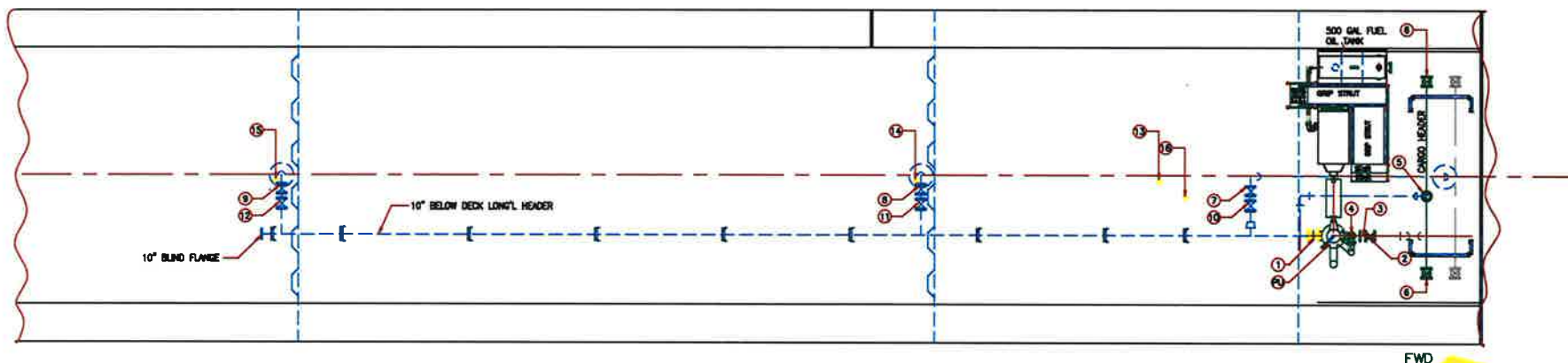




CARGO LOADING:

- 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
- 16 DEEPWELL CAN STRIPPING VALVE

TANK VOL. 100% FULL

TANK	GAL.	BBL.	CU. FT.
1	151506	3607.28	20253.41
2	190912	4545.52	25521.22
3	170306	4054.90	22766.60
TOTAL	512724	12207.70	68541.23
		98% FULL	
		11963.55	

MAX CAPACITY - BBL (100%)			
12207.70	3607.28	4545.52	4054.90
TOTAL	CT1	CT2	CT3

MAX CAPACITY - CU. FT. (100%)			
68541.23	20253.41	25521.22	22766.60
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	924.60	282.00	328.90	313.70
6.25	979.20	299.00	348.70	331.50
6.50	1033.90	316.00	368.40	349.50
6.75	1088.50	333.00	388.20	367.30
7.00	1143.10	350.00	408.00	385.10
7.25	1197.70	367.10	427.80	402.80
7.50	1252.30	384.10	447.70	420.70
7.75	1307.00	401.10	467.40	438.50
8.00	1361.60	418.10	487.20	456.30
8.25	1416.20	435.10	507.00	474.10
8.50	1470.80	452.20	526.80	491.80
8.75	1525.50	469.20	546.60	509.70
9.00	1580.10	486.20	566.40	527.50
9.25	1634.70	503.20	586.10	545.40
9.4167	1671.00	514.50	599.30	557.20
9.50	1689.17	520.20	605.90	563.07
9.75	1744.00	537.30	625.70	581.00
10.00	1798.60	554.30	645.50	598.80
10.25	1853.20	571.30	665.30	616.60
10.50	1907.80	588.30	685.10	634.40

