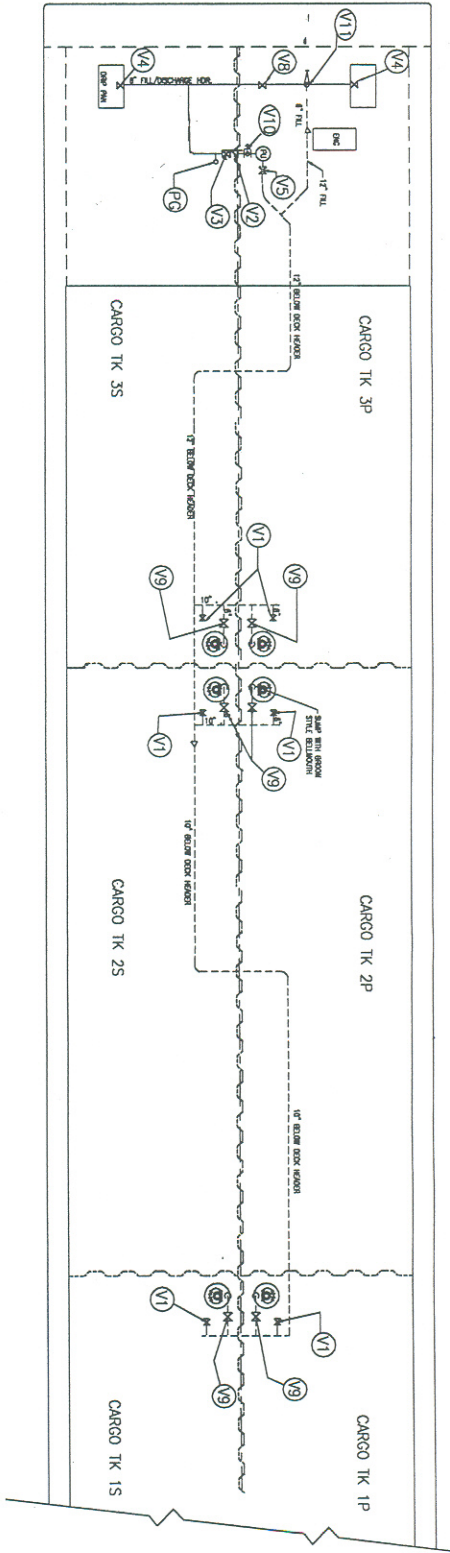


TANK VOL. 100% FULL



TANK	CALL.	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	
		25,967	

CAPACITIES - SHORT TONS AT VARIOUS DRAFTS

DRAFT TOTAL (FT)	1 P/S (S.T.)	2 P/S (S.T.)	3 P/S (S.T.)
2.00	55.80	20.80	20.40
2.50	290.70	102.10	100.10
3.00	526.60	184.20	180.70
3.50	763.40	267.10	262.00
4.00	1001.00	350.80	344.10
4.50	1239.50	435.20	426.90
5.00	1478.80	520.30	510.40
5.50	1719.00	606.20	594.70
6.00	1960.10	693.00	679.80
6.50	2201.90	780.30	765.60
7.00	2444.70	868.60	852.20
7.50	2688.50	957.60	939.60
8.00	2932.70	1047.20	1027.60
8.50	3178.00	1137.80	1116.50
9.00	3424.20	1229.10	1206.20
9.50	3671.10	1321.10	1296.50
10.00	3919.00	1414.00	1387.70
10.50	4167.60	1507.60	1479.70
11.00	4417.20	1602.00	1572.50
11.50	4667.50	1697.20	1666.10
MAX. CAPACITY - BBL (100 %)	26,644.72	9688.57	9511.40
MAX. CAPACITY - CU. FT. (100 %)	149,599.36	54,397.44	53,400.64

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 GAUGE

SPECIAL FEATURES

1. CARGO PUMP : BRYAN JACKSON
MODEL 12S16CHC
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. 4328
NAME : OGC 330
OFFICAL NO.: 01075787
YEAR BUILT: 1999
HULL TYPE: II
CARGO GRADE A & LOWER
SUBCHAPTER "D" PRODUCTS

THIRTY MARINE PRODUCTS, INC.
THIRTY MARINE PRODUCTS, INC.
CANAL BARGE COMPANY, INC.
CARGO PIPING SYSTEM DIAGRAM
DATE: 02/21/98
DRAWN BY: LKJ/ST
CHECKED BY: ST/ST
HULL NO.: 4328
SHIP ORDER: REV. 0

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