

Rpt. 1.

STEEL STEAMER or MOTORSHIP.

Received at London Office

FEB 1945

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

12/1/45

Port of

Liverpool

Survey held at

Northwich

Date First Survey

29 June/43

Last Survey

18th Jan'y / 1945

On the

(State if Machine Lifted Aft and of Single, Twin or Triple Screw)

M/V Empire Taptley (single screw, machinery fitted aft)

State Type

(2nd St. Eng. Complete Superstructure without Tonnage Openings)

Full Scantling

State Type of Erections

Longport & Co.

TONNAGE under

226.61

Tonnage Deck

Do. of space or spaces

✓

between Tonnage Dk.

and Upper Dk.

Total

✓

Gross Tonnage

304.67

Register Tonnage

102.66

CLASS +100 A1

Carrying petroleum in bulk

State if with freeboard

✓

Built at

Northwich

Launched

14/8/44

Yard No. 662

Builders

Messrs J. Limbott & Sons Ltd

Owners

Ministry of War Transport

Managers

Messrs Hensley Bell & Co.

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

Residence

Port of Registry

Liverpool

If surveyed while building, afloat, or in dry dock

While building

REGISTERED DIMENSIONS.

FEET.

Length

127.20

Breadth

24.15

Depth

10.30

Length from fore part of stem to after part of stern

L 127.2

post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded)

B 24.0

Depth, at middle of length from top of keel to top

D 10.75

of beam at side of uppermost continuous

deck. See Sec. 3 (1c)

1st Longitudinal Number (L x D)

= 1367.4

2nd Numeral L x (B + D)

= 4420

Framing Depth "d," at middle of length. See

9.5

Sec. 3 (1d)

Proportions—Depth to Length—Uppermost con-

11.83

tinuous deck to top of keel

Do. Long Bridge to top

✓

of keel

Draught Moulded

9' 11"

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		
" " from $\frac{3}{4}$ length amidships to Collision bulkhead	24 as appl. ✓		" " Reversed Frame		
" " in peaks	21 ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle	5 3 .34 ✓		" " top Angles		
" " Extends up to	upper deck ✓		" " bottom Angles		
Reversed Frame Amidships, Angle across	3 3 .35 0A ✓		Side Girders, No. each side and thickness		
" " floors in fore and tanks	✓		Margin Plate depth (excl. of flange) and thickness		
" " Extends up to	✓		" " Vertical Angle to Tank side		
Depth of Framing Girder	5 ✓		" " Bracket abaft $\frac{1}{2}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [✓		" " Vertical Angle to Tank side		
" " Second 'tween Decks, Angle, [or [✓		" " Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area		
" " Third " " " "	✓		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	5 3 .34 BA ✓		" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area		
" " in Peaks, Angle	4 2 $\frac{1}{2}$.30 0A ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 - 3 3/4 ✓		INNER BOTTOM PLATING.		
State if Frame Joggled	No ✓		Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules as approved?	Yes ✓		Thickness of remainder in Holds		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules 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?		
INGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in	12 x 3 1/2 x 3 1/2 x .375 .30] ✓		Uppermost Continuous Deck, amidships	5 3 .32 ✓	
" " in cargo tanks	✓		" " in Wells, Angle	4 2 1/2 .30 ✓	
Height of Brackets at side above base line at toe of frame	33 ✓		" " in way of double bottom	4 2 1/2 .30 ✓	
Middle Line Keelson, on Floors, Angles, [or [✓		Spacing	24 ✓	
" " Through Plate or Intercoastal Plate	✓		Second Deck, amidships, Angle, [or [
" " Foundation Plate on Floors	✓		Spacing		
" " Flat Plate Keel Angles	3 3 .40 ✓		Third Deck, amidships, Angle, [or [
Side Keelsons, No. each side	One ✓		Spacing		
" " thickness of Intercoastal Plate	.32 ✓		Fourth Deck, amidships, Angle, [or [
" " Angles	6 3 .485 0A ✓		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [4 2 1/2 .30 ✓	
Solid Floors, thickness and spacing			Spacing	21 ✓	
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, [or [✓	
Bracket Floors, breadth and thickness at middle line			Spacing	✓	
" " breadth and thickness at margin plate			Forecastle Deck, Angle, [or [3 1/2 2 1/2 .28 ✓	
			Spacing	21 ✓	

