



# BARGE "SHAMROCK 502"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4
4 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8
4 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8
5 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4
5 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 PORT IS 00-1/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 259'-09"

October 9, 2015

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**  
 P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "SHAMROCK 502"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,966.18	0	2,164.51	0	2,361.79	0		0		0		0		0		0		0	
1/4	1,970.32	1/4	2,168.62	1/4	2,365.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,974.45	1/2	2,172.73	1/2	2,370.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,978.59	3/4	2,176.84	3/4	2,374.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1,982.72	1	2,180.95	1	2,378.23	1		1		1		1		1		1		1	
1/4	1,986.86	1/4	2,185.06	1/4	2,382.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,990.99	1/2	2,189.17	1/2	2,386.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,995.13	3/4	2,193.28	3/4	2,390.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	1,999.26	2	2,197.39	2	2,394.67	2		2		2		2		2		2		2	
1/4	2,003.40	1/4	2,201.50	1/4	2,398.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,007.54	1/2	2,205.61	1/2	2,402.89	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,011.67	3/4	2,209.72	3/4	2,407.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,015.81	3	2,213.83	3	2,411.11	3		3		3		3		3		3		3	
1/4	2,019.94	1/4	2,217.94	1/4	2,415.22	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,024.08	1/2	2,222.05	1/2	2,419.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,028.21	3/4	2,226.16	3/4	2,423.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,032.35	4	2,230.27	4	2,427.55	4		4		4		4		4		4		4	
1/4	2,036.48	1/4	2,234.38	1/4	2,431.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,040.62	1/2	2,238.49	1/2	2,435.75	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,044.75	3/4	2,242.60	3/4	2,439.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,048.89	5	2,246.71	5	2,443.95	5		5		5		5		5		5		5	
1/4	2,053.02	1/4	2,250.82	1/4	2,447.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,057.16	1/2	2,254.93	1/2	2,452.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,061.30	3/4	2,259.04	3/4	2,456.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,065.43	6	2,263.15	6	2,460.12	6		6		6		6		6		6		6	
1/4	2,069.57	1/4	2,267.26	1/4	2,463.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,073.70	1/2	2,271.37	1/2	2,467.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,077.84	3/4	2,275.48	3/4	2,471.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,081.97	7	2,279.59	7	2,474.70	7		7		7		7		7		7		7	
1/4	2,086.11	1/4	2,283.70	1/4	2,477.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,090.24	1/2	2,287.81	1/2	2,480.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,094.38	3/4	2,291.92	3/4	2,483.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,098.51	8	2,296.03	8	2,487.00	8		8		8		8		8		8		8	
1/4	2,102.65	1/4	2,300.14	1/4	2,489.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,106.78	1/2	2,304.25	1/2	2,491.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,110.92	3/4	2,308.36	3/4	2,494.46	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,115.06	9	2,312.47	9	2,496.94	9		9		9		9		9		9		9	
1/4	2,119.19	1/4	2,316.58	1/4	2,498.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,123.33	1/2	2,320.69	1/2	2,500.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,127.46	3/4	2,324.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,131.60	10	2,328.91	10		10		10		10		10		10		10		10	
1/4	2,135.72	1/4	2,333.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,139.83	1/2	2,337.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,143.95	3/4	2,341.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,148.07	11	2,345.35	11		11		11		11		11		11		11		11	
1/4	2,152.18	1/4	2,349.46	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,156.29	1/2	2,353.57	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,160.40	3/4	2,357.68	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2015 CL  
CALCULATED: 10/10/2015 CL  
PRINTED: 10/10/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "SHAMROCK 502"

**1 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

**GAUGE HEIGHT 15'-02 3/4"**

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,973.83	0	2,171.97	0	2,369.08	0		0		0		0		0		0		0	
1/4	1,977.96	1/4	2,176.08	1/4	2,373.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,982.10	1/2	2,180.18	1/2	2,377.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,986.23	3/4	2,184.29	3/4	2,381.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1,990.36	1	2,188.39	1	2,385.50	1		1		1		1		1		1		1	
1/4	1,994.49	1/4	2,192.50	1/4	2,389.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,998.62	1/2	2,196.61	1/2	2,393.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,002.75	3/4	2,200.71	3/4	2,397.82	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,006.89	2	2,204.82	2	2,401.93	2		2		2		2		2		2		2	
1/4	2,011.02	1/4	2,208.93	1/4	2,406.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,015.15	1/2	2,213.03	1/2	2,410.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,019.28	3/4	2,217.14	3/4	2,414.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,023.41	3	2,221.25	3	2,418.35	3		3		3		3		3		3		3	
1/4	2,027.55	1/4	2,225.35	1/4	2,422.46	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,031.68	1/2	2,229.46	1/2	2,426.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,035.81	3/4	2,233.57	3/4	2,430.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,039.94	4	2,237.67	4	2,434.77	4		4		4		4		4		4		4	
1/4	2,044.07	1/4	2,241.78	1/4	2,438.87	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,048.20	1/2	2,245.88	1/2	2,442.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,052.34	3/4	2,249.99	3/4	2,447.06	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,056.47	5	2,254.10	5	2,451.16	5		5		5		5		5		5		5	
1/4	2,060.60	1/4	2,258.20	1/4	2,455.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,064.73	1/2	2,262.31	1/2	2,459.24	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,068.86	3/4	2,266.42	3/4	2,463.28	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,072.99	6	2,270.52	6	2,467.31	6		6		6		6		6		6		6	
1/4	2,077.13	1/4	2,274.63	1/4	2,470.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,081.26	1/2	2,278.74	1/2	2,474.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,085.39	3/4	2,282.84	3/4	2,478.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,089.52	7	2,286.95	7	2,481.88	7		7		7		7		7		7		7	
1/4	2,093.65	1/4	2,291.05	1/4	2,484.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,097.79	1/2	2,295.16	1/2	2,488.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,101.92	3/4	2,299.27	3/4	2,491.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,106.05	8	2,303.37	8	2,494.17	8		8		8		8		8		8		8	
1/4	2,110.18	1/4	2,307.48	1/4	2,496.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,114.31	1/2	2,311.59	1/2	2,499.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,118.44	3/4	2,315.69	3/4	2,501.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,122.58	9	2,319.80	9	2,504.11	9		9		9		9		9		9		9	
1/4	2,126.71	1/4	2,323.91	1/4	2,506.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,130.84	1/2	2,328.01	1/2	2,507.89	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,134.97	3/4	2,332.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,139.10	10	2,336.23	10		10		10		10		10		10		10		10	
1/4	2,143.21	1/4	2,340.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,147.32	1/2	2,344.44	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,151.43	3/4	2,348.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,155.54	11	2,352.65	11		11		11		11		11		11		11		11	
1/4	2,159.65	1/4	2,356.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,163.76	1/2	2,360.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,167.86	3/4	2,364.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2015 CL  
CALCULATED: 10/10/2015 CL  
PRINTED: 10/10/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>





