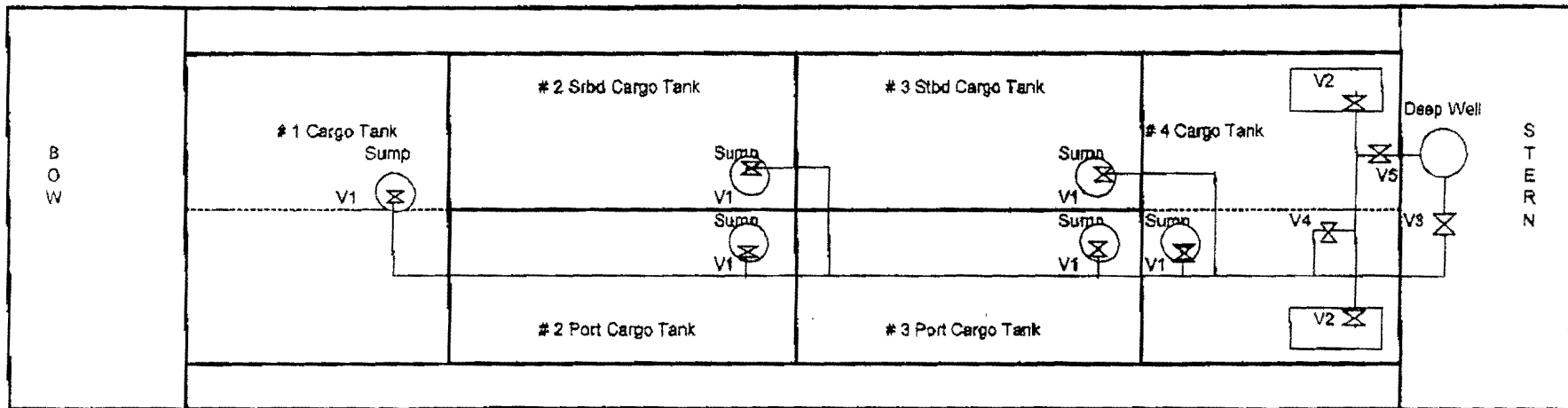


SHADE INFO

HULL NO 1483
 NAME: CBC-184
 OFFICAL NO: 1027848
 YEAR BUILT: 1990
 HULL TYPE: I & B
 CARGO GRADE: A & LOWER
 CUBICH " OF CARGO: SOLVENTS/LIGHT OILS

CBC 184



V-1 Tank Valve
 V-2 Header Valve
 V-3 Pump Suction Valve
 V-4 Loading Valve
 V-5 Discharge Valve

To Load:
 Close V-3
 Open V-2 (To Dock)
 Open V-4
 Open V-1

To Pump:
 Open V-2 (To Dock)
 Open V-3
 Open V-1
 Close V-4
 Open V-5

SPECIAL FEATURE

1. COMMON VAPOR HEADER
2. DEEPWELL PUMP
3. ENGINE DETROIT DIESEL 6-71N
4. P/V VALVE: 4" SE-WON HPV.
3 PSI PRESS, 1 PSI VAC
5. TANKS ARE LINED OR COATED.

CANAL INBOARD COMPANY, INC.

**CARGO PIPING & VAPOR
 COLLECTION SYSTEM
 PIPING DIAGRAM
 CBC-184**

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	84	82	82	82
3	408	84	108	108	108
3.5	576	112	156	156	156
4	744	142	202	202	201
4.5	912	172	248	248	248
5	1084	202	294	294	294
5.5	1251	231	340	340	340
6	1420	261	388	388	387
6.5	1588	291.8	432	432	434
7	1758	318	480	480	478
7.5	1884	338	518	518	516
8	2088	378	572	572	572
8.5	2284	408	618	618	618
9	2433	437	668	668	664
9.5	2601	468	710	710	712
10	2770	487	758	758	757
10.5	2939	527	804	804	804
11	3108	558	850	850	850

MAX. CAPACITY - BBL. (98%)

