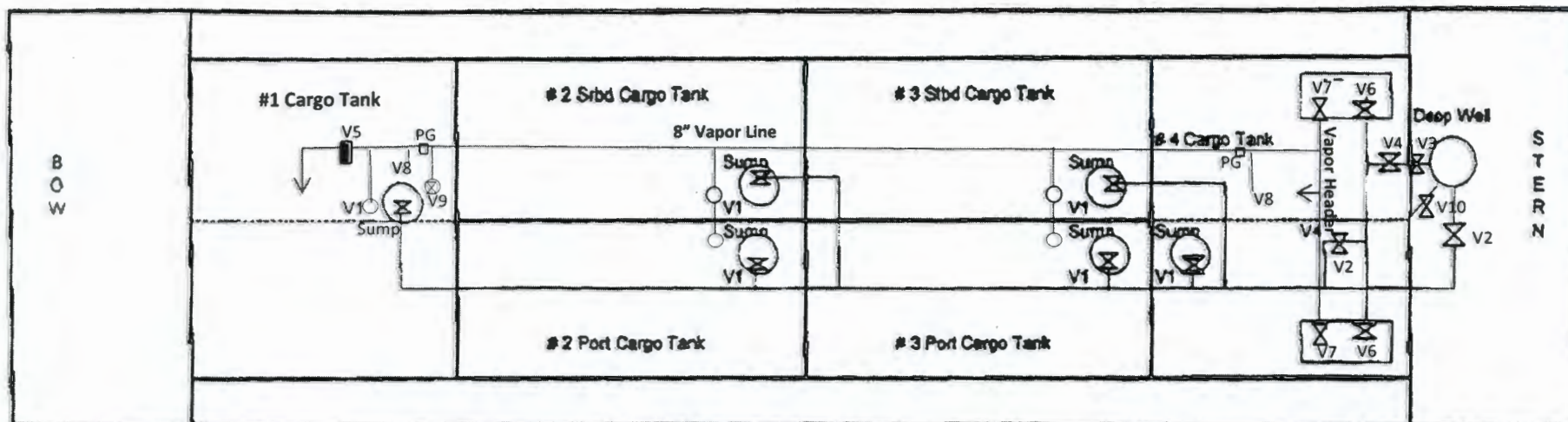


BARGE INFO

HULL NO. 1488
 NAME: CBC-205
 OFFICIAL NO. 1027673
 YEAR BUILT: 1995
 HULL TYPE: B & B
 CARGO GRADE: A & LOWER
 CUBIC: "0" CARGO: SOLVENTS/LIGHT CHEM.

CBC 205



V1 CARGO TANK VALVES
 V2 LOADING VALVE
 V3 CHECK VALVE
 V4 DISCHAGE VALVE
 V5 VAPOR STACK VALVE
 V6 LIQUID HEADER VALVES
 V7 VAPOR HEADER VALVES
 V8 VAPOR DRAIN
 V9 P/V VALVE
 V10 SUCTION VALVE
 PG VAC PRESS GAUGE

TO LOAD:
 CLOSE V10
 OPEN V6 (TO DOCK)
 OPEN V2
 OPEN V1

TO PUMP:
 OPEN V6 (TO DOCK)
 OPEN V4
 OPEN V1
 CLOSE V2
 OPEN V3

SPECIAL FEATURE

- 1.COMMON VAPOR HEADER
- 2.DEEPWELL PUMP
- 3.ENGINE DETROIT DIESEL 6-7IN
- 4.P/V VALVE: 4" SE-WON HPV.
3 PSI PRESS, 1 PSI VAC
- 5.TANKS ARE LINED OR COATED.

18" x 24" x 12" DEPT. STEEL TIT. BARGE

**CARGO PIPING & VAPOR
 COLLECTION SYSTEM
 PIPING DIAGRAM
 CBC-205**

CAPACITIES - SHORT TONS AT VARIOUS DRAFTS					
DRAFT FT.	TOTAL S.T.	TANK NUMBER			
		1 S.T.	2 P/S T.	3 P/S T.	4 S.T.
2.5	185.11	22.6	54	54	54.5
3	338.37	55.37	94	94	95
3.5	492.50	89.25	134	134	135.25
4	647.39	123.89	174	174	175.5
4.5	803.30	159.5	214	214	215.53
5	959.29	198	432	432	257.29
5.5	1116.54	233.54	294	294	295
6	1273.58	271.58	334	334	334
6.5	1431.60	310.5	374	374	373.1
7	1590.20	350	414	414	412.2
7.5	1749.38	392.38	452	452	453
8	1909.12	433.62	492	492	491.5
8.5	2069.34	476.34	531	531	531
9	2230.06	519.56	570	570	570.5
9.5	2391.38	562.88	610	610	608.5
10	2553.27	608.57	648	648	648.7
10.5	2715.75	653.25	688	688	686.5
11	2878.80	700.8	726	726	726
MAX. CAPACITY - BBL (98%)					
16019.6	3671.1	4116.2	4116.2	4116.1	
MAX. CAPACITY - CU. FT. (98%)					
89942.3	20611.2	23110.6	23110.6	23109.9	

*Assumed specific capacity of cargo for above tanks is 1.63.