With ~~or Without~~
Disconnected Erections.

STEEL STEAMER.

Received at London Office 19 SEP 1924

State if Report is also sent on the Machinery of the Vessel Yes.

Date of completion of report 8-9-24. Port of LEITH. No. 16,575.
Survey held at BURNTISLAND. Date, First Survey 7-3-24. Last Survey 27-8-1924.
On the (State if Single, Twin, or Triple Screw) SINGLE Sc. SR. "PENTRAETH." Rig Ftd. Schooner.

TONNAGE under Tonnage Deck	2256·08
Do. between Tonnage Dk. and 3rd and 4th Dk.	✓
Total under Upper Dk.	2256·08
Do. of Poop	49·16
Do. of R.Q.Dk.	✓
Do. of Bridge House	8·95
Do. of Forecastle	4·40
Do. of Houses on Dk.	73·16
Do. of excess of Hatchways	53·43
Do. above Crown of Engine Room	30·09
Gross Tonnage	2475·27
~~Less~~ Crew Space	98·34
~~Less~~ above Crown of Engine Room	30·09
TONNAGE FOR FEES.	GROSS. 2475·27
Less Engine Room	792·09
Less Navigation Spaces	91·38
Register Tonnage as cut on Beam	1493·46

CLASS +100 A1.

	FEET.
Breadth (greatest moulded)	43·75 ✓
Depth, at middle of length from top of keel to top of upper deck beams at side	23·50 ✓
~~Transverse~~ Number 1st. Long.L	6980 ✓
Length ~~moulded~~ from fore part of stem to after part of stern post AT LWL.	297·00 ✓
Longitudinal Number 2ND	19975 ✓
Depth "d," at middle of length (See Secs. 2 & 13)	19·96 ✓
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	12·64 ✓
" " Long Bridge Deck Beam at side to top of keel	9·686 ✓

Master ✓
Year of appointment (1) As Master in service of owner of present vessel:—19 ✓ (2) As Master of this vessel 19 ✓
Built at BURNTISLAND.
When built 1924-8 Mo. Launched 5-7-24.
By whom built THE BURNTISLAND S.B.Co.Ld.
Owners THE PENTWYN SS. Co.Ld.
Managers ✓ (Lambert, Barnett & Co. Ltd.) (Where necessary to be entered in Reg. Book.)
Residence BALTIC HOUSE, CARDIFF.
Port belonging to LONDON.

✓ Destined Voyage Venice. ✓ If Surveyed while Building, Afloat, ~~or in Dry Dock~~ Yes. ✓

LENGTH ~~on Deck~~ as per Rule	Feet. 297	Inches. 0 ✓	BREADTH—Moulded	Feet. 43	Inches. 9 ✓	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams / Do. do. ~~do. do. Second Dk. Beams~~	Feet. 21	Inches. 4½ ✓	No. of Decks with flat laid: One. / No. of Tiers of Beams ✓

