

F.E. FROM ACCTS.	20/5
F.E. FROM ADMIN/F	24/5
PLANS RECD	Rpt. 20/5
CERTS. RECD.	20/5
TO RPIS. DEPT.	25/5

Port LONDON No. 142598

Date of completing report 29-4-60 When handed in at Local Office 29-4-60 Received London

Survey held at Dartford First Visit 3-4-59 Last Visit 28-4-60 No. of Visits 23

# FIRST ENTRY SHIP REPORT

ON THE SS/MS CHARMO

Has Report been sent on (1) Freeboard of Ship? (NO) Rpt. C11 only (2) Machinery? Two diesel engines driving a single screw shaft  
 (Rpt. C11 & Rpt. C11 (Comp.) are to be forwarded in advance when freeboards are assigned by the Society. In cases where freeboards are assigned by another Authority or when ships are exempt from Load Lines, Rpt. C11 only need be forwarded).

Type of Ship <u>Tanker.</u>	Is machinery fitted aft? <u>yes.</u>
Length (D 201 of Rules)* <u>149.67'</u>	Built at <u>Dartford, Kent.</u>
Breadth (D 202 of Rules) <u>32.50</u>	Launched <u>December 1959.</u> Yard No. <u>Nc/148.</u>
Depth (D 203 of Rules) <u>10.50</u>	Builders <u>Charrington Gardner &amp; Locket (London) Ltd.</u>
Draught (summer moulded) (D 204 of Rules) <u>9'</u>	Owners <u>Charrington Gardner &amp; Locket (London) Ltd.</u>
Deck Factor "F" excluding d <sub>t</sub>	Address <u>Tower House, 40 Trinity Square, London S.E.3.</u>
" " "F" including d <sub>t</sub>	Managers <u>-</u>
Gross tonnage <u>490</u>	Address <u>-</u>
Net tonnage	Port of Registry <u>London.</u>
Official number	Date of last survey in drydock <u>Built in drydock, floated 12-59.</u>
Signal letters	

## GENERAL DECLARATION

Has the ship been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters? yes.

Have the scantlings and arrangements of the ship as built been checked by you and found to be in accordance with the approved plans or with equivalent arrangements? yes.

Have any modifications and/or additions to the original approved arrangements made during construction, been indicated in ink of a distinctive colour other than red on the approved plans now forwarded, and approved locally as being in accordance with or by standards equivalent to Rule requirements? yes.

If separate plans of midship section and profile and decks showing the ship as built are forwarded, have they been checked with the approved arrangements and found in order? yes.

Are the materials and workmanship satisfactory? yes.

Have the freeboards been satisfactorily marked on the ship's sides and verified? Freeboards not assigned.

**BUILDER'S DECLARATION:** To the best of my knowledge the ship has been built in conformity with the Rules, Regulations and requirements of Lloyd's Register of Shipping.

**CHARRINGTON GARDNER LOCKET (LONDON) LTD.**

John G. Judd Builder's Signature

**FEES, etc.**

Special Survey fee £ 160.0.0

Travelling expenses £ 5.7.0

Late attendance fees

Fees applied for 20 MAY 1960 Received

Classification Certificate to be sent to Owners.

Date of issue Not sent - came to light 1/63. In view Owners ltr 1/2 NO certs - per H.M.S. 7/2/63

Has an Interim Certificate been issued? yes.

This Ship in my opinion is eligible to be classed: — + A1 oil tanker  
 (Special notations where part of class to be stated) FP above 150°F

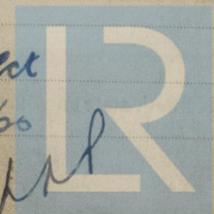
A1. Oil Barge,  
carrying oil FP above 150°F  
River Thames Service.

