

## STEEL STEAMER OR MOTORSHIP.

Received at London Office

AUG 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 31st. July 1945 Port of LISBON No. 4070

Survey held at LISBON Date First Survey 28 th. March 1944 Last Survey 31 st. July 1945

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Motor Trawler "JOÃO ALVARES FAGUNDES" (Mach. aft.)

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

State Type of Erections Poop &amp; Forecastle.

TONNAGE under Tonnage Deck ... 1010.55

CLASS +100A1

State if with freeboard as condition of Class No M.

Built at Lisbon

Launched 12th. May 1945 Yard No. 117

Builders Cia. União Fabril

Owners Soc. dos Armadores do Bacalhau

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

Residence Lisbon

Port of Registry Lisbon

If surveyed while building, afloat, or in dry dock

Building, afloat and in dry-dock.

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

Total

Gross Tonnage 1270.33

Register Tonnage 656.81

REGISTERED DIMENSIONS. FEET

Length 66.05 M. = 216.7 Ft.

Breadth 11.03 M. = 36.2 Ft.

Depth 5.00 M. = 16.4 Ft.

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

Breadth (greatest moulded)

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

1st Longitudinal Number (L x D) 3927 = 364.8

2nd Numeral L x (B + D) 115083 = 1069

Framing Depth "d," at middle of length. See Sec. 3 (1d)

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

Do. Long Bridge to top of keel

Draught Moulded 5.03

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	M.M. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		M.M. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	590 ✓		Bracket Floors, Frame [C]	160 65 10/7.5 ✓	
" " from 1/2 length amidships to Collision bulkhead.....	455 ✓		" " Reversed Frame [C] ✓	160 65 10/7.5 ✓	
" " in peaks.....	F.455 A.590		" " Vertical Struts.....	400 x 7.5 flanged ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	840 x 10 ✓	
Frame Amidships, Angle [C] or [F].....	160 65 10/7.5 ✓		" " top Angles.....	75 75 10 ✓	
" " Extends up to.....	Upper deck ✓		" " bottom Angles.....	Welded to bar keel. ✓	
Reversed Frame Amidships, Angle [C] or [F].....	-		Side Girders, No. each side and thickness.....	One at 7.5 ✓	
" " Extends up to.....	-		Margin Plate depth (excl. of flange) and thickness.....	Level tank top. ✓	
Depth of Framing Girder.....	160 ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem.....	-	
Frames in Uppermost Continuous 'tween Decks, Angle, [C] or [F].....	-		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area.....	Welded to shell. ✓	
" " Second 'tween Decks, Angle, [C] or [F].....	-		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	-	
" " Third.....	-		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area.....	-	
" " from 1/2 len. for'd. to 15% len. from Stem [C] Ford. Fr. 86 ✓	180 70 11/8 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	1230 ✓	
" " in Peaks, [C] ✓	F.180 70 11/8 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	A.160 65 10/7.5 ✓		Breadth and thickness of Middle Line Strake.....	1400 x 9 ✓	
State if Frame Joggled.....	no ✓		Thickness of remainder in Holds.....	8 to 7.5 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and as approved?.....	yes ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E & B. zone and framing in Bunkers and Boiler Room?.....	As approved.	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and as approved?.....	yes ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [C] or [F].....	180 70 11/8 ✓	
Floors, Depth and thickness at mid-line in Holds.....	-		" " in way of Bridge, Angle, [C] or [F].....	-	
Height of Brackets at side above base line at toe of frame.....	-		Spacing.....	Every frame. ✓	
Middle Line Keelson, on Floors, Angles, [C] or [F].....	-		Second Deck, amidships, Angle, [C] or [F].....	-	
" " Through Plate or Inter-costal Plate.....	-		Spacing.....	-	
" " Foundation Plate on Floors.....	-		Third Deck, amidships, Angle, [C] or [F].....	-	
" " Flat Plate Keel Angles.....	-		Spacing.....	-	
Side Keelsons, No. each side.....	-		Fourth Deck, amidships, Angle, [C] or [F].....	-	
" " thickness of Inter-costal Plate.....	-		Spacing.....	-	
" " Angles.....	-		Poop Deck, Angle, [C] or [F].....	130 90 10 ✓	
DOUBLE BOTTOM.			Spacing.....	590 ✓	
Solid Floors, thickness and spacing.....	7.5 at 2360 ✓		Bridge Deck, Angle, [C] or [F].....	-	
" " Are Frame and Reversed Frame joggled?.....	no ✓		Spacing.....	-	
Bracket Floors, breadth and thickness at middle line.....	650 x 7.5 flanged ✓		Forecastle Deck, Angle, [C] or [F].....	160 65 10/7.5 ✓	
" " breadth and thickness at margin plate.....	1100 x 7.5 " ✓		Spacing.....	455 ✓	



