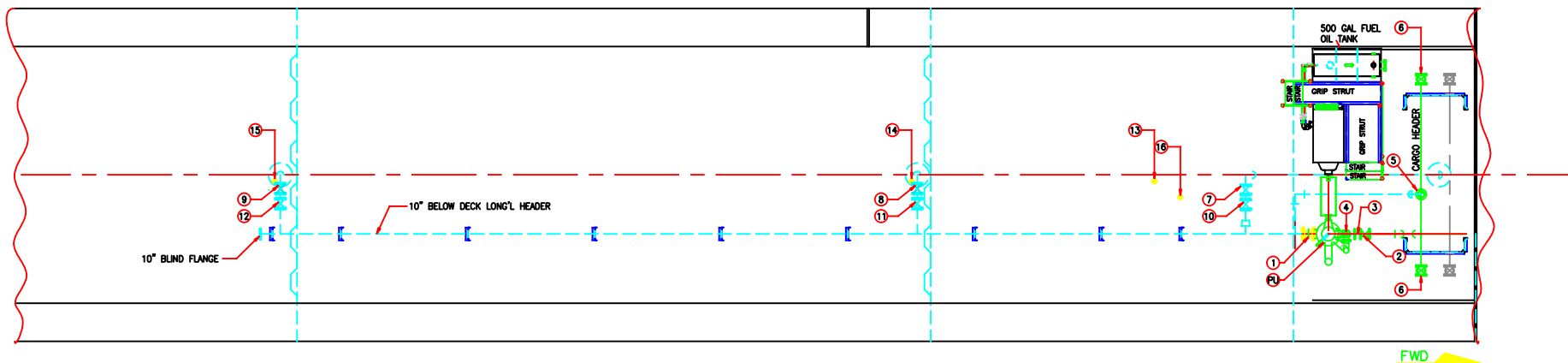




PLAN

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

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

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

CAPACITIES—SHORT TONS AT VARIOUS DRAFTS				
TANK NUMBER	DRAFT (FT)	TOTAL (S.T.)	1 (S.T.)	2 (S.T.)
	6.00	924.60	282.00	328.90
	6.25	979.20	299.00	348.70
	6.50	1033.90	316.00	368.40
	6.75	1088.50	333.00	388.20
	7.00	1143.10	350.00	408.00
	7.25	1197.70	367.10	427.80
	7.50	1252.50	384.10	447.70
	7.75	1307.00	401.10	467.40
	8.00	1361.60	418.10	487.20
	8.25	1416.20	435.10	507.00
	8.50	1470.80	452.20	526.80
	8.75	1525.50	469.20	546.60
	9.00	1580.10	486.20	566.40
	9.25	1634.70	503.20	586.10
	9.4167	1671.00	514.50	599.30
	9.50	1689.17	520.20	605.90
	9.75	1744.00	537.30	625.70
	10.00	1798.60	554.30	645.50
	10.25	1853.20	571.30	665.30
	10.50	1907.80	588.30	685.10

SPECIAL FEATURES

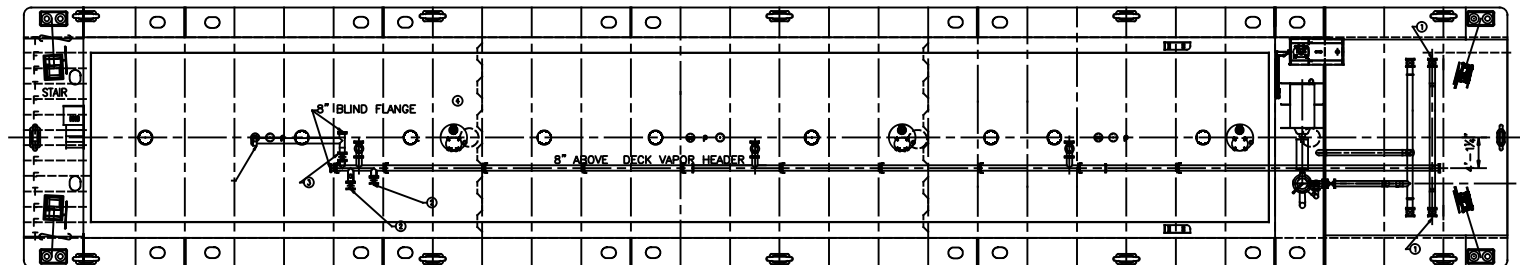
- CARGO PUMP: BYRON JACKSON
MODEL 11LS14GH-3
AMARILLO GEAR S300
2100 GPM, 253' TDH
© 192 H.P.
- CARGO PUMP ENGINE: IVECO/FPT
DIESEL MODEL PU-1173

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 1406	9786
CBC 1407	9787
CBC 1408	9788
CBC 1409	9789
CBC 1410	9813
CBC 1411	9814
CBC 1412	9815
CBC 1413	9816
CBC 1414	9817

REV	ITEM	DESCRIPTION	DATE	BY
REVISIONS				
MARINE SOLUTIONS, INC.				
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MARINE SOLUTIONS, INC.				
MARSHALL, TEXAS				
CANAL BARGE COMPANY, INC.				
200'-0" X 35'-0" X 12'-6" DOUBLE SKIN TANK BARGE				
CARGO PIPING DIAGRAM (SOUTHWEST SHIPYARD)				
SCALE: 3/16" = 1'-0"	DATE: 05/31/17	DRW NO.:		
DESIGN BY: MB	CHKD BY:	APPR BY:	1812010PUM-1	
HULL NO. -	CONTRACT NO. 0	REV. 0	PAGE 1 OF 1	



PLAN

CANAL BARGE COMPANY	
NAME	HULL #
CBC 1400	9780
CBC 1401	9781
CBC 1402	9782
CBC 1403	9783
CBC 1404	9784
CBC 1405	9785
CBC 1406	9786
CBC 1407	9787
CBC 1408	9788
CBC 1409	9789
CBC 1410	9813
CBC 1411	9814
CBC 1412	9815
CBC 1413	9816
CBC 1414	9817

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 HULL APPLICABILITY	3/14/10	BJ
1	1	REVISED VENT STACK	3/28	CK
REV	ITEM	DESCRIPTION	DATE	BY
REVISIONS				
MARINE SOLUTIONS, INC.				
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MARINE SOLUTIONS, INC. 7885 BOONE TRACE BIRMINGHAM, AL 35201 TEL: 818-384-8888 FAX: 818-482-8888 E-MAIL: MARINESOLUTIONS@GMAIL.COM				
CANAL BARGE COMPANY				
200'-0"x35'-0"x12'-6" DOUBLE-SKIN TANK BARGE				
VAPOR PIPING				
(SOUTHWEST SHIPYARD, L.P.)				
SCALE: 1/8"=1'-0"		DATE: 02/26/11		DWG NO.
DRAWN BY: ck	CHD BY:	APPR. BY:	081002DP-1	
HULL NO. 0		CONTRACT NO. 0		SHT 1 OF 2
		REV. 2		PAGE 1/1