Dimensions of Ship per Register, Length 298·50 ✓ breadth 44·05 ✓ depth 21·20 ✓ Moulded depth, ft. 30 ins. 8 ✓ To Bridge Dk. / Moulded depth, ft. 23 ins. 6 ✓ To Upper Dk. Round of Upper Dk. Beam, Actual 10½ ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	Inches per Rule Approved.
FRAME, ~~Angles, or E or~~ [Bars amidships B. Ang.	10½×3½	·51	B. ·54	✓ 10½×3½	·51	B. ·54
Do. in peaks	6	3	·43	✓ 6	3	·43
Do. in way of Double Bottoms at Solid Floors	3½	3	·34	✓ 3½	3	·34
" " at intermdt. Bkts.		✓		✓	✓	
Spacing of Frames from centre to centre amidships		31½"		✓	31½"	
" " " " from ⅜ length to Collision bulkhead		27"		✓	27"	
" " " " in peaks		24"		✓	24"	
REVERSED FRAME, Angles		B. Ang. Frs.		✓	B. A. Frs.	
Do. in way of Double Bottoms at Solid Floors	E. 3½×3×·34	BB. 6×6×·44		✓ E. 3×3×·34	B. ·44	
" " " " FORWD. 3/5L.	3	3	·34	✓ 3	3	·34
" " ~~at intermdt. Bkts.~~		10½"		✓	10½"	
FRAMING, depth of girder						
FLOORS, depth and thickness of Floor Plate at mid-line for ⅜ length amidships						
" in way of Engine and Boiler Spaces						
" thickness at the ends of vessel						
" depth at ¾ the half breadth, as per Rule						
" height extended at the Bilges						
FLOORS in Cell. Double Bottoms	·34	B. ·44		✓ ·34	B. ·44	
" state if flanged (top & bottom)	Flanged at top as approved.			✓		
" Spacing of Solid floors	Every Fr.			✓ Every Fr.		
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.	36½"×·46	·38	B. ·56	✓ 36½"×·46	·38	B. ·56
" " Angles, Top	3×3×·43	·41	B. ·53	✓ 3×3×·43	·41	B. ·53
" " " Bottom	3½×3½×·49	·44		✓ 3½×3½×·49	·44	
" " " to Floors	3×3×·34, E. 5×5×·34	B. ·44, BB. ·44		✓ 3×3×·34, E. 5×5×·34	B. ·44, BB. ·44	
" ~~Brackets at intermdt. floors, width & thkns.~~						
SIDE GIRDERS, number on each side & thickness VERT. & TOP.	6×3×·40			✓ 6×3×·40		
" " ~~state if flanged (top & bottom)~~ BOT. / 1 CLEAR OF E&B & FORWD 3/5L.	6½×3×·40			✓ 6½×3×·40		
" " ~~Angles (top & bottom)~~ TOP. / BOT.	3×3×·34, 3½	B. ·44, 3	·34	✓ 3×3×·34, 3½	B. ·44, 3	·34
" " PLTS. E&B AND FORWD. 3/5L.	·34	B. ·44		✓ ·34	B. ·44	
" " ANGS " " to Floors VERT.	2½×2½×·32	B. ·42		✓ 2½×2½×·32	B. ·42	
MARGIN PLATE, ~~depth (exclusive of flange)~~ and thickness LEVEL.	62"×·42	B. ·51		✓ 62"×·42	B. ·51	
" " Angle to Outside Plating	Flanged 3½".			✓ Flanged 3½".		
" " " Floors	Flanged floors.			✓ Flanged floors.		
" ~~Brackets at intermdt. frames, width & thkns.~~						
" Height of Outside Brackets above at bilge		31"		✓	31"	
THINNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	34"×·44	·36	B. ·52	✓ 34"×·44	·36	B. ·52
" " " in Engine and Boiler space	E. ·46	B. ·55		✓ E. ·44	B. ·52	
" " " Remainder in Holds	·39	·37	F. ·36	✓ ·39	·37	F. ·36
BEAMS, Upper Deck, ~~Single Angle~~, Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	8½	3½	·54	✓ 8½	3½	·54
" In way of Long Bridge	8½	3½	·50	✓ 8½	3½	·50
" Spacing	Every Fr.			✓ Every Fr.		
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Spacing						
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing				✓		
BEAMS, Poop Deck, Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	6	3	·32	✓ 6	3	·32
" ~~Angles on upper edge~~						
" Spacing	Every Fr.			✓ Every Fr.		
BEAMS, Bridge Deck, ~~Angle~~, Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	6½	3	·44	✓ 6½	3	·44
" ~~Angles on upper edge~~						
" Spacing	Every Fr.			✓ Every Fr.		
BEAMS, Forecastle Deck, Angle & Bulb Angle, ~~Plate, Tee Bulb, or Channel~~	6	3	·35	✓ 6	3	·35
" ~~Angles on upper edge~~						
" Spacing	Every Fr.			✓ Every Fr.		

PILLARS.

