of Surveys held while building

1929: Nov. 11. Dec. 20-27. 31. 1930: Jan. 7. 16. 23. 28. Feb. 6. 13. 14. 17. 19. 25. March. 4. 11. 13. 14. 21. 24. April. 4. 7. 10. 14. 15. 17. 22. 25. 28. May. 2. 15. 21. 27. 29. June. 4. 10. 11. 12. 13. 14. 16. 20. 23. 26. July. 1. 3. 10. 11. 14. 16. 23. 30. Aug. 4. 7. 15. 18. 25. 26. Sept. 3. 6. 8. 9. 10. 11. 17. 19. 24. 29. 30. Oct. 1. 2. 6. 10. Nov. 17. 19. 24. 25. Dec. 5.

Total No. of Visits 78.