

STEEL STEAMER or MOTORSHIP.

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 *10 February 1938*Port of *Leith*No. *19504*Survey held at *Burntisland*Date First Survey *24 September, 1937* Last Survey *4 February 1938*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single Screw Steamer "NORMAN QUEEN"*

Machinery fitted aft.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling without tonnage opening*State Type of Erections *RQD "Focle"*TONNAGE under Tonnage Deck... *646.99*CLASS *100A1*State if with freeboard as condition of Class *no*Built at *Burntisland*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) *195.0*

FEET.

Launched *31/12/37* Yard No. *216*Total *646.99*Breadth (greatest moulded) *32.1*Builders *The Burntisland SBC & Ld.*Gross Tonnage *956.62*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *15.2 upper Dk. 19.3 RQD*Owners *British Channel Islands Shipping Co. Ltd.*Register Tonnage *540.65*1st Longitudinal Number (L x D) *2966*Managers *-*2nd Numeral L x (B + D) *9222*

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

REGISTERED DIMENSIONS.

FEET.

Length *197.2*Breadth *32.2*Depth *13.1*Framing Depth "d," at middle of length. See Sec. 3 (1d) *12.56 upper Dk. 12.8 upper Dk. 10.0 RQD*Residence *15-18 Lime St London*

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

Port of Registry *London*

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock

Draught Moulded *14'7"**While building, & finally afloat.*

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>24</i>	✓	Bracket Floors, Frame		
" " from $\frac{3}{8}$ length to Collision bulkhead	<i>24</i>	✓	" " Reversed Frame		
" " in peaks	<i>24</i>	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>30 1/2</i> <i>.38</i>	✓
Frame Amidships, Angle <i>E</i> or <i>F</i>	<i>7 3.33</i>	✓	" " top Angles	<i>3 3.34</i>	<i>double</i>
" " Extends up to	<i>RQD</i>	✓	" " bottom Angles	<i>3 3.38</i>	<i>double</i>
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	<i>one 5x3x.28 6 to shell 4 1/2 x 3 x .29 1 to tank top</i>	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	<i>23 .34</i>	
<i>One side stringer 6 x 3/4 x 1/2 x .35 (in way of keel)</i>			" " Vertical Angle to Tank side	<i>3 x 3 x .33 at upper Dk. 3 x 3 x .35 at RQD</i>	<i>Double every 4 frames</i>
Depth of Framing Girder	<i>6 3.30</i>	✓	" " Vertical Angle to Tank side	<i>5 5.33</i>	
Frames in Uppermost Continuous Deck, Angle <i>E</i> or <i>F</i>			" " Gussets, spacing and scantling abaft 1/4 len. from stem	<i>none</i>	
" " Second 'tween Decks, Angle <i>E</i> or <i>F</i>			" " Gussets, spacing and scantling forward 1/4 len. from stem	<i>none</i>	
" " Third " " " "			Tank Side Brackets, height above base line at toe of Frame and thickness	<i>4 1/2 .35 at RQD 4 1/2 .33 at upper Dk.</i>	
Framing in Peaks, Angle <i>E</i> or <i>F</i>	<i>6 3.28</i>	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 5 1/4 apart C6C</i>	✓	Breadth and thickness of Middle Line Strake	<i>40 1/2 .34</i>	✓
State if Frame Joggled	<i>yes</i>	✓	Thickness of remainder in Holds	<i>16 .31</i>	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Frames 8 x 3 x .35 6 Two stringers Bottom shell .44</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>	✓
STRENGTHENING OF BOTTOM FOR WARD. State Particulars	<i>Frames 3 x 3 x .29 double side girders 3-6 and 7-8 from centre line</i>	✓	BEAMS.		
(SINGLE BOTTOM. in way of Engines & Boilers as per plan)			Uppermost Continuous Deck, amidships in Wells, Angle <i>E</i> or <i>F</i>	<i>RQ 1/2 beams 4 3.30 L 6 3.27 6 through beams</i>	✓
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle <i>E</i> or <i>F</i>		
Height of Brackets at side above base line at toe of frame			Spacing	<i>every frame</i>	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>			Upper Second Deck, amidships, Angle <i>E</i> or <i>F</i>	<i>1/2 beams 4 3.30 L 5 1/2 3.29 L</i>	✓
" " Through Plate or Intercoastal Plate			Spacing	<i>every frame</i>	
" " Foundation Plate on Floors			Third Deck, amidships, Angle <i>E</i> or <i>F</i>		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Fourth Deck, amidships, Angle <i>E</i> or <i>F</i>		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			Poop Deck, Angle <i>E</i> or <i>F</i>		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	<i>.29 every frame</i>	✓	Bridge Deck, Angle <i>E</i> or <i>F</i>		
" " Are Frame and Reversed Frame joggled?	<i>yes</i>	✓	Spacing		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle <i>E</i> or <i>F</i>	<i>5 3.25</i>	✓
" " breadth and thickness at margin plate			Spacing	<i>every frame</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.....				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			
,, in Holds				Thickness of Plating within line of openings...			
,, " " " " " "				If Sheathed, material and thickness			
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....			
Plating, thickness of				If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells				If Plated, state thickness			
,, " " " " in way of Bridge				Poop Deck.			
,, Angle in Wells				Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells				Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Bridge				Bridge Deck.			
Thickness of Plating within line of openings...				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.....			
				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 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	40	48	46	44	✓	Double	3/4	3	3	✓	3/4	2 5/8	Lapped
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes	165	42	44	38	✓	Double	3/4	3	3 + 2	✓	3/4	2 5/8	Lapped
BILGE PLATING, No. of Strakes	59	42	40	36	✓	Double	"	"	C 3		"	"	"
SIDE PLATING, No. of Strakes	65	40	36	36	✓	S + D	"	"	D 2		"	"	"
UPPER DECK, Sheer-strake in Wells	53 3/4	44	—	36	✓	S + D	"	"	E 2		"	"	"
UPPER DECK, Sheer-strake in Bridge ...	66	65	36	—	✓	Double	"	"	F 3 + 2	✓	"	"	"
STRAKE BELOW Sheer-strake in Wells	Same as E.					Same as E							
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING													
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING			28	✓		Single	3/4	3	2		3/4	2 5/8	Lapped