# BARGE "SHAMROCK 502"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,231.47	0	2,456.54	0	2,680.57	0		0		0		0		0		0		0	
1/4	2,236.16	1/4	2,461.21	1/4	2,685.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,240.85	1/2	2,465.87	1/2	2,689.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,245.54	3/4	2,470.54	3/4	2,694.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,250.24	1	2,475.21	1	2,699.23	1		1		1		1		1		1		1	
1/4	2,254.93	1/4	2,479.88	1/4	2,703.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,259.62	1/2	2,484.54	1/2	2,708.57	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,264.31	3/4	2,489.21	3/4	2,713.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,269.01	2	2,493.88	2	2,717.90	2		2		2		2		2		2		2	
1/4	2,273.70	1/4	2,498.54	1/4	2,722.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,278.39	1/2	2,503.21	1/2	2,727.24	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,283.08	3/4	2,507.88	3/4	2,731.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,287.78	3	2,512.55	3	2,736.57	3		3		3		3		3		3		3	
1/4	2,292.47	1/4	2,517.21	1/4	2,741.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,297.16	1/2	2,521.88	1/2	2,745.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,301.85	3/4	2,526.55	3/4	2,750.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,306.55	4	2,531.21	4	2,755.23	4		4		4		4		4		4		4	
1/4	2,311.24	1/4	2,535.88	1/4	2,759.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,315.93	1/2	2,540.55	1/2	2,764.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,320.62	3/4	2,545.22	3/4	2,769.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,325.32	5	2,549.88	5	2,773.86	5		5		5		5		5		5		5	
1/4	2,330.01	1/4	2,554.55	1/4	2,778.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,334.70	1/2	2,559.22	1/2	2,783.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,339.39	3/4	2,563.89	3/4	2,787.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,344.09	6	2,568.55	6	2,792.22	6		6		6		6		6		6		6	
1/4	2,348.78	1/4	2,573.22	1/4	2,796.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,353.47	1/2	2,577.89	1/2	2,800.50	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,358.16	3/4	2,582.55	3/4	2,804.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,362.86	7	2,587.22	7	2,808.78	7		7		7		7		7		7		7	
1/4	2,367.55	1/4	2,591.89	1/4	2,812.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,372.24	1/2	2,596.56	1/2	2,815.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,376.93	3/4	2,601.22	3/4	2,819.26	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,381.63	8	2,605.89	8	2,822.76	8		8		8		8		8		8		8	
1/4	2,386.32	1/4	2,610.56	1/4	2,825.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,391.01	1/2	2,615.22	1/2	2,828.40	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,395.70	3/4	2,619.89	3/4	2,831.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,400.40	9	2,624.56	9	2,834.05	9		9		9		9		9		9		9	
1/4	2,405.09	1/4	2,629.23	1/4	2,836.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,409.78	1/2	2,633.89	1/2	2,838.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,414.47	3/4	2,638.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,419.17	10	2,643.23	10		10		10		10		10		10		10		10	
1/4	2,423.84	1/4	2,647.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,428.52	1/2	2,652.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,433.19	3/4	2,657.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,437.87	11	2,661.90	11		11		11		11		11		11		11		11	
1/4	2,442.54	1/4	2,666.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,447.21	1/2	2,671.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,451.87	3/4	2,675.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2015 CL  
CALCULATED: 10/10/2015 CL  
PRINTED: 10/10/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "SHAMROCK 502"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	8.44	0	216.61	0	440.56	0	665.54	0	890.52	0	1,115.50	0	1,340.02	0	1,564.42	0	1,789.42	0	2,014.42
1/4	11.08	1/4	221.27	1/4	445.25	1/4	670.23	1/4	895.21	1/4	1,120.19	1/4	1,344.64	1/4	1,569.11	1/4	1,794.11	1/4	2,019.11
1/2	13.72	1/2	225.92	1/2	449.93	1/2	674.91	1/2	899.89	1/2	1,124.88	1/2	1,349.26	1/2	1,573.79	1/2	1,798.79	1/2	2,023.79
3/4	16.35	3/4	230.57	3/4	454.62	3/4	679.60	3/4	904.58	3/4	1,129.56	3/4	1,353.88	3/4	1,578.48	3/4	1,803.48	3/4	2,028.48
1	18.99	1	235.23	1	459.31	1	684.29	1	909.27	1	1,134.25	1	1,358.50	1	1,583.17	1	1,808.17	1	2,033.17
1/4	22.80	1/4	239.88	1/4	463.99	1/4	688.97	1/4	913.96	1/4	1,138.94	1/4	1,363.12	1/4	1,587.86	1/4	1,812.86	1/4	2,037.86
1/2	26.60	1/2	244.53	1/2	468.68	1/2	693.66	1/2	918.64	1/2	1,143.62	1/2	1,367.74	1/2	1,592.54	1/2	1,817.54	1/2	2,042.54
3/4	30.41	3/4	249.19	3/4	473.37	3/4	698.35	3/4	923.33	3/4	1,148.31	3/4	1,372.36	3/4	1,597.23	3/4	1,822.23	3/4	2,047.23
2	34.21	2	253.84	2	478.06	2	703.04	2	928.02	2	1,153.00	2	1,376.99	2	1,601.92	2	1,826.92	2	2,051.92
1/4	38.60	1/4	258.49	1/4	482.74	1/4	707.72	1/4	932.70	1/4	1,157.68	1/4	1,381.66	1/4	1,606.61	1/4	1,831.61	1/4	2,056.61
1/2	42.98	1/2	263.15	1/2	487.43	1/2	712.41	1/2	937.39	1/2	1,162.37	1/2	1,386.33	1/2	1,611.29	1/2	1,836.29	1/2	2,061.29
3/4	47.37	3/4	267.80	3/4	492.12	3/4	717.10	3/4	942.08	3/4	1,167.06	3/4	1,391.00	3/4	1,615.98	3/4	1,840.98	3/4	2,065.98
3	51.75	3	272.45	3	496.80	3	721.78	3	946.77	3	1,171.75	3	1,395.67	3	1,620.67	3	1,845.67	3	2,070.67
1/4	56.25	1/4	277.10	1/4	501.49	1/4	726.47	1/4	951.45	1/4	1,176.43	1/4	1,400.36	1/4	1,625.36	1/4	1,850.36	1/4	2,075.36
1/2	60.75	1/2	281.76	1/2	506.18	1/2	731.16	1/2	956.14	1/2	1,181.12	1/2	1,405.04	1/2	1,630.04	1/2	1,855.04	1/2	2,080.04
3/4	65.25	3/4	286.41	3/4	510.86	3/4	735.85	3/4	960.83	3/4	1,185.81	3/4	1,409.73	3/4	1,634.73	3/4	1,859.73	3/4	2,084.73
4	69.75	4	291.06	4	515.55	4	740.53	4	965.51	4	1,190.49	4	1,414.42	4	1,639.42	4	1,864.42	4	2,089.42
1/4	74.27	1/4	295.72	1/4	520.24	1/4	745.22	1/4	970.20	1/4	1,195.18	1/4	1,419.11	1/4	1,644.11	1/4	1,869.11	1/4	2,094.11
1/2	78.79	1/2	300.37	1/2	524.93	1/2	749.91	1/2	974.89	1/2	1,199.87	1/2	1,423.79	1/2	1,648.79	1/2	1,873.79	1/2	2,098.79
3/4	83.31	3/4	305.02	3/4	529.61	3/4	754.59	3/4	979.57	3/4	1,204.56	3/4	1,428.48	3/4	1,653.48	3/4	1,878.48	3/4	2,103.48
5	87.82	5	309.68	5	534.30	5	759.28	5	984.26	5	1,209.24	5	1,433.17	5	1,658.17	5	1,883.17	5	2,108.17
1/4	92.35	1/4	314.33	1/4	538.99	1/4	763.97	1/4	988.95	1/4	1,213.93	1/4	1,437.86	1/4	1,662.86	1/4	1,887.86	1/4	2,112.86
1/2	96.87	1/2	318.98	1/2	543.67	1/2	768.66	1/2	993.64	1/2	1,218.62	1/2	1,442.54	1/2	1,667.54	1/2	1,892.54	1/2	2,117.54
3/4	101.39	3/4	323.64	3/4	548.36	3/4	773.34	3/4	998.32	3/4	1,223.30	3/4	1,447.23	3/4	1,672.23	3/4	1,897.23	3/4	2,122.23
6	105.91	6	328.29	6	553.05	6	778.03	6	1,003.01	6	1,227.99	6	1,451.92	6	1,676.92	6	1,901.92	6	2,126.92
1/4	110.43	1/4	332.95	1/4	557.74	1/4	782.72	1/4	1,007.70	1/4	1,232.68	1/4	1,456.61	1/4	1,681.61	1/4	1,906.61	1/4	2,131.61
1/2	114.96	1/2	337.61	1/2	562.42	1/2	787.40	1/2	1,012.38	1/2	1,237.37	1/2	1,461.29	1/2	1,686.29	1/2	1,911.29	1/2	2,136.29
3/4	119.49	3/4	342.27	3/4	567.11	3/4	792.09	3/4	1,017.07	3/4	1,242.05	3/4	1,465.98	3/4	1,690.98	3/4	1,915.98	3/4	2,140.98
7	124.01	7	346.93	7	571.80	7	796.78	7	1,021.76	7	1,246.74	7	1,470.67	7	1,695.67	7	1,920.67	7	2,145.67
1/4	128.54	1/4	351.60	1/4	576.48	1/4	801.47	1/4	1,026.45	1/4	1,251.43	1/4	1,475.36	1/4	1,700.36	1/4	1,925.36	1/4	2,150.36
1/2	133.07	1/2	356.26	1/2	581.17	1/2	806.15	1/2	1,031.13	1/2	1,256.11	1/2	1,480.04	1/2	1,705.04	1/2	1,930.04	1/2	2,155.04
3/4	137.60	3/4	360.92	3/4	585.86	3/4	810.84	3/4	1,035.82	3/4	1,260.80	3/4	1,484.73	3/4	1,709.73	3/4	1,934.73	3/4	2,159.73
8	142.13	8	365.59	8	590.55	8	815.53	8	1,040.51	8	1,265.49	8	1,489.42	8	1,714.42	8	1,939.42	8	2,164.42
1/4	146.77	1/4	370.27	1/4	595.23	1/4	820.21	1/4	1,045.19	1/4	1,270.18	1/4	1,494.11	1/4	1,719.11	1/4	1,944.11	1/4	2,169.11
1/2	151.41	1/2	374.95	1/2	599.92	1/2	824.90	1/2	1,049.88	1/2	1,274.86	1/2	1,498.79	1/2	1,723.79	1/2	1,948.79	1/2	2,173.79
3/4	156.05	3/4	379.63	3/4	604.61	3/4	829.59	3/4	1,054.57	3/4	1,279.55	3/4	1,503.48	3/4	1,728.48	3/4	1,953.48	3/4	2,178.48
9	160.69	9	384.31	9	609.29	9	834.27	9	1,059.26	9	1,284.24	9	1,508.17	9	1,733.17	9	1,958.17	9	2,183.17
1/4	165.37	1/4	389.00	1/4	613.98	1/4	838.96	1/4	1,063.94	1/4	1,288.92	1/4	1,512.86	1/4	1,737.86	1/4	1,962.86	1/4	2,187.86
1/2	170.05	1/2	393.69	1/2	618.67	1/2	843.65	1/2	1,068.63	1/2	1,293.61	1/2	1,517.54	1/2	1,742.54	1/2	1,967.54	1/2	2,192.54
3/4	174.72	3/4	398.37	3/4	623.36	3/4	848.34	3/4	1,073.32	3/4	1,298.30	3/4	1,522.23	3/4	1,747.23	3/4	1,972.23	3/4	2,197.23
10	179.40	10	403.06	10	628.04	10	853.02	10	1,078.00	10	1,302.98	10	1,526.92	10	1,751.92	10	1,976.92	10	2,201.92
1/4	184.05	1/4	407.75	1/4	632.73	1/4	857.71	1/4	1,082.69	1/4	1,307.62	1/4	1,531.61	1/4	1,756.61	1/4	1,981.61	1/4	2,206.61
1/2	188.71	1/2	412.44	1/2	637.42	1/2	862.40	1/2	1,087.38	1/2	1,312.26	1/2	1,536.29	1/2	1,761.29	1/2	1,986.29	1/2	2,211.29
3/4	193.36	3/4	417.12	3/4	642.10	3/4	867.08	3/4	1,092.07	3/4	1,316.89	3/4	1,540.98	3/4	1,765.98	3/4	1,990.98	3/4	2,215.98
11	198.01	11	421.81	11	646.79	11	871.77	11	1,096.75	11	1,321.53	11	1,545.67	11	1,770.67	11	1,995.67	11	2,220.67
1/4	202.66	1/4	426.50	1/4	651.48	1/4	876.46	1/4	1,101.44	1/4	1,326.15	1/4	1,550.36	1/4	1,775.36	1/4	2,000.36	1/4	2,225.36
1/2	207.31	1/2	431.18	1/2	656.17	1/2	881.15	1/2	1,106.13	1/2	1,330.77	1/2	1,555.04	1/2	1,780.04	1/2	2,005.04	1/2	2,230.04
3/4	211.96	3/4	435.87	3/4	660.85	3/4	885.83	3/4	1,110.81	3/4	1,335.39	3/4	1,559.73	3/4	1,784.73	3/4	2,009.73	3/4	2,234.73

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER HATCH.  
 GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 26'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>