SPECIAL FEATURES

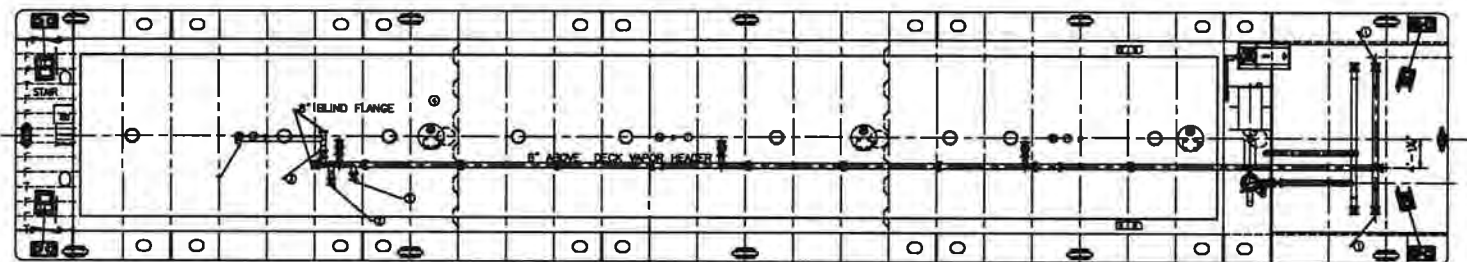
1. CARGO PUMP: BYRON JACKSON
 MODEL 11LS14GH-3
 AMARILLO GEAR S300
 2100 GPM, 253' TDH
 @ 192 H.P.
2. CARGO PUMP ENGINE: IVECO/FPT
 DIESEL MODEL PU-1173

BARGE INFORMATION

YEAR BUILT: 2018
 HULL TYPE: I
 CARGO GRADE: A & LOWER PRODUCTS PER
 SUBCHAPTER "D" AND LIMITED SUBCHAPTER "O"
 PRODUCTS. WHEN IN TOW WITH A RAKE BARGE

CANAL BARGE COMPANY	
NAME	HULL #
CBC 1400	9780
CBC 1401	9781
CBC 1402	9782
CBC 1403	9783
CBC 1404	9784
CBC 1405	9785
CBC 1408	9786
CBC 1407	9787
CBC 1408	9788
CBC 1409	9789

REV	DESCRIPTION	DATE	BY
REVISIONS MARINE SOLUTIONS, INC. MARINE SOLUTIONS, INC. 2007-01" X 35'-0" X 17'-6" DOUBLE SKIN TANK BARGE CARGO PIPING DIAGRAM (SOUTHWEST SHIPYARD) SCALE: 3/4" = 1'-0" DATE: 06/21/17 DRAWN BY: HSB CHECKED BY: HSB DESIGNED BY: HSB PROJECT NO.: SHEET NO.: 1 OF 1 SHEET NO.: 1 OF 1 SHEET NO.: 1 OF 1			



PLAN

CANAL BARGE COMPANY	
NAME	CALL #
CRG 1.102	STW
CRG 1.101	STW
CRG 1.103	STW
CRG 1.102	STW
CRG 1.104	STW
CRG 1.105	STW
CRG 1.106	STW
CRG 1.107	STW
CRG 1.108	STW
CRG 1.109	STW

VAPOR SYSTEM VALVES:

- 1- 8" HEADER VALVES
- 2- 6" BERGAN PV VALVE SET ☉
- 1.5# PSI/ 0.5# VACUUM
- 3- 8" ISOLATION VALVE
- 4- VENT STACK

2	1	EXTENDED TRAIL APPLICATION	3/14/02 BJ
1	1	REVISED VENT STACK	2/10/02 BJ
REV	DATE	DESCRIPTION	DATE
REVISIONS MARINE SOLUTIONS, INC. MARINE SOLUTIONS, INC. 200' - 6" x 34' - 6" x 12' - 6" DOUBLE-SIDED TANK BARGE VAPOR PIPING (SOUTHWEST SHIPYARD, L.P.)			
SCALE	1/4" = 1'-0"	DATE	REV
DESIGN	BY: BJ	DATE	REV
REV	DATE	DESCRIPTION	DATE
REV	DATE	DESCRIPTION	DATE