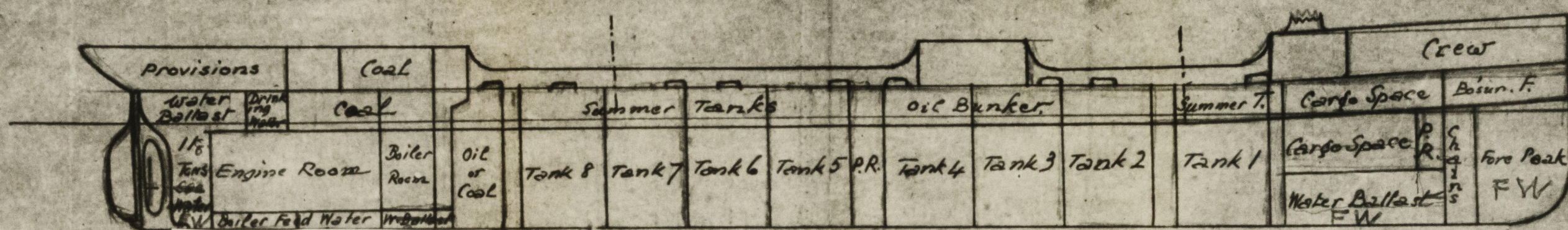


4 FEB 1948

# s/s "Rudolf Albrecht"

## Tanker of 5737 T. DWT.



### Oil Tank Capacities

Tank	Frame	Cubic m.	Cubic feet.
I Port	144-159	341 ea.	ea. 120414
I Stbd.			
II Port	133-145	346.5 ea.	ea. 12238
II Stbd.			
III Port	121-133	346.5 ea.	ea. 12238
III Stbd.			
IV Port	109-121	339 ea.	ea. 11973
IV Stbd.			
V Port	92-104	334 ea.	ea. 11796
V Stbd.			
VI Port	80-92	334 ea.	ea. 11796
VI Stbd.			
VII Port	68-80	333.5 ea.	ea. 11779
VII Stbd.			
VIII Port	56-68	333 ea.	ea. 11762
VIII Stbd.			
		5415 cbm	191,252

### Summer Tanks.

Port	145-159	57 ea.	ea. 2013
Stbd.			
Port	92-109	82.7 ea.	ea. 2921
Stbd.			
Port	68-92	120.5 ea.	ea. 4250
Stbd.			
Port	46-68	110.5 ea.	ea. 3903
Stbd.			
		741.4 cbm	26,186

Total Capacity: 6156.4 cbm. 217,438 cbft.

### Water Ballast.

Forepeak ..... 3284 cbft. - 92  
 Afterpeak ..... 4238 cbft. 118  
 Tank, frame 161-176 .... 7663 cbft. 214  
 " " 33-44 .... 1907 cbft. 53  
 " " ..... 17092 cbft.

Feed Water Tank Frame 8-33 2472 cbft. 69  
 Drinking " " 13-18 742 cbft. 20

### Main Engines.

Type: Triple Expansion Superheated Steam Engine  
 Cylinder diameter:  $\frac{HP}{MP}{LP}$   
 $\frac{111\frac{1}{2}}{3'2\frac{1}{2}}{5'2}$

Piston Stroke: 3'5 $\frac{1}{2}$ " R.P.M. 75.

Output at 58% filling ..... 1450 I.H.P.

Cylinder constants:  $\frac{HP}{MP}{LP}$   
 (Piston rods) 1.278 3.407 9.062

Speed, at 59% filling & laden ..... 10.5 knots.

Fuel Consumption per 24 hrs. at 7800 Th.U.

including necessary auxiliary engines: 21.92 TONS

Oil Consumption, do. do. 116/1.H.P.

Propeller: Cast Iron, monobloc.  
 4 blades 15'1 $\frac{1}{2}$ " dia., 15'3 $\frac{1}{8}$ " pitch

### Boilers.

Number: 2 main and 1 auxiliary boiler

Type: Cylinder head, each having 3 fire doors

Overall length: 12'1 $\frac{1}{2}$ " Ins. Diam: 14'5 $\frac{3}{8}$ "

Heating Surface, each 2421 sq.ft. Grate area: 55.5 sq.ft.

Steam Pressure: 14 Atm. Superheater area 1076 sq.ft. each

Auxiliary Boiler: Overall length: 10'10"

Inside Diameter: 11'2"

Heating surface: 1295 sq.ft. Grate area: 32.5 sq.ft.  
 Steam Pressure 14 Atm.

### Oil Bunkers.

Location	Frame	cbft.	Tons	Tons/s
Transv. Bunker Port	46-54	each	168.5	165.4
" " Stbd.		7151	168.5	165.4
Summer Tank Port	109-133	each	95.1	93.6
" " Stbd.		4047	95.1	93.6
" " Port	133-145	each	48.5	47.7
" " Stbd.		2066	48.5	47.7
Total Capacity:		26528	624.2	613.4

Length, overall 390' 6"  
 " , betw. perpend. 377' 6"  
 Breadth, moulded, 45' 7"  
 Depth, to main deck 25' 4 $\frac{1}{2}$ "  
 " to tank deck 17' 6"  
 Draft on summer freeboard 21' 4 $\frac{1}{2}$ "  
 Reg. Tonnage: Net 1993  
 Gross 3847.96  
 Net 2111.47 } Nat. Amer.  
 Gross 3656.37 }  
 Net 2345.98 } Panama  
 Gross 4028.48 }  
 Net 2549.82 Swedish  
 Summer Freeboard... 4' 2"  
 No. of Masts: 2 Height above deck 94'10"  
 " of Derricks: 2 for provisions  
 " of loading booms: 2 for 1 $\frac{1}{2}$  Tons  
 8 for 3 "  
 Steam winches 4 150/250  
 Mooring " 1 150/300  
 Steam Anchor Winch 1  
 Wireless Telegraphy  
 Electric Lighting  
 Steam Heating Plant  
 Code Letters D.H.U.I

### Coal Bunkers

Location	Frame	cbft.	Tons	Tons/s
Under Poop p	29-50	3983	90.24	88.8
" " Stbd.		3983	90.24	88.8
" main deck p	23-44	3383	76.60	75.4
" " Stbd.	18-44	4144	93.90	92.5
Transv. bunker p	46-54	6636	150.30	148.
" " Stbd.		6636	150.30	148.
Total capacity		28765	651.58	641.5



BASINASTREAM  
EX EMPIRE TAQINDA

CAPACITY & GENERAL INFORMATION  
AFTER LENGTHENING

SHIP 3.

6  
Capacity & General Information

1/2 BASINASTREAM

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