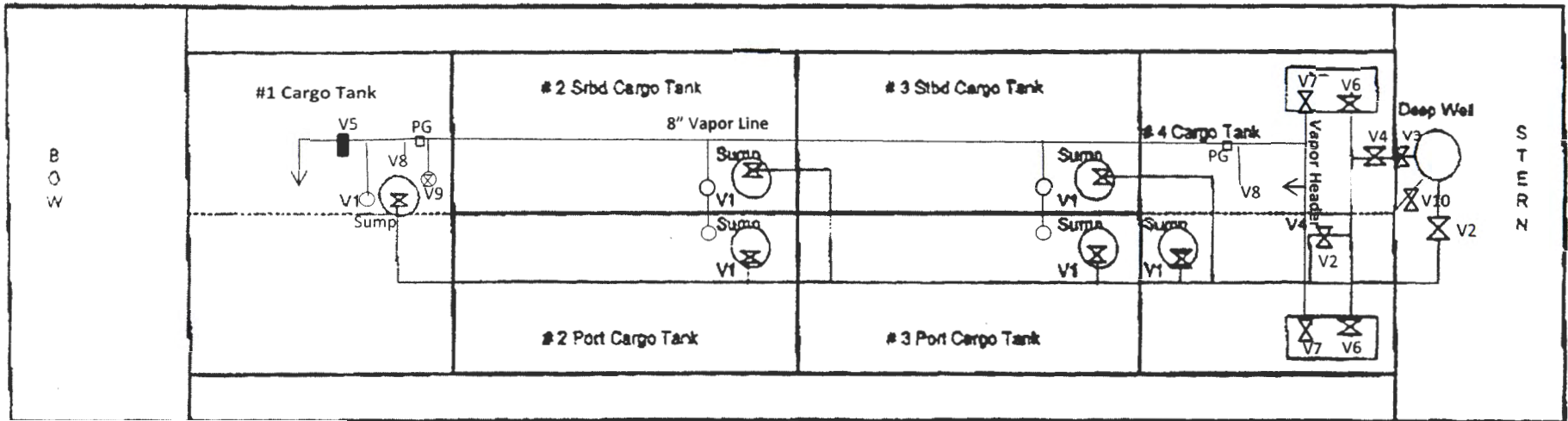


PLATEAU STRUCTURE
 CANAL BARGE COMPANY, INC.
 "DOUBLE DECK" DOUBLE DECK TUG BARGE
**CARGO PIPING & VAPOR
 COLLECTION SYSTEM
 PIPING DIAGRAM**
 CBC-203



CAPACITIES - SHORT TONS AT VARIOUS DRAFTS					
DRAFT FT.	TOTAL S.T.	TANK NUMBER			
		1 S.T.	2 P/S S.T.	3 P/S 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.

- V1 CARGO TANK VALVES
- V2 LOADING VALVE
- V3 CHECK VALVE
- V4 DISCHARGE 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: | TO PUMP: |
| CLOSE V10 | OPEN V6 (TO DOCK) |
| OPEN V6 (TO DOCK) | OPEN V4 |
| OPEN V2 | OPEN V1 |
| OPEN V1 | CLOSE V2 |
| | OPEN V3 |

BARGE INFO

HULL NO. 1468
 NAME: CBC-203
 OFFICAL NO. 1027671
 YEAR BUILT: 1990
 HULL TYPE: I & II
 CARGO GRADE: A & LOWER
 CURRENCY: "O" CARGO: SOLVENTS/LIGHT CHEM.