# BARGE "SHAMROCK 502"

**2 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,239.42	0	2,464.24	0	2,688.02	0		0		0		0		0		0		0	
1/4	2,244.11	1/4	2,468.90	1/4	2,692.68	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,248.79	1/2	2,473.56	1/2	2,697.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,253.48	3/4	2,478.22	3/4	2,702.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,258.17	1	2,482.88	1	2,706.66	1		1		1		1		1		1		1	
1/4	2,262.86	1/4	2,487.55	1/4	2,711.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,267.54	1/2	2,492.21	1/2	2,715.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,272.23	3/4	2,496.87	3/4	2,720.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,276.92	2	2,501.53	2	2,725.31	2		2		2		2		2		2		2	
1/4	2,281.61	1/4	2,506.19	1/4	2,729.98	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,286.29	1/2	2,510.86	1/2	2,734.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,290.98	3/4	2,515.52	3/4	2,739.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,295.67	3	2,520.18	3	2,743.96	3		3		3		3		3		3		3	
1/4	2,300.36	1/4	2,524.84	1/4	2,748.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,305.04	1/2	2,529.51	1/2	2,753.28	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,309.73	3/4	2,534.17	3/4	2,757.94	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,314.42	4	2,538.83	4	2,762.60	4		4		4		4		4		4		4	
1/4	2,319.11	1/4	2,543.49	1/4	2,767.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,323.79	1/2	2,548.15	1/2	2,771.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,328.48	3/4	2,552.82	3/4	2,776.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,333.17	5	2,557.48	5	2,781.21	5		5		5		5		5		5		5	
1/4	2,337.86	1/4	2,562.14	1/4	2,785.80	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,342.54	1/2	2,566.80	1/2	2,790.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,347.23	3/4	2,571.46	3/4	2,794.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,351.92	6	2,576.13	6	2,799.55	6		6		6		6		6		6		6	
1/4	2,356.61	1/4	2,580.79	1/4	2,803.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,361.29	1/2	2,585.45	1/2	2,807.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,365.98	3/4	2,590.11	3/4	2,811.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,370.67	7	2,594.77	7	2,816.09	7		7		7		7		7		7		7	
1/4	2,375.36	1/4	2,599.44	1/4	2,819.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,380.04	1/2	2,604.10	1/2	2,823.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,384.73	3/4	2,608.76	3/4	2,826.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,389.42	8	2,613.42	8	2,830.05	8		8		8		8		8		8		8	
1/4	2,394.11	1/4	2,618.08	1/4	2,832.87	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,398.79	1/2	2,622.75	1/2	2,835.69	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,403.48	3/4	2,627.41	3/4	2,838.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,408.17	9	2,632.07	9	2,841.33	9		9		9		9		9		9		9	
1/4	2,412.86	1/4	2,636.73	1/4	2,843.48	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,417.54	1/2	2,641.40	1/2	2,845.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,422.23	3/4	2,646.06	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,426.92	10	2,650.72	10		10		10		10		10		10		10		10	
1/4	2,431.59	1/4	2,655.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,436.25	1/2	2,660.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,440.92	3/4	2,664.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,445.59	11	2,669.37	11		11		11		11		11		11		11		11	
1/4	2,450.25	1/4	2,674.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,454.91	1/2	2,678.69	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,459.57	3/4	2,683.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2015 CL  
CALCULATED: 10/10/2015 CL  
PRINTED: 10/10/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>

**BARGE "SHAMROCK 502"****3 PORT  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	7.69	0	193.78	0	387.15	0	589.84	0	792.53	0	995.22	0	1,197.50	0	1,399.67	0	1,602.38	0	1,805.09
1/4	10.06	1/4	197.76	1/4	391.37	1/4	594.06	1/4	796.75	1/4	999.44	1/4	1,201.67	1/4	1,403.90	1/4	1,606.61	1/4	1,809.31
1/2	12.44	1/2	201.75	1/2	395.59	1/2	598.28	1/2	800.97	1/2	1,003.66	1/2	1,205.83	1/2	1,408.12	1/2	1,610.83	1/2	1,813.54
3/4	14.82	3/4	205.74	3/4	399.82	3/4	602.51	3/4	805.20	3/4	1,007.89	3/4	1,209.99	3/4	1,412.34	3/4	1,615.05	3/4	1,817.76
1	17.19	1	209.72	1	404.04	1	606.73	1	809.42	1	1,012.11	1	1,214.16	1	1,416.57	1	1,619.28	1	1,821.98
1/4	20.62	1/4	213.71	1/4	408.26	1/4	610.95	1/4	813.64	1/4	1,016.33	1/4	1,218.32	1/4	1,420.79	1/4	1,623.50	1/4	1,826.21
1/2	24.05	1/2	217.70	1/2	412.49	1/2	615.18	1/2	817.86	1/2	1,020.55	1/2	1,222.48	1/2	1,425.01	1/2	1,627.72	1/2	1,830.43
3/4	27.48	3/4	221.68	3/4	416.71	3/4	619.40	3/4	822.09	3/4	1,024.78	3/4	1,226.65	3/4	1,429.24	3/4	1,631.94	3/4	1,834.65
2	30.91	2	225.67	2	420.93	2	623.62	2	826.31	2	1,029.00	2	1,230.81	2	1,433.46	2	1,636.17	2	1,838.88
1/4	34.86	1/4	229.66	1/4	425.15	1/4	627.84	1/4	830.53	1/4	1,033.22	1/4	1,235.02	1/4	1,437.68	1/4	1,640.39	1/4	1,843.10
1/2	38.81	1/2	233.64	1/2	429.38	1/2	632.07	1/2	834.76	1/2	1,037.45	1/2	1,239.23	1/2	1,441.91	1/2	1,644.61	1/2	1,847.32
3/4	42.76	3/4	237.63	3/4	433.60	3/4	636.29	3/4	838.98	3/4	1,041.67	3/4	1,243.43	3/4	1,446.13	3/4	1,648.84	3/4	1,851.55
3	46.71	3	241.62	3	437.82	3	640.51	3	843.20	3	1,045.89	3	1,247.64	3	1,450.35	3	1,653.06	3	1,855.77
1/4	50.76	1/4	245.60	1/4	442.04	1/4	644.73	1/4	847.42	1/4	1,050.11	1/4	1,251.87	1/4	1,454.57	1/4	1,657.28	1/4	1,859.99
1/2	54.82	1/2	249.59	1/2	446.27	1/2	648.96	1/2	851.65	1/2	1,054.34	1/2	1,256.09	1/2	1,458.80	1/2	1,661.51	1/2	1,864.22
3/4	58.87	3/4	253.58	3/4	450.49	3/4	653.18	3/4	855.87	3/4	1,058.56	3/4	1,260.31	3/4	1,463.02	3/4	1,665.73	3/4	1,868.44
4	62.93	4	257.57	4	454.71	4	657.40	4	860.09	4	1,062.78	4	1,264.54	4	1,467.24	4	1,669.95	4	1,872.66
1/4	67.00	1/4	261.55	1/4	458.94	1/4	661.63	1/4	864.31	1/4	1,067.00	1/4	1,268.76	1/4	1,471.47	1/4	1,674.18	1/4	1,876.88
1/2	71.07	1/2	265.54	1/2	463.16	1/2	665.85	1/2	868.54	1/2	1,071.23	1/2	1,272.98	1/2	1,475.69	1/2	1,678.40	1/2	1,881.11
3/4	75.14	3/4	269.53	3/4	467.38	3/4	670.07	3/4	872.76	3/4	1,075.45	3/4	1,277.20	3/4	1,479.91	3/4	1,682.62	3/4	1,885.33
5	79.21	5	273.51	5	471.60	5	674.29	5	876.98	5	1,079.67	5	1,281.43	5	1,484.14	5	1,686.85	5	1,889.55
1/4	83.28	1/4	277.50	1/4	475.83	1/4	678.52	1/4	881.21	1/4	1,083.90	1/4	1,285.65	1/4	1,488.36	1/4	1,691.07	1/4	1,893.78
1/2	87.35	1/2	281.49	1/2	480.05	1/2	682.74	1/2	885.43	1/2	1,088.12	1/2	1,289.87	1/2	1,492.58	1/2	1,695.29	1/2	1,898.00
3/4	91.42	3/4	285.47	3/4	484.27	3/4	686.96	3/4	889.65	3/4	1,092.34	3/4	1,294.10	3/4	1,496.81	3/4	1,699.51	3/4	1,902.22
6	95.50	6	289.46	6	488.49	6	691.18	6	893.87	6	1,096.56	6	1,298.32	6	1,501.03	6	1,703.74	6	1,906.45
1/4	99.57	1/4	293.45	1/4	492.72	1/4	695.41	1/4	898.10	1/4	1,100.79	1/4	1,302.54	1/4	1,505.25	1/4	1,707.96	1/4	1,910.67
1/2	103.65	1/2	297.45	1/2	496.94	1/2	699.63	1/2	902.32	1/2	1,105.01	1/2	1,306.77	1/2	1,509.47	1/2	1,712.18	1/2	1,914.89
3/4	107.73	3/4	301.44	3/4	501.16	3/4	703.85	3/4	906.54	3/4	1,109.23	3/4	1,310.99	3/4	1,513.70	3/4	1,716.41	3/4	1,919.12
7	111.80	7	305.44	7	505.39	7	708.07	7	910.76	7	1,113.45	7	1,315.21	7	1,517.92	7	1,720.63	7	1,923.34
1/4	115.88	1/4	309.44	1/4	509.61	1/4	712.30	1/4	914.99	1/4	1,117.68	1/4	1,319.44	1/4	1,522.14	1/4	1,724.85	1/4	1,927.56
1/2	119.96	1/2	313.43	1/2	513.83	1/2	716.52	1/2	919.21	1/2	1,121.90	1/2	1,323.66	1/2	1,526.37	1/2	1,729.08	1/2	1,931.78
3/4	124.04	3/4	317.43	3/4	518.05	3/4	720.74	3/4	923.43	3/4	1,126.12	3/4	1,327.88	3/4	1,530.59	3/4	1,733.30	3/4	1,936.01
8	128.12	8	321.43	8	522.28	8	724.97	8	927.66	8	1,130.34	8	1,332.10	8	1,534.81	8	1,737.52	8	1,940.23
1/4	132.30	1/4	325.44	1/4	526.50	1/4	729.19	1/4	931.88	1/4	1,134.57	1/4	1,336.33	1/4	1,539.04	1/4	1,741.75	1/4	1,944.45
1/2	136.48	1/2	329.46	1/2	530.72	1/2	733.41	1/2	936.10	1/2	1,138.79	1/2	1,340.55	1/2	1,543.26	1/2	1,745.97	1/2	1,948.68
3/4	140.66	3/4	333.47	3/4	534.94	3/4	737.63	3/4	940.32	3/4	1,143.01	3/4	1,344.77	3/4	1,547.48	3/4	1,750.19	3/4	1,952.90
9	144.84	9	337.49	9	539.17	9	741.86	9	944.55	9	1,147.24	9	1,349.00	9	1,551.71	9	1,754.41	9	1,957.12
1/4	149.05	1/4	341.51	1/4	543.39	1/4	746.08	1/4	948.77	1/4	1,151.46	1/4	1,353.22	1/4	1,555.93	1/4	1,758.64	1/4	1,961.35
1/2	153.27	1/2	345.53	1/2	547.61	1/2	750.30	1/2	952.99	1/2	1,155.68	1/2	1,357.44	1/2	1,560.15	1/2	1,762.86	1/2	1,965.57
3/4	157.48	3/4	349.55	3/4	551.83	3/4	754.52	3/4	957.21	3/4	1,159.90	3/4	1,361.67	3/4	1,564.38	3/4	1,767.08	3/4	1,969.79
10	161.69	10	353.57	10	556.06	10	758.75	10	961.44	10	1,164.13	10	1,365.89	10	1,568.60	10	1,771.31	10	1,974.02
1/4	165.73	1/4	357.74	1/4	560.28	1/4	762.97	1/4	965.66	1/4	1,168.31	1/4	1,370.11	1/4	1,572.82	1/4	1,775.53	1/4	1,978.24
1/2	169.77	1/2	361.91	1/2	564.50	1/2	767.19	1/2	969.88	1/2	1,172.49	1/2	1,374.34	1/2	1,577.04	1/2	1,779.75	1/2	1,982.46
3/4	173.80	3/4	366.09	3/4	568.73	3/4	771.42	3/4	974.10	3/4	1,176.67	3/4	1,378.56	3/4	1,581.27	3/4	1,783.98	3/4	1,986.69
11	177.84	11	370.26	11	572.95	11	775.64	11	978.33	11	1,180.85	11	1,382.78	11	1,585.49	11	1,788.20	11	1,990.91
1/4	181.82	1/4	374.48	1/4	577.17	1/4	779.86	1/4	982.55	1/4	1,185.01	1/4	1,387.01	1/4	1,589.71	1/4	1,792.42	1/4	1,995.13
1/2	185.81	1/2	378.70	1/2	581.39	1/2	784.08	1/2	986.77	1/2	1,189.18	1/2	1,391.23	1/2	1,593.94	1/2	1,796.65	1/2	1,999.35
3/4	189.79	3/4	382.93	3/4	585.62	3/4	788.31	3/4	991.00	3/4	1,193.34	3/4	1,395.45	3/4	1,598.16	3/4	1,800.87	3/4	2,003.58

