

CARCO OIL TANKS

Nº OF TANK	FRAME POSITION	CUBIC FEET	U.S. GALLONS	U.S. BARRELS	TONS	FOR	APT
1-P	142-50	21848	163448	3891	637	+8.7	+3.7
1-S		21848	163448	3891	637		
2-P	132-144	22082	165195	3933	644	+7.4	-2.2
2-S		22082	165195	3933	644		
3-P	120-132	21651	161971	3856	631	+5.0	-0
3-S		21651	161971	3856	631		
4-P	108-120	21247	158949	3765	619	+4.5	+7
4-S		21247	158949	3765	619		
5-P	96-108	21042	157415	3748	615	+5.1	+1.1
5-S		21042	157415	3748	615		
6-P	84-96	21008	157161	3742	612	+1.0	+3.2
6-S		21008	157161	3742	612		
7-P	72-84	21071	157652	3753	614	+6	+4.0
7-S		21071	157652	3753	614		
8-P	60-72	21123	158021	3762	616	-0	+5.10
8-S		21123	158021	3762	616		
TOTAL		342144	2559578	60940	9972		

NOTE: IN THE ABOVE THIS ALLOWED FOR EXPANSION EXCEPTING IN SALT WATER COWING

SUMMER TANKS

Nº OF TANK	FRAME POSITION	CUBIC FEET	U.S. GALLONS	U.S. BARRELS	TONS	FOR	APT
1	132-144	8465	63326	508	246	+1.62	-6.8
2	108-132	8465	63326	508	246	+12	-
3	84-108	8465	63326	508	246	+0	-6
4	60-84	-	-	-	246	-	-12.5
TOTAL		25395	189978	1524	984		

NOTE: IN THE ABOVE THIS IS ALLOWED FOR EXPANSION EXCEPTING IN SALT WATER COWING

OIL FUEL TANKS

LOCATION	FRAME POSITION	CUBIC FEET	U.S. GALLONS	U.S. BARRELS	TONS	FOR	APT
DOUBLE BOTTOM	31-49	3704	27710	633	105	97	-4
CROSS BUNKER	50-58	30645	229555	5459	893	800	-1.5
CROSS BUNKER	58-60	7531	56343	1341	219	198	-3
Nº 1 OIL FUEL TANK	60-84	8465	63326	508	246	-	+11
TOTAL		50345	376031	8968	1220	1324	

NOTE: IN THE ABOVE THIS IS ALLOWED FOR EXPANSION EXCEPTING IN SALT WATER COWING

HOLD TANKS & STORES

COMPARTMENT	FRAME POSITION	GROSS CUBIC FT	NETT CUBIC FT
FORWARD HOLD	161-179	38400	55000
FORWARD T.V. DKG	161-179	5650	5140
FORECASTLE	171-189	6800	6800
FORE PEAK (UPPER)	179-189	2400	2050
FORE PEAK (LOWER)	181-189	2400	2050
AST T.V. DECK	25-50	10950	9380
AST STORES	51-56	2340	2080
T.W. DECK STORE	32-33	1190	1010
TOTAL		70130	62540

NOTE: GROSS CAPACITY IS MEASURED FROM INSIDE OF SHELL & UNDERSIDE OF DECK NETT CARGO BATTENS & UNDERSIDE OF DECK BENS COMPARTMENT MARKED THIS & ALSO INCLUDED IN COAL BUNKER CAPACITIES

COAL BUNKERS

COMPARTMENT	FRAME POSITION	CUBIC FEET	TONS AT 45 CUB FT	FOR	APT
CROSS BUNKER	50-58	26800	595	-13	+3.6
TWEEN DKS. AST	38-50	9950	221	-7.4	+1.65
SHOOT	24-38	2386	53	-2	+5
POCKETS (2)	38-39	382	87		
TOTAL		39518	877		

