

Rpt. 1.

RECEIVED

24 JUN 1947

STEEL STEAMER or MOTORSHIP.

Received at London Office.

State if Report has been sent on the Freeboard of the Vessel

No - A.B. of S. Freeboard retained.

State if Report is sent on the Machinery of the Vessel

Yes

Port of

Seattle, Wash.

No.

3684

Date of completion of report

Survey held at Portland, Oregon

Date First Survey March 3rdLast Survey April 1st

1947.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Steel Single Screw Steamer "THEMONI" ex "JOSIAH COHEN" (Type EC2)

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

Full scantling.

State Type of Erections

TONNAGE under Tonnage Deck....

CLASS

100 A1 (contemplated)

State if with freeboard as condition of Class

No

Built at

Savannah, Ga.

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)

417.73

Launched

1944

Yard No.

Builders

South Eastern S.B. Corp.

Total

Breadth (greatest moulded)

56.9

Owners

HARRIS STEAM NAVIGATION CO. LTD.

Gross Tonnage

7198

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

37.33

Managers

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

Register Tonnage

4364

1st Longitudinal Number (L x D)

15594

2nd Numeral L x (B + D)

39363

Residence

CYA. GREECE.

REGISTERED DIMENSIONS.

FEET.

Length

422.8

Breadth

57.0

Depth

34.8

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

24.9

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

11.2

Do. Long Bridge to top of keel

Draught Moulded

27.67

Port of Registry

CYA. GREECE.

If surveyed while building, afloat, or in dry dock

Afloat and in dry dock.

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	30 ✓		Bracket Floors, Frame	-	
" " from 1/2 length amidships to Collision bulkhead	27 ✓		" " Reversed Frame	-	
" " in peaks	24 ✓		" " Vertical Struts	-	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2 x 54-46	
Frame Amidships, Angle, [or]	12 4 40 lbs. ✓		" " top Angles	6" Girder welded to shell and inner bottom.	
" " Extends up to	2nd Deck. ✓		" " bottom Angles	1 - 38 ✓	
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	54 ✓	
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	-	
Depth of Framing Girder	12 ✓		" " Vertical Angle to Tank side	-	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	6 3 1/2 18 lbs ✓		Bracket abaft 1/4 len. from stem	-	
" " Second 'tween Decks, Angle, [or]	8 3 1/2 21 1/2 lbs in No 1 Hold.		" " Vertical Angle to Tank side	-	
" " Third " " "	-		Bracket from forward 1/4 len. from stem to Panting Area	-	
" " from 1/2 len. from 1st to 15th len. from Stem Channel	10 3 1/2 23 lbs ✓		Gussets, spacing and scantling abaft 1/4 len. from stem	cont 12 x 44 knocked.	
" " in Peaks, Angle or [or]	8 3 1/2 20 lbs ✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	cont. 14 x 44 "	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 - 5/8 5 1/2 Rule.		Tank Side Brackets, height above base line at toe of Frame and thickness	86 - 44 ✓	
State if Frame Joggled	No ✓		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Submitted ✓		Breadth and thickness of Middle Line Strake	60 x 56-44	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Submitted ✓		Thickness of remainder in Holds	58 in Br. space	
SINGLE BOTTOM.			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	
Floors, Depth and thickness at mid-line in Holds				58 in Br. space	
Height of Brackets at side above base line at toe of frame				submitted ✓	
Middle Line Keelson, on Floors, Angles, [or]			BEAMS.		
" " Through Plate or Intercoastal Plate			Uppermost Continuous Deck, amidships	7 4 44 inverted.	
" " Foundation Plate on Floors			" " in way of Bridge, Angle, [or]	-	
" " Flat Plate Keel Angles			Spacing	on every frame ✓	
Side Keelsons, No. each side			Second Deck, amidships, Angle, [or]	8 4 44 ✓	
" " thickness of Intercoastal Plate			Spacing	on every frame ✓	
" " Angles			Third Deck, amidships, Angle, [or]	-	
DOUBLE BOTTOM.			Spacing	-	
Solid Floors, thickness and spacing	44 - 30		Fourth Deck, amidships, Angle, [or]	-	
" " Are Frame and Reversed Frame joggled?	47 in Br. space		Spacing	-	
Bracket Floors, breadth and thickness at middle line	Floors E.W. to shell and inner bottom.		Poop Deck, Angle, [or]	-	
" " breadth and thickness at margin plate	-		Spacing	-	
			Bridge Deck, Angle, [or]	-	
			Spacing	-	
			Forecastle Deck, Angle, [or]	-	
			Spacing	-	