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER HATCH.  
 GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 25'-03" FORWARD OF AFT BULKHEAD.

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "SHAMROCK 502"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,007.80	0	2,210.34	0	2,411.84	0		0		0		0		0		0		0	
1/4	2,012.02	1/4	2,214.54	1/4	2,416.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,016.25	1/2	2,218.74	1/2	2,420.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,020.47	3/4	2,222.94	3/4	2,424.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,024.69	1	2,227.13	1	2,428.63	1		1		1		1		1		1		1	
1/4	2,028.92	1/4	2,231.33	1/4	2,432.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,033.14	1/2	2,235.53	1/2	2,437.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,037.36	3/4	2,239.73	3/4	2,441.22	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,041.59	2	2,243.93	2	2,445.42	2		2		2		2		2		2		2	
1/4	2,045.81	1/4	2,248.12	1/4	2,449.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,050.03	1/2	2,252.32	1/2	2,453.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,054.25	3/4	2,256.52	3/4	2,458.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,058.48	3	2,260.72	3	2,462.21	3		3		3		3		3		3		3	
1/4	2,062.70	1/4	2,264.91	1/4	2,466.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,066.92	1/2	2,269.11	1/2	2,470.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,071.15	3/4	2,273.31	3/4	2,474.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,075.37	4	2,277.51	4	2,479.00	4		4		4		4		4		4		4	
1/4	2,079.59	1/4	2,281.71	1/4	2,483.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,083.82	1/2	2,285.90	1/2	2,487.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,088.04	3/4	2,290.10	3/4	2,491.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,092.26	5	2,294.30	5	2,495.76	5		5		5		5		5		5		5	
1/4	2,096.49	1/4	2,298.50	1/4	2,499.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,100.71	1/2	2,302.70	1/2	2,504.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,104.93	3/4	2,306.89	3/4	2,508.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,109.16	6	2,311.09	6	2,512.27	6		6		6		6		6		6		6	
1/4	2,113.38	1/4	2,315.29	1/4	2,515.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,117.60	1/2	2,319.49	1/2	2,519.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,121.82	3/4	2,323.68	3/4	2,523.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,126.05	7	2,327.88	7	2,527.16	7		7		7		7		7		7		7	
1/4	2,130.27	1/4	2,332.08	1/4	2,530.30	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,134.49	1/2	2,336.28	1/2	2,533.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,138.72	3/4	2,340.48	3/4	2,536.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,142.94	8	2,344.67	8	2,539.73	8		8		8		8		8		8		8	
1/4	2,147.16	1/4	2,348.87	1/4	2,542.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,151.39	1/2	2,353.07	1/2	2,544.81	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,155.61	3/4	2,357.27	3/4	2,547.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,159.83	9	2,361.46	9	2,549.88	9		9		9		9		9		9		9	
1/4	2,164.06	1/4	2,365.66	1/4	2,551.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,168.28	1/2	2,369.86	1/2	2,553.75	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,172.50	3/4	2,374.06	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,176.72	10	2,378.26	10		10		10		10		10		10		10		10	
1/4	2,180.93	1/4	2,382.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,185.14	1/2	2,386.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,189.35	3/4	2,390.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,193.55	11	2,395.05	11		11		11		11		11		11		11		11	
1/4	2,197.75	1/4	2,399.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,201.95	1/2	2,403.44	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,206.15	3/4	2,407.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2015 CL  
CALCULATED: 10/10/2015 CL  
PRINTED: 10/10/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "SHAMROCK 502"