	Inches. Size in Ship.	Inches. Spacing in Ship.	Inches per Rule. Or as	Inches per Rule. Approved.
PILLARS In 'tween Deck, size and spacing	P.P. 2½	alt. beams	✓ P.P. 2½	alt. beams.
" " Hold	B. 2½	" "	B. 2½	" "
" ~~Quarter 'tween Dks.~~	Wide Spaced as		per Profile.	
" ~~" " in Hold~~	5¾ alt. beams		✓ 5¾ alt. beams	
	See Profile.		✓ See Profile.	

KEELSONS & STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	Inches per Rule Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate						
" Rider Plate						
" Flat Plate Keel Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles						
SIDE KEELSONS, Number						
" Angles or Bulb Angles						
" Plate above floors, for ... length						
" Intercostal Plate, for ... length						
" Attached to outside Plating with Angle						
BILGE KEELSON, Angles						
" Intercostal Plate for ... length						
" Attached to outside Plating with Angle						
SIDE STRINGERS, Number						
" " Angle						
" Intercostal Plate, for ... length						
" Attached to outside plating with Angle						
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	77½"×·80	·60	·38	✓ 77½"×·80	·60	·38
" " " " br'dth & thickness (in way of Bridge)	77½"×·80	·32		✓ 77"×·80	·32	
" " " Angle (clear of Bridge)	5×5×	·65		✓ 5×5×	·65	
" " ~~Tie Plate at sides of Hatchways~~						
" Deck.* ~~Iron or~~ Steel, for Whole lng.						
" " Thickness (clear of Bridge)	·60	·30		✓ ·60	·30	
" " " (in way of Bridge)	·30			✓ ·30		
" ~~Wood Deck. Material & thickness~~						
Second Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates outside Hatchways						
" Deck.* Iron or Steel, for ... lng.						
" Wood Deck. Material & thickness						
Third Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck.* Material and thickness						
Fourth and Fifth Deck Stringer Plate, breadth & thickness						
" " " Angles on ditto, No.						
" " " Tie Plates outside Hatchways						
" " Deck. Material & thickness						
Poop Deck Stringer Plate, breadth & thickness	32"×·32			✓ 29"×·32		
" Angle on ditto	3×3×·32			✓ 3×3×	·32	
" ~~Tie Plates~~						
" Deck. Material and thickness Steel & P.P. Shlkg.	·28,	2½ P.P.		✓ ·28,	2½ P.P.	
Bridge Deck Stringer Plate, br'dth & thickness	72"	·36		72"	·36	
" Angle on ditto	3½×3½	·39		✓ 3½×3½	·39	
" ~~Tie Plates~~						
" Deck. Material and thickness Steel.	·36	·30		✓ ·36	·30	
Forecastle Deck Stringer Plate, b'dth & th'kns	As. 54"	·32		29"	·32	
" Angle on ditto	3×3	·32		✓ 3×3	·32	
" ~~Tie Plates~~						
" Deck. Material and thickness	·32			✓ ·32		

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

Form No. 1A.—1m.8.20. T.

WEB FRAMES.

	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing	✓	✓	✓	✓
,, ,, ,, brdth. & thickness	✓	✓	✓	✓
,, No. of Side Stringers 3 ,, Panting.	15½	·40	15½	·40
WEB-FRAMES, In E. & B. Space, No. & spacing	Face ang. 6×3½×·44 Bunker end as Web. Pl'ts.		Face ang. 6×3½×·44	
,, ,, ,, brdth. & thickness				
WEB-FRAMES, In After Body, No. and spacing	✓	✓	✓	✓
,, ,, ,, brdth. & thickness	✓	✓	✓	✓
,, No. of Side Stringers ,, ,,	✓	✓	✓	✓
,, Size of Face Angles to **Web-Frames**	✓	✓	✓	✓
BRACKET PLATES to Stringers between Web Frames, depth and thickness	✓	✓	✓	✓

FORGINGS or CASTINGS.