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to ~~the~~ Upper Deck (Sec. 3 c) 3 ✓

„ Deck next below 3 ✓

As per Rule 3 ✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM <i>rolled bar</i>		6'2" x 1 1/2" ✓		
STERN FRAME {	Propeller Post <i>Cast steel</i> $\left(2 \times 6 \frac{1}{2} \right)$ ✓		Union des Armes $\frac{1}{2}$ "	
	Rudder <i>Stream lined as per plan</i>			
Speed of Vessel		10 K knots ✓		
RUDDER—Type <i>(ordinary stream lined)</i>				
" A x D	<i>9'4"</i>	<i>(casting by Union des Armes $\frac{1}{2}$")</i>		
" Diam. of head	<i>4'2" x 4"</i>	✓		
" Mainpiece at top pintle	<i>as per plan</i>	✓		
" " heel	<i>3'2" x 2'3/4"</i>	✓		
" { how constructed	<i>cast steel</i>	<i>main piece 4 arms in one piece</i>		
" double or single plate	<i>double</i>	✓		
" coupling, vertical or horizontal	<i>Horizontal</i>			

		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKHEAD , Upper tween decks							
"	Second	"					
"	Third	"					
Frame	No						
	Holds	29	40	26	6x3x.30	36	truss 5x3x.32 P every stiffener.
COLLISION	(in Hold)	87	40	26	8x3x.375 2x2x.18	24	
AFTER PEAK		5	65	30	9x3x.40	24	

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Dorman Long & Co. L^{td} - The Steel Company of Scotland L^{td} - The Lanarkshire Steel Co. - Connell Iron Co. L^{td} -*

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.)

Amended Profile & Decks to suit Self-trimming Arrangement—
Stern framing—Stem plan—Stern & Rudder frames—
Arrangement of steering gear, chain roads etc—Pumping plan—
Rudder Quadrant—Mast plan—Also on report of Castings,
and two on forgings.

Sister Ship—*Jenny Queen*, (arrangement of hatches different.)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	12-3-25, ✓ WH, 6117, 18-12-36,
	2nd "	12-2-4, ✓ HR, 6413, 26-2-37,
	3rd "	11-1-11, ✓ WH, 6855, 23-7-37,

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ 122 ft., Bridge ☒ ft., Forecastle ☒ 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 deck steel*

Official No. *166353*; Signal Letters ☒ Is bottom of vessel coated with cement *yes* ☒ if not give particulars of composition ☒

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	1		Fore peak tank,	21	64 ✓
Double bottom, under Engines and Boilers,			After peak tank,	10	42 ✓
Double bottom, if under Engines only,	N ^o 1 64	108	Deep tank, aft,		
Double bottom, if under Boilers only,	N ^o 2 56	107	Deep tank, forward,		
Double bottom, forward,	N ^o 3 8	9	Other tanks, if fitted,		
	Total capacity of double bottom	224 ✓	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. *1275*

Date *18/1/37*

Dates of Surveys held while building

1937:—
September 24, 28, 30—October 12, 29—November 2, 16, 23, 30.
December 7, 14, 16, 17, 20, 24, 28, 31.
1928:—January 11, 14, 18, 25, 28, 31—February 4.

Total No. of Visits *24*