



TANK CAPACITIES CENTER CARGO TANKS

TANK	LOCATION	GALLONS	BARRELS
Nº 1	FWS 60-71	315,000	7,406.87
Nº 2	" 65-68	382,822	9,114.82
Nº 3	" 62-63	370,741	8,927.10
Nº 4	" 59-62	362,553	8,632.21
Nº 5	" 56-59	350,977	8,547.07
Nº 6	" 53-56	340,560	8,260.89
Nº 7	" 50-53	344,447	8,277.31
Nº 8	" 47-50	376,528	9,164.07
TOTAL		2,819,693	70,730.02

WING CARGO TANKS

TANK	LOCATION	GALLONS	BARRELS
Nº 1 A	FWS 68-71	131,533	3,131.73
Nº 1 S	" " "	131,533	3,131.73
Nº 2 A	" 65-68	171,380	4,080.48
Nº 2 S	" " "	171,380	4,080.48
Nº 3 A	" 62-63	171,644	4,086.76
Nº 3 S	" " "	171,644	4,086.76
Nº 4 A	" 59-62	169,431	4,010.27
Nº 4 S	" " "	169,431	4,010.27
Nº 5 A	" 56-59	166,674	3,968.70
Nº 5 S	" " "	166,674	3,968.70
Nº 6 A	" 53-56	165,130	3,925.23
Nº 6 S	" " "	165,130	3,925.23
Nº 7 A	" 50-53	166,636	3,967.52
Nº 7 S	" " "	166,636	3,967.52
Nº 8 A	" 47-50	187,464	4,499.14
Nº 8 S	" " "	187,464	4,499.14
TOTAL WING TANKS		2,801,424	67,938.66
TOTAL CARGO TANKS		5,621,117	138,668.68

FUEL OIL TANKS

TANK	LOCATION	GALLONS	BARRELS
CENTER	FWS 22-46	87,774	2,089.86
WING, P	" " "	43,088	1,039.26
WING, S	" " "	43,088	1,039.26
RESERVE, P	" 72-88	132,082	3,144.34
RESERVE, S	" 75-88	102,470	2,439.92
TOTAL FUEL OIL		436,492	10,532.62

BALLAST TANKS

TANK	LOCATION	TONS (SW)
FORE PEAK	FWS 68-71	212.00
BALLAST - PORT	" 72-88	504.39
BALLAST - STARBOARD	" " "	391.39
AFTER PEAK	" 1-9	78.70
TOTAL BALLAST TANKS		1,271.56

FEED WATER TANKS

TANK	LOCATION	TONS (FW)
FEED WATER	FWS 11-21 - D.B.	24.91
" " - PORT	" 21-30 - "	23.11
" " - STARBOARD	" " " "	23.11
" " - PORT	" 30-44 - "	42.48
" " - STARBOARD	" " " "	42.48
TOTAL FEED WATER		156.09

FRESH WATER TANKS

TANK	LOCATION	TONS
FRESH WATER	FWS 6-9 3TH GR. DECK	25.33
" " - UNDER BRIDGE - P	" " "	35.36
" " - UNDER BRIDGE - S	" " "	35.36
TOTAL FRESH WATER		96.05

MISCELLANEOUS TANKS

TANK	LOCATION	TONS
DISTILLED WATER	B.R. AIR - PORT	24.58 TONS
" " - STARBOARD	" " "	24.58 TONS
LUB. OIL	FWS 31-35 - D.B.	30.09 TONS
GALLEY RANGE	APT. OF FWS 2	23.24 TONS

DRY CARGO SPACE

2ND DECK, FWS 72-88	23,121 CU. FT. MLD 18 & 13 CU. FT. GRAB
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COFFERDAMS

TANK	LOCATION	TONS (SW)
FWD C.D. - PORT	FWS 71-72	113.31
" " - STARBOARD	" " "	35.43
AFT C.D. - PORT	" 46-47	45.41
" " - STARBOARD	" " "	45.41
TOTAL COFFERDAMS		239.56

CONVERSION TABLE

ONE BARREL = 32 GALLONS
35 CU. FT. = 1 TON (SALT WATER)
35 CU. FT. = 1 TON (FRESH WATER)

ALL CAPACITIES ARE FOR 100% FULL TANKS

DEADWGT. IN TONS	DRAFT TO BOTTOM OF KEEL	DISPL. IN TONS	TONS PER INCH	MOMENT PER TON
17500	32	22000	65	
18000	31	21000	60	
18500	30	20000	65	
19000	29	19000	65	
19500	28	18000	65	
20000	27	17000	63	
20500	26	16000	62	
21000	25	15000	62	
21500	24	14000	61	
22000	23	13000	61	
22500	22	12000	60	
23000	21	11000	60	
23500	20	10000	59	
24000	19	9000	58	
24500	18	8000	57	
25000	17	7000	56	
25500	16	6000	55	
26000	15	5000	54	
26500	14	4000	53	
27000	13	3000	52	
27500	12	2000	51	
28000	11	1000	50	
28500	10	0	49	
29000	9		48	
29500	8		47	
30000	7		46	

CORSICANA
CADD
CALUSA
CATAWBA
COLINA
CONASTOGA

PARTICULARS
LENGTH OVERALL 301'-4 1/2"
LENGTH BET PERAS 488'-5"
BEAM, MOLDED 66'-0"
DEPTH, MOLDED 37'-0"
DRAFT, MOLDED (DESIGNED) 29'-0 1/2"
DRAFT, KEEL (SUMMER FREEBOARD-INTERNATIONAL) 30'-1 1/8"
BOILERS - FOSTER WHEELER 375" GAUGE 700" F.
TURBINES 12000 SHP
REDUCTION GEAR - DOUBLE REDUCTION MARINE TYPE
PROPELLER - BRONZE, 4 BLADES, 19'-0" DIA, 10'-10" PITCH
SPEED DESIGNED 16 1/2 KNOTS
DRAFT, KEEL (SUMMER FREEBOARD-COASTWISE) 30'-10 1/2"

	CORSICANA	CADD	CALUSA	CATAWBA	COLINA	CONASTOGA
OFFICIAL NUMBER	240846	241020	241242	241358	241404	
CALL LETTERS	WHDG	WHPZ	KEMH	KPHU	KDPZ	
GROSS TONNAGE - U.S.	9890.36	9920.15	9920.15	9930.14	9930.14	
NET TONNAGE - U.S.	5928	5928	5913	5907	5907	
GROSS TONNAGE - PANAMA CANAL	10369.70	10369.70	10369.70	10369.70	10369.70	
NET TONNAGE - PANAMA CANAL	7236.43	7236.43	7236.43	7156.65	7156.65	
GROSS TONNAGE - SUEZ CANAL	10372.48	10372.48	10372.48	10372.48	10372.48	
NET TONNAGE - SUEZ CANAL	7710.53	7710.53	7710.53	7721.69	7721.69	
UNDERDECK TONNAGE	8947.49	8947.49				
LIGHT SHIP WEIGHT	5167	5168				

L. S. Collins
Bldg. Apt. # 7697

H-4353-11-12
BETHLEHEM-SPARROWS POINT SHIPYARD, INC.
SPARROWS POINT, MD.
CAPACITY PLAN

SCALE 1/8" = 1'-0"
DRAWN DCH
TRACED
CHECKED

APPROVED
APPROVED
APPROVED

DATE JULY 9, 1941
JUL 9 1941
JUL 9 1941