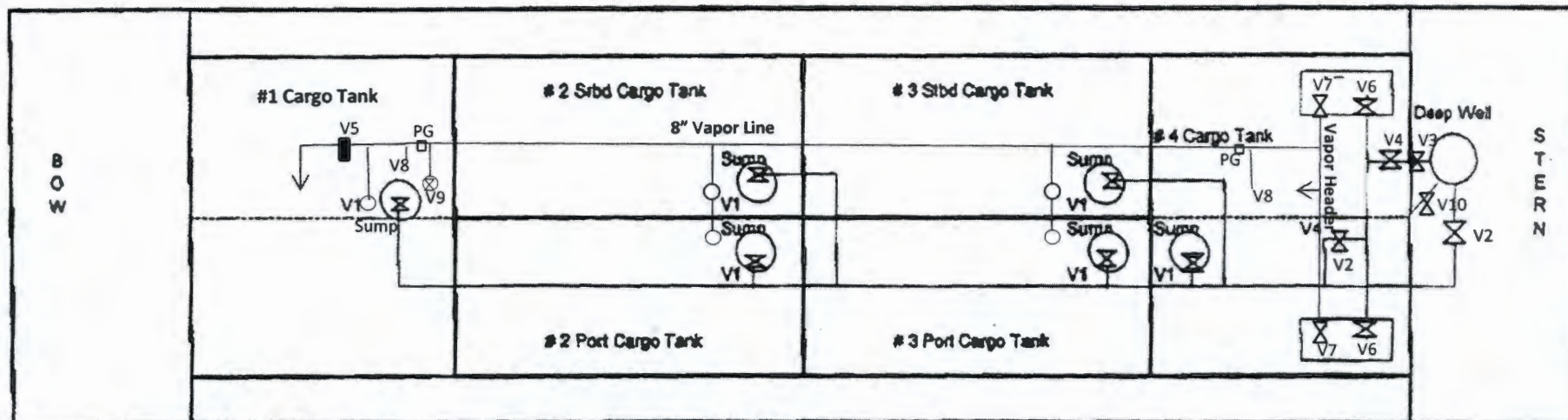


BARGE INFO

HULL NO. 1480
NAME: CBC-181
OFFICIAL NO. 1027586
YEAR BUILT: 1995
HULL TYPE: II & III
CARGO GRADE: A & LOWER
CUBCH: "O" CARGO: SOLVENTS/LIGHT CHEM.

CBC 181



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.

CANAL BARGE COMPANY, INC.

28'x44'x12' DOUBLE SKIN TANK BARGE

**CARGO PIPING & VAPOR
COLLECTION SYSTEM
PIPING DIAGRAM
CBC-181**

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	240	54	62	62	62
3	409	84	108	108	109
3.5	578	112	158	158	154
4	747	142	202	202	201
4.5	916	172	248	248	248
5	1084	202	294	294	294
5.5	1251	231	340	340	340
6	1420	261	386	386	387
6.5	1589.5	291.5	432	432	434
7	1758	319	480	480	479
7.5	1886	338	516	516	516
8	2095	379	572	572	572
8.5	2264	409	618	618	619
9	2433	437	666	666	664
9.5	2601	469	710	710	712
10	2770	497	756	756	757
10.5	2938	527	804	804	804
11	3106	556	850	850	850

MAX. CAPACITY - BBL (96%)

17749 3605.8 4714.4 4714.5 4714.3

MAX. CAPACITY - CU. FT. (96%)

89950 20244 26489 26489 26489

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