

## CAPACITY PLAN

SCALE - 1/4" = 1 FOOT

"AKTI HILL"

EX: Fort LA CLOCHE

**MACHINERY**  
**ENGINE** TRIPLE EXPANSION  
 CYLINDERS 24" x 37" - 70"  
 STROKE 48"  
 (14" x 9" DIA x 11" S)  
 PRESSURE 210 LBS/SQ. IN.  
 3 MAIN BOILERS  
 HOWDEN'S FORCED DRAUGHT

**DIMENSIONS**  
 LENGTH OVER ALL 441'-5 1/2"  
 LENGTH B.P. 416'-0"  
 BREADTH EXTREME 57'-2"  
 DEPTH TO UPPER 3RD MLD 37'-4"  
 DEPTH TO 2ND DK MLD 28'-7"  
 TONNAGE 7144.36 TONS GROSS  
 4226.87 TONS NETT REG.

CARGO CAPACITIES			
COMPARTMENT	FRAMES	CUB. FEET	TONS
N°1 HOLD	135-162	51,705	64,900
N°2 HOLD	106-135	45,410	48,020
N°3 HOLD	93-106	42,900	45,150
N°4 HOLD	86-93	22,946	24,780
DEPT TANK PORT	58-66	12,665	13,432
DEPT TANK STBD	58-66	11,819	12,636
N°5 HOLD	46-58	55,073	59,855
N°6 HOLD	42-40	54,195	60,815
<b>TOTAL HOLDS</b>		352,713	384,268
N°1 TWEENDECK	135-162	26,411	27,243
N°2 TWEENDECK	106-135	35,053	40,134
N°3 TWEENDECK	93-106	13,813	16,180
N°4 TWEENDECK	75-93	18,854	20,366
N°5 TWEENDECK	46-58	29,878	30,412
N°6 TWEENDECK	19-42	15,511	16,435
<b>TOTAL TWEENDECKS</b>		139,510	154,366
<b>TOTAL HOLDS &amp; TWEENDECKS</b>		492,223	538,634

FUEL OIL CAPACITIES			
COMPARTMENT	FRAMES	CUB. FEET	TONS
N°1 DB TANK	135-162	4,980	131.2
N°2 DB TANK	106-135	4,194	115.1
N°3 DB TANK	93-106	5,690	149.9
N°4 DB TANK	86-93	3,810	101.1
N°5 DB TANK	77-84	2,130	59.9
SETTLING TANK	66-75	998	26.6
SETTLING TANK	66-75	998	26.6
N°7 DB TANK	40-66	8,880	23.4
N°8 DB TANK	42-40	4,160	109.3
<b>TOTAL</b>		44,169	1161.6

FRESH WATER CAPACITIES			
COMPARTMENT	FRAMES	GALLONS	TONS
RES. FEED W. T. DB	67-76	10,387	46.2
RES. FEED W. T. DB	67-76	10,387	46.2
FW TANK 2ND DECK	58-66	6,000	26.8
FW TANK 2ND DECK	58-66	6,000	26.8
FW T. 2ND DECK AFT	19-24	2,060	9.2
FW T. ON AFTER DECK	15-17	120	5.4
FW T. ON P.O.'S DECK	63-65	120	5.4
FW T. ON WHEELH. TOP	103-105	60	2.7
<b>TOTAL</b>		35,134	156.55

WATER BALLAST CAPACITIES			
COMPARTMENT	FRAMES	CUB. FT.	TONS
FORE PEAK TANK	42-51	50,251	143.8
DEPT TANK PORT	58-66	13,820	39.8
DEPT TANK STBD	58-66	12,880	36.7
AFTER PEAK	12-12	5,820	16.6
<b>TOTAL</b>		82,771	227.9

STORES			
COMPARTMENT	FRAMES	CUB. FT.	TONS
LOWER STORE FORD	462-57	3,003	
UPPER STORE FORD	162-57	4,896	
CABIN STORE	102-112	4,545	
REFRIG MEAT	106-112	831	
REFRIG VEGETABLES	104-106	261	
COAL BOX	78-80	1,505	23

Cargo Capacities Nett are taken inside of frames and underside of beam. Cargo Capacities Gross are taken outside of frame and top of beam. Waterballast salt 35 cub. ft. to one ton of 2,240 lbs. Fresh Water Capacities 36 cub. ft. to one ton of 2,240 lbs.

	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
11,000	14,500	18,5	13,25																		
10,500	14,000	18,0	13,00																		
10,000	13,500	17,5	12,75																		
9,500	13,000	17,0	12,50																		
9,000	12,500	16,5	12,25																		
8,500	12,000	16,0	12,00																		
8,000	11,500	15,5	11,75																		
7,500	11,000	15,0	11,50																		
7,000	10,500	14,5	11,25																		
6,500	10,000	14,0	11,00																		
6,000	9,500	13,5	10,75																		
5,500	9,000	13,0	10,50																		
5,000	8,500	12,5	10,25																		
4,500	8,000	12,0	10,00																		
4,000	7,500	11,5	9,75																		
3,500	7,000	11,0	9,50																		
3,000	6,500	10,5	9,25																		
2,500	6,000	10,0	9,00																		
2,000	5,500	9,5	8,75																		
1,500	5,000	9,0	8,50																		
1,000	4,500	8,5	8,25																		
500	4,000	8,0	8,00																		
0	3,500	7,5	7,75																		

HALF SECTION AMIDSHIPS  
 SCALE 1/4" = 1 FT