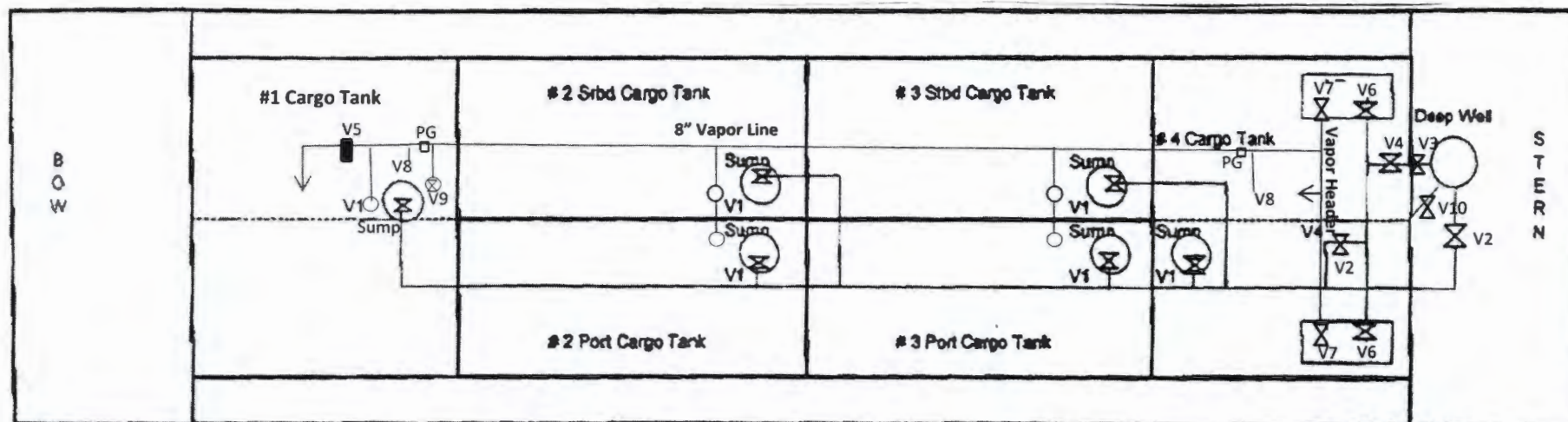


# BARGE INFO

HULL NO. 1481  
NAME: CBC-182  
OFFICIAL NO: 1027566  
YEAR BUILT: 1986  
HULL TYPE: 1 & 2  
CARGO GRADE: A & LOWER  
CARGO: SOLVENTS/LIGHT OIL

## CBC 182



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.

**AMERICAN MARINE STEEL CO. RANGE**  
**CARGO PIPING & VAPOR**  
**COLLECTION SYSTEM**  
**PIPING DIAGRAM**  
**CBC-182**

| CAPACITIES - SHORT TONS AT VARIOUS DRAUGHTS |               |             |           |           |             |           |           |
|---------------------------------------------|---------------|-------------|-----------|-----------|-------------|-----------|-----------|
| DRAFT<br>FT.                                | TOTAL<br>S.T. | TANK NUMBER |           |           |             |           | 4<br>S.T. |
|                                             |               | 1<br>S.T.   | 2<br>S.T. | 3<br>S.T. | P/S<br>S.T. | 4<br>S.T. |           |
| 2.5                                         | 240           | 64          | 82        | 82        | 82          | 82        |           |
| 3                                           | 408           | 84          | 108       | 108       | 108         | 108       |           |
| 3.5                                         | 578           | 112         | 136       | 136       | 136         | 136       |           |
| 4                                           | 747           | 142         | 180       | 180       | 180         | 180       |           |
| 4.5                                         | 916           | 172         | 216       | 216       | 216         | 216       |           |
| 5                                           | 1084          | 202         | 256       | 256       | 256         | 256       |           |
| 5.5                                         | 1251          | 231         | 296       | 296       | 296         | 296       |           |
| 6                                           | 1420          | 261         | 336       | 336       | 336         | 336       |           |
| 6.5                                         | 1588          | 291         | 376       | 376       | 376         | 376       |           |
| 7                                           | 1758          | 319         | 416       | 416       | 416         | 416       |           |
| 7.5                                         | 1926          | 348         | 456       | 456       | 456         | 456       |           |
| 8                                           | 2095          | 379         | 496       | 496       | 496         | 496       |           |
| 8.5                                         | 2264          | 408         | 536       | 536       | 536         | 536       |           |
| 9                                           | 2433          | 437         | 576       | 576       | 576         | 576       |           |
| 9.5                                         | 2601          | 467         | 616       | 616       | 616         | 616       |           |
| 10                                          | 2770          | 497         | 656       | 656       | 656         | 656       |           |
| 10.5                                        | 2939          | 527         | 696       | 696       | 696         | 696       |           |
| 11                                          | 3108          | 556         | 736       | 736       | 736         | 736       |           |
| MAX. CAPACITY - BBL. (WEL)                  |               |             |           |           |             |           |           |
| 17748                                       | 3808.8        | 4714.4      | 4714.4    | 4714.4    | 4714.4      | 4714.4    |           |
| MAX. CAPACITY - CU. FT. (WEL)               |               |             |           |           |             |           |           |
| 58885                                       | 20844         | 25485       | 25485     | 25485     | 25485       | 25485     |           |

ASSUMED SPECIFIC GRAVITY OF CARGO FOR ABOVE TONNAGE IS 1.03