	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 .....	Two ✓		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          "                 "	100 at 2360 ✓		Thickness of Plating within line of openings....	-
"                 "	-		If Sheathed, material and thickness .....	-
Centre Line Bulkhead. Stiffeners and Spacing .....	-		Third Deck. Stringer Plate, breadth and thickness .....	-
Plating, thickness of .....	-		If Plated, state thickness .....	-
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	1200 x 11 ✓		Fourth Deck. Stringer Plate, breadth and thickness .....	-
"      "                 "                 "    in way of Bridge	-		If Plated, state thickness .....	-
"      Angle in Wells .....	75 75 11 ✓		Poop Deck. Stringer Plate, breadth and thickness .....	7.5 ✓
Thickness of Plating abreast Deck openings } in way of Wells .....	7.5 ✓		Plating, Sheathing, material and thickness ...	6 Portg. Pine 65
Thickness of Plating abreast Deck openings } in way of Bridge.....	-		Bridge Deck. Stringer Plate, breadth and thickness .....	-
Thickness of Plating within line of openings... 7.5 ✓			Plating, Sheathing, material and thickness ...	-
If Sheathed, material and thickness.....	Portg. Pine 65 ✓		Forecastle Deck. Stringer Plate, breadth and thickness .....	7.5 ✓
Second Deck. Stringer Plate, breadth and thickness in Wells	-		Plating, Sheathing, material and thickness...	6 Portg. Pine 65 ✓

SCANTLING.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			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.	
Garboard	1600	13.5	12.5	12.5		Double	3/4	3	Three	7/8	3 1/8	Strapped
Elst Plate Keel												
" Dblg. (if any)												
Bottom Plating, No. of Strakes	12		8 1/2	11		Double	3/4	3	Two	5/8	2 5/8	Lapped
Bilge Plating, No. of Strakes	12		18	11		"	"	"	"	"	"	"
Side Plating, No. of Strakes	12		18	11		"	"	"	"	"	"	"
Upper Deck, Sheer-strake in Wells	1200	14.5	11	11		"	"	"	Three	7/8	3 1/8	"
Upper Deck, Sheer-strake in Bridge												
Strake below Sheer-strake in Wells	12		15	11		Double	3/4	3	Two	3/4	2 5/8	Lapped
Strake below Sheer-strake in Bridge												
Poop Side Plating				7		Single	5/8	2 1/2	One	5/8	2 1/2	Lapped
Bridge Side Plating												
Forecastle Side Plating						Single	5/8	2 1/2	One	5/8	2 1/2	Lapped

& O.T.  
 Total No. of W.T. BULKHEADS in Vessel—  
 Extending to Upper Deck (Sec. 3 c) **Nine** incl 2 cofferdam Bkds.  
 „ Deck next below —  
 As per ~~Revised~~ **Approved** **Nine**

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....	Rolled	190x57 ✓		
STEM .....	"	190x41 ✓		
STERN FRAME {	Propeller Post Casting	200x125 C.U.F. L1		
{	Rudder " "	As approved.		
Speed of Vessel .....	11 Knots	✓		
RUDDER—Type .....	As approved			
" A × D .....	480	169		
" Diam. of head .....	Forging 190	C.U.F. Lis.		
" Mainpiece at top pintle {	Plates and angles as			
" " heel {	per approved plan.	✓		
" how constructed .....	10.5	✓		
" double or single plate coupling, vertical or horizontal	Vertical.	2		

angle  
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Stated open hearth  
Material is of German supply and has been tested at this port. The results of the tests  
approved as per Secretary's letter dated 11/5/44  
Has the Steel been tested as required by the Rules? provided with G.L. Certificate

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.					lbs.
14934	1st Bower	22	3	33				23	6	0	0	✓ 19 23 1/2	Powell stockless Atlantic	Philadelphia Pa.	
14935	2nd "	23	0	11				23	6	0	0	✓ 19 22 1/2	" "	steel	24/5/45
14936	3rd "	22	8	34				23	6	0	0	✓ 19 22 1/2	" "	Castings Co.	J.K.Helms
	Collection weight Sledge	69	0	2 1/2								64 + cwts. 64 1/2			
14943		5	0	13				9	0	0	0	✓ 8 1/2 (ex stock)	Old style kedge	do	do do 12/6/45

## HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.	Description.	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.				
	Length.	Diam.	Status.	Break- ing.	Supplied.	Per Rule.						Length.	Diam.		Fathoms.	Inch.	Fathoms.	Inch.	Fathoms.
2266	Fathoms	Inch.	✓	40	58.7	254.3.23	242	210	1½	Stud link chain Wrk	Philadelphia 7/5/45 J.K.Helms.	TOWLINE	60	2½	✓	10.8	60	rope	6
												HAWSEERS & WARPS }	60	6	✓	-	60	6	
	</																		

Steering Gear, Type (Power or hand) Electric Hydraulic - Hastie. Alternative Means of Steering Hand gear on Poop.