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. <i>In Treen decks only - 1 on C^e Line. ✓</i>			Stringer Plate, breadth and thickness in way of Bridge	—	
" in 'tween Decks, Size and Spacing.....	10 10 66 lbs I at hatch ends		Thickness of Plating abreast Deck openings in way of Wells	50 — .34	
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge	—	
" in Holds " " }	C ^e Line Bulkheads.		Thickness of Plating within line of openings..	.34 ✓	
" " " " " "			If Sheathed, material and thickness.....	not sheathed	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing..... <i>Channel</i>	8 3½ 21.4 lbs on alt. frames.		Stringer Plate, breadth and thickness.....	—	
Plating, thickness of.....	31 ✓		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	55 × 71 — 52		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 Wells75 — .36		Plating, Sheathing, material and thickness.....		
Thickness of Plating abreast Deck openings } in way of Bridge	—		Bridge Deck.		
Thickness of Plating within line of openings..	.40 — .36		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	Not sheathed		Plating, Sheathing, material and thickness.....		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	56½ × 40		Stringer Plate, breadth and thickness.....	—	
			Plating, Sheathing, material and thickness.....		

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

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

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	✓ 25-28	0.A. INV ✓ 4" x 3½" - 31"	30"		
" " Second "	-				
" " Third "	-				
" " Holds	31-44	I section 15 x 3½ x 42	30" 9 lbs		
COLLISION " (in Hold)	38-40	7 x 4 x 38	24"	0.A. INV.	
AFTER PEAK " "	31-38	6 x 4 x 38			

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar		Flat plate keel.		
STEM		MS plate and flat bar C.S. shaped		
STERN FRAME	<div> <div>Propeller Post</div> <div>Rudder</div> </div>	C.S.	✓	
Speed of Vessel.....				
RUDDER—Type		Contra guide.	✓	
" A × D		FS. 9 1/2	✓	
" Diam. of head				
" Mainpiece at top pintle		1/6" O.D. × 1" thick built in rudder		
" " heel		10" dia. C.S. bottom pintle		
" how constructed.....		Built and E. W.		
" double or single plate		Double plate 1.43		
" coupling, vertical or horizontal		Horizontal 6 2 1/4 d. bolts		

STEEL.

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?

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.)

This vessel is of the EC2 Type as built by Southeastern S.B. Co. Ltd, Savannah, Ga. and is a sister vessel to S.S. "PIONEER" (ex. "Gideon Wells"), New York Rpt. 47542

For particulars required to complete this Report, see Report 8 under heading "To Complete Special Survey"

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 at shell plating butts ✓
- 6 - 18" x 50" D.R. strap fitted on upper deck for 9/16 amidships clear of line of hatches.

? Door opening in deckhouse recess.

PARTICULARS OF ELECTRIC WELDING (if employed)

Electric Welding employed throughout except side framing riveted to shell.

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

Part electrically welded; Cruiser Stern; Gyro compass, Echo Sounding Device; Direction Finder; Fitted for oil fuel and carrying oil in N° 3 Deep Tank F.P. above 150°F.

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. 246866 Signal Letters KTIW Extreme Breadth over Belting No belting. Over-all Length 441.5' (Circ. 1611) (Circ. 1703)

No. and Material of Decks Two - steel.

Parts of Bottom of Vessel coated with cement or approved composition Peak Tanks cemented ✓

Particulars of composition (if fitted) and of approval —

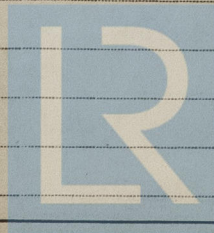
PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, N° 5 & 6	135.0	368	Fore peak tank,	24	134
Double bottom, under Engines and Boilers, N° 4	27.5	136	After peak tank,	24	155
Double bottom, if under Engines only, C.D.	2.5	—	Deep tank, aft, N° 3.	20.1	766
Double bottom, if under Boilers only, Dry Tank	20.0	—	Deep tank, forward, N° 1 and 2 (total)	60.75	648
Double bottom, forward, N° 1, 2 and 3.	183.25	735	Other tanks, if fitted, F.O. settling tanks	20	198
Total length (if continuous) and Capacity	368.75	1239	(If necessary, furnish further information by sketch.)	Not for Records	

Order for Special Survey No. —

Date —

Dates of Surveys held while building



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Total No. of Visits