	Inches in Ship.	Inches per Rule, Or as Approved.
KEEL, Bar, depth and thickness	✓	✓
STEM, moulding and thickness Rolled Bar.	8 × 2¼ ✓	8 × 2¼
STERN-POST for Rudder do. do. Forging.	8 × 5¾ ✓	8 × 5¾
,, for Propeller Forging.	9 × 5¾ ✓	9 × 5¾
RUDDER—A×D* Table 22. Speed not exceeding 10 knots.	26⅞ ✓	26⅞
,, **Main-Piece,** diameter at head	7½ ✓	7½
,, ,, ,, at heel	5½ ✓	5½

RUDDER, how constructed Forged head, mainpiece, and arms. ✓

,, Thickness of ~~Plates~~ Single Plate ·96 ✓

Can the Rudder be unshipped afloat? Yes. ✓

BULKHEADS.

	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners. Horizontal. Size. Inches.	Horizontal. Spacing Inches.	Vertical. Size. Inches.	Vertical. Spacing Inches.	Single or Double Frames.	Height up, state deck.
W.T. BULKHEADS	5.	5.							
Av. Pk.	1.	1.	·40 / ·30	✓	✓	10×3½×·50	24	Sing.	Up. Dk.
No. 46 fr.	1.	1.	·37 / ·31 / ·26	✓	✓	9½×3½×·46	30	"	" "
No. 62½ fr.	1.	1.	·40 / ·31 / ·26	✓	✓	" " " " "	"	"	" "
No. 89 fr.	1.	1.	·38 / ·34 / ·26	✓	✓	10½×3½×·46	"	"	" "
,, **COLLISION** ,,	1.	1.	·44 / ·34 / ·26	S.B. Beam, 8½×3½×·44			24	"	" "
~~**PARTITION**~~ ,,									
~~**LONGITUDINAL**~~ ,,									

Are the outside Plates doubled two spaces of Frames in length? Liners fitted.

Are the ~~Sluice Valves and~~ Watertight Doors in efficient working order? Yes.

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.? Open hearth process.
D. Colville & Sons Ld. Steel Co. of Scot.d Ld.
Dorman Long & Co. Ld. W. Beardmore & Co. Ld.
J. Dunlop & Co. Ld.

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

PLATING.

STRAKES.	As in Ship. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.	Forward. Thickness. Inches.	Aft. Thickness. Inches.	Per Rule or as Approved. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.
Flat Plate Keel (If Bar Keel, state Riveting.)	48	·62	·58	·58	48	·62 ✓
Garboard or A Strake	82¾	·56	·48	·42	82⅝	·56
B ,,	76½	"	·46	·46	76⅝	"
C ,,	60¾	"	·50	·52	60¾	"
D ,,	72	"	·42	·45	72	"
E ,,	77¾	"	·40	·40	77¾	"
F ,,	73¼	"	"	"	73¼	"
G ,,	67	"	"	"	67	"
Up. Dk. Sheer H ,,	48	"	"	"	48	" ✓
J ,,						
K ,,						
L ,,						
M ,,						
N ,,						
O ,,						
P ,,						
Q ,,						
R ,,						
S ,,						
T ,,						
U ,,						
V ,,						
W ,,						
Th'kness of Sh'rstrke clear of Long Bridge		·64 ✓	·40	·40	✓	·64 ✓
Do. of Strake below		·56 ✓	·40	·40	✓	·56 ✓
~~Thickness of Flat Plate Keel~~ ~~Sheerstrake~~ Length and thickness.	Increased at ends of Bridge to ·99					✓
Poop Sides			·34 ✓			
~~Short~~ Bridge Sides	86¼"	·46	✓	✓	86¼"	·46 ✓
Forecastle Sides			·36 ✓			

Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter

Boss plating ·55

Thickness of A. B. & C. Strakes maintained forwd. to 3/5L. @ ·56; and then to rule position of Collr. bhd. @ ·52

Shell plates Connecting Sternframe of Rule thickness.

RIVETING.