NOTE: COAL CAPACITY CALCULATED AT 45 CUB FT PER TON

WATER BALLAST

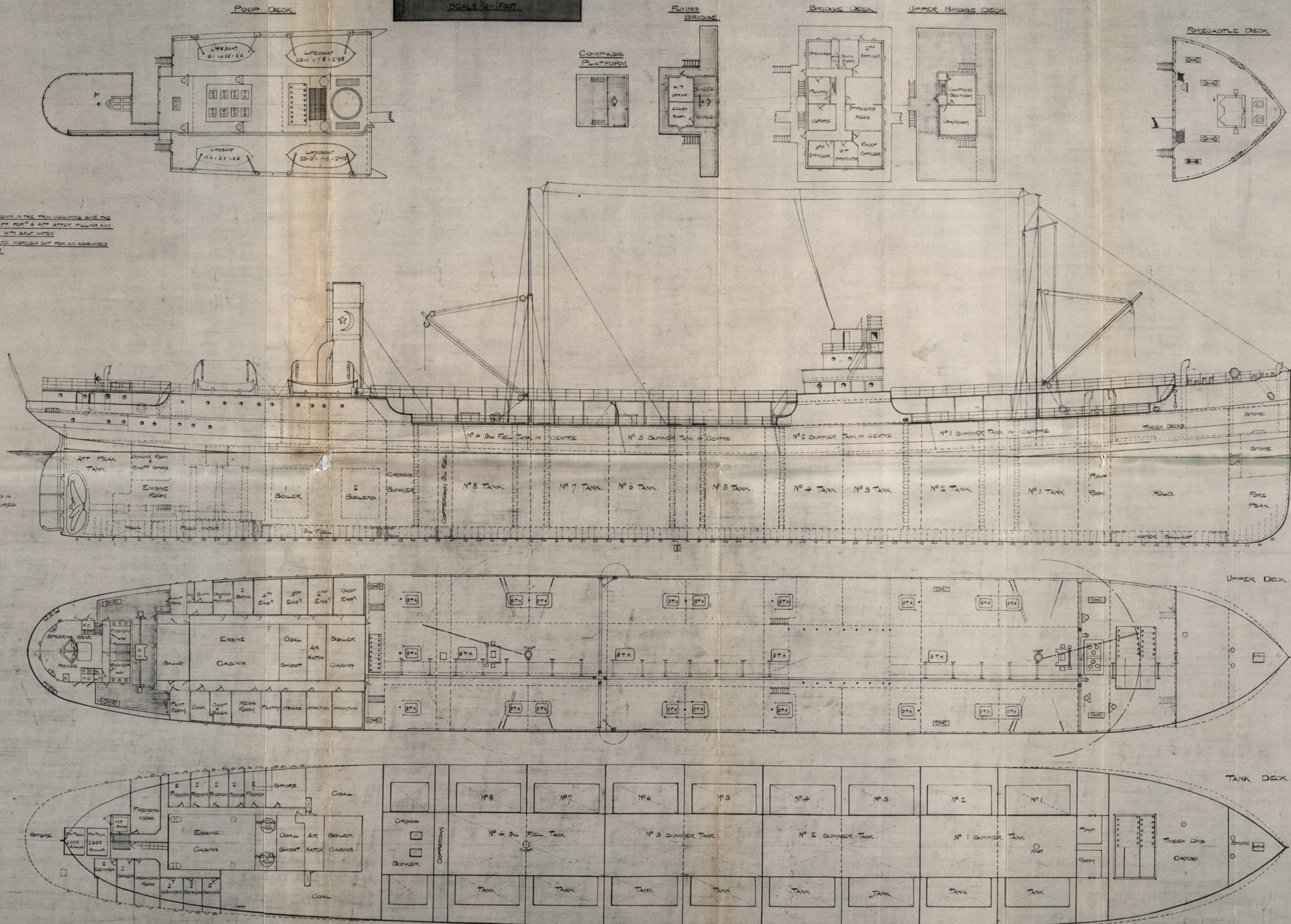
COMPARTMENT	FRAME POSITION	CUBIC FEET	TONS AT 35 CUB FT	FOR	APT
ODS UNDER ENGINES	14-30	2610	72	-4	+7
ODS FORWARD	161-179	2450	69	+7	-4
AST PEAK	A.P. 11	3845	10	-9	+13
TOTAL		8885	251		

NOTE: CAPACITIES CALCULATED FOR SALT WATER - 35 CUB FT PER TON EXCEPT ODS UNDER ENGINES (T.W. TANK) CALCULATED AT 30 CUB FT PER TON

S.S. LA CRESCENTA

CAPACITY PLAN

SCALE 1/8" = 1' 0"



