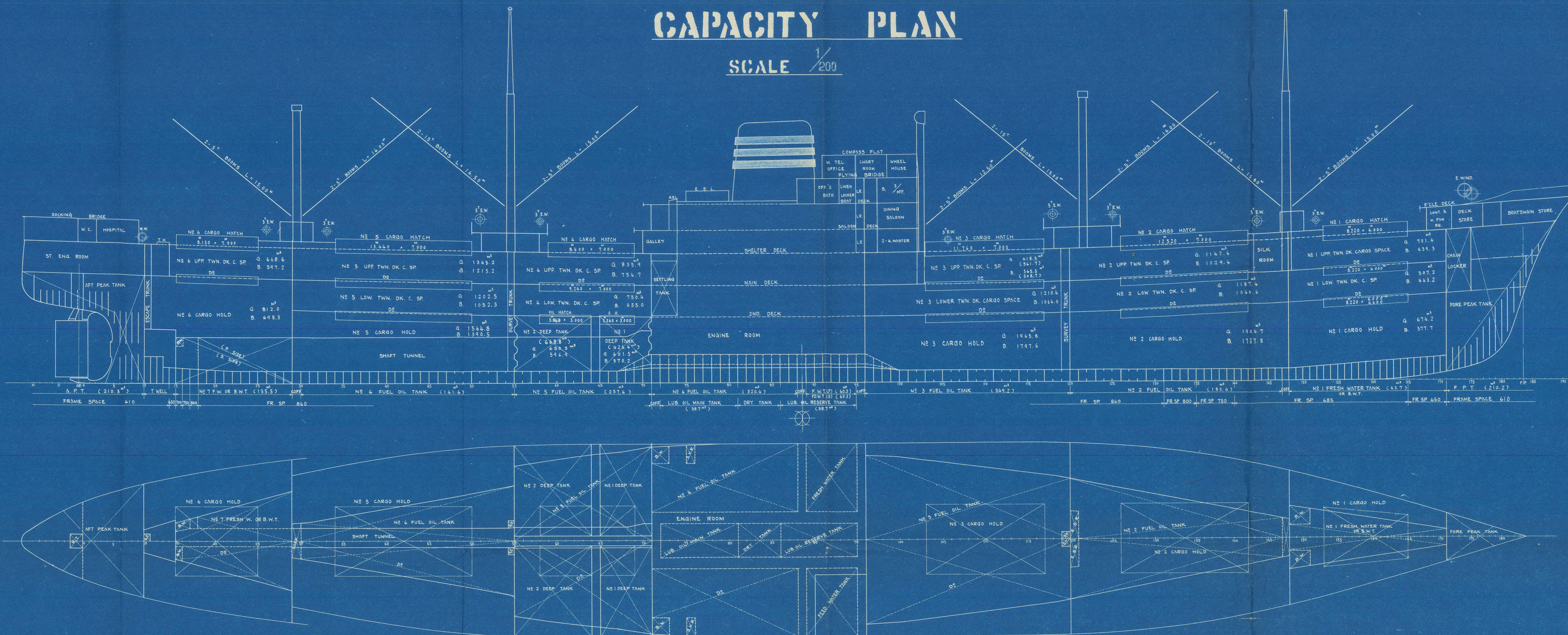


# M.S. HAKONESAN MARU CAPACITY PLAN

SCALE 1/200



NOTICE: FIGURE IN BRACKETS SHOWS CAPACITY EXCLUDING PASSAGEWAY TO COOLER ROOM.