3 STBD

## INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	7.70	0	195.45	0	397.38	0	600.34	0	803.29	0	1,006.25	0	1,208.80	0	1,411.24	0	1,614.22	0	1,817.20
1/4	10.08	1/4	199.65	1/4	401.61	1/4	604.56	1/4	807.52	1/4	1,010.48	1/4	1,212.97	1/4	1,415.47	1/4	1,618.45	1/4	1,821.42
1/2	12.46	1/2	203.84	1/2	405.83	1/2	608.79	1/2	811.75	1/2	1,014.71	1/2	1,217.14	1/2	1,419.70	1/2	1,622.68	1/2	1,825.65
3/4	14.83	3/4	208.04	3/4	410.06	3/4	613.02	3/4	815.98	3/4	1,018.94	3/4	1,221.31	3/4	1,423.93	3/4	1,626.90	3/4	1,829.88
1	17.21	1	212.23	1	414.29	1	617.25	1	820.21	1	1,023.17	1	1,225.48	1	1,428.16	1	1,631.13	1	1,834.11
1/4	20.65	1/4	216.42	1/4	418.52	1/4	621.48	1/4	824.44	1/4	1,027.39	1/4	1,229.65	1/4	1,432.38	1/4	1,635.36	1/4	1,838.34
1/2	24.08	1/2	220.62	1/2	422.75	1/2	625.71	1/2	828.66	1/2	1,031.62	1/2	1,233.81	1/2	1,436.61	1/2	1,639.59	1/2	1,842.57
3/4	27.51	3/4	224.81	3/4	426.98	3/4	629.93	3/4	832.89	3/4	1,035.85	3/4	1,237.98	3/4	1,440.84	3/4	1,643.82	3/4	1,846.80
2	30.95	2	229.01	2	431.20	2	634.16	2	837.12	2	1,040.08	2	1,242.15	2	1,445.07	2	1,648.05	2	1,851.03
1/4	34.90	1/4	233.20	1/4	435.43	1/4	638.39	1/4	841.35	1/4	1,044.31	1/4	1,246.37	1/4	1,449.30	1/4	1,652.28	1/4	1,855.25
1/2	38.86	1/2	237.40	1/2	439.66	1/2	642.62	1/2	845.58	1/2	1,048.54	1/2	1,250.58	1/2	1,453.53	1/2	1,656.51	1/2	1,859.48
3/4	42.82	3/4	241.59	3/4	443.89	3/4	646.85	3/4	849.80	3/4	1,052.76	3/4	1,254.79	3/4	1,457.76	3/4	1,660.73	3/4	1,863.71
3	46.77	3	245.79	3	448.12	3	651.07	3	854.03	3	1,056.99	3	1,259.01	3	1,461.99	3	1,664.96	3	1,867.94
1/4	50.83	1/4	249.98	1/4	452.34	1/4	655.30	1/4	858.26	1/4	1,061.22	1/4	1,263.24	1/4	1,466.21	1/4	1,669.19	1/4	1,872.17
1/2	54.89	1/2	254.17	1/2	456.57	1/2	659.53	1/2	862.49	1/2	1,065.45	1/2	1,267.47	1/2	1,470.44	1/2	1,673.42	1/2	1,876.40
3/4	58.95	3/4	258.37	3/4	460.80	3/4	663.76	3/4	866.72	3/4	1,069.68	3/4	1,271.69	3/4	1,474.67	3/4	1,677.65	3/4	1,880.63
4	63.01	4	262.56	4	465.03	4	667.99	4	870.95	4	1,073.90	4	1,275.92	4	1,478.90	4	1,681.88	4	1,884.86
1/4	67.09	1/4	266.76	1/4	469.26	1/4	672.22	1/4	875.17	1/4	1,078.13	1/4	1,280.15	1/4	1,483.13	1/4	1,686.11	1/4	1,889.08
1/2	71.16	1/2	270.95	1/2	473.49	1/2	676.44	1/2	879.40	1/2	1,082.36	1/2	1,284.38	1/2	1,487.36	1/2	1,690.34	1/2	1,893.31
3/4	75.24	3/4	275.15	3/4	477.71	3/4	680.67	3/4	883.63	3/4	1,086.59	3/4	1,288.61	3/4	1,491.59	3/4	1,694.56	3/4	1,897.54
5	79.31	5	279.34	5	481.94	5	684.90	5	887.86	5	1,090.82	5	1,292.84	5	1,495.81	5	1,698.79	5	1,901.77
1/4	83.39	1/4	283.53	1/4	486.17	1/4	689.13	1/4	892.09	1/4	1,095.05	1/4	1,297.07	1/4	1,500.04	1/4	1,703.02	1/4	1,906.00
1/2	87.47	1/2	287.73	1/2	490.40	1/2	693.36	1/2	896.32	1/2	1,099.27	1/2	1,301.29	1/2	1,504.27	1/2	1,707.25	1/2	1,910.23
3/4	91.55	3/4	291.92	3/4	494.63	3/4	697.59	3/4	900.54	3/4	1,103.50	3/4	1,305.52	3/4	1,508.50	3/4	1,711.48	3/4	1,914.46
6	95.62	6	296.12	6	498.86	6	701.81	6	904.77	6	1,107.73	6	1,309.75	6	1,512.73	6	1,715.71	6	1,918.68
1/4	99.71	1/4	300.32	1/4	503.08	1/4	706.04	1/4	909.00	1/4	1,111.96	1/4	1,313.98	1/4	1,516.96	1/4	1,719.94	1/4	1,922.91
1/2	103.79	1/2	304.52	1/2	507.31	1/2	710.27	1/2	913.23	1/2	1,116.19	1/2	1,318.21	1/2	1,521.19	1/2	1,724.16	1/2	1,927.14
3/4	107.87	3/4	308.73	3/4	511.54	3/4	714.50	3/4	917.46	3/4	1,120.42	3/4	1,322.44	3/4	1,525.42	3/4	1,728.39	3/4	1,931.37
7	111.95	7	312.93	7	515.77	7	718.73	7	921.69	7	1,124.64	7	1,326.67	7	1,529.64	7	1,732.62	7	1,935.60
1/4	116.04	1/4	317.13	1/4	520.00	1/4	722.96	1/4	925.91	1/4	1,128.87	1/4	1,330.90	1/4	1,533.87	1/4	1,736.85	1/4	1,939.83
1/2	120.12	1/2	321.34	1/2	524.23	1/2	727.18	1/2	930.14	1/2	1,133.10	1/2	1,335.12	1/2	1,538.10	1/2	1,741.08	1/2	1,944.06
3/4	124.21	3/4	325.54	3/4	528.45	3/4	731.41	3/4	934.37	3/4	1,137.33	3/4	1,339.35	3/4	1,542.33	3/4	1,745.31	3/4	1,948.29
8	128.29	8	329.75	8	532.68	8	735.64	8	938.60	8	1,141.56	8	1,343.58	8	1,546.56	8	1,749.54	8	1,952.51
1/4	132.48	1/4	333.97	1/4	536.91	1/4	739.87	1/4	942.83	1/4	1,145.79	1/4	1,347.81	1/4	1,550.79	1/4	1,753.77	1/4	1,956.74
1/2	136.66	1/2	338.19	1/2	541.14	1/2	744.10	1/2	947.06	1/2	1,150.01	1/2	1,352.04	1/2	1,555.02	1/2	1,757.99	1/2	1,960.97
3/4	140.85	3/4	342.41	3/4	545.37	3/4	748.33	3/4	951.28	3/4	1,154.24	3/4	1,356.27	3/4	1,559.25	3/4	1,762.22	3/4	1,965.20
9	145.03	9	346.64	9	549.60	9	752.55	9	955.51	9	1,158.47	9	1,360.50	9	1,563.47	9	1,766.45	9	1,969.43
1/4	149.25	1/4	350.87	1/4	553.82	1/4	756.78	1/4	959.74	1/4	1,162.70	1/4	1,364.73	1/4	1,567.70	1/4	1,770.68	1/4	1,973.66
1/2	153.47	1/2	355.09	1/2	558.05	1/2	761.01	1/2	963.97	1/2	1,166.93	1/2	1,368.95	1/2	1,571.93	1/2	1,774.91	1/2	1,977.89
3/4	157.69	3/4	359.32	3/4	562.28	3/4	765.24	3/4	968.20	3/4	1,171.16	3/4	1,373.18	3/4	1,576.16	3/4	1,779.14	3/4	1,982.12
10	161.91	10	363.55	10	566.51	10	769.47	10	972.43	10	1,175.38	10	1,377.41	10	1,580.39	10	1,783.37	10	1,986.34
1/4	166.10	1/4	367.78	1/4	570.74	1/4	773.70	1/4	976.65	1/4	1,179.57	1/4	1,381.64	1/4	1,584.62	1/4	1,787.60	1/4	1,990.57
1/2	170.30	1/2	372.01	1/2	574.97	1/2	777.92	1/2	980.88	1/2	1,183.75	1/2	1,385.87	1/2	1,588.85	1/2	1,791.82	1/2	1,994.80
3/4	174.49	3/4	376.24	3/4	579.19	3/4	782.15	3/4	985.11	3/4	1,187.94	3/4	1,390.10	3/4	1,593.07	3/4	1,796.05	3/4	1,999.03
11	178.68	11	380.46	11	583.42	11	786.38	11	989.34	11	1,192.12	11	1,394.33	11	1,597.30	11	1,800.28	11	2,003.26
1/4	182.88	1/4	384.69	1/4	587.65	1/4	790.61	1/4	993.57	1/4	1,196.29	1/4	1,398.55	1/4	1,601.53	1/4	1,804.51	1/4	2,007.49
1/2	187.07	1/2	388.92	1/2	591.88	1/2	794.84	1/2	997.80	1/2	1,200.46	1/2	1,402.78	1/2	1,605.76	1/2	1,808.74	1/2	2,011.72
3/4	191.26	3/4	393.15	3/4	596.11	3/4	799.07	3/4	1,002.02	3/4	1,204.63	3/4	1,407.01	3/4	1,609.99	3/4	1,812.97	3/4	2,015.94

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER HATCH.  
GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 25'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "SHAMROCK 502"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,020.17	0	2,222.98	0	2,424.74	0		0		0		0		0		0		0	
1/4	2,024.40	1/4	2,227.18	1/4	2,428.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,028.63	1/2	2,231.39	1/2	2,433.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,032.86	3/4	2,235.59	3/4	2,437.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,037.09	1	2,239.79	1	2,441.56	1		1		1		1		1		1		1	
1/4	2,041.32	1/4	2,244.00	1/4	2,445.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,045.55	1/2	2,248.20	1/2	2,449.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,049.77	3/4	2,252.40	3/4	2,454.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,054.00	2	2,256.61	2	2,458.37	2		2		2		2		2		2		2	
1/4	2,058.23	1/4	2,260.81	1/4	2,462.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,062.46	1/2	2,265.01	1/2	2,466.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,066.69	3/4	2,269.22	3/4	2,470.98	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,070.92	3	2,273.42	3	2,475.18	3		3		3		3		3		3		3	
1/4	2,075.15	1/4	2,277.62	1/4	2,479.39	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,079.38	1/2	2,281.83	1/2	2,483.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,083.60	3/4	2,286.03	3/4	2,487.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,087.83	4	2,290.23	4	2,491.99	4		4		4		4		4		4		4	
1/4	2,092.06	1/4	2,294.44	1/4	2,496.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,096.29	1/2	2,298.64	1/2	2,500.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,100.52	3/4	2,302.84	3/4	2,504.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,104.75	5	2,307.05	5	2,508.77	5		5		5		5		5		5		5	
1/4	2,108.98	1/4	2,311.25	1/4	2,512.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,113.21	1/2	2,315.45	1/2	2,517.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,117.43	3/4	2,319.66	3/4	2,521.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,121.66	6	2,323.86	6	2,525.30	6		6		6		6		6		6		6	
1/4	2,125.89	1/4	2,328.06	1/4	2,529.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,130.12	1/2	2,332.27	1/2	2,532.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,134.35	3/4	2,336.47	3/4	2,536.49	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,138.58	7	2,340.67	7	2,540.22	7		7		7		7		7		7		7	
1/4	2,142.81	1/4	2,344.88	1/4	2,543.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,147.03	1/2	2,349.08	1/2	2,546.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,151.26	3/4	2,353.29	3/4	2,549.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,155.49	8	2,357.49	8	2,552.80	8		8		8		8		8		8		8	
1/4	2,159.72	1/4	2,361.69	1/4	2,555.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,163.95	1/2	2,365.90	1/2	2,557.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,168.18	3/4	2,370.10	3/4	2,560.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,172.41	9	2,374.30	9	2,562.97	9		9		9		9		9		9		9	
1/4	2,176.64	1/4	2,378.51	1/4	2,564.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,180.86	1/2	2,382.71	1/2	2,566.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,185.09	3/4	2,386.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,189.32	10	2,391.12	10		10		10		10		10		10		10		10	
1/4	2,193.53	1/4	2,395.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,197.74	1/2	2,399.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,201.95	3/4	2,403.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,206.17	11	2,407.93	11		11		11		11		11		11		11		11	
1/4	2,210.37	1/4	2,412.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,214.57	1/2	2,416.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,218.78	3/4	2,420.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2015 CL  
CALCULATED: 10/10/2015 CL  
PRINTED: 10/10/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "SHAMROCK 502"

