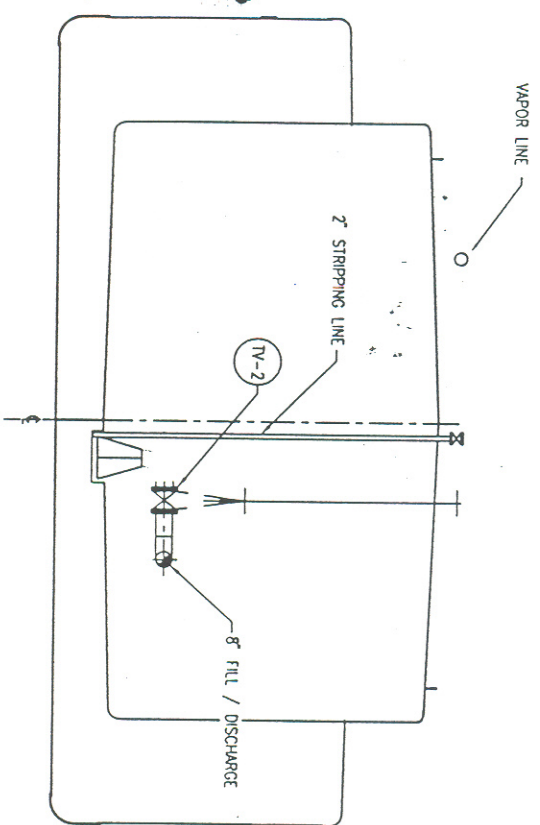


CARGO PIPING



BELOW DECK PIPING

CAPACITIES - SHORT TONS		VARIOUS PARTS		
DRAGT	TOTAL	TANK-1	TANK-2	TANK-3
FL.	P/S	P/S	P/S	P/S
2'-6"	71.96	25.73	25.73	20.51
3'-0"	178.84	59.02	59.02	60.81
3'-6"	280.25	92.48	92.48	95.28
4'-0"	382.12	126.11	126.11	129.94
4'-6"	484.60	159.92	159.92	164.76
5'-0"	587.58	193.90	193.90	199.77
5'-6"	691.05	228.05	228.05	234.96
6'-0"	795.04	262.36	262.36	270.31
6'-6"	899.56	296.86	296.86	305.85
7'-0"	1,004.61	331.52	331.52	341.57
7'-6"	1,109.83	366.24	366.24	377.34
8'-0"	1,215.58	401.14	401.14	413.30
8'-6"	1,321.86	436.19	436.19	449.41
9'-0"	1,428.49	471.40	471.40	485.69
9'-6"	1,535.67	506.77	506.77	522.13
10'-0"	1,643.31	542.29	542.29	558.72
10'-6"	1,751.43	577.97	577.97	595.49
11'-0"	1,860.03	613.81	613.81	632.41

MAX. CAPACITY - BRK (TALL)  
 10,692.21 3,578.53 3,578.53 3,835.4  
 MAX. CAPACITY - CL. FL. (95%)  
 51,035.9 16,821.9 16,821.9 19,392.1

- SPECIAL FEATURES
- 1) COMMON VAPOR HEADER
  - 2) CARGO PUMP: 11" BRONX JACKSON
  - 3) PUMP ENGINE: GM 8-71
  - 4) TANKS HAVE STEAM HEATING COILS
  - 5) COMMON CARGO HEADER
- VALVE IDENTIFICATION
- TV - TANK VALVES (NUMBERED PER TV)
  - DV - DISCHARGE VALVE
  - RV - RELIEF VALVE
  - LV - LOAD VALVE
  - PHV - PORT HEADER VALVE
  - SHV - STEB HEADER VALVE
  - SV - SUCTION VALVE

OPERATING INSTRUCTIONS

TO LOAD:

- OPEN: TV-1, TV-2, TV-3
- OPEN: LV
- OPEN: SHV OR PHV TO DOCK
- CLOSE: DV
- CLOSE: SV

TO DISCHARGE:

- OPEN: TV-1, TV-2, TV-3
- OPEN: SV
- OPEN: SHV OR PHV TO DOCK
- CLOSE: LV

schuller & oillon, Inc.  
 WASHINGTON, TEXAS

**FirstWave**  
 NEWPORT SHIPBUILDING  
 200 S. 35th S. 117-6

CBC 114  
 PIPING DIAGRAM

BARGE INFO

HULL NO.: CBC 114  
 NAME: CAROL BARGE COMPANY, INC.  
 YEAR BUILT: 1999  
 HULL TYPE: DOUBLE BOTTOM  
 CARGO GRADE: A & LOWER

NO. 319-106 41 0