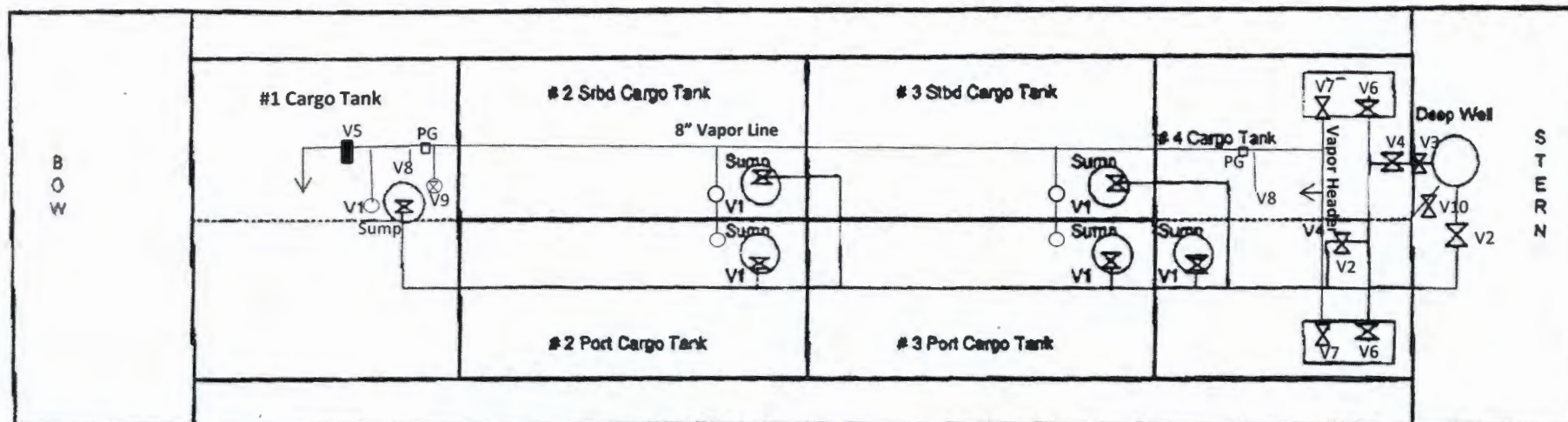


| BARGE INFO       |                     |
|------------------|---------------------|
| HULL NO:         | 1457                |
| NAME:            | CBC 202             |
| OFFICIAL NO:     | 1027570             |
| YEAR BUILT:      | 1995                |
| HULL TYPE:       | II & III            |
| CARGO GRADE:     | A & LOWER           |
| CUBCH "0" CARGO: | SOLVENTS/LIGHT CHEM |

## CBC 202



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:**  
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.

**188'x42'x12' DOUBLE SKIN TANK BARGE**

**CARGO PIPING & VAPOR COLLECTION SYSTEM PIPING DIAGRAM**

| 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     | 22.81       | 54         | 54         | 54.5    |  |
| 3                                         | 338.37     | 55.37       | 94         | 94         | 95      |  |
| 3.5                                       | 492.5      | 89.25       | 134        | 134        | 135.25  |  |
| 4                                         | 647.39     | 123.89      | 174        | 174        | 175.5   |  |
| 4.5                                       | 803.3      | 159.5       | 214        | 214        | 215.5   |  |
| 5                                         | 959.29     | 196         | 254        | 254        | 255.29  |  |
| 5.5                                       | 1116.54    | 233.54      | 294        | 294        | 295     |  |
| 6                                         | 1273.58    | 271.58      | 334        | 334        | 334     |  |
| 6.5                                       | 1431.8     | 310.5       | 374        | 374        | 375.1   |  |
| 7                                         | 1590.2     | 350         | 414        | 414        | 415.2   |  |
| 7.5                                       | 1749.38    | 392.38      | 452        | 452        | 453     |  |
| 8                                         | 1909.12    | 433.82      | 492        | 492        | 493.5   |  |
| 8.5                                       | 2069.34    | 476.34      | 531        | 531        | 531     |  |
| 9                                         | 2230.06    | 519.58      | 570        | 570        | 570.5   |  |
| 9.5                                       | 2391.38    | 562.88      | 610        | 610        | 608.5   |  |
| 10                                        | 2553.27    | 606.57      | 648        | 648        | 648.7   |  |
| 10.5                                      | 2715.75    | 653.25      | 688        | 688        | 688.5   |  |
| 11                                        | 2878.8     | 700.8       | 728        | 728        | 728     |  |
| MAX. CAPACITY - BBL (95%)                 |            |             |            |            |         |  |
| 18019.8                                   | 3871.1     | 4116.2      | 4116.2     | 4116.2     | 4116.1  |  |
| MAX. CAPACITY - CU. FT. (95%)             |            |             |            |            |         |  |
| 89942.3                                   | 20811.2    | 23110.8     | 23110.8    | 23110.8    | 23109.9 |  |

\*ASSUMED SPECIFIC GRAVITY OF CARGO FOR ABOVE TANKS IS 1.63.