# 4 PORT

# INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	8.44	0	215.10	0	430.19	0	655.17	0	880.15	0	1,105.13	0	1,329.64	0	1,554.04	0	1,779.04	0	2,004.04
1/4	11.08	1/4	219.54	1/4	434.88	1/4	659.86	1/4	884.84	1/4	1,109.82	1/4	1,334.26	1/4	1,558.73	1/4	1,783.73	1/4	2,008.73
1/2	13.72	1/2	223.98	1/2	439.56	1/2	664.54	1/2	889.52	1/2	1,114.50	1/2	1,338.88	1/2	1,563.42	1/2	1,788.42	1/2	2,013.42
3/4	16.35	3/4	228.41	3/4	444.25	3/4	669.23	3/4	894.21	3/4	1,119.19	3/4	1,343.50	3/4	1,568.10	3/4	1,793.10	3/4	2,018.10
1	18.99	1	232.85	1	448.94	1	673.92	1	898.90	1	1,123.88	1	1,348.13	1	1,572.79	1	1,797.79	1	2,022.79
1/4	22.80	1/4	237.29	1/4	453.62	1/4	678.60	1/4	903.59	1/4	1,128.57	1/4	1,352.75	1/4	1,577.48	1/4	1,802.48	1/4	2,027.48
1/2	26.60	1/2	241.72	1/2	458.31	1/2	683.29	1/2	908.27	1/2	1,133.25	1/2	1,357.37	1/2	1,582.17	1/2	1,807.17	1/2	2,032.17
3/4	30.41	3/4	246.16	3/4	463.00	3/4	687.98	3/4	912.96	3/4	1,137.94	3/4	1,361.99	3/4	1,586.85	3/4	1,811.85	3/4	2,036.85
2	34.21	2	250.60	2	467.68	2	692.67	2	917.65	2	1,142.63	2	1,366.61	2	1,591.54	2	1,816.54	2	2,041.54
1/4	38.60	1/4	255.03	1/4	472.37	1/4	697.35	1/4	922.33	1/4	1,147.31	1/4	1,371.28	1/4	1,596.23	1/4	1,821.23	1/4	2,046.23
1/2	42.98	1/2	259.47	1/2	477.06	1/2	702.04	1/2	927.02	1/2	1,152.00	1/2	1,375.95	1/2	1,600.92	1/2	1,825.92	1/2	2,050.92
3/4	47.37	3/4	263.91	3/4	481.75	3/4	706.73	3/4	931.71	3/4	1,156.69	3/4	1,380.62	3/4	1,605.60	3/4	1,830.60	3/4	2,055.60
3	51.75	3	268.35	3	486.43	3	711.41	3	936.39	3	1,161.38	3	1,385.29	3	1,610.29	3	1,835.29	3	2,060.29
1/4	56.25	1/4	272.78	1/4	491.12	1/4	716.10	1/4	941.08	1/4	1,166.06	1/4	1,389.98	1/4	1,614.98	1/4	1,839.98	1/4	2,064.98
1/2	60.75	1/2	277.22	1/2	495.81	1/2	720.79	1/2	945.77	1/2	1,170.75	1/2	1,394.67	1/2	1,619.67	1/2	1,844.67	1/2	2,069.67
3/4	65.25	3/4	281.66	3/4	500.49	3/4	725.48	3/4	950.46	3/4	1,175.44	3/4	1,399.35	3/4	1,624.35	3/4	1,849.35	3/4	2,074.35
4	69.75	4	286.09	4	505.18	4	730.16	4	955.14	4	1,180.12	4	1,404.04	4	1,629.04	4	1,854.04	4	2,079.04
1/4	74.27	1/4	290.53	1/4	509.87	1/4	734.85	1/4	959.83	1/4	1,184.81	1/4	1,408.73	1/4	1,633.73	1/4	1,858.73	1/4	2,083.73
1/2	78.79	1/2	294.97	1/2	514.56	1/2	739.54	1/2	964.52	1/2	1,189.50	1/2	1,413.42	1/2	1,638.42	1/2	1,863.42	1/2	2,088.42
3/4	83.31	3/4	299.41	3/4	519.24	3/4	744.22	3/4	969.20	3/4	1,194.19	3/4	1,418.10	3/4	1,643.10	3/4	1,868.10	3/4	2,093.10
5	87.82	5	303.84	5	523.93	5	748.91	5	973.89	5	1,198.87	5	1,422.79	5	1,647.79	5	1,872.79	5	2,097.79
1/4	92.35	1/4	308.28	1/4	528.62	1/4	753.60	1/4	978.58	1/4	1,203.56	1/4	1,427.48	1/4	1,652.48	1/4	1,877.48	1/4	2,102.48
1/2	96.87	1/2	312.72	1/2	533.30	1/2	758.28	1/2	983.27	1/2	1,208.25	1/2	1,432.17	1/2	1,657.17	1/2	1,882.17	1/2	2,107.17
3/4	101.39	3/4	317.15	3/4	537.99	3/4	762.97	3/4	987.95	3/4	1,212.93	3/4	1,436.85	3/4	1,661.85	3/4	1,886.85	3/4	2,111.85
6	105.91	6	321.59	6	542.68	6	767.66	6	992.64	6	1,217.62	6	1,441.54	6	1,666.54	6	1,891.54	6	2,116.54
1/4	110.43	1/4	326.04	1/4	547.37	1/4	772.35	1/4	997.33	1/4	1,222.31	1/4	1,446.23	1/4	1,671.23	1/4	1,896.23	1/4	2,121.23
1/2	114.96	1/2	330.48	1/2	552.05	1/2	777.03	1/2	1,002.01	1/2	1,227.00	1/2	1,450.92	1/2	1,675.92	1/2	1,900.92	1/2	2,125.92
3/4	119.49	3/4	334.93	3/4	556.74	3/4	781.72	3/4	1,006.70	3/4	1,231.68	3/4	1,455.60	3/4	1,680.60	3/4	1,905.60	3/4	2,130.60
7	124.01	7	339.37	7	561.43	7	786.41	7	1,011.39	7	1,236.37	7	1,460.29	7	1,685.29	7	1,910.29	7	2,135.29
1/4	128.54	1/4	343.82	1/4	566.11	1/4	791.09	1/4	1,016.08	1/4	1,241.06	1/4	1,464.98	1/4	1,689.98	1/4	1,914.98	1/4	2,139.98
1/2	133.07	1/2	348.27	1/2	570.80	1/2	795.78	1/2	1,020.76	1/2	1,245.74	1/2	1,469.67	1/2	1,694.67	1/2	1,919.67	1/2	2,144.67
3/4	137.60	3/4	352.71	3/4	575.49	3/4	800.47	3/4	1,025.45	3/4	1,250.43	3/4	1,474.35	3/4	1,699.35	3/4	1,924.35	3/4	2,149.35
8	142.13	8	357.16	8	580.18	8	805.16	8	1,030.14	8	1,255.12	8	1,479.04	8	1,704.04	8	1,929.04	8	2,154.04
1/4	146.77	1/4	361.63	1/4	584.86	1/4	809.84	1/4	1,034.82	1/4	1,259.80	1/4	1,483.73	1/4	1,708.73	1/4	1,933.73	1/4	2,158.73
1/2	151.41	1/2	366.09	1/2	589.55	1/2	814.53	1/2	1,039.51	1/2	1,264.49	1/2	1,488.42	1/2	1,713.42	1/2	1,938.42	1/2	2,163.42
3/4	156.05	3/4	370.56	3/4	594.24	3/4	819.22	3/4	1,044.20	3/4	1,269.18	3/4	1,493.10	3/4	1,718.10	3/4	1,943.10	3/4	2,168.10
9	160.69	9	375.02	9	598.92	9	823.90	9	1,048.89	9	1,273.87	9	1,497.79	9	1,722.79	9	1,947.79	9	2,172.79
1/4	165.37	1/4	379.49	1/4	603.61	1/4	828.59	1/4	1,053.57	1/4	1,278.55	1/4	1,502.48	1/4	1,727.48	1/4	1,952.48	1/4	2,177.48
1/2	170.05	1/2	383.97	1/2	608.30	1/2	833.28	1/2	1,058.26	1/2	1,283.24	1/2	1,507.17	1/2	1,732.17	1/2	1,957.17	1/2	2,182.17
3/4	174.72	3/4	388.44	3/4	612.98	3/4	837.97	3/4	1,062.95	3/4	1,287.93	3/4	1,511.85	3/4	1,736.85	3/4	1,961.85	3/4	2,186.85
10	179.40	10	392.91	10	617.67	10	842.65	10	1,067.63	10	1,292.61	10	1,516.54	10	1,741.54	10	1,966.54	10	2,191.54
1/4	183.89	1/4	397.54	1/4	622.36	1/4	847.34	1/4	1,072.32	1/4	1,297.25	1/4	1,521.23	1/4	1,746.23	1/4	1,971.23	1/4	2,196.23
1/2	188.38	1/2	402.17	1/2	627.05	1/2	852.03	1/2	1,077.01	1/2	1,301.89	1/2	1,525.92	1/2	1,750.92	1/2	1,975.92	1/2	2,200.92
3/4	192.87	3/4	406.81	3/4	631.73	3/4	856.71	3/4	1,081.69	3/4	1,306.52	3/4	1,530.60	3/4	1,755.60	3/4	1,980.60	3/4	2,205.60
11	197.36	11	411.44	11	636.42	11	861.40	11	1,086.38	11	1,311.16	11	1,535.29	11	1,760.29	11	1,985.29	11	2,210.29
1/4	201.80	1/4	416.13	1/4	641.11	1/4	866.09	1/4	1,091.07	1/4	1,315.78	1/4	1,539.98	1/4	1,764.98	1/4	1,989.98	1/4	2,214.98
1/2	206.23	1/2	420.81	1/2	645.79	1/2	870.78	1/2	1,095.76	1/2	1,320.40	1/2	1,544.67	1/2	1,769.67	1/2	1,994.67	1/2	2,219.67
3/4	210.67	3/4	425.50	3/4	650.48	3/4	875.46	3/4	1,100.44	3/4	1,325.02	3/4	1,549.35	3/4	1,774.35	3/4	1,999.35	3/4	2,224.35

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER HATCH.  
 GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 26'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "SHAMROCK 502"

