

Swedish Ship
VARJAFEL
36233.

13298.

5 JAN 1942

36723

Poop, Bridge and Forecastle.

Gothenburg

7th, 9th and 20th of October 1941

M³ TANKLAND

Swedish
Gothenburg

Bertrand Grönqvist

contemplated
carrying Petroleum in Bulk

Hydrol 141.921
447.129 m

19.518 m ✓

10.363 m ✓
18370 m³

7935 ✓

21.5 m ✓
10363
22

8.33 (10385 - 7.461) 20 = +231 m ✓
924 ✓

✓ 10385

18518 m ✓
370 ✓
386 m ✓
Excess = 16 " ✓
 $\frac{16}{4} \times 6437 = -3 m$ ✓

Equiv't	m	m	m	m
✓ 28.684	29063	2286	-	29063 ✓
✓ 29063				
✓ 9950	9950	2286	-	9950 ✓
✓ 4.625				
✓ 11560	11560	2286	-	11560 ✓

35.63 ✓
35.63 ✓
35.63 ✓
Yanker

2290 m ✓

1067 m ✓

26.63 % ✓

✓ 50.573 50.573

50573 ✓

1007 x 2663

= -284 m ✓

SHEAR PORTALION

m	m	m	m	m
✓ 1436	✓ 1436	1016 ✓	1016 ✓	✓ 1016
✓ 2552	✓ 2552	371 ✓	371 ✓	✓ 1484
✓ 320	✓ 320	64 ✓	64 ✓	✓ 128
✓ 638	✓ 638	193 ✓	193 ✓	✓ 386
✓ 5104	✓ 5104	886 ✓	886 ✓	✓ 3544
✓ 2072	✓ 2072	2032 ✓	2032 ✓	✓ 2032
✓ 12922	✓ 12922			✓ 8590

Deficient

Deficient.

✓ $\frac{4332}{16} (.75 - .1782) = +138 m$ ✓
5718 ✓

✓ $2009 \times \frac{7935 + 63}{1.36}$

2009 m ✓
2177 ✓

✓ 10385
✓ 2259
✓ 8126
17046 tons
58.84.

✓ 231
✓ 138
284 ✓
3 ✓
82.3
6.1 m²

✓ 169 m ✓
✓ 116 ✓
285 ✓
7.2 m = 18 m
See end of report

✓ 369 287 + 82
2259 m ✓

9 JAN 1942

✓ 353 m
✓ 184
✓ 169
✓ 169
✓ 285



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Lloyd's Register
Foundation

1927
1928
1929

Upper deck				Poop deck		
To fore peak	To dry cargo hold	To cargo tanks	To fore-castle	To stores	To steering gear compartment	
1200=1220	3400=3520	1490=1080	605=750	1320=735	680=1220	300=800
230	810	810	390	530	620	
	11	10	10	8	8	
230=90=12	11	10	10	8	8	
—	180=10	90=10 lbs	—	—	—	

Flask. Beutles
port and standard

Particulars of fiddley, funnel and ventilator coamings:— Motor ship. Fiddley, funnel and ventilators on top of engine casing, about 16' above poop deck, efficiently constructed and supported. Fiddley fitted with hinged steel cover. Engine skylight of steel.

Particulars of Flush Bunker Scuttles:— To steering gear compartment of steel and closed watertight as above.

Particulars of Companionways:— None filled

Particulars of Ventilators in exposed positions on freestone and superstructure decks high or above, efficiently constructed and supported and all provided with means of closing

Particulars of Air Pipes in exposed positions on freeboard, raised quarter or windward side of hull. All air pipes of steel pipe of goose neck type and more than 950 mm high on freeboard deck and 480 mm to 840 mm high on superstructure decks. All air pipes fitted with canvas covers for closing same.

Particulars in Charges for and during Period: None filled.

Side scuttles in prop. bridge and ^{Newcastle} prop space are of substantial construction and all fitted with hinged dead lights.

