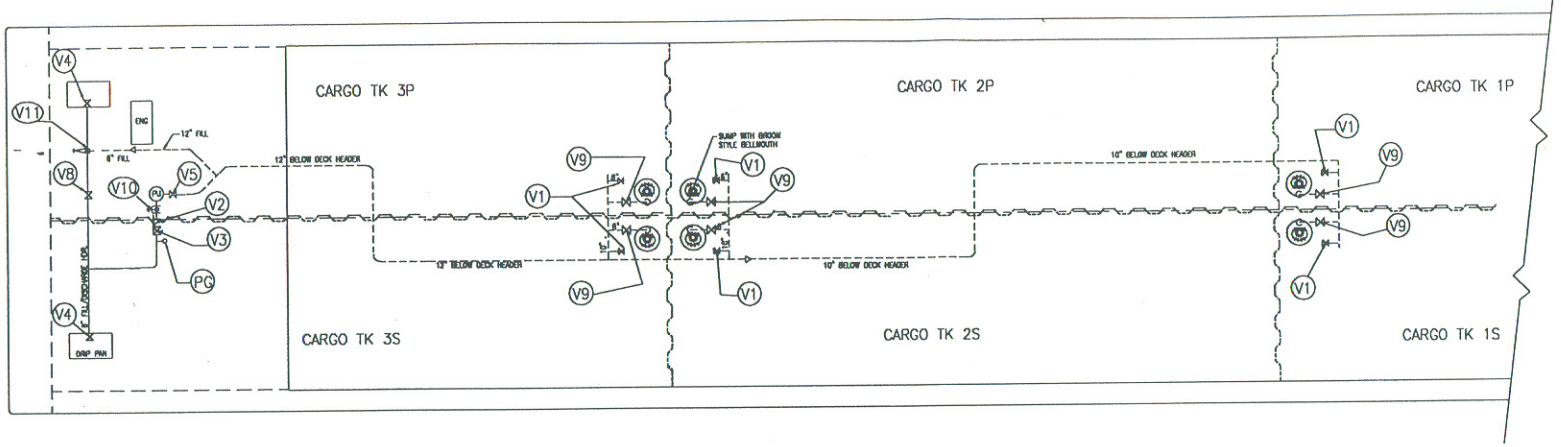

TANK VOL. 100% FULL

TANK	GAL.	BBL	CU.FT.
1P	192,321	4579	25,710
1S	192,321	4579	25,710
2P	186,978	4452	24,995
2S	186,978	4452	24,995
3P	177,013	4215	23,663
3S	177,013	4215	23,663
TOTAL	1,112,624	26,492	148,736
		98% FULL 25,962	

CAPACITIES–SHORT TONS AT VARIOUS DRAFTS TANK NUMBER

DRAFT (FT)	TOTAL (S.T.)	1 P/S (S.T.)	2 P/S (S.T.)	3 P/S (S.T.)
2.00	55.80	20.80	20.40	14.50
2.50	290.70	102.10	100.10	88.50
3.00	526.60	184.20	180.70	161.60
3.50	763.40	267.10	262.00	234.30
4.00	1001.00	350.80	344.10	306.10
4.50	1239.50	435.20	426.90	377.40
5.00	1478.80	520.30	510.40	448.00
5.50	1719.00	606.20	594.70	518.00
6.00	1960.10	693.00	679.80	587.20
6.50	2201.90	780.30	765.60	655.90
7.00	2444.70	868.60	852.20	723.90
7.50	2688.30	957.60	939.60	791.10
8.00	2932.70	1047.20	1027.60	857.90
8.50	3178.00	1137.80	1116.50	923.60
9.00	3424.20	1229.10	1206.20	988.90
9.50	3671.10	1321.10	1296.50	1053.40
10.00	3919.00	1414.00	1387.70	1117.30
10.50	4167.60	1507.60	1479.70	1180.30
11.00	4417.20	1602.00	1572.50	1242.70
11.50	4667.50	1697.20	1666.10	1304.20
MAX. CAPACITY – BBL (100 %)				
	26,644.72	9688.57	9511.40	7445.11
MAX. CAPACITY – CU. FT. (100 %)				
	149,599.36	54,397.44	53,400.64	41,801.28

VALVE IDENTIFICATION CHART

V1 HIGH LOADING VALVE
V2 PUMP DISCHARGE CHECK VALVE
V3 PUMP DISCHARGE VALVE
V4 CARGO HEADER VALVE
V5 PUMPWELL INLET VALVE
V8 CARGO HDR BLOCK VALVE
V9 CARGO TANK SUCTION VALVE
V10 CARGO PRESS. RELIEF VALVE
V11 CARGO HDR LOADING VALVE
PG PRESS GUAGE

TO LOAD

OPEN: V1,V9,V11
CLOSE: V5 AND V3
OPEN: V4 TO DOCK

TO PUMP

OPEN: V9,V5 AND V3
CLOSE: V11
OPEN: V4 TO DOCK
OPEN: V8 IF NECESSARY

SPECIAL FEATURES

1. CARGO PUMP : BRYAN JACKSON
   MODEL 12LS16GHC
   AMARILLO GEAR 1:1 RATIO
   2800 GPM, 237' TDH
   @ 207 H.P.
2. CARGO PUMP ENGINE: DETROIT DIESEL
   MODEL 8V-71 NA

BARGE INFORMATION

HULL NO. 4327
NAME : CBC 329
OFFICAL NO.: D1075786
YEAR BUILT: 1999
HULL TYPE: II
CARGO GRADE A & LOWER
SUBCHAPTER "D" PRODUCTS

TRINITY MARINE PRODUCTS, INC.

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TRINITY MARINE PRODUCTS, INC.
TANK BARGE DIVISION
1800 Mills Road – Ashland City, Tn 37015

CANAL BARGE COMPANY, INC.

207'-0" X 54'-0" X 12'-0" DOUBLE SKIN TANK BARGE

CARGO PIPING SYSTEM DIAGRAM

SCALE: N.T.S.	DATE: 03/31/99		DWG NO.
DRAWN BY: DLS	CK'D BY: D.B.	APPR BY: CK	P-1
YARD: ASHLAND CITY	TAG NO. 96020		SHT 1 OF 1
HULL NO. 4327	SHOP ORDER:		REV. 0