PILLARS AND DECKS.					
	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		
PILLARS, No. of Rows.....	<i>None</i>				
" in 'tween Decks, Size and Spacing.....					
" " " " " "					
" in Holds					
" " " " " "					
Centre Line Bulkhead.					
Stiffeners and Spacing.....	<i>6.3 x .32</i>		<i>8.0</i>		
Plating, thickness of	<i>.32 - .28</i>				
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	<i>6.0 x .32 - .28</i>				
" " " " in way of Bridge	<i>.32 double</i>				
" Angle in Wells	<i>4 1/2 x 4 1/2 x .34</i>				
Thickness of Plating abreast Deck openings in way of Wells	<i>.32</i>				
Thickness of Plating abreast Deck openings in way of Bridge	<i>.28</i>				
Thickness of Plating within line of openings....	<i>.28 x .32</i>				
If Sheathed, material and thickness	<i>✓</i>				
Second Deck.					
Stringer Plate, breadth and thickness in Wells...	<i>✓</i>				
Stringer Plate, breadth and thickness in way of Bridge					
Thickness of Plating abreast Deck openings in way of Wells					
Thickness of Plating abreast Deck openings in way of Bridge					
Thickness of Plating within line of openings....					
If Sheathed, material and thickness	<i>✓</i>				
Third Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
Fourth Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness					
Poop Deck.					
Stringer Plate, breadth and thickness	<i>5 1/4 x .24</i>				
Plating, Sheathing, material and thickness ...	<i>.24</i>		<i>Sheathing omitted as unnecessary</i>		
Bridge Deck.					
Stringer Plate, breadth and thickness.....	<i>✓</i>				
Plating, Sheathing, material and thickness ...	<i>✓</i>				
Forecastle Deck.					
Stringer Plate, breadth and thickness.....	<i>5 8 x .26</i>				
Plating, Sheathing, material and thickness ...	<i>.26</i>				

SCANTLINGS.								RIVETING.			
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?		BUTTS.			
	AMIDSHIPS.		FORWARD.			SINGLE OR DOUBLE.	RIVETS. Diam. Spacing inches. ft. or cr.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.					Diam. Inches.	Spacing ft. or cr. Inches.	
FLAT PLATE KEEL	36	.50	.40	.45		Double O.T. 3/4 2 3/8					
" DELG. (if any)	✓		(as appd.)			Double W.T. 3/4 3			Butts welded.		
BOTTOM PLATING, No. of Strakes ...2.....}	51	.35	.35-.38	.32		Double O.T. 5/8 2 1/4			Butts welded in way of oil tanks		
BILGE PLATING, No. of Strakes	54	.35	.28	.28		Double W.T. 5/8 2 1/2			Double W.T. 5/8 2 1/2	Lapped	
SIDE PLATING, No. of Strakes	56	.35	.28	.28		" ✓ " "			" " " "		
UPPER DECK, Sheer-strake in Wells.....}	50	.38	.45 at Brk.	.34 .28		Double 3/4 2 5/8			Butts welded in way of oil tanks.		
UPPER DECK, Sheer-strake in Bridge ...}	✓					* as appd.			W.T. Double 3/4 2 5/8	Lapped	
STRAKE BELOW SHEER-strake in Wells.....}	✓										
STRAKE BELOW SHEER-strake in Bridge ...}	✓										
POOP SIDE PLATING	45	.24	.30	.24		Single 5/8 2 1/2			Single 5/8 2 1/2	Lapped	
BRIDGE SIDE PLATING ...	✓					✓					
FOREC'TLE SIDE PLATING	45	.24	.24	.24		Single 5/8 2 1/2			Single 5/8 2 1/2	Lapped.	