Edges, Ordinary or joggled? Ordinary.	Single or Double.	Breadth of Lap. Inches.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Butts. Double or Treble and for what Length.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Straps. Breadth. Inches.	Straps. Thickness. Inches.	If Lapped. Breadth. Inches.	If Lapped. For what Length. Feet.
Flat Plate Keel	Doub.	5¼	⅞	3½	Treb.	⅞	3"	✓ ✓	✓	9⅞	Thrt.
Garboard or A Strake	"	"	"	"	Quad. ½ L.T.	"	3⅛	✓	✓	13⅜ 9⅞	"
B ,,	"	"	"	"	Treb.	"	"	✓	✓	9⅞	"
C ,,	"	"	"	"	"	"	"	✓	✓	"	"
D ,,	"	"	"	"	"	"	"	✓	✓	"	"
E ,,	"	"	"	"	"	"	"	✓	✓	"	"
F ,,	"	"	"	"	"	"	"	✓	✓	"	"
G ,,	"	"	"	"	"	"	"	✓	✓	"	"
Up. Dk. Sheer H ,,											
J ,,											
K ,,											
L ,,											
M ,,											
N ,,											
O ,,											
P ,,											
Q ,,											
R ,,											
S ,,											
T ,,											
U ,,											
V ,,											
W ,,											
Th'kness of Sh'rstrke clear of Long Bridge	Doub.	5¼	⅞	3½	Quad. & Treb.	⅞ 3½	3⅛	✓ ✓	✓	13⅜ 9⅞	Thrt. ✓
Do. of Strake below	"	"	"	"	Treb.	⅞	3⅛	✓ ✓	✓	9⅞	" ✓
~~Thickness of Flat Plate Keel~~ ~~Sheerstrake~~ Length and thickness.	Doub.	5¼	⅞	3½	Quad.	1"	4"	✓	✓	14	Thrt. ✓
Poop Sides	Single	2½	¾	3	Doub.	¾	2⅝	✓ ✓	✓	5	"
~~Short~~ Bridge Sides	Doub.	5¼	⅞	3½	Quad.	⅞	3½	✓ ✓	✓	13⅜	"
Forecastle Sides	Single.	2½	¾	3	Doub.	¾	2⅝	✓ ✓	✓	5	"

Double riveted overlapped butts where rule thickness does not exceed ·42

Multiple punching adopted.

* *Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.*

Upper Deck Stringer Plate — **Butts,** Treb. ✓ riveted for Whole ✓ length ~~amidship~~.
Quad. and Double in Bridge. ✓
~~**Straps,** single, double or~~ overlapped for Whole ✓ length ~~amidship~~.

Second Deck Stringer Plate — **Butts,** ✓ riveted for ✓ length amidship.
Straps, single or overlapped for ✓ length amidship.

Poop, Br. & Fcle. Dk. Stringers double riveted overlaps. ✓

Butts of Side Stringers ✓ riveted.
,, **Tie Plates** ✓ riveted.
Inner Bottom Plating, riveting of **Edges** Single **Butts** Doub. & Single
Centre Girder Butts, Treb. ✓ riveted. **Keelson Butts,** ✓ riveted.
Frames, riveted through Plates with ⅞, ¾ in. Rivets, about 7.645 dias. average. apart.
Rivets, state whether Iron or Steel Iron.

FRAMES extend in one length from Cr. Keelson to tank side, and from tank side to deck. ✓ State if ordinary or joggled Joggled. ✓
REVERSED FRAMES on floors ~~and frames~~ extend from Cr. Keelson to tank side where floors not flanged. ✓ State if ordinary or joggled Ordinary. ✓

MASTS, SPARS, &c.

	Material.	Total Length.	Diameter and Thickness. At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles. Number.	Angles. Size.	Riveting. Seams.	Riveting. Butts.
Lower Masts. Fore	Steel.	48'-5"	20" ·34	20" ·32	16½" ·30	16" ·30	Two	✓	✓	Single	Treb. above dk.
Lower Masts. Main	"	57'-4½	" "	19½ "	" "	" "	"	✓	✓	"	" " "
Lower Masts. ~~Mizen~~											
Bowsprit											

Topmasts, ~~Yards and Remainder of Spars~~ P. Pine.

Rigging, Material and Size, **Shrouds** Fore & Main 3¼" S.W. **Stays** Fore & Main 3¼" S.W.

Sails. None Suit of ✓ Sails, and the following spare sails none.

