



TANK VOL. 100% FULL			
TANK	GAL	BBL	CU. FT.
1	156,705	3,731	20,951
2P	88,489	2,107	11,831
2S	88,304	2,103	11,808
3P	88,762	2,113	11,867
3S	87,899	2,093	11,752
4	179,588	4,276	24,011
TOTALS	689,747	16,423	92,218
		98% FULL	
		16,095	

CAPACITIES - SHORT TONS AT VARIOUS HEIGHTS

HEIGHT (FT.)	TANK NUMBERS			
	(1)	(2S)	(3P)	(4)
2.50	150.42	80.13	80.07	59.82
3.00	422.95	106.43	106.23	104.48
4.00	613.42	141.55	140.09	131.82
4.50	769.31	178.53	177.69	154.40
5.00	1030.11	236.36	234.72	204.40
6.00	1540.81	355.89	353.23	309.29
7.50	1999.51	457.35	451.79	409.25
8.00	1877.81	426.35	421.86	374.84
8.50	2038.62	461.74	452.48	358.32
9.00	2284.11	502.66	516.63	391.16
10.00	2524.11	542.86	574.93	424.16
11.00	2850.52	592.12	628.72	458.49
11.50	3014.61	621.18	663.23	479.51

BARGE INFO

HULL No 1487
 NAME CBC 209
 OFFICAL No 1039489
 YEAR BUILT: 1998
 HULL TYPE II
 CARGO GRADE A & CERTAIN SUBCHAPTER
 "O" PRODUCTS

- SPECIAL FEATURES**
- COMMON VAPOR HEADER
 - CARGO PUMP: BRYAN JACKSON 11T1S14GH 3 STAGE, S250 AMARILLO GEAR 1:1 RATIO 2100 GPM, 3000 BPH @ 25.3' 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



TRINITY MARINE GROUP, INC
 A TRINITY INDUSTRIES COMPANY

CANAL BARGE COMPANY, INC
 CARGO PIPING & VAPOR
 COLLECTION SYSTEM PIPING SYSTEM
 CBC 209

HULL No. 1487
 JOB No. H050
 DMC 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: V4 TO DOCK
 CLOSE: 1CV9, 2PV9, 2SV9, 3PV9, 3SV9, 4CV9
 CLOSE: V8