

IN D.O.

Received at London Office. 5 - MAY 1947

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

No. 4825

Last Survey 16th March

(Type EC2)

Full Scantling.

State Type of Erections

State if with freeboard } **No**
as condition of Class } -----

Built at Portland, Oregon

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

FEET.

Launched 1943

Yard No. 737

total

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

56.9

Builders Oregon Shipbuilding Corp.

Gross Tonnage

7176

1st Longitudinal Number (L x D).....=15594

Owners Stefano Steffi Neryondani &

Register Tonnage

4380

2nd Numeral $L \times (B + D) \dots\dots\dots = 39363$

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

REGISTERED DIMENSIONS.
FEET.

Framing Depth "d," at middle of length. See } 24.9
Sec 3 (1d) }

Residence

ngth

4778

Proportions—*Depth to Length* — Uppermost con- } 11.2

Port of Registry.....*Bombay*

eadth

57.0

Do. Long Bridge to top) —

If surveyed while building, afloat, or in dry dock

enth

348

of reel) (27'-8")

Afloat and in dry dock.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
RAMES, Spacing amidships.....	30 ✓		Bracket Floors, Frame	-	
" " from 3/4 length amidships to Collision bulkhead.....	27 ✓		" " Reversed Frame	-	
" " in peaks	24 ✓		" " Vertical Struts	-	
DE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2 54 46	
Frame Amidships, Angle, [or]	12 4 40 lbs. ✓		" " top Angles	} C.G. Welded to shell and inner bottom. ✓	
" " Extends up to	2nd Deck ✓		" " bottom Angles		
Reversed Frame Amidships, Angle.....	-		Side Girders, No. each side and thickness.....	1 38	
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	54	
Depth of Framing Girder.....	12 ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle [or]	6 3 1/2 18 lbs. ✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or]	8 3 1/2 21 1/2 lbs. ✓ (No 1 Hold)		" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " " " "	-		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area.....		
" " from 1/2 len. forward to 15% len. from Stem Channel.....	10 3 1/2 23 1/2 lbs. ✓		in No 1 Hold.		
" " Fore Peak Aft Peak.....	8 3 1/2 20 lbs. ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	86 44	
" " Aft Peak Aft Peak.....	8 3 1/2 16 lbs. ✓				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 - 5/8 5 1/4 Rule.		INNER BOTTOM PLATING.		
Is the Frame Joggled	No ✓		Breadth and thickness of Middle Line Strake.....	60 56 44	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	As Submitted. ✓		Thickness of remainder in Holds	58 in Boiler space ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	As Submitted ✓		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?	54 44	
DOUBLE BOTTOM.				58 in Boiler space ✓	
Floors, Depth and thickness at mid-line in Holds			As Submitted. ✓		
Height of Brackets at side above base line at toe of frame					
Middle Line Keelson, on Floors, Angles, [or]					
" " Through Plate or Intercoastal Plate.....					
" " Foundation Plate on Floors					
" " Flat Plate Keel Angles					
Double Keelsons, No. each side					
" " thickness of Intercoastal Plate....					
" " Angles					
DOUBLE BOTTOM.				BEAMS.	
Solid Floors, thickness and spacing	44 30		Uppermost Continuous Deck, amidships	7 4 44	
" " Are Frame and Reversed Frame joggled?	47 in Boiler space ✓		inverted in Wells, Angle [or]	-	
Bracket Floors, breadth and thickness at middle line	Floors E.W. to shell and inner bottom. ✓		" " in way of Bridge, Angle, [or]		
" " breadth and thickness at margin plate			Spacing	on every frame. ✓	
			Second Deck, amidships, Angle, [or]	8 4 44	
			Spacing	on every frame. ✓	
			Third Deck, amidships, Angle, [or]		
			Spacing		
			Fourth Deck, amidships, Angle, [or]		
			Spacing		
			Poop Deck, Angle, [or]		
			Spacing		
			Bridge Deck, Angle, [or]		
			Spacing		
			Forecastle Deck, Angle, [or]		
			Spacing		

[illegible]