Signature J. Dodd A. Kirby  
 Surveyor(s) to Lloyd's Register of Shipping

Committee's Minute FRIDAY 17 JUN 1960

Character Assigned + A1  
Oil Tanker - FP. above 150°F  
River Thames Service  
LACP  
DS 12.59

Noted for Header



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**STEEL**

Manufacturer's Name and/or Trade Mark of the steel used in the construction of the ship:—

Plates:— } *Appleby - Trodingham Steel Co.*  
                   } *South Durham Steel and Iron Co.*  
                   } *Dorman Long (Steel) Ltd.*  
 Sections:— *Steel Company of Wales Ltd*

Has the steel been manufactured at works recognised by the Committee and tested in accordance with the Rules? *yes.*

Process of manufacture (e.g. Open hearth, electric furnace, etc.) *open hearth.*

Particulars of Special Quality Steel used —  
 (Advice notes to be forwarded separately with plan showing disposition of these plates)

**ELECTRIC WELDING**

Parts of main structural importance electrically welded *Structure electrically welded throughout except parts of deckhouse.*

Parts examined by radiography *None.*

Were the electrodes used of types approved by the Committee? *yes.*

**FORGINGS, CASTINGS AND FABRICATED PARTS**

ITEM	FORGING, CASTING OR FABRICATED (Certificates to be forwarded)	MAKER'S NAME
Stem bar	<i>Fabricated.</i>	<i>Charrington Gardner &amp; Docket Ltd.</i>
Shaft brackets	—	—
Sternframe	<i>Fabricated.</i>	<i>Charrington Gardner &amp; Docket Ltd.</i>
Rudder mainpiece or post	"	"
Rudder head	"	"
Quadrant	—	—
Tiller	} <i>cast steel</i>	<i>Vickers-Armstrongs Ltd.</i>
<b>CROSS HEAD</b>		

**GENERAL PARTICULARS**

Steering gear (Type & Maker) *Electric-hydraulic X* Auxiliary steering gear *Hydraulic (manual).*  
*Vickers-Armstrongs Ltd.*

Steering chains (Size & test) Windlass (Type & Maker) *Electric-hydraulic X*  
*Vickers-Armstrongs Ltd.*

Ceiling in holds (Material & thickness) — Are cargo battens fitted in holds? *in 'ween decks?*

Parts of bottom plating on which cement or an approved composition is laid (if fitted):— *none.*

Particulars of composition (if any):— —

Insulated cargo compartments (if any):— —

Parts of structure of material other than steel (if any):— —

If mechanical ventilation is fitted, state in which cargo spaces:— —

If cathodic protection is fitted, state in which tanks:— —



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EQUIPMENT

Number 6972

Letter (S)

ANCHORS

Certificate No.	Anchor	Weight of Anchor		Weight of Stock (if any)	Test per Certificate		Rule weight	Description of Anchor	Where and when tested
		lbs.	kgs.		lbs.	kgs.			
85657	Bower (1)	707	11		970	21	4 3/8	Stockless	Cradley Heath 31 <sup>st</sup> March 1959 H.P.
	" (2)								
	" (3)								
	Coll. wt.								
	Stream								

CHAIN CABLES

Number of Certificate	Supplied		Test per Certificate		Weight of Chain Cable						Rule	Description and Material	Makers of Cable	Where and when tested		
	Length	Dia.	Stat.	Bkg.	Supplied			Rule							Length	Dia.
					Fms. or metres	Ins. or m/m.	Tons or kgs.	Cwts. or lbs.	Qrs. or kilog.s.	lbs.						
6773	60	1 1/16	28	442	6	35	1	17	3 1/2	60	1 1/16	S.A.	British Steel	Cradley Heath	28 <sup>th</sup> March 1959	
	1	1	1	1											H.P.	

Are joining shackles of the lugless type fitted?