## 4 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,229.04	0	2,453.86	0	2,677.64	0		0		0		0		0		0		0	
1/4	2,233.73	1/4	2,458.52	1/4	2,682.30	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,238.42	1/2	2,463.18	1/2	2,686.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,243.10	3/4	2,467.85	3/4	2,691.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,247.79	1	2,472.51	1	2,696.29	1		1		1		1		1		1		1	
1/4	2,252.48	1/4	2,477.17	1/4	2,700.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,257.17	1/2	2,481.83	1/2	2,705.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,261.85	3/4	2,486.49	3/4	2,710.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,266.54	2	2,491.16	2	2,714.94	2		2		2		2		2		2		2	
1/4	2,271.23	1/4	2,495.82	1/4	2,719.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,275.92	1/2	2,500.48	1/2	2,724.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,280.60	3/4	2,505.14	3/4	2,728.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,285.29	3	2,509.80	3	2,733.58	3		3		3		3		3		3		3	
1/4	2,289.98	1/4	2,514.47	1/4	2,738.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,294.67	1/2	2,519.13	1/2	2,742.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,299.35	3/4	2,523.79	3/4	2,747.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,304.04	4	2,528.45	4	2,752.23	4		4		4		4		4		4		4	
1/4	2,308.73	1/4	2,533.11	1/4	2,756.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,313.42	1/2	2,537.78	1/2	2,761.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,318.10	3/4	2,542.44	3/4	2,766.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,322.79	5	2,547.10	5	2,770.84	5		5		5		5		5		5		5	
1/4	2,327.48	1/4	2,551.76	1/4	2,775.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,332.17	1/2	2,556.43	1/2	2,780.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,336.85	3/4	2,561.09	3/4	2,784.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,341.54	6	2,565.75	6	2,789.18	6		6		6		6		6		6		6	
1/4	2,346.23	1/4	2,570.41	1/4	2,793.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,350.92	1/2	2,575.07	1/2	2,797.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,355.60	3/4	2,579.74	3/4	2,801.58	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,360.29	7	2,584.40	7	2,805.72	7		7		7		7		7		7		7	
1/4	2,364.98	1/4	2,589.06	1/4	2,809.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,369.67	1/2	2,593.72	1/2	2,812.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,374.35	3/4	2,598.38	3/4	2,816.19	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,379.04	8	2,603.05	8	2,819.68	8		8		8		8		8		8		8	
1/4	2,383.73	1/4	2,607.71	1/4	2,822.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,388.42	1/2	2,612.37	1/2	2,825.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,393.10	3/4	2,617.03	3/4	2,828.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,397.79	9	2,621.69	9	2,830.96	9		9		9		9		9		9		9	
1/4	2,402.48	1/4	2,626.36	1/4	2,833.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,407.17	1/2	2,631.02	1/2	2,835.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,411.85	3/4	2,635.68	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,416.54	10	2,640.34	10		10		10		10		10		10		10		10	
1/4	2,421.21	1/4	2,645.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,425.88	1/2	2,649.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,430.54	3/4	2,654.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,435.21	11	2,658.99	11		11		11		11		11		11		11		11	
1/4	2,439.87	1/4	2,663.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,444.53	1/2	2,668.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,449.20	3/4	2,672.98	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2015 CL  
CALCULATED: 10/10/2015 CL  
PRINTED: 10/10/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "SHAMROCK 502"

## 4 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	8.45	0	216.89	0	441.13	0	666.39	0	891.65	0	1,116.92	0	1,341.73	0	1,566.41	0	1,791.69	0	2,016.98
1/4	11.09	1/4	221.55	1/4	445.82	1/4	671.08	1/4	896.35	1/4	1,121.61	1/4	1,346.35	1/4	1,571.10	1/4	1,796.39	1/4	2,021.67
1/2	13.73	1/2	226.21	1/2	450.51	1/2	675.78	1/2	901.04	1/2	1,126.30	1/2	1,350.98	1/2	1,575.80	1/2	1,801.08	1/2	2,026.36
3/4	16.37	3/4	230.87	3/4	455.20	3/4	680.47	3/4	905.73	3/4	1,131.00	3/4	1,355.61	3/4	1,580.49	3/4	1,805.77	3/4	2,031.06
1	19.01	1	235.53	1	459.90	1	685.16	1	910.43	1	1,135.69	1	1,360.23	1	1,585.18	1	1,810.47	1	2,035.75
1/4	22.82	1/4	240.19	1/4	464.59	1/4	689.85	1/4	915.12	1/4	1,140.38	1/4	1,364.86	1/4	1,589.88	1/4	1,815.16	1/4	2,040.44
1/2	26.64	1/2	244.85	1/2	469.28	1/2	694.55	1/2	919.81	1/2	1,145.08	1/2	1,369.49	1/2	1,594.57	1/2	1,819.85	1/2	2,045.14
3/4	30.45	3/4	249.51	3/4	473.98	3/4	699.24	3/4	924.50	3/4	1,149.77	3/4	1,374.12	3/4	1,599.27	3/4	1,824.55	3/4	2,049.83
2	34.26	2	254.17	2	478.67	2	703.93	2	929.20	2	1,154.46	2	1,378.74	2	1,603.96	2	1,829.24	2	2,054.52
1/4	38.65	1/4	258.83	1/4	483.36	1/4	708.63	1/4	933.89	1/4	1,159.15	1/4	1,383.42	1/4	1,608.65	1/4	1,833.94	1/4	2,059.22
1/2	43.04	1/2	263.49	1/2	488.06	1/2	713.32	1/2	938.58	1/2	1,163.85	1/2	1,388.10	1/2	1,613.35	1/2	1,838.63	1/2	2,063.91
3/4	47.43	3/4	268.15	3/4	492.75	3/4	718.01	3/4	943.28	3/4	1,168.54	3/4	1,392.77	3/4	1,618.04	3/4	1,843.32	3/4	2,068.61
3	51.82	3	272.80	3	497.44	3	722.71	3	947.97	3	1,173.23	3	1,397.45	3	1,622.73	3	1,848.02	3	2,073.30
1/4	56.33	1/4	277.46	1/4	502.13	1/4	727.40	1/4	952.66	1/4	1,177.93	1/4	1,402.14	1/4	1,627.43	1/4	1,852.71	1/4	2,077.99
1/2	60.83	1/2	282.12	1/2	506.83	1/2	732.09	1/2	957.36	1/2	1,182.62	1/2	1,406.84	1/2	1,632.12	1/2	1,857.40	1/2	2,082.69
3/4	65.34	3/4	286.78	3/4	511.52	3/4	736.78	3/4	962.05	3/4	1,187.31	3/4	1,411.53	3/4	1,636.81	3/4	1,862.10	3/4	2,087.38
4	69.84	4	291.44	4	516.21	4	741.48	4	966.74	4	1,192.01	4	1,416.22	4	1,641.51	4	1,866.79	4	2,092.07
1/4	74.37	1/4	296.10	1/4	520.91	1/4	746.17	1/4	971.43	1/4	1,196.70	1/4	1,420.92	1/4	1,646.20	1/4	1,871.48	1/4	2,096.77
1/2	78.89	1/2	300.76	1/2	525.60	1/2	750.86	1/2	976.13	1/2	1,201.39	1/2	1,425.61	1/2	1,650.89	1/2	1,876.18	1/2	2,101.46
3/4	83.41	3/4	305.42	3/4	530.29	3/4	755.56	3/4	980.82	3/4	1,206.08	3/4	1,430.30	3/4	1,655.59	3/4	1,880.87	3/4	2,106.15
5	87.94	5	310.08	5	534.99	5	760.25	5	985.51	5	1,210.78	5	1,435.00	5	1,660.28	5	1,885.56	5	2,110.85
1/4	92.46	1/4	314.74	1/4	539.68	1/4	764.94	1/4	990.21	1/4	1,215.47	1/4	1,439.69	1/4	1,664.97	1/4	1,890.26	1/4	2,115.54
1/2	96.99	1/2	319.40	1/2	544.37	1/2	769.64	1/2	994.90	1/2	1,220.16	1/2	1,444.38	1/2	1,669.67	1/2	1,894.95	1/2	2,120.23
3/4	101.52	3/4	324.06	3/4	549.06	3/4	774.33	3/4	999.59	3/4	1,224.86	3/4	1,449.08	3/4	1,674.36	3/4	1,899.64	3/4	2,124.93
6	106.05	6	328.71	6	553.76	6	779.02	6	1,004.29	6	1,229.55	6	1,453.77	6	1,679.05	6	1,904.34	6	2,129.62
1/4	110.58	1/4	333.38	1/4	558.45	1/4	783.71	1/4	1,008.98	1/4	1,234.24	1/4	1,458.46	1/4	1,683.75	1/4	1,909.03	1/4	2,134.31
1/2	115.11	1/2	338.05	1/2	563.14	1/2	788.41	1/2	1,013.67	1/2	1,238.94	1/2	1,463.16	1/2	1,688.44	1/2	1,913.72	1/2	2,139.01
3/4	119.64	3/4	342.72	3/4	567.84	3/4	793.10	3/4	1,018.36	3/4	1,243.63	3/4	1,467.85	3/4	1,693.13	3/4	1,918.42	3/4	2,143.70
7	124.17	7	347.38	7	572.53	7	797.79	7	1,023.06	7	1,248.32	7	1,472.54	7	1,697.83	7	1,923.11	7	2,148.39
1/4	128.71	1/4	352.05	1/4	577.22	1/4	802.49	1/4	1,027.75	1/4	1,253.01	1/4	1,477.24	1/4	1,702.52	1/4	1,927.80	1/4	2,153.09
1/2	133.24	1/2	356.72	1/2	581.92	1/2	807.18	1/2	1,032.44	1/2	1,257.71	1/2	1,481.93	1/2	1,707.21	1/2	1,932.50	1/2	2,157.78
3/4	137.78	3/4	361.39	3/4	586.61	3/4	811.87	3/4	1,037.14	3/4	1,262.40	3/4	1,486.62	3/4	1,711.91	3/4	1,937.19	3/4	2,162.47
8	142.31	8	366.06	8	591.30	8	816.57	8	1,041.83	8	1,267.09	8	1,491.32	8	1,716.60	8	1,941.88	8	2,167.17
1/4	146.96	1/4	370.75	1/4	595.99	1/4	821.26	1/4	1,046.52	1/4	1,271.79	1/4	1,496.01	1/4	1,721.29	1/4	1,946.58	1/4	2,171.86
1/2	151.61	1/2	375.43	1/2	600.69	1/2	825.95	1/2	1,051.22	1/2	1,276.48	1/2	1,500.70	1/2	1,725.99	1/2	1,951.27	1/2	2,176.55
3/4	156.25	3/4	380.12	3/4	605.38	3/4	830.64	3/4	1,055.91	3/4	1,281.17	3/4	1,505.40	3/4	1,730.68	3/4	1,955.96	3/4	2,181.25
9	160.90	9	384.81	9	610.07	9	835.34	9	1,060.60	9	1,285.87	9	1,510.09	9	1,735.37	9	1,960.66	9	2,185.94
1/4	165.58	1/4	389.50	1/4	614.77	1/4	840.03	1/4	1,065.29	1/4	1,290.56	1/4	1,514.78	1/4	1,740.07	1/4	1,965.35	1/4	2,190.63
1/2	170.27	1/2	394.20	1/2	619.46	1/2	844.72	1/2	1,069.99	1/2	1,295.25	1/2	1,519.48	1/2	1,744.76	1/2	1,970.04	1/2	2,195.33
3/4	174.95	3/4	398.89	3/4	624.15	3/4	849.42	3/4	1,074.68	3/4	1,299.94	3/4	1,524.17	3/4	1,749.45	3/4	1,974.74	3/4	2,200.02
10	179.63	10	403.58	10	628.85	10	854.11	10	1,079.37	10	1,304.64	10	1,528.86	10	1,754.15	10	1,979.43	10	2,204.71
1/4	184.29	1/4	408.27	1/4	633.54	1/4	858.80	1/4	1,084.07	1/4	1,309.28	1/4	1,533.56	1/4	1,758.84	1/4	1,984.12	1/4	2,209.41
1/2	188.95	1/2	412.97	1/2	638.23	1/2	863.50	1/2	1,088.76	1/2	1,313.93	1/2	1,538.25	1/2	1,763.53	1/2	1,988.82	1/2	2,214.10
3/4	193.61	3/4	417.66	3/4	642.92	3/4	868.19	3/4	1,093.45	3/4	1,318.57	3/4	1,542.94	3/4	1,768.23	3/4	1,993.51	3/4	2,218.79
11	198.27	11	422.35	11	647.62	11	872.88	11	1,098.15	11	1,323.22	11	1,547.64	11	1,772.92	11	1,998.20	11	2,223.49
1/4	202.92	1/4	427.05	1/4	652.31	1/4	877.57	1/4	1,102.84	1/4	1,327.85	1/4	1,552.33	1/4	1,777.61	1/4	2,002.90	1/4	2,228.18
1/2	207.58	1/2	431.74	1/2	657.00	1/2	882.27	1/2	1,107.53	1/2	1,332.47	1/2	1,557.02	1/2	1,782.31	1/2	2,007.59	1/2	2,232.87
3/4	212.24	3/4	436.43	3/4	661.70	3/4	886.96	3/4	1,112.22	3/4	1,337.10	3/4	1,561.72	3/4	1,787.00	3/4	2,012.28	3/4	2,237.57