SCANTLINGS.						EDGES.		RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	State if jogged?	Rivets.		No. of Rows of Rivets	Rivets.		STAP LAPS	
	AMIDSHIPS.		FORWARD.	AFT.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.		Spacing cr. to cr.
	Breadth.	Thickness.	Thickness.	Thickness.									
	Inches.	Inches.	Inches.	Inches.									
FLAT PLATE KEEL	60	.88	.88	.88									
" DBLG. (if any)	-	-	-	-									
BOTTOM PLATING, No. of Strakes 3	D C	.64	.70	.54									
BILGE PLATING, No. of Strakes 1	D E	.64	.70	.58									
SIDE PLATING, No. of Strakes 3	E F G	.63	.58	.45									
UPPER DECK, Sheer-strake in Well	80	.70	.58	.45									
UPPER DECK, Sheer-strake in Bridge	-	-	-	-									
STRAKE BELOW SHEER-strake in Well	80	.63	.58	.45									
STRAKE BELOW SHEER-strake in Bridge													
POOP SIDE PLATING													
BRIDGE SIDE PLATING.....													
FORECASTLE SIDE PLATING													

All seams and butts electrically welded.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel— 7 ✓
 Extending to Upper Deck (Sec. 3 c) _____
 " Deck next below 1 (Deep Tank Blvd at Fr. 116)
 As per Rule 7

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
<i>Bulkhead 88</i>		25-	0.A. 1m. ✓			
MIDSHIP BULKH'D, Upper tween decks		28 ✓	4x3½x31		30"	
"	Second	-				
"	Third	-	I section		30"	
"	Holds	31- 44	15x5½x 423lbs			
		38- 50	7x4x 38		24"	
COLLISION	(in Hold)	31- 38	7x4x 38		24"	
AFTER PEAK						

	Casting or Forging.	Scantlings.	Maker's Name.	Any other Particulars from Plans to be observed.
KEEL , Bar	{	M.S.	87	fashionable
STEM		M.S.	10x3	Flat Bar.
		C.S.	Shaped	
STERN FRAME {	Propeller Post	C.S.	25	approved
	Rudder	-		
Speed of Vessel		Not exceeding 12 knots		
RUDDER—Type		Can't guide.		
" A X D			9 1/2	
" Diam. of head				
" Mainpiece at top pintle			16" O.D. x 1" thick built in	
" " heel			10" diam. C.S. bottom plate	
" how constructed			Fabricated and welded	
" double or single plate			43 Double	
" coupling, vertical or			Horiz.	
" horizontal			6-7 3/4 dia.	

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).....
To the requirements of the American Bureau of Shipping. ✓

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

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.
		Gross lbs.	Gross lbs.	4000 lbs.	Cyts.			
15270	1st Bower....	83 1/8	84 1/8	127 1/2	68 1/2	Baldt	Baldt	Philadelphia 25-2-1907 J. H. Helms
15272	2nd "	No certificates available				-	-	
15271	3rd "	83 1/8	84 1/8	127 1/2	-	-		
	Collective Weight.	250 3/8			194 1/2			
213063	Stream "	31 3/5	Less.	61720	19 1/2			

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per 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.	Statur.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Fathoms.	Ins.
478	150	2 1/2	243	330			270	2 1/2	Meng. Steel Stud Link.	Pac. Chain Mfg. Co., Portland	Portland Ore. 7-8-43 A.B. Surveyor.	TOWLINE				120	4 3/8
See Bond & Rec. 8513	120	2 1/2	361	530	-	C.S.			"	"	"	HAWSEERS & WARPS				2 x 90	8
on Stream Chain or Steel Wire	90	5	No certificate available.					90	5			"				2 x 90	7

Steering Gear, Type (Power or hand) Steam Steering Gear (Telemotor) Alternative Means of Steering Blocks and F.S.W.R. to warping winch.
 Steering Chains (Size and Test) - Windlass Stream - Hesseersted Boats 4 Plywood Boats
Iron Works N° 663 Boats 22'0" x 7'5" x 3'17"
(2 motor driven)
 Ceiling in Holds, thickness and material 2-2 7/8" in many of hatches (see Rpt 2) Cargo Battens, thickness, material and spacing 6" x 2" fir - 9" clear.
 Cargo Hatchways, (Upper Deck) Steel plates and angles E.W. Thickness of Hatches 2 5/8"
 Size of Hatchways No. 1 (Fwd.) 33'9" x 20' No. 2 35' x 20' No. 3 20' x 20' No. 4 35' x 20' No. 5 35' x 20' No. 6 -
 Number of Shifting Beams N° 1, 2, 4 and 5 each have 6. N° 3 Hatch - 3
 and/or Fore and Afters

Builder's Signature.