Total No. of W.T. BULKHEADS in Vessel—		See plans		Casing or Forging.		Scantlings.		Maker's Name.		Any Departure from Approved Plans to be Noted.	
Extending to Upper Deck (Sec. 3 c)											
Deck next below											
As per Rule											
		Plating Thickness.	STIFFENERS.								
			VERTICAL.		HORIZONTAL.						
			Scantlings.	Spacing.	Scantlings.	Spacing.					
MIDSHIP BULKH'D, Upper tween decks											
" " Second "											
" " Third "											
" " Hold Tanks.		32-28	6x3x.32	24	✓	✓					
COLLISION " (in Hold)		32-28	7x3x.48	24	✓	✓					
AFTER PEAK " m space		30-28	5x3x.46	25	✓	✓					
			3x3x.30								

KEEL, Bar		✓	
STEM		Roller steel bar 5 1/2 x 1 1/4	✓
STERN FRAME { Propeller Post		F. 5 1/2 x 2 3/4	✓
{ Rudder "			
Speed of Vessel		10 knots	✓
RUDDER—Type		Balanced	✓
" A x D		105	✓
" Diam. of head		4 1/2	✓
" Mainpiece at top pintle		5-3	✓
" " heel ...		4 x 4 3/16	✓
" how constructed		Forged—flange shrunk.	✓
" double or single plate		Single	✓
" coupling, vertical or horizontal		1/4" or galat	✓

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)		Open Heart.
Messrs. Colvilles & Co. Lancashire Steel Corporation.		
Has the Steel been tested as required by the Rules?		Yes.

EQUIPMENT No.										LETTER	ANCHORS.						
Number of Certificate.		Anchors.		WEIGHT, PER STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.		Makers.		Where and when tested and Superintendent.	
		Cwts.	qrs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.						
58894	1st Bower ...	8	2	0	✓		10	12	2	0	✓	84	Halls Twp	Nr stated	Gaddy Head.	31/10/44	
58895	2nd " ...	8	2	4	✓		10	12	2	0	✓	8	Cast Steel Head	" do	" do	W.V. Norman.	
	3rd " ...												" do	" do	" do		
	Collective weight.	14	0	4	✓						164						
58896	Stream	2	3	18	✓	30	5	7	2	0	✓	234 lbs	Grd forged Wrought Iron Anchor	Nr stated	Gaddy Head.	31/10/44	W.V. Norman!

CHAIN CABLES.														HAWERS AND WARPS.									
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.		Discep-tion.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and Size supplied.		Breaking Test of Steel Wire.		Length and Size per Table 53.	
		Fathoms.	Inch.	Status.	Break-ing.	Tons.	qrs.	lbs.	Tons.	Fathoms.	Inch.							Fathoms.	Inch.	Tons.	Fathoms.	Inch.	
69007	60	15	76	✓		158	23	7	27-3-16	✓	74½	165	15	Steel Link	Conroy Bros	Gaddy Head	27/10/44		75	22	14.2	75	22
69006	1052	15	76	✓		158	23	7	48-3-0	✓		- do -	- do -	- do -	- do -	- do -	- do -	70	5	Newark			
								76.2	16														
Iron Stream Chain or Steel Wire	As	2½		FS WR					Bkly test 11.8 Tono		see letter 29.3.45												

