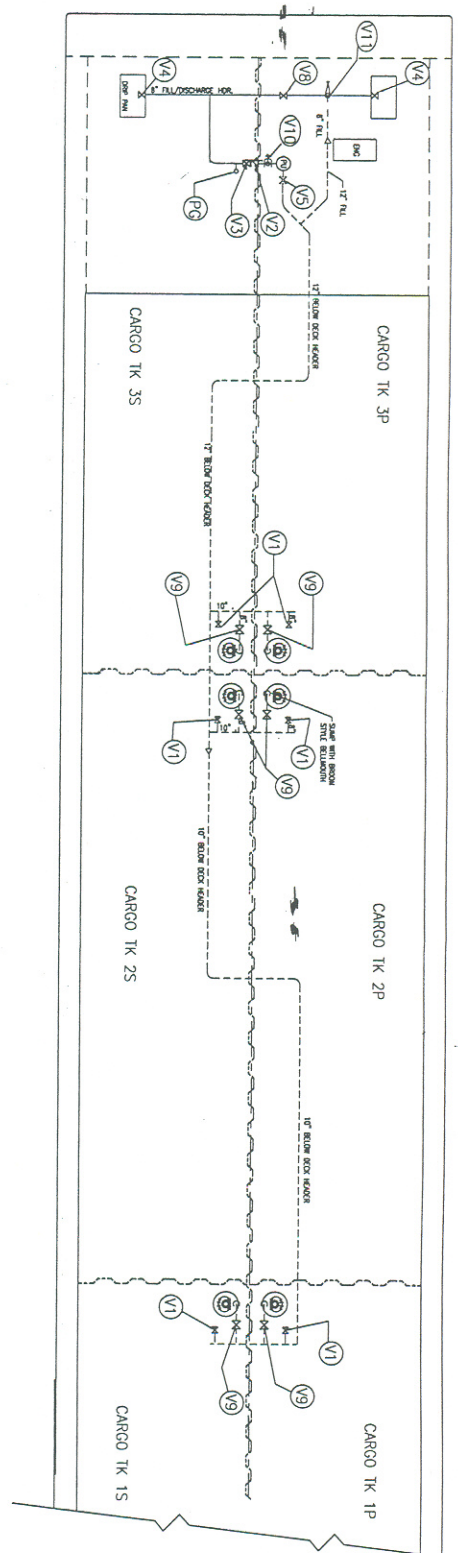


TANK VOL. 100% FULL



RECEIVED
 JUL - 7 1999
 BARGE MAINTENANCE

| TANK | GAL. | BBL | CU.FT. |
|-------|-----------|----------|---------|
| 1P | 206,622 | 4920 | 27,621 |
| 1S | 206,622 | 4920 | 27,621 |
| 2P | 205,435 | 4891 | 27,463 |
| 2S | 205,435 | 4891 | 27,463 |
| 3P | 190,750 | 4542 | 25,500 |
| 3S | 190,750 | 4542 | 25,500 |
| TOTAL | 1,205,614 | 28,706 | 161,168 |
| | | 98% FULL | |
| | | 26,132 | |

| 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 | 98.20 | 49.10 | 49.10 | 0 |
| 2.50 | 348.80 | 136.40 | 136.40 | 76.00 |
| 3.00 | 599.30 | 219.90 | 219.90 | 159.50 |
| 3.50 | 849.90 | 303.40 | 303.40 | 243.10 |
| 4.00 | 1100.50 | 386.90 | 386.90 | 326.30 |
| 4.50 | 1351.20 | 470.50 | 470.50 | 410.20 |
| 5.00 | 1601.80 | 554.00 | 554.00 | 493.70 |
| 5.50 | 1852.50 | 637.60 | 637.60 | 577.30 |
| 6.00 | 2103.30 | 721.20 | 721.20 | 660.90 |
| 6.50 | 2354.00 | 804.80 | 804.80 | 744.40 |
| 7.00 | 2604.80 | 888.40 | 888.40 | 828.00 |
| 7.50 | 2855.60 | 972.00 | 972.00 | 911.60 |
| 8.00 | 3106.40 | 1055.60 | 1055.60 | 995.20 |
| 8.50 | 3357.20 | 1139.20 | 1139.20 | 1078.80 |
| 9.00 | 3608.00 | 1222.80 | 1222.80 | 1162.50 |
| 9.50 | 3858.80 | 1306.40 | 1306.40 | 1246.10 |
| 10.00 | 4109.60 | 1390.00 | 1390.00 | 1329.70 |
| 10.50 | 4360.40 | 1473.60 | 1473.60 | 1413.30 |
| 11.00 | 4611.20 | 1557.20 | 1557.20 | 1497.00 |
| 11.50 | 4862.00 | 1640.80 | 1640.80 | 1580.60 |
| MAX. CAPACITY - BBL (100 %) | | | | |
| 27.758.00 | 9367.00 | 9367.00 | 9023.00 | |
| MAX. CAPACITY - CU. FT. (100 %) | | | | |
| 155,849.36 | 52,593.00 | 52,593.00 | 50,660.00 | |

VALVE IDENTIFICATION CHART

- V1 HIGH LOADING VALVE
- V2 PUMP DISCHARGE CHECK VALVE
- V3 PUMP DISCHARGE VALVE
- V4 CARGO HEADER VALVE
- V5 PUMPELL 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 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. 4345
 NAME : CBC 335
 OFFICAL NO.: 010769988
 YEAR BUILT: 1999
 HULL TYPE: II
 CARGO GRADE A & LOWER
 SUBCHARTER "D" PRODUCTS

| TO LOAD | | TO PUMP | |
|------------------|------------------|--------------------|-----------------------|
| OPEN: V1,V9,V11 | CLOSE: V5 AND V3 | OPEN: V9,V5 AND V3 | CLOSE: V11 |
| OPEN: V4 TO DOCK | | OPEN: V4 TO DOCK | OPEN: V8 IF NECESSARY |

TRINITY MARINE PRODUCTS, INC.
 2000 Park Blvd., Houston, TX 77058
 TRINITY MARINE PRODUCTS, INC.
 CANAL BARGE COMPANY, INC.
 8977 -th X 64 -th X 1st -th BOSTON SEEN TANK BARGE
CARGO PIPING SYSTEM DIAGRAM

SCALE: A1:5 DATE: 06/13/99 DWG NO. P-1
 DRAWING REV. NO. 1020 REV. DATE: 07/27/99 SHEET NO. 1 OF 1
 TRINITY MARINE PRODUCTS, INC. 80023
 HULL NO. 4345 SHIP ORDER REV. 0