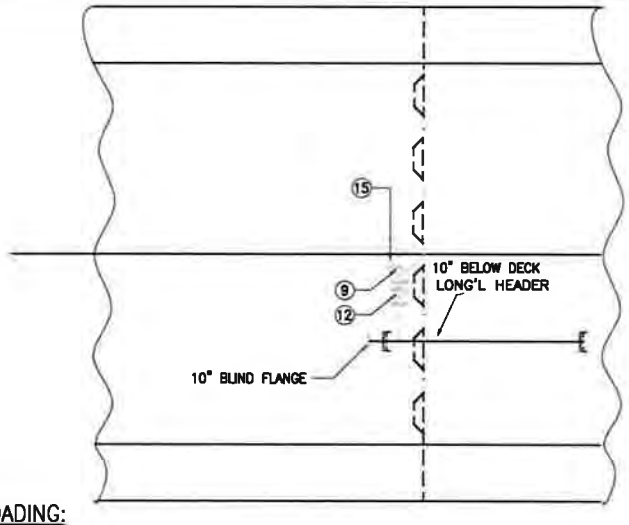
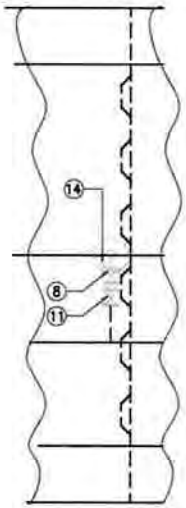
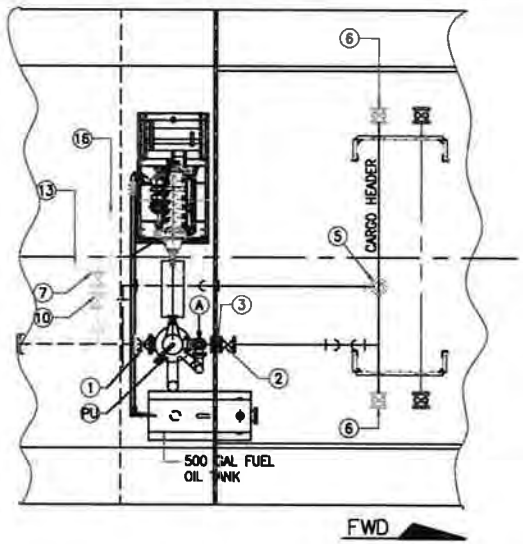




PLAN



CARGO LOADING:

A OPEN VALVES NO.:5,6,7,8,9,10,11 & 12
B CLOSE VALVES NO.:1,2
C VENT TANKS

CARGO DISCHARGE:

A OPEN VALVES NO.:1,2,6,7,8,9,10,11, & 12
B CLOSE VALVES NO.: 5
C VENT TANKS

CARGO SYSTEM VALVES

1 PUMP SUCTION VALVE
2 PUMP DISCHARGE VALVE
3 PUMP DISCHARGE CHECK VALVE
4 PRESSURE RELIEF VALVE
5 CARGO FILL VALVE
6 PORT & STBD HEADER VALVES
7 TK 1 FILL / SUCTION VALVE
8 TK 2 FILL / SUCTION VALVE
9 TK 3 FILL / SUCTION VALVE
10 TK 1 FILL / SUCTION VALVE
11 TK 2 FILL / SUCTION VALVE
12 TK 3 FILL / SUCTION VALVE
13 #1 STRIPPING VALVE
14 #2 STRIPPING VALVE
15 #3 STRIPPING VALVE
PU PUMP
16 DEEPWELL CAN STRIPPING VALVE

TANK VOL. 100% FULL

TANK	GAL.	BBL.	CU. FT.
1	147364	3508.69	19699.75
2	170247	4053.50	22758.77
3	151805	3641.40	20293.43
TOTAL	469416	11176.57	62751.95
		98% FULL 10952.06	

MAX CAPACITY – BBL (100%)			
11176.57	3508.69	4053.50	3641.40
TOTAL	CT1	CT2	CT3

MAX CAPACITY – CU. FT. (100%)			
62751.95	19699.75	22758.77	20293.43
TOTAL	CT1	CT2	CT3

CAPACITIES–SHORT TONS AT VARIOUS DRAFTS TANK NUMBER				
DRAFT (FT)	TOTAL (S.T.)	1 (S.T.)	2 (S.T.)	3 (S.T.)
6.00	793.60	252.70	284.00	256.50
6.25	846.50	271.30	305.10	270.20
6.50	899.50	289.90	325.80	283.80
6.75	952.60	308.60	346.70	297.30
7.00	1005.70	327.40	367.60	310.80
7.25	1058.90	346.30	388.50	324.20
7.50	1112.30	365.20	409.60	337.50
7.75	1165.70	384.20	430.80	350.70
8.00	1219.10	403.30	452.00	363.90
8.25	1272.70	422.40	473.30	377.00
8.50	1326.30	441.70	494.60	390.00
8.75	1380.00	461.00	516.60	403.00
9.00	1433.80	480.30	537.60	415.90
9.25	1487.60	499.70	559.10	428.70
9.4167	1523.40	512.70	573.50	437.20
9.50	1541.50	519.20	580.80	441.50
9.75	1595.50	538.80	602.50	454.20
10.00	1649.50	558.40	624.30	466.90
10.25	1703.60	578.10	646.10	479.50
10.50	1757.80	597.80	668.00	492.00