Form No. 1A.

EQUIPMENT No. 20926 LETTER C. ANCHORS. TONNAGE U.DK. OR PLATING No. FOR TRAWLERS

Number of Certificate.	Anchors.	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Required by Table 31. Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
39783.	1st Bower ...	42	2	-		✓		37	10	-	-	42	-	-	Britannia Stockless.	R. Sykes & Sons Ltd.	LPH.CH. 16/5/24 S.C. Pauls.
39666.	2nd " ...	41	1	6		✓		36	13	0	14	42	-	-	" "	" " " "	" 11/4/24 " " "
39776.	3rd " ...	35	3	-		✓		32	18	3	-	35	2	-	" "	" " " "	" 16/5/24 " " "
	~~4th~~ " ...																
	Collective weight.	119	2	6	✓							119	2	-	✓		
38882.	Stream	11	1	8	2	3	16	13	5	-	-	11	-	-	✓ Ordinary.	" " " "	" 19/9/23 " " "
	~~Kedge~~																

If Patent state Name of Patentee. If Stockless, state Mechanical Tests.

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

1st Bower 42 - 2 - 0 (C), MB. 1921, 28/3/24. Düsseldorf Cert.
2nd " 41 - 1 - 6, MB. 1845, 19/2/24. " "
3rd " 35 - 3 - 0, KH. 2834, 18/3/24. " "
4th "

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length.	Diam.	Test per Certificate. Statutory.	Breaking.	Weight of Chain Cable. Supplied.	Per Rule.	Length and Size per Table 31. Length.	Diam.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs	Fathoms.	Ins.			
58035.	240	1⅞	63¼	88½	427-3-14	425-1-0	240	1⅞	Stud L.	R. Sykes & Sons Ltd.	LPHT. 30/7/23. W.A. Dripsdale.
		✓	✓	✓	✓	✓		✓			
~~Iron~~ Stream ~~Chain~~ Steel Wire	75	Cir. 4¼	-	35			75	Cir. 4¼			

HAWSERS AND WARPS.

Material	Length and Size supplied. Length.	Cir.	Breaking Test of Steel Wire Towline.	Length and Size per Table 31. Length.	Cir.
	Fathoms.	Ins.	Tons.	Fathoms.	Ins.
TOWLINE	100	4	33	100	4
HAWSERS & WARPS	2-90	2½	12½	2-90	2½
" "	2-90	2¼	10½	2-90	2¼
" "					

Boats 2 Lifeboats, 1 Dingly, Wood. **Steering Gear, Steam** by Doukin & Co. Ltd. **Steering Gear, Hand** by J. Crawford & Sons Ltd.
Pumps, Number One. Diameter of Barrel 3" State whether ~~they are~~ in efficient working order Yes.
Windlass is Comb^d. Steam and hand by Clarke Chapman & Co. Ltd. **Capstan** None.
Engine Room Skylights.—How constructed? Steel plates and angles. What arrangements for deadlights in bad weather? Bullseyes in hinged Steel flaps.
Coal Bunker Openings.—How constructed? Steel plates and angles. How are lids secured? Battens. Height above deck? 30"
Number of **Scuppers,** and numbers and dimensions of **Freeing Ports,** &c. 7 overboard Scuppers P&S. Freeing Ports 6 P&S. 1. 12"-0", 2. 18"-0", 1. 17"-0", 1. 15"-3", 1. 16"-1½" all 7" wide.
Ceiling in Holds, thickness and material 2½" W. Pine under hatchways and at limbers **Cargo Battens,** thickness and material 6" x 2" W. Pine.
Cargo Hatchways.—How formed? Steel plates and angles. **Hatches,** If strong and efficient? Yes.
State size **No. 1 Hatch** (Forward) 27'-0" x 21'-9½" **No. 2 Hatch** 26'-3" x 21'-9½" **No. 3 Hatch** 26'-3" x 21'-9½" **No. 4 Hatch** 26'-3" x 21'-9½"
Number of **Web Plates,** ~~**Shifting Beams** and **Fore and Afters**~~ to each Hatch Five to two, 1-2-3 & 4 hatchways.
No. of Breasthooks Two. **No. of Crutches**
Bulwarks, height above deck and description 3'-9" Steel pls. .25 Main Rail, material and size Rail 6x3x.40 J, Stays 6x3x.36 J