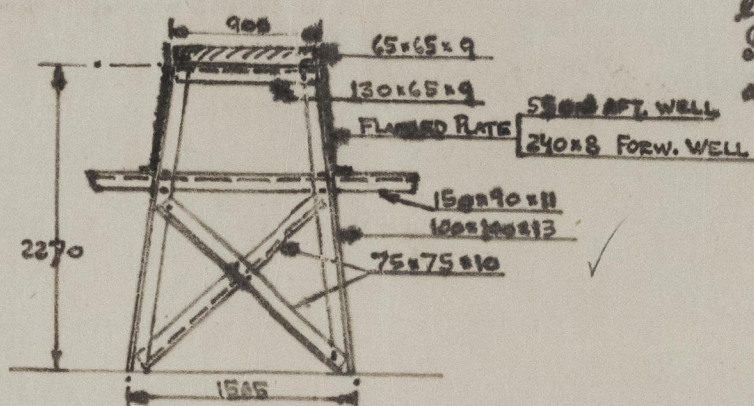
Side scuttles in prop. bridge and ^{intermediate} prop space are of substantial construction and all fitted with hinged dead latches. ✓

Open rails on foreboard, forecabin and poop decks.

Height of rail on foreboard	deck	= 1080	mm	stanchion spacing	~ 1500	mm
" " " "	forecastle	"	1080	mm	"	~ 1250 "
" " " "	poop	"	1120	mm	"	~ 1600 "
" " " "	gangway	"	1020	mm	"	~ 1400 "



every 2nd on freeboard
deck



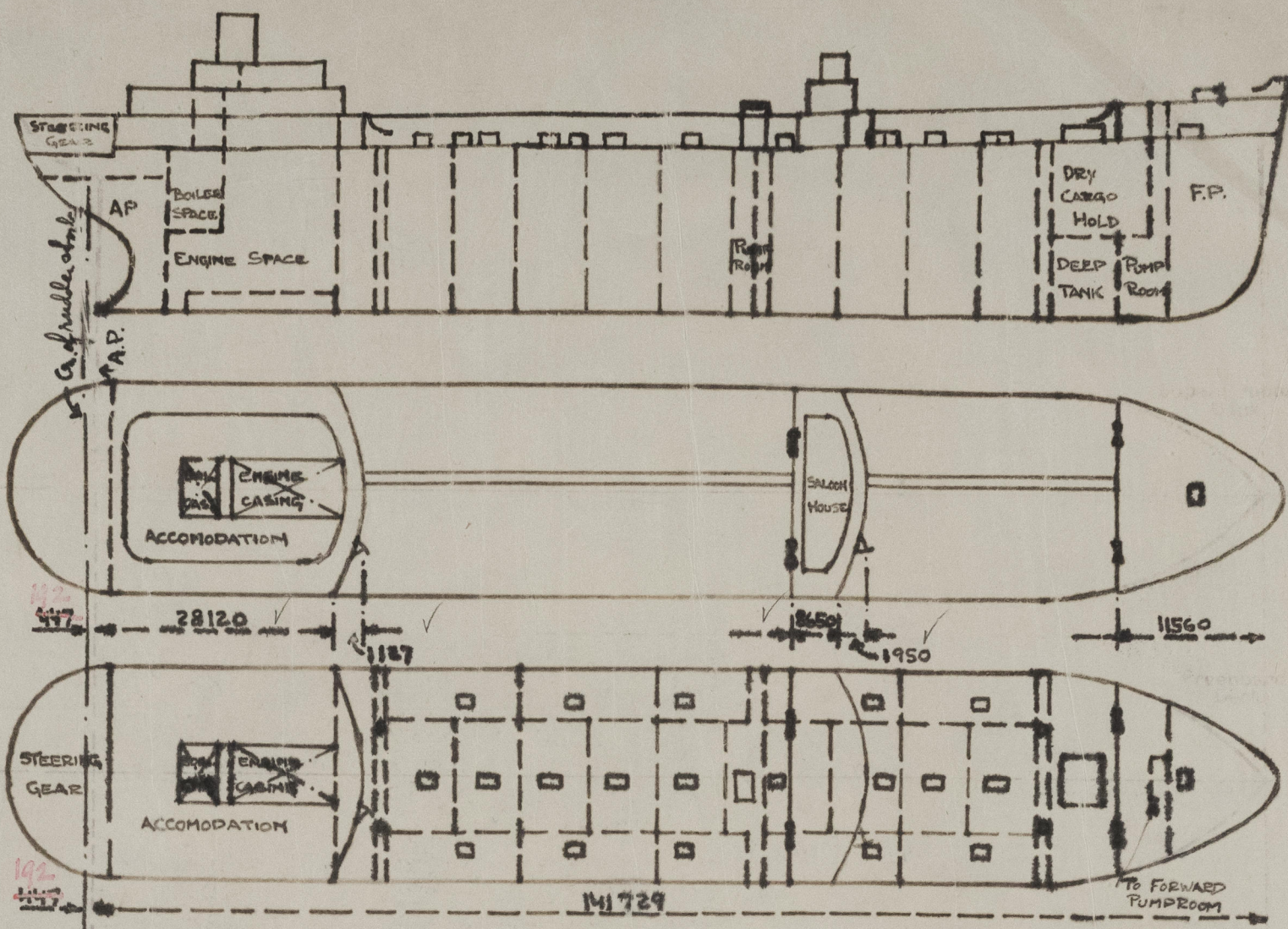
gangway fitted between poop, bridge and forecastle with open rails on top with 3 rods. Gangway supports space about $10\frac{1}{2}'$. Gangway completely welded except side plates to the fore and aft stringer angle on top of gangway (riveted).