SPECIAL FEATURES

1. CARGO PUMP: BYRON JACKSON
   MODEL 11LS14GH–3
   AMARILLO GEAR S300
   2100 GPM, 253' TDH
   @ 192 H.P.
2. CARGO PUMP ENGINE: MITSUBISHI
   DIESEL MODEL S6A3–BPU

BARGE INFORMATION

YEAR BUILT: 2015
HULL TYPE: I
CARGO GRADE: A & LOWER PRODUCTS PER SUBCHAPTER "D" AND LIMITED SUBCHAPTER "O" PRODUCTS.

CANAL BARGE COMPANY	
NAME	HULL #
CBC 1380	9739
CBC 1381	9740
CBC 1382	9741
CBC 1383	9742
CBC 1384	9743
CBC 1385	9744
CBC 1386	9745
CBC 1387	9746
CBC 1388	9754
CBC 1389	9755

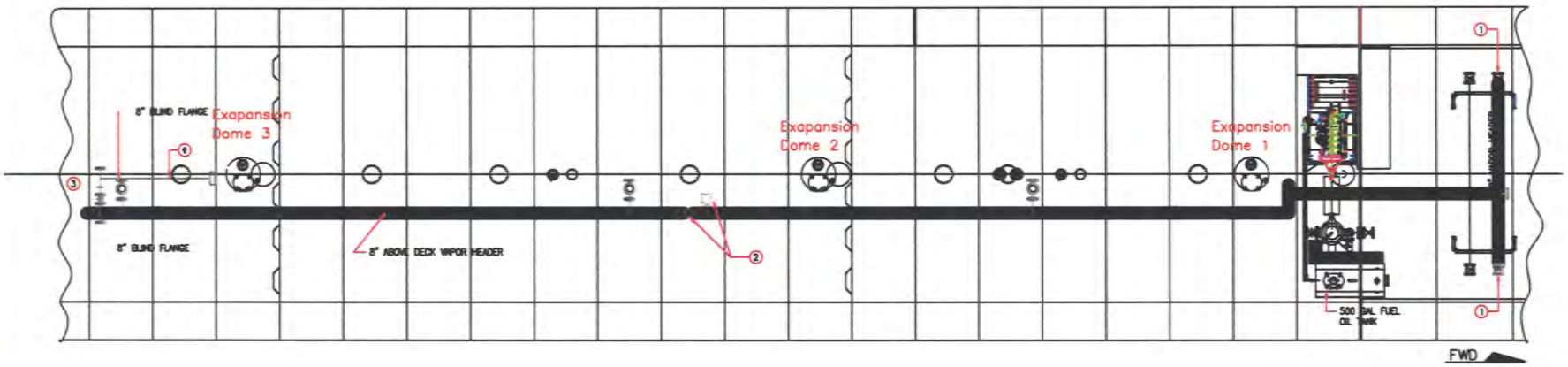
REVISIONS

MARINE SOLUTIONS, INC.

CANAL BARGE COMPANY, INC.

SKIN TANK BARGE

CARGO PIPING DIAGRAM



PLAN

VAPOR SYSTEM VALUES:

1– 8"–HEADER VALVE
2– 6"–BERGAN PV VALVE– SET @ 1.0# PSI / .5# VACUUM
3– 8" ISOLATION VALVE
4– VENT STACK

SPECIAL FEATURES

1. PRESSURE VACUUM VALVE BERGAN
   MODEL 6" KLPH
   SET AT 1.0 PRESSURE
   SET AT 0.5 PSI VACUUM

BARGE INFORMATION

YEAR BUILT: 2015
HULL TYPE: I
CARGO GRADE: A & LOWER PRODUCTS PER SUBCHAPTER "D" AND LIMITED SUBCHAPTER "O" PRODUCTS.

CANAL BARGE COMPANY	
NAME	HULL #
CBC 1380	9739
CBC 1381	9740
CBC 1382	9741
CBC 1383	9742
CBC 1384	9743
CBC 1385	9744
CBC 1386	9745
CBC 1387	9746

REVISIONS

MARINE SOLUTIONS, INC.

CANAL BARGE COMPANY, INC.

200'-0" X 35'-0" X 12'-6" DOUBLE SKIN TANK BARGE

VAPOR PIPING DIAGRAM