

new reg as filled in "WILLOW BRANCH"

# THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT

49-49

## Machinery Particulars

Required for Records, Register Book, Classification Certificate, &c.

of the ~~single, triple, twin, quadruple~~ screw M. V. TANKER "SEEKONK"

Shipbuilders East Coast Shipyards, Inc., Bayonne, New Jersey Yard No. 4

Enginebuilders Fairbanks-Morse & Co. Works No. &c.

Boilermakers (Main) Clarkson Vapor Boiler Works No.

" (Donkey) Oil Engine 5 cylinder 16" x 20" single acting Works No.

Description of Propelling Machinery

Boilers: Main No. None SE Cylindrical Multitubular: No. Water Tube. Type. W.P. DE No

t. diameter. Int. length. Heating Surface each. Grate Surface each.

Fuel: ~~Oil~~, Oil, ~~Coal~~ Draught: Natural, Closed Ashpit, Closed Stokehold, Induced. Are Superheaters fitted?

Safety valves No. Diar. Rule diar.

Boilers: ~~XX~~ No. 1 Type Watertube, Vapor Clarkson W.P. 100#

Donkey length height Heating Surface each Grate Surface each

t. diameter. Diesel Oil

Safety valves No. Diar. Rule diar. Fuel

Main Steam Pipes: Material welded, brazed, seamless

Steam Engines: No. of sets None Cylinder diars. Stroke

HP each. at RPM. Total capacity LP cylinder (each engine)

Turbines: No. of sets HP IP LP Turbines on each shaft: Ahead Astern

HP each. at RPM. Astern SHP. Type Impulse reaction

Bearing: Single Double reduction None Speed reduction ratio

Oil Engines: No. of sets 1 of 5 Cylr. ~~2~~ cycle single acting ~~direct~~ reversing. Type Fairbanks Morse Model 37E

yl. diars. 16" Stroke 20" Bearing span 20 Total capacity cylrs. (each engine)

HP each 860 at 300 RPM. Mean Indicated pressure 80 say Max. firing pressure 850 say

Wheel: Weight - tons, Diameter 4 ft. Balance Weights: Total weight at radius of gyration tons at ft.

Starting air reservoirs: No. 4 riveted, seamless, welded. Internal diars. about 28" W.P. 300# capacity each about 23 cub. ft.

Electric Propulsion: No. AC generators volts amps. kW each at RPM

DC motors volts amps. BHP each at RPM

Calculation:  $\frac{3}{16} \times (550 \times 20 + 11 \times 80 \times 20) = 9.45$   $\frac{3}{860 \times 64 \times 145}{300} = 5.96$

Shafting: diars. crank motor 10" thrust same as intermediate 12-1/8" propeller 8-7/8" under liner

Rule diameters. 9.45 shaft 6.0 offset 10" over liner

Propeller: diars. 7' pitch 4.69' surface unknown RPM 300 Tailshaft liner continuous

3 blades SBP at 6' radius

Date of Trial Trip. BHP 860 RPM 300 Knots 10.4

Surveyor's Signature Wm. D. Phelan

NOTE.—This form, completed in respect of preliminary particulars, should be forwarded to the Head Office as soon as possible after the order has been placed.

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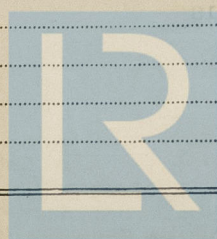
# Particulars of Auxilliary Machinery Ordered by Enginebuilders.

MAKERS		No., DESCRIPTION, SIZE, &c.
Superheater	None	
Evaporator	Soloshell L.P. Distilling Plant	4000 Gal. per day
Feed Heater	The Griscom-Russel Co. New York	
„ Filter	None	Main Engine
Air Compressors	Quincy and Fairbanks Morse	Quincy Independant
„ Reservoirs	one Crocker-Wheeler - Belt Driven from main engine flywheel	
	two Fairbanks Morse	
Dynamo	No. 3	volts 120 amps 993 Total kW
„ Engine	two Fairbanks Morse 8 cylinder oil engine 4 cycle	
Electric Auxiliaries		
Cargo Pumps	Waterous Co., St. Paul, Minn.	Two Rotary pumps.

# Particulars of Materials—Plates, Pipes, Forgings, and Castings.

Boilers and Air Reservoirs	MAIN		AUX. OR DONKEY
Makers of Plates (Shell) -			
„ „ (Flanging) -			
„ „ (Furnace) -			
„ Stay Bars -			
„ Rivets -			
„ Tubes -			
„ Furnaces -			

\* I—Scrap Iron ; S—Scrap Steel ; IS—Ingot Steei ; CS—Cast Steel ; BI—Bar Iron.



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ITEMS WHICH ARE SUBJECT TO MATERIAL TESTS