THE FIGURES ON THIS PLAN ARE BELIEVED TO BE CORRECT & ARE GIVEN IN 1000 PARTS BUT ARE NOT GUARANTEED

GENERAL PARTICULARS

BUILDERS FURNISH SHIPBUILDING CO LTD HAVERTON HILL ON TEES YARD NUMBER 8
OWNERS CRESCENT NAVIGATION CO LTD PORT OF REGISTRY LONDON
DIMENSIONS LENGTH 340' 0" BREADTH EXT 63' 0" DEPTH MID 26' 11" TO TANK DECK SUMMER TANK THICK 8' 6"
CLASS LLOYDS 100 A1 CARRIAGE METEOROLIN IN BULK
TONNAGE GROSS 5560.75 NETT 3531.44
LENGTH OF ENGINE & BOILER SHAFTS 98' 0" CARGO OIL TANKS 8 AT 25' 0" EACH LONG HOLD FORWARD 38' 3" LONG
WINDERS BY JOHN WYNN & CO LTD 3 AT 7' 10"
QUICK WARMING STEAM WINDERS BY EVERSON WALKER & THOMPSON BROS CYLINDERS 18" x 2' CABLES 2 1/2"
SPECKING BEAR STEAM (WILSON THREE TYPE) WITH TELEGRAPHIC CONTROL BY DONN & CO LTD PLACED IN DECKHOUSE AST CYLINDERS 9' 10"
MASTO STEEL FOREMAST 81' 0" ABOVE B.K. SPEED MAIN MAST 77' 11" ABOVE B.K. TELESCOPIC WOOD TUMBLER TO EACH MAST 11' 5" ABOVE B.K.
BATTENS 2 LIFEBUOYS 12' 0" x 7' 6" 2 LIFEBUOYS 18' 0" x 6' 6" 2 1/2"
HATCH TO FORWARD HOLD 20' 0" x 12' 9"
WIRELESS TELEGRAPHY 1/2 K.V. STANDARD SET
STEAM FIRE EXTINGUISHING FITTED TO ALL TANKS & BUNKERS
2 200 TONS DUTCH OIL PUMPS FITTED IN PUMP ROOM BY J.P. HALL & CO
ELECTRIC LIGHT 8.5 KW SET 100 VOLTS 3600 RPM ENGINE OPEN VERTICAL TYPE 360 RPM PRESSURE 100 LBS CYLINDER 7' 1/2" BY THE
SHIMMERLAND FORGE & ENG CO LTD INSTALLATION BY FURNISH SHIPBUILDING CO LTD

ENGINES & BOILERS

TRIPLE EXPANSION ENGINES PLACED AT
BUILT BY ROBERTSON'S WORKSHOPS & CO LTD MIDLEBROUGH NO 2538
CYLINDERS 27" 45" 75" DIAM. STROKES 51" 1.1 FT 2800 REVS 13 PER MINUTE
PROPELLER SOLID CAST IRON 4 BLADES DIAM 17' 9" PITCH 18' 0"
BOILERS 3 SINGLE ENDED MULTITUBULAR 5' 9" MEAN DIAMETER 12' 0" LONG
FURNACES 3 EACH BOILER DEPARTING BURNING COAL OR OIL FUEL ON WALLS END HODGEN SYSTEM
TOTAL HEATING SURFACE 3580 SQ FEET WORKING PRESSURE 150 LBS
HOLDINGS FORCED DRAUGHT

DEADWEIGHT SCALE

HEIGHT IN FEET	DRAUGHT IN FEET	DEADWEIGHT IN TONS	TONS PER HON
8'-0"	28'	1084	42.43
9'-0"	27'	9000	1073
10'-0"	26'	1061	42.31
11'-0"	25'	8000	1050
12'-0"	24'	1037	42.13
13'-0"	23'	7000	1026
14'-0"	22'	1016	41.91
15'-0"	21'	6000	1003
16'-0"	20'	992	41.64
17'-0"	19'	5000	980
18'-0"	18'	968	41.31
19'-0"	17'	4000	957
20'-0"	16'	945	40.94
21'-0"	15'	3000	933
22'-0"	14'	921	40.51
23'-0"	13'	2000	909
24'-0"	12'	896	40.04
25'-0"	11'	1000	883
26'-0"	10'	868	39.51
27'-0"	9'	0	852
28'-0"	8'	834	38.86
7'		815	38.49

NOTE: FIGURES GIVEN ARE THE DEADWEIGHT