Steering Gear, Type (Power or hand) *Donkin Worm & pinion Hand* ✓
approved see end. 29. 3. 15
 Alternative Means of Steering *Direct to Captn.* ✓
 Steering Chains (Size and Test) *8*
4-12-2-0
 Windlass *Reels Direct driven*
 Boats *2 @ 1665 x 6.05 x 2.55*
(steel motor)
 Ceiling in Holds, thickness and material
 Cargo Battens, thickness, material and spacing
 Cargo Hatchways. — (Upper Deck) *See in N. 6'0" the larger steel*
bed in upper deck. Hatched
emergency fittings Hatch N° 34.
 Thickness of Hatches ✓
 Size of Hatchways *See*
 No. 1 (Fwd.) *6'0" x 14'0" No. 2* 1/1 No. 3 1/ No. 4 1/ No. 5 1/ No. 6 1/
with awaler lids as above.
 Number of Shifting Beams }
 and/or Fore and Afters }

Builder's Signature *ISAAC PIMBLOTT & SONS, LTD.*
John Pimblott
 Managing Director

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel Diesel engine ✓
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo Tanker. ✓ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

The vessel has been built in conformity with the Society's rules & regulations & the Secretary's letters. The scantlings & arrangements are in accordance with or equivalent to those shown on the approved plans. The workmanship & materials are good. The fire & oil fuel tanks, cargo tanks, & fuel tanks have been tested according to rule & found satisfactory. ✓

The weather decks, casings, sidescuttles have been hose tested, & the cargo lines, pumps, steering gear & windlass have been tested & found satisfactory. ✓

The Convention freeboards have been marked on the vessel's sides, at in & verified. ✓

The requirements of the Rules for the carriage of oil fuel in bulk have been complied with where applicable.

The amount of Entry Fee..... £ 3 : 0 : 0
 Heebboard
 Special Survey Fee..... £ 45 : 15 : 0
 Specification 11 8 9
 Travelling Expenses, if any £ 10 : 6 : 8

Fees applied for, 24 FEB 1945
 Received by me, 19

(Special notations, where part of class, to be stated.)
 I am of opinion the Vessel should be Classed +100 A1.
 Carrying petroleum in bulk.

State whether the Vessel has been built under Special Survey. /es

Certificate to be sent to Liverpool Date of issue 29/4/45
 Glasgow

Committee's Minute LIVERPOOL 29 FEB 1945

Character assigned +100A1
 Carrying Petroleum in Bulk.
 +L.M.C. 1.45. Lloyd's A. & C.P. f.
 Oil Engines. O.G.

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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.)

The following approved plans are returned:-
General Steelwork, sections, Bulkheads, Rudder & stern frame, shell expansion
main & auxiliary engine sections.
Forging certificate for stern frame & rudder forwarder herewith.
This vessel is a sister ship to same builders yard No 655
M.V. Empire Cricketer, L.W. R.P.C. No 120716, yard No 643
M.V. Empire Coast L.W. R.P.C. No 119614.

PARTICULARS OF ELECTRIC WELDING (if employed) Seams & butts of decks; seams, butts, & boundaries to shell (part) of bulkheads; Butts of shell in way of cargo tanks, engine girders to shell butts of same; side keelsons intercostals to shell; wash plate in fore peak tank; cargo tank expansion trunks; engine casings & Bridge, guard rails & minor fittings.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book
"Carrying petroleum in bulk" ✓ Cruiser stern.
"Machinery fitted afo" ✓
Partly welded. ✓

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	5 wts 14. 16 lbs	A.E.G.	9173.	27/9/43.
	2nd "	5 wts 27. 6 lbs	A.E.G.	1764.	12/7/44.
	3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 39.27 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 19.25 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓
Official No. 168891 Signal Letters Extreme Breadth over Belting 24.33' Over-all Length 134.45'!
No. and Material of Decks One (Steel)
Parts of Bottom of Vessel coated with cement or approved composition Fore & after peak tanks cement washed, bituminous enamel in Engine room to top of floors.
Particulars of composition (if fitted) and of approval Waxes Dove enamel in engine room.

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	15.75	52 ✓
Double bottom, under Engines and Boilers,			After peak tank,	8.75	20 ✓
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 1356
Date 1/3/44
Dates of Surveys held while building 29/6/43 to 18/1/45 inclusive
Total No. of Visits 66