TOWLINE AND MOORING ROPES

CAST STEEL ANCHOR HEAD DROP TEST

Item	Supplied		Breaking Test	Rule		Maker's Name	Certificate number	Weight (to include pins, etc.)	Surveyors' Initials	Date of Test
	Length	Circ.		Length	Circ.					
						Bower (1) <i>The Washington Steel Foundries Ltd.</i>	5394	4-3-0	H.P.	31.3.59
						" (2)				
Towline				15	6 1/2"	" (3)				
Mooring						Stream				
Ropes										

PARTICULARS FOR REGISTER BOOK (feet & inches)

Moulded length (see Key to Register Book) 149'-8" Moulded breadth 32'-6" Moulded depth 10'-6"

Number and material of decks 1 steel

Length of Poop - R.Q.D. - Bridge - Fo'cle - Trunk 66'-6" (FR 34/72)

Overall length 163'-3" Extreme breadth 33'-7" (over belting) Rise of floor 11"

Is ship of O.S.D. Type? No. Is ship of C.S.D. Type? No. Is duct keel fitted? No.

Is longitudinal framing fitted? (state where) No.

Is strengthening for navigation in ice fitted? (state class) No.

Is additional strengthening for heavy cargoes fitted? No.

Is the ship (if not a motorship) fitted for the carriage and burning of oil as fuel? -

Is the ship (if not an oil tanker) fitted for carrying oil as cargo? - and if so state where, together with the flash point where required to be inserted in the notation: -

Watertight and/or Oiltight Bulkheads (state number required by Rules) 4

Bulkheads in ship extending to Upper deck on frame numbers: 10-34-36-48-60-71-72-86 Total = 8

Bulkheads in ship extending to deck below upper deck on frame numbers: - Total = -

Is E.S.D. fitted? No. Is Radar fitted? No. Is Position Fixing Device fitted? No.

Is D.F. fitted? No. Is Gyro Compass fitted? No. Is Submarine Signalling apparatus fitted? No.

CAPACITIES OF TANKS (35 c.f. per ton) (Capacity Plan to be forwarded)

(O.F. or F.W. ONLY to be inserted against tanks used exclusively for oil fuel or fresh water)

Double bottom tanks:— No. 1 — No. 2 — No. 3 — No. 4 — No. 5 — No. 6 —  
 No. 7 — No. 8 — No. 9 — No. 10 — No. 11 — No. 12 —  
 Fore peak tank 20 Tons ✓ After peak tank 14.25 Tons Port ✓ 14.25 Tons Starboard ✓ Midship deep tank —  
 Deep tank aft — Deep tank fwd. 28 Tons Port ✓ 28 Tons Starboard ✓ Topside tanks Frames 25/27 Port side 2.5 Tons F.W.  
 Tanks at sides of tunnel — Tanks in way of tunnel — Deck tanks Frames 31/34 2 Tons F.W.  
 Side tanks Frames 29/34 7 Tons Port ✓ 7 Tons Starboard } OF Wing tanks Frames 82/86 10 Tons Port ✓ 10 Tons Starboard } FW  
 Other tanks Frames 26/31 3 Tons Port ✓ 3 Tons Starboard } FW  
 If ship is an oil tanker state the numbers of main cargo tanks used exclusively for water ballast (if any) with capacities:— none.

GENERAL REMARKS

Names and yard numbers of sister or similar ships to be stated below. Numbered list of "Approved" and "As Built" plans to be given below or furnished separately (Port, Report Number, Builders' Name and Yard Number, Name of Ship and title of plan in English to be stated on outside of all plans folded to a maximum size of 11" x 9". List of forging, casting or equivalent fabricated parts, certificates to be given below with Certificate number, Port and Date.)

The following approved plans forwarded with this report:

- 1 General Arrangement.
  - 2 Steelwork plans.
  - 3 Scantling sections.
  - 4 Steelwork plan, bulkheads.
  - 5 Engine and Gearbox seatings.
  - 6 Rudder and sternframe arrangements.
  - 7 Deckhouse steelwork.
  - 8 Wheelhouse steelwork.
  - 9 Steering gear and capstan steelwork.
  - 10 Cargo suction and delivery lines and tank venting.
  - 11 Arrangements for masts and rigging.
  - 12 Cargo tank hatches.
  - 13 Cargo heating coils.
  - 14 Tiller.
  - 15 Crosshead for steering gear.
  - 16 Tiller Certificate.
  - 17 Crosshead Certificate.
- } These items are embodied in attached Certificate C35649.

SPECIAL FEATURES