Steering Chains (Size and Test) - Windlass Electric Boats Two-6.1x2x0.81 M.

Ceiling in Holds, thickness and material 50 m/m. Portg. pine. Close ceiling

Cargo Hatchways.—(Upper Deck) Steel angles and plates. Cargo Battens, thickness, material and spacing 35m/m. Portg. pine.

Thickness of Hatches Steel 7.5 mm.

Size of Hatchways No. 1 (Fwd.) 2360x1800 No. 2 2360x1800 No. 3 2360x1800 No. 4 2360x1800 No. 5 - No. 6 -

Number of Shifting Beams and/or Fore and Afters None

*Builder's Signature.*

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. —  
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. no 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).

This vessel has been built in accordance with the approved plans, the Secretary's letters of various dates and in conformity with the Society's Rules for the Class contemplated. ✓

The workmanship and materials are good. ✓ The double bottom tanks, peak tanks, oil fuel tanks, decks and bulkheads have been tested in accordance with the Rules and found satisfactory. ✓ Oil Fuel Flash point above 150° F. is carried in deep tanks forward and aft of the fish hold, separated therefrom by cofferdams, Section 18 of the Rules has been complied with. ✓

The freeboards have been verified and the marks cut in on the vessel's sides. ✓

The windlass and steering gear have been tried under working conditions and found satisfactory. ✓

The ~~stream~~ <sup>Ketchikan</sup> anchor supplied is under weight and the owners state one of correct size will be placed on board at the first opportunity. ✓

The midship section as built has already been forwarded and the approved plans have been retained in this office in accordance with the usual practise. ✓

The amount of Entry Fee..... Esc:- £ 550\$00  
Testing steel Esc:- 2200\$00  
Special Survey Fee..... Esc:- 21000\$00  
Freeboard Esc:- 1155\$00  
Travelling Expenses, if any & cables Esc:- 450\$00

Fees applied for, 1st Aug. 1945  
Received by me, 19

I am of opinion the Vessel should be Classed +100A1 Motor trawler  
Strengthened for navigation in ice.  
subject to stream anchor being supplied 1st. opportunity.

State whether the Vessel has been built under Special Survey Yes  
Certificate to be sent to Lisbon Office  
Date of issue 21/11/45  
Signature  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute  
Character assigned +100A1 Motor Trawler  
7.45 kts. Lloyds A.C.P.  
+ LMC 7.45 Oil Eng.



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.)

Stern Frame & Rudder Head certificates attached.

PARTICULARS OF ELECTRIC WELDING (if employed) Tank top welded to shell and items of minor importance.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Trawler, Strengthened for navigation in Ice, Wireless D.F. E.S.D. Cruiser stern Lloyd's A & C P. Pt. Cem.

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

1st Bower 1868 - 5,24,45 - J.K.H.  
2nd „ 1892 - 5,24,45 - J.K.H.  
3rd „ 1872 - 5,24,45 - J.K.H.

Note:— No drop test certificates were attached to the Anchor test certs. & the marks as given were taken from the anchors.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 22.1 ft., R.Q.D. — ft., Bridge — ft., Forecastle 46 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. Signal Letters Extreme Breadth over Belting 36.84 Over-all Length 233.25  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 Dk. (Stl.) Wood sheathed.

Parts of Bottom of Vessel coated with cement or approved composition Peaks and Double bottom tanks.

Particulars of composition (if fitted) and of approval

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.)

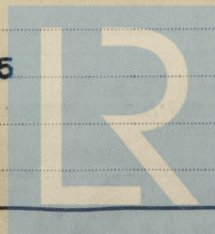
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft.	89	170	Fore peak tank,		40
Double bottom, under Engines and Boilers,	—	—	After peak tank,		14
Double bottom, if under Engines only,	—	—	Deep tank, aft, Oil Fuel	15.0	140
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	9.0	216
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.

Date 4/4/44

Dates of Surveys held while building

28th. March 1944 to 31st. July 1945



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Total No. of Visits 113