The foregoing is a correct description.
Builder's Signature (here only) for the Burntisland Shipbuilding Company Ltd. Managing Director *Surveyor's Signature* Robt. Cheetham. *Surveyor to Lloyd's Register of Shipping.*

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made in any correspondence connected with the case*) As per letters of Various dates.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed.
Is the riveted work properly closed? Yes.
Are the liners between the frames and plates solid single pieces? Joggled frames. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes. Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes. Do any rivets break into or through the seams or butts of the plating? A few.
Are the butts of Plating, Stringers, &c., properly shifted and ~~strapped~~? overlapped, Yes.
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes. State results of tests Satisfactory.
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes. State results of tests Satisfactory.
General Remarks (State quality of workmanship, &c.)

This Vessel has been built in accordance with the approved plans, and in General Conformity with the Rules. The workmanship and materials are good.

The Owners' Sanction that the Vessel be built to the revised rules was obtained.

The Approved plans (which please return for dealing with Sister Vessel No. 130) are forwarded herewith, together with 3 Forging Reports.

The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.

Freeboard. £ 7 : 0 : 0
The amount of Entry Fee ..... £ 6 : 0 : 0
Special Survey Fee..... £ 198 : 15 : 0
Travelling Expenses, if any £ 4 : 4 : 5
Fees applied for, 9-9-1924. Received by me, 30/9/24.
Hull. Certificate ~~to be~~ sent to ~~Builders~~ Litt. Date of issue 3/10/24
Machy " " " Glasgow
State whether the Vessel has been built under Special Survey Yes.
I am of opinion this Vessel should be Classed +100A1.
With, or without Freeboard, as condition of Class Without.
Robt. Cheetham. *Surveyor to Lloyd's Register of Shipping.*

Committee's Minute FRI. 12 SEP 1924
Character assigned 100A1
Lloyds A&C
+ LMC. 8.24 C.L.
FRI. 3 OCT 1930

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

GENERAL REMARKS—(*continued*).

3 P. King

Set 3

26

S	S			
	1	1	·40 ·00	
		1.	·34 ·16	
No. 62 fr.		1.	·31 ·26	
No. 89 fr.		1.	·36 ·31 ·26	
		1.	1 ·44 ·28	

were

2/3

48 ·62 ·58 ·50 ·62 Inst. Dres. 7/8 3/2

·56 ·48 ·40 Quad. 1/2 FT. 3/4 13 7/8

·46 ·46

·50 ·5

·40 ·45

·40 ·40

Drove reached unclapped butt where thickness did not exceed ·40

·55

K 356. a ·56

a ·57

We take unclamp rivetted

There

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 22·66 ft., R.Q.D. ✓ ft., Bridge 70·75 ft., Forecastle 26·00 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (*this information is to be given should appear in the Register Book*) 1 Deck Steel.

Official No. 147713. ; Signal Letters ✓ State if Machinery is fitted aft Machy. Amidships.

How are the surfaces preserved from oxidation? Inside Cement and paint. Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cell. System

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	89.25	220	Fore peak tank,	19.00	122
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	16.00	94
Double bottom, if under Engines only,	18.375	61	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	18.375	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	124.50	382	Other tanks, if fitted,	✓	✓
	Total capacity of double bottom 249.500	663	(If necessary, furnish further information by sketch.)	✓	

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules Yes, including Dry T. under boilers. Satisfactorily

Order for Special Survey No. 1122.

Date 7-6-23.

No. 129. in builder's yard.

Dates of Surveys held while building: 1924. Mar. 7.12.21.26. Apl. 1.10.18.25.30. May 9.16.23.27.30. June 3.6.11.19. July 4.5.9.12.16.31. Aug. 7.14.19.25.27.

Total No. of Visits 29

Surveyor's Signature Robt. Cheetham.