



PLAN

CARGO SYSTEM VALVES

- 1 PUMP SUCTION VALVE
- 2 PUMP DISCHARGE VALVE
- 3 PUMP DISCHARGE CHECK VALVE
- 4 PRESSURE RELIEF VALVE
- 5 CARGO FILL/LOAD VALVE
- 6 PORT & STBD. HEADER VALVES
- 7 HEADER BLOCK VALVE
- 8 #1 PORT CARGO FILL/SUCTION VALVE
- 9 #1 STBD. CARGO FILL/SUCTION VALVE
- 10 #2 PORT CARGO FILL/SUCTION VALVE
- 11 #2 STBD. CARGO FILL/SUCTION VALVE
- 12 #3 PORT CARGO FILL/SUCTION VALVE
- 13 #3 STBD. CARGO FILL/SUCTION VALVE
- 14 #1 PORT STRIPPING VALVE
- 15 #1 STBD STRIPPING VALVE
- 16 #2 PORT STRIPPING VALVE
- 17 #2 STBD. STRIPPING VALVE
- 18 #3 PORT STRIPPING VALVE
- 19 #3 STBD. STRIPPING VALVE
- PU PUMP

VAPOR SYSTEM:

- V1 BUTTERFLY VALVE
- V2 PRESS./VACCUUM VALVE
- V3 VENT STACK
- V4 RAIN CAP
- V5 VAPOR SWIVEL JOINT

TANK VOL. 100% FULL

TANK	GAL.	BBL.	CU. FT.
1P	223,368	5318.28	25709.64
1S	223,368	5318.28	25709.64
2P	217,035	5167.5	29013.43
2S	217,035	5167.5	29013.43
3P	208,313	4959.83	27847.47
3S	208,313	4959.83	27847.47
TOTAL	1,297,432	30,891.22	165,141.08
		98% FULL	30,273.39

CAPACITIES - SHORT TONS AT VARIOUS DRAFTS

DRAFT (FT)	TANK NUMBER			
	TOTAL (S.T.)	1 P/S (S.T.)	2 P/S (S.T.)	3 P/S (S.T.)
2.50	274.70	72.31	66.98	135.41
3.00	510.15	156.96	147.06	206.13
3.50	747.89	243.74	229.23	274.92
4.00	987.91	332.59	313.43	341.89
4.50	1230.01	423.39	399.52	407.10
5.00	1474.13	516.07	487.47	470.59
5.50	1720.09	610.47	577.11	532.51
6.00	1968.76	707.59	669.40	591.76
6.50	2218.48	804.05	761.01	653.42
7.00	2468.65	904.22	856.33	708.10
7.50	2718.82	1002.76	950.02	766.05
8.00	2968.99	1101.27	1043.67	824.05
8.50	3219.17	1199.71	1137.26	882.20
9.00	3469.34	1298.23	1230.93	940.18
9.50	3719.51	1396.90	1324.75	997.86
10.00	3969.68	1495.44	1418.44	1055.80
10.50	4219.86	1593.94	1512.08	1113.83
11.00	4470.03	1692.30	1605.59	1172.14
11.50	4720.20	1790.88	1699.31	1230.01

MAX CAPACITY - BBL (100%)
 26,945.55 | 10,223.35 | 9,700.61 | 7,021.58

MAX CAPACITY - CU. FT. (100%)
 151,288.43 | 57,400.00 | 54,465.02 | 39,423.34

SPECIAL FEATURES

1. CARGO PUMP: BYRON JACKSON
 MODEL 11L1S14GH-3
 AMARILLO GEAR 1:1 RATIO
 2100 GPM, 253" TDH
 @ 192 H.P.
2. CARGO PUMP ENGINE: DETROIT
 DIESEL MODEL 106S-7000.

BARGE INFORMATION

HULL NO. 4375
 NAME: CBC 302
 OFFICIAL NO. 1102353
 YEAR BUILT: 2001
 HULL TYPE: II
 CARGO GRADE: 1 & LOWER
 SUBCHAPTER "D" PRODUCTS.

REV.	DATE	BY	DESCRIPTION
2	4/7/01	...	ADDED DEADWEIGHT INFORMATION
1	4/7/01	...	2000 SPEC AND ALL DIMENSIONS

SCALE:	1/8"=1'-0"	DATE:	12/26/00
DRAWN BY:	...	CHECKED BY:	...
DATE:	...	DATE:	...
SCALE:	1/8"=1'-0"	DATE:	12/26/00
DRAWN BY:	...	CHECKED BY:	...
DATE:	...	DATE:	...

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