CAPACITY OF CARGO SPACE 1.0 <sup>3</sup> = 35315 <sup>4</sup>					
ITEM	EXTENT	GRAIN		BALE	
		m <sup>3</sup>	g	m <sup>3</sup>	g
HOLD SPACE					
NO. 1 CARGO HOLD	FR 145-171	614.2	2350.8	577.7	2044.1
" 2 "	120-145	190.67	673.33	172.18	610.17
" 3 "	94-120	190.58	644.22	174.16	634.92
" 4 "	24-35	156.48	552.61	134.05	491.06
" 5 "	10-24	81.20	286.67	64.93	244.60
HOLD TOTAL		691.33	2455.03	619.19	2184.66
LOWER TWIN DK CARGO SPACE					
NO. 1 LOWER TWIN DK C. SPACE	FR 145-171	507.2	1791.2	544.32	1956.2
" 2 "	120-145	119.73	419.53	104.64	369.61
" 3 "	94-120	121.04	427.65	104.60	375.75
" 4 "	35-71	73.04	258.00	65.50	231.31
" 5 "	24-35	120.23	424.69	105.23	371.62
LOWER TWIN DECK TOTAL		485.74	1715.56	426.11	1504.61
UPPER TWIN DK CARGO SPACE					
NO. 1 UPPER TWIN DK C. SPACE	FR 145-171	701.6	2477.7	634.3	2257.7
" 2 "	120-145	112.25	403.51	102.6	363.53
" 3 "	94-120	154.85	538.35	138.47	494.45
" 4 "	35-71	83.53	295.20	75.67	269.52
" 5 "	24-35	134.52	475.06	121.62	429.15
" 6 "	14-24	46.86	165.12	54.72	194.90
UPPER TWIN DK TOTAL		1128.51	3856.83	1032.74	3645.28
SILK ROOM SPACE	FR 145-145	6.53	23.24	6.50	23.24
REFRIG. CARGO SPACE					
NO. 1 PORT REFRIG. CARGO CHAMBER	FR 88-125	8.80	31.08	8.80	31.08
" 2 "	125-125	12.80	45.31	12.80	45.31
" 3 "	115-125	9.40	33.35	9.40	33.35
" 4 STARBOARD REFRIG. CARGO CHAMBER	88-125	8.80	31.08	8.80	31.08
" 5 "	125-125	12.80	45.31	12.80	45.31
TOTAL		41.80	147.02	41.80	147.02
DEEP TANK SPACE					
NO. 1 DEEP TANK	P. FR 65-71	194.8	687.8	174.1	632.5
" 2 "	S. " "	204.7	730.0	181.1	644.8
" 3 "	P. 55-60	317.4	1122.7	284.5	1024.7
" 4 "	S. " "	332.0	1173.4	305.6	1079.2
DEEP TANK TOTAL		1051.8	3713.9	967.1	3411.3
STRONG ROOM SPACE					
STRONG ROOM	P. FR 4-11	56.0	198.8	56.3	198.8
" "	S. " "	44.1	155.7	44.1	155.7
STRONG ROOM TOTAL		100.4	354.5	100.4	354.5
GRAND TOTAL		1841.33	6425.22	1616.73	5740.11

CAPACITY OF STORES		
ITEM	EXTENT	CAPACITY (M <sup>3</sup> )
ON SHELTER DECK		
BOATSWAIN STORE	FR 130-145	32.1
DECK	172-177	20.5
MAIL ROOM	17-190	25.0
LAMP	165-171	10.5
PAINT STORE	168-173	17.6
DECK	147-159	13.9
" "	122-125	32.3
DAILY PROVISION STORE	73-76	14.3
CARPENTER SHOP	55-58	14.8
DECK STORE	31-55	36.0
" "	Δ-3	8.7
ON MAIN DECK		
RICE STORE	FR 78-82	33.8
WET PROVISION STORE	74-78	42.8
DRY	71-74	32.8
STORE	0-4	17.7
" "	0-4	17.7
ON SECOND DECK		
ENGINE STORE	FR 76-86	144.6
REFRIG. CHAMBER	FR 76-78	3.8
FISH	71-74	4.5
MEAT	74-76	7.1
VEGETABLE	71-76	25.0
TOTAL		67.2