GENERAL DECLARATION. It should be stated (if not a motorship) is fitted for the carriage and burning of oil used as fuel. **Yes** ✓
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. **Yes** ✓. 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 was originally built under special supervision of the Surveyors to the American Bureau of Shipping and was classed with that Society.
Seamantlings and arrangements have been examined where exposed and found to be in accordance with the submitted drawings.
The Special Survey for Classification has now been completed (see Rpt 8) and the vessel's condition and standard of workmanship is considered good and satisfactory.
Oil can be carried as fuel in Nos 1, 2, 3, 5 and 6 D.B. tanks and fuel or cargo oil can be carried in the No 3 Deep Tank, (b+s); F.P. above 150°F (see Rpt 8).
Particulars of the vessel's equipment were taken from the endorsed test certificates issued by the American Bureau of Shipping. ✓

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 List of the Plans should be embodied.)

This ship is of the EC2 type built by Oregon Shipbuilding Corp., Portland, Oregon.

The following Plans are attached:-

Midship Section	-	Desg. N ^o	S11- 11- 1
Inboard Profile and Holds	-	"	1-312-S1-3-2
Outboard Profile	-	"	1-312-S1-3-4
Stern Frame	-	"	1-312-S11-8-1
Capacity Plan	-	"	1-312-S29-1-1

The following modifications and reinforcements have previously been carried out:-

- 1 - Hatch corners have been strengthened.
- 2 - Welding of sheer strake butts at top placed in good order.
- 3 - Slots cut in bulwark plating at bulwark plating butts and sheer strake butts.
- 4 - Welding at corners of washports and scuppers placed in good order.
- 5 - Slots cut in bilge keel at bilge keel butts and shell plating butts.

Note:- There is no recess in the sheerstrake for accommodation ladder.
No riveted strap fitted at top of sheer strake.

? reinforcement of door openings in deckhouse recesses.

PARTICULARS OF ELECTRIC WELDING (if employed) Plate Butts and seams of - Inner bottom, margin plate, W.T. and O.T. Bulkheads, shaft tunnel, upper and second deck, shell plating, etc.
Plate butts of - Centre Girder, hatch side girders, etc.
Stiffeners to bulkheads, beams to decks, floors to bottom, tank top and margin plate, margin plate to shell, etc.

SPECIAL NOTATIONS:- Either as part of the vessel's class or for record in the Register Book
Cruiser stern; Gyro Compass; Echo Sounding Device; Direction Finder; Fitted for Oil Fuel, F.P. above 150°
Electrically welded;

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

1st Bower _____
2nd " _____
3rd " _____

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

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated
Official No. 244044 Signal Letters KYAU Extreme Breadth over Belting No belting. Over-all Length 441.5' (Circ. 1703)

No. and Material of Decks Two decks - Steel. Cement in peak tanks. Dry tank cement washed.

Parts of Bottom of Vessel coated with cement or approved composition

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, Nos 5 and 6	135.0	376.	Fore peak tank,	24	1.
Double bottom, under Engines and Boilers, No 4	27.5	136	After peak tank,	24	1.
Double bottom, if under Engines only, C.D.	2.5	-	Deep tank, aft, No 3	20	7.1
Double bottom, if under Boilers only, Dry Tank.	20.0	-	Deep tank, forward, Nos 1 and 2 (Total)	60.75	Gety
Double bottom, forward, Nos 1, 2 and 3	183.25	744	Other tanks, if fitted, O.F. Settling Tanks	20	1ell
Total length (if continuous) and Capacity.	368.25	1256	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. _____

Date _____

Dates of Surveys held while building



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Foundation
Total No. of Visits _____