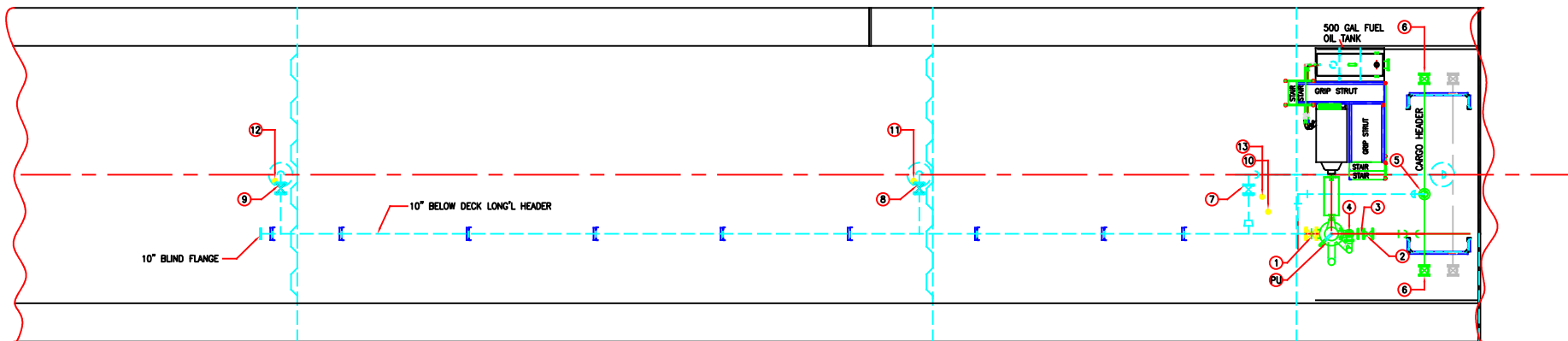




PLAN

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 #1 STRIPPING VALVE
- 11 #2 STRIPPING VALVE
- 12 #3 STRIPPING VALVE
- PU PUMP
- 13 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	1252.50	384.10	447.70	420.70
	7.75	1307.00	401.10	467.40	438.50
	8.00	1361.60	418.10	487.20	463.30
	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

- 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: 2020
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 1420	9823
CBC 1421	9824
CBC 1422	9825
CBC 1423	9826
CBC 1424	9827
CBC 1425	9833
CBC 1426	9835
CBC 1427	9837
CBC 1428	9838
CBC 1429	9839

REV	ITEM	DESCRIPTION	DATE	BY
REVISIONS				
MARINE SOLUTIONS, INC.				
Marine Solutions, Inc. warrants that the information contained herein is a true and accurate representation of the information provided to it by the client. Marine Solutions, Inc. does not warrant the accuracy, completeness, or reliability of the information provided by the client. Marine Solutions, Inc. is not responsible for any errors or omissions in the information provided by the client. Marine Solutions, Inc. is not responsible for any damages, losses, or expenses incurred by the client as a result of the use of the information provided by the client.				
MARINE SOLUTIONS, INC.				
NAUTICAL 100 BOX 1000 NASHVILLE, TN 37203 CELL: 615-564-9008 TEL: 615-662-9008 E-MAIL: MARINESOLINC@AOL.COM REGISTRATION P.O. BOX 1000 NASHVILLE, TN 37203				
CANAL BARGE COMPANY, INC.				
200'-0" X 35'-0" X 12'-6" DOUBLE SKIN TANK BARGE				
CARGO PIPING DIAGRAM (SOUTHWEST SHIPYARD)				
SCALE: 3/4" = 1'-0"		DATE: 06/21/17		DWG. NO.
DRAWN BY: MS	CHECK BY:	APPROV. BY:	161830CPLANS-1	
HULL NO. -		CONTRACT NO. 0		SHEET 1 OF 1
				REV. 0