CAPACITY OF OIL TANKS				
		P.O. 1M <sup>3</sup> = 0.435 KT.	L.O. 1M <sup>3</sup> = 0.420 KT.	S.W. 1M <sup>3</sup> = 1.025 KT.
ITEM	EXTENT	CAPACITY (M <sup>3</sup> )	FUEL OIL (KT)	SEA WATER (KT)
NO. 2 FUEL OIL TANK	P. FR 120-147	40.3	84.6	42.6
" "	S. " "	40.3	84.6	42.6
" 3 "	P. 94-120	176.6	163.3	174.0
" 4 "	S. " "	176.6	163.3	174.0
" 5 "	P. 71-88	150.2	144.8	164.2
" 6 "	S. " "	150.2	144.8	164.2
" 7 "	P. 55-71	126.7	120.3	131.4
" 8 "	S. " "	126.7	120.3	131.4
" 9 "	P. 35-55	80.8	75.5	82.8
" 10 "	S. " "	80.8	75.5	82.8
NO. 1 DEEP TANK	P. 65-71	204.8	193.4	212.0
" "	S. " "	214.6	205.3	225.1
" 2 "	P. 55-64	326.6	305.4	334.8
" 3 "	S. " "	342.2	320.0	350.8
FUEL OIL SETTLING TANK	IN ENG. RM.	23.5	22.0	
" "	" "	23.5	22.0	
FUEL OIL SERVICE TANK	" "	23.5	22.0	
" "	" "	23.5	22.0	
FUEL OIL TOTAL		2458.4	2248.7	2423.7
LUB. OIL MAIN TANK	FR 72-81	38.7	35.6	
" RESERVE TANK	FR 72-81	38.7	35.6	
" SETTLING TANK	IN ENG. RM.	4.2	3.9	
" "	" "	4.2	3.9	
LUB. OIL TOTAL		85.8	78.0	
DIESEL OIL SERVICE TANK	IN ENG. RM.	5.8	5.1	
" SETTLING TANK	" "	5.8	5.1	
CYLINDER OIL RESERVE TANK	" "	4.2	3.7	
" "	" "	4.2	3.7	

CAPACITY OF WATER TANKS			
		F.W. 1M <sup>3</sup> = 1.000 KT.	S.W. 1M <sup>3</sup> = 1.025 KT.
ITEM	EXTENT	FRESH WATER	SEA WATER (KT)
FORE PEAK TANK	FR 111-145	210.2	215.5
AFT PEAK TANK	" 10-45	210.3	215.6
TOTAL		420.5	431.1
NO. 1 FRESH WATER OR BALLAST W. TANK	FR 145-171	63.7	65.9
NO. 2 " " " " " "	FR 15-24	62.8	64.6
" 3 " " " " " "	S. " "	62.7	64.5
FRESH WATER TANK	P. 81-95	60.3	
FEED WATER TANK	S. " "	60.3	
15° DRINK WATER TANK	IN ENG. RM.	15.0	
DAILY SUPPLY TANK	ON COMPASS PLAT	1.7	
FRESH WATER TOTAL		777.0	
SANITARY TANK	ON COMPASS PLAT	2.5	2.5

PRINCIPAL DIMENSIONS			
LENGTH BETWEEN PERPENDICULARS	142.633	147.143	
BREADTH MOULDED	14.399	63.730	
DEPTH MOULDED TO SHELTER DECK	12.400	10.280	
HEIGHT BETWEEN SHELTER DECK-MAIN DECK	3.220	12.140	
" " " " " " " "	3.100	18.240	
" " " " " " " "	3.300	7.640	
TONNAGE			
GROSS TONNAGE	6427.05 <sup>1</sup>	4470.74 <sup>2</sup>	4457.44 <sup>3</sup>
NET " "	3838.75 <sup>1</sup>	7044.48 <sup>2</sup>	6339.22 <sup>3</sup>
UNDER DECK TONNAGE	5734.74 <sup>1</sup>	8357.51 <sup>2</sup>	8347.07 <sup>3</sup>
LIGHT CONDITION			
HULL AND MACHINERY COMPLETE WITH LEGAL SPARE GEARS			
ON BOARD, MEN AND EFFECTS OUT BOARD, ALL TANKS			
EMPTY.			
DEAD WEIGHT			
AT SUMMER FREE BOARD			
DRAUGHT	8.805M <sup>1</sup>	27.43 <sup>2</sup>	
DISPLACEMENT	15676.0 <sup>1</sup>	15627.17 <sup>2</sup>	
DEAD WEIGHT	10,253.0 <sup>1</sup>	10,811.96 <sup>2</sup>	

圖面來歷

本圖は舊山丸元形図より  
所記に於て調製す  
昭和四年三月十八日

CERTIFIED COPY OF "APPROVED PLAN"  
J. J. Young

HAKONESAN MARU  
箱根山丸

船体容積圖

CAPACITY PLAN

尺度 1/200




完 25



FOR LONDON

Capacity  
plan.

 MAKONESAN MARU.

RECORDS DEPT.  
LONDON.

14

KOBE RPT. NO. 2121

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