Component	Plating	Thickness	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Deck	12	250 x 90 x 12 250 x 90 x 14	780	Welded top and bottom	1360 x 600	630	2286 ✓
Deck	10	150 x 75 x 8	756	No attachment	2030 x 1230	None	2286 ✓
Deck	11	230 x 90 x 12.5	770	Welded top and bottom	1220 x 915	600	2286 ✓
Deck	7.5	115 x 65 x 8	755	No attachment	2100 x 920	None	2286 ✓
Deck	—	—	—	—	—	—	—
Deck	—	—	—	—	—	—	—
Poop front centre portion							
Deck	8.5	130 x 65 x 8	778	No attachment	None	None	2286 ✓
Deck	—	—	—	—	—	—	—
Deck	8.5	Flat bar welded 45 x 12	720	Cont. top Weld. bottom	1525 x 710	480	2250 ✓

- ✓ Hinged steel door closed watertight and operated from both sides.
- ✓ Portable steel plates secured by hook bolts not passing through the bld. Spac. 12".
- ✓ Hinged steel door closed watertight and operated from both sides.
- ✓ Portable steel plates secured by hook bolts not passing through the bld. Spac. 12".
- ✓ No opening.
- ✓ No opening (two 14" side scuttles).

✓ Hinged steel door closed

He had good done at a little. I was back. half a day.



Hatches to cofferdams and crossbunkers closed watertight by ordinary manhole steel covers. Entrance to forward pumproom inside forecasing, steel casing with 520×1460 mm opening and sill 470 mm high. The opening closed by hinged flanged steel door operated from both sides and closed watertight.

Note any special features in the construction of the ship

Displacement and tons/inch in salt water at a moulded draught of 75, 85 and 95% of moulded depth:

	Displacement	Tons/inch
75 %	16220	58.4
85 %	18640	59.7
95 %	21100	60.9

$$\text{Port } 28120 + 192 + \frac{2}{3} \times 1127 = 29063 \checkmark$$

$$\text{Bridge } 8650 + \frac{1}{3} \times 1950 = 9950 \checkmark$$

Builder Eriksbergs Mek. Verkstads AB. Gothenburg No 296

Similar my Pontfield (No 289), my Vuedeffjell (No 292)

Rederiaktiebolaget Motorfark

Approx.
8 Ki 420

[Handwritten signature]



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