17748 3802.8 4714.4 4714.8 4714.3

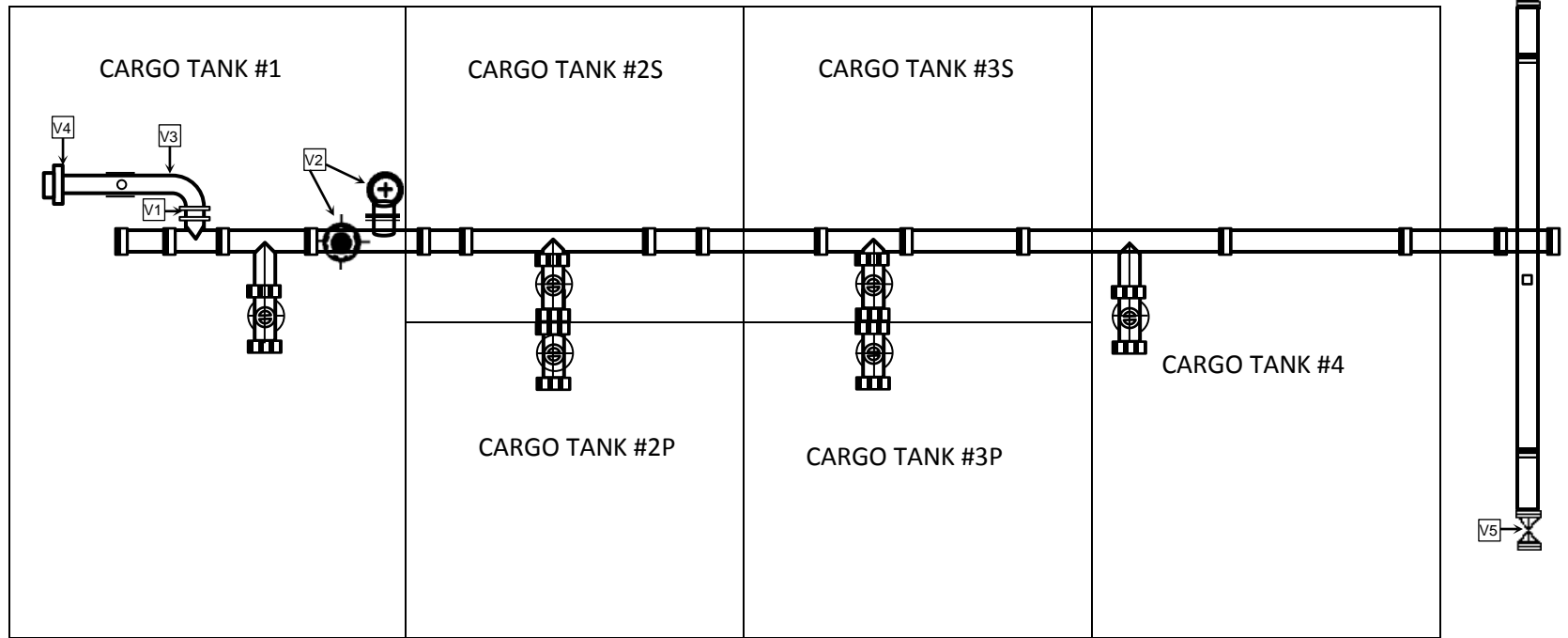
MAX. CAPACITY - CU. FT. (98%)

88888 22344 25488 25488 26488

ASSUMED SPECIFIC GRAVITY OF CARGO FOR ABOVE TANKS IS 1.83

BOW

STERN



VAPOR SYSTEM

- V1 VAPOR STACK VALVE
- V2 PRESS/VACCUM VALVE
- V3 VENT STACK
- V4 RAIN CAP
- V5 VAPOR HEADER VALVE

BARGE INFORMATION

HULL	1459	1460	1461	1462	1463	1464	1499
NAME:	CBC 180	CBC 181	CBC 182	CBC 183	CBC 184	CBC 185	CBC 186
OFF.#	1027564	1027565	1027566	1027567	1027568	1027569	1039474
YR BUILT	1995	1995	1995	1995	1995	1995	1996

BUILDER: TRINITY MARINE PRODUCTS

CANAL BARGE COMPANY, INC.



200'-0" X 54'-0" X 12'-0" DOUBLE SKIN TANK BARGE

VAPOR PIPING DIAGRAM

SCALE:	DATE: 12/21/11	DWG NO.
YARD: ASHLAND CITY	TAG NO. 96050	P-1
HULL NO. 1459-1464 & 1499	SHOP ORDER:	SHT 1 OF 1 REV. 2