



TRINITY MARINE GROUP, INC
 A TRINITY INDUSTRIES COMPANY
CANAL BARGE COMPANY, INC
 CARGO PIPING & VAPOR
 COLLECTION SYSTEM PIPING SYSTEM
 CBC 207

HULL No. 1500
 JOB No. H052
 DWG No. P-6

TO LOAD
 OPEN: 1CV1, 2PV1, 2SV1, 3PV1, 3SV1, 4CV1
 OPEN: V8
 OPEN: V4 TO DOCK
 CLOSE: V3
 CLOSE: V12
 CLOSE: 1CV9, 2PV9, 2SV9, 3PV9, 3SV9, 4CV9

TO PUMP
 OPEN: 1CV1, 2PV1, 2SV1, 3PV1, 3SV1, 4CV1
 OPEN: V3
 OPEN: V12
 OPEN: V4 TO DOCK
 CLOSE: 1CV9, 2PV9, 2SV9, 3PV9, 3SV9, 4CV9
 CLOSE: V8

TANK	VOL. 100% FULL	TANK NUMBER
1	167,088	3,731
2P	87,913	2,107
2S	88,090	2,103
3P	88,218	2,113
3S	88,778	2,093
4	180,021	4,276
TOTALS	700,108	16,423
	98% FULL	
	16,095	

CAPACITIES - SHORT TONS AT VARIOUS DRAUGHTS

DRAUGHT	TOTAL	2 1/8'	3 1/8'	4'
0'11"	68.13	68.13	68.13	68.13
1'00"	100.42	100.42	100.42	100.42
2'00"	167.09	167.09	167.09	167.09
3'00"	233.76	233.76	233.76	233.76
4'00"	300.42	300.42	300.42	300.42
5'00"	367.09	367.09	367.09	367.09
6'00"	433.76	433.76	433.76	433.76
7'00"	500.42	500.42	500.42	500.42
8'00"	567.09	567.09	567.09	567.09
9'00"	633.76	633.76	633.76	633.76
10'00"	700.42	700.42	700.42	700.42
11'00"	767.09	767.09	767.09	767.09
12'00"	833.76	833.76	833.76	833.76
13'00"	900.42	900.42	900.42	900.42
14'00"	967.09	967.09	967.09	967.09
15'00"	1033.76	1033.76	1033.76	1033.76

BARGE INFO
 HULL No 1500
 NAME CBC 207
 OFFICIAL No 1039487
 YEAR BUILT: 1996
 HULL TYPE II
 CARGO GRADE A & CERTAIN SUBCHAPTER
 "O" PRODUCTS

- SPECIAL FEATURES**
- COMMON VAPOR HEADER
 - CARGO PUMP: BRYAN JACKSON 11"LS14GH 3 STAGE, S250 AMARILLO GEAR 1:1 RATIO 2100 GPM, 3000 BPH @ 253' TDH
 - CARGO PUMP ENGINE: GENERAL MOTORS MODEL 6-71
 - P/V VALVE: 4" SE-WON HPV 3 PSI PRESS, 1 PSI VAC

VALVE IDENTIFICATION CHART

V1	CARGO TANK VALVES
V2	PUMP DISCHARGE CHECK VALVE
V3	PUMP DISCHARGE VALVE
V4	CARGO HEADER VALVE
V5	VAPOR HEADER VALVE
V6	P/V VALVE
V7	VAPOR BUTTERFLY VALVE
V8	CARGO HDR LOADING VALVE
V9	HIGH TANK DISCHARGE VALVE
V10	VAPOR DRAIN CONDENSATION VALVE
V11	CARGO PRESS. RELIEF VALVE
V12	CARGO SUCTION VALVE
V13	CARGO EMERGENCY SUCTION VALVE
V14	VAPOR SWIVEL JOINT
V15	RAIN CAP
PG	PRESS VAC GAUGE