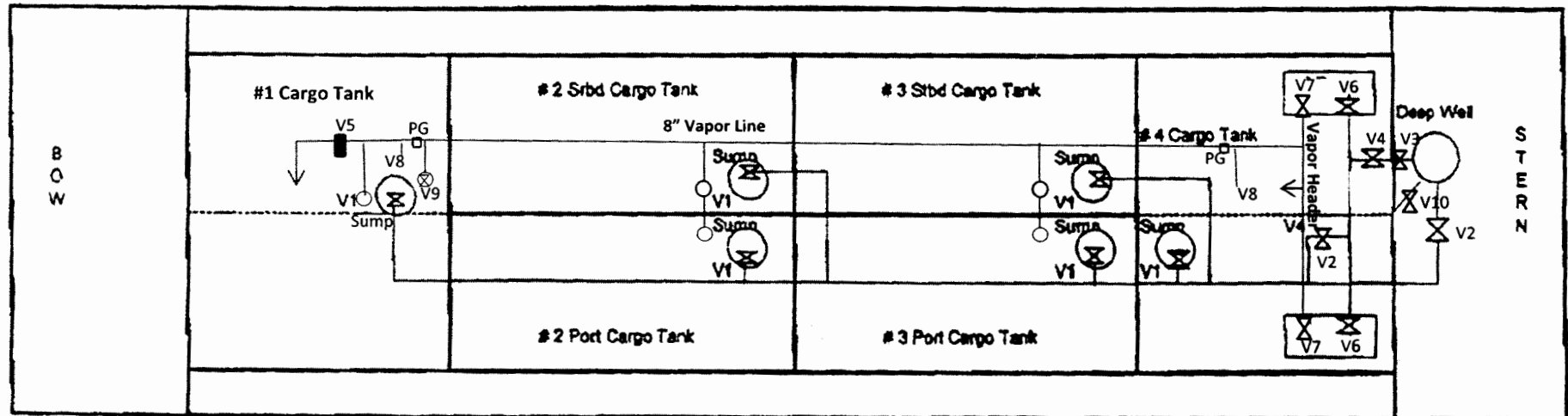


BRAC 8470

HULL NO. 1459
NAME: CBC 180
OFFICIAL NO. 1827544
YEAR BUILT: 1995
HULL TYPE: II & III
CARGO GRADES: A & LOWER
CUBIC FT. "8" CARGO SOLVENTS/LIGHT OIL

CBC 180



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 FEATURES

- COMMON VAPOR HEADER
- CARGO PUMP BLASOWER W/1075, 1000 GPM @ 128 PSI, XTRA CLEARANCE LIMITED VANCE
- ENGINE, DETROIT DIESEL 6-71H W/6.2 I TALK OPER
- P/V VALVE, 1" DC-IRON MPV
- 3 PSI PRESS, 1 PSI VAC
- TANKS ARE LINED OR COATED

PARALL-BLACK CONTRACT, INC.

EXPANDED BOTTLE WITH IT'S BARGE

CARGO PIPING & VAPOR COLLECTION SYSTEM PIPING DIAGRAM

CAPACITIES - SHORT TONS AT VARIOUS DRAFTS

DRAFT FT.	TOTAL ST	TANK NUMBER				
		1	2	3	4	5
2.5	240	84	82	82	82	
3	408	84	108	108	108	
3.5	578	112	136	136	136	
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	291.6	432	432	434	
7	1758	318	480	480	479	
7.5	1926	336	516	516	516	
8	2095	379	572	572	572	
8.5	2264	408	618	618	618	
9	2433	437	664	664	664	
9.5	2601	468	710	710	712	
10	2770	487	756	756	757	
10.5	2939	527	804	804	804	
11	3108	558	850	850	850	

MAX CAPACITY - BBL (908)

17749	3800	64714.4	4714.8	4714.3
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MAX CAPACITY - CU FT. (908)

80800	20544	3588	3588	35488
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* ASSUMED SPECIFIC GRAVITY OF CARGO FOR ABOVE TANKS IS 1.03.