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER HATCH.

GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 26'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "SHAMROCK 502"

**4 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

**GAUGE HEIGHT 15'-02 1/2"**

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,242.26	0	2,467.38	0	2,691.45	0		0		0		0		0		0		0	
1/4	2,246.95	1/4	2,472.05	1/4	2,696.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,251.65	1/2	2,476.71	1/2	2,700.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,256.34	3/4	2,481.38	3/4	2,705.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,261.03	1	2,486.05	1	2,710.12	1		1		1		1		1		1		1	
1/4	2,265.73	1/4	2,490.72	1/4	2,714.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,270.42	1/2	2,495.39	1/2	2,719.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,275.11	3/4	2,500.05	3/4	2,724.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,279.81	2	2,504.72	2	2,728.79	2		2		2		2		2		2		2	
1/4	2,284.50	1/4	2,509.39	1/4	2,733.46	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,289.19	1/2	2,514.06	1/2	2,738.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,293.89	3/4	2,518.73	3/4	2,742.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,298.58	3	2,523.40	3	2,747.46	3		3		3		3		3		3		3	
1/4	2,303.28	1/4	2,528.06	1/4	2,752.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,307.97	1/2	2,532.73	1/2	2,756.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,312.66	3/4	2,537.40	3/4	2,761.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,317.36	4	2,542.07	4	2,766.13	4		4		4		4		4		4		4	
1/4	2,322.05	1/4	2,546.74	1/4	2,770.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,326.74	1/2	2,551.40	1/2	2,775.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,331.44	3/4	2,556.07	3/4	2,780.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,336.13	5	2,560.74	5	2,784.77	5		5		5		5		5		5		5	
1/4	2,340.82	1/4	2,565.41	1/4	2,789.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,345.52	1/2	2,570.08	1/2	2,793.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,350.21	3/4	2,574.74	3/4	2,798.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,354.90	6	2,579.41	6	2,803.13	6		6		6		6		6		6		6	
1/4	2,359.60	1/4	2,584.08	1/4	2,807.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,364.29	1/2	2,588.75	1/2	2,811.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,368.98	3/4	2,593.42	3/4	2,815.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,373.68	7	2,598.08	7	2,819.69	7		7		7		7		7		7		7	
1/4	2,378.37	1/4	2,602.75	1/4	2,823.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,383.06	1/2	2,607.42	1/2	2,826.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,387.76	3/4	2,612.09	3/4	2,830.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,392.45	8	2,616.76	8	2,833.67	8		8		8		8		8		8		8	
1/4	2,397.14	1/4	2,621.43	1/4	2,836.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,401.84	1/2	2,626.09	1/2	2,839.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,406.53	3/4	2,630.76	3/4	2,842.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,411.22	9	2,635.43	9	2,844.96	9		9		9		9		9		9		9	
1/4	2,415.92	1/4	2,640.10	1/4	2,847.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,420.61	1/2	2,644.77	1/2	2,849.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,425.30	3/4	2,649.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,430.00	10	2,654.10	10		10		10		10		10		10		10		10	
1/4	2,434.67	1/4	2,658.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,439.35	1/2	2,663.44	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,444.03	3/4	2,668.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,448.71	11	2,672.77	11		11		11		11		11		11		11		11	
1/4	2,453.37	1/4	2,677.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,458.04	1/2	2,682.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,462.71	3/4	2,686.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2015 CL  
CALCULATED: 10/10/2015 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



BARGE "SHAMROCK 502"

5 PORT  
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

Table with columns for depth (0 to 9 FT.) and three fractional increments (1/4, 1/2, 3/4) for each depth. Each cell contains a capacity value in barrels.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT. CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER HATCH. GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2092 Pearland, Texas 77588 http://www.pmacorp.net





# BARGE "SHAMROCK 502"

## 5 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,192.02	0	2,414.40	0	2,635.82	0		0		0		0		0		0		0	
1/4	2,196.66	1/4	2,419.01	1/4	2,640.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,201.30	1/2	2,423.63	1/2	2,645.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,205.94	3/4	2,428.24	3/4	2,649.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,210.57	1	2,432.85	1	2,654.27	1		1		1		1		1		1		1	
1/4	2,215.21	1/4	2,437.47	1/4	2,658.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,219.85	1/2	2,442.08	1/2	2,663.49	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,224.49	3/4	2,446.69	3/4	2,668.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,229.13	2	2,451.30	2	2,672.72	2		2		2		2		2		2		2	
1/4	2,233.76	1/4	2,455.92	1/4	2,677.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,238.40	1/2	2,460.53	1/2	2,681.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,243.04	3/4	2,465.14	3/4	2,686.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,247.68	3	2,469.76	3	2,691.17	3		3		3		3		3		3		3	
1/4	2,252.32	1/4	2,474.37	1/4	2,695.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,256.95	1/2	2,478.98	1/2	2,700.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,261.59	3/4	2,483.59	3/4	2,704.98	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,266.23	4	2,488.21	4	2,709.59	4		4		4		4		4		4		4	
1/4	2,270.87	1/4	2,492.82	1/4	2,714.15	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,275.51	1/2	2,497.43	1/2	2,718.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,280.14	3/4	2,502.05	3/4	2,723.26	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,284.78	5	2,506.66	5	2,727.82	5		5		5		5		5		5		5	
1/4	2,289.42	1/4	2,511.27	1/4	2,732.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,294.06	1/2	2,515.88	1/2	2,736.28	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,298.70	3/4	2,520.50	3/4	2,740.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,303.34	6	2,525.11	6	2,744.74	6		6		6		6		6		6		6	
1/4	2,307.97	1/4	2,529.72	1/4	2,748.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,312.61	1/2	2,534.33	1/2	2,751.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,317.25	3/4	2,538.95	3/4	2,755.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,321.89	7	2,543.56	7	2,759.21	7		7		7		7		7		7		7	
1/4	2,326.53	1/4	2,548.17	1/4	2,762.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,331.16	1/2	2,552.79	1/2	2,765.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,335.80	3/4	2,557.40	3/4	2,768.06	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,340.44	8	2,562.01	8	2,771.01	8		8		8		8		8		8		8	
1/4	2,345.08	1/4	2,566.62	1/4	2,773.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,349.72	1/2	2,571.24	1/2	2,775.58	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,354.35	3/4	2,575.85	3/4	2,777.87	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,358.99	9	2,580.46	9		9		9		9		9		9		9		9	
1/4	2,363.62	1/4	2,585.08	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,368.25	1/2	2,589.69	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,372.87	3/4	2,594.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,377.50	10	2,598.91	10		10		10		10		10		10		10		10	
1/4	2,382.11	1/4	2,603.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,386.73	1/2	2,608.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,391.34	3/4	2,612.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,395.95	11	2,617.37	11		11		11		11		11		11		11		11	
1/4	2,400.56	1/4	2,621.98	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,405.18	1/2	2,626.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,409.79	3/4	2,631.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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Pearland, Texas 77588  
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# BARGE "SHAMROCK 502"

# 5 STBD

# INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	8.22	0	198.54	0	412.57	0	635.27	0	857.97	0	1,080.67	0	1,302.46	0	1,524.62	0	1,747.32	0	1,970.02
1/4	8.61	1/4	202.94	1/4	417.21	1/4	639.91	1/4	862.61	1/4	1,085.31	1/4	1,307.01	1/4	1,529.26	1/4	1,751.96	1/4	1,974.66
1/2	9.00	1/2	207.34	1/2	421.85	1/2	644.55	1/2	867.25	1/2	1,089.95	1/2	1,311.56	1/2	1,533.90	1/2	1,756.60	1/2	1,979.30
3/4	9.39	3/4	211.74	3/4	426.49	3/4	649.19	3/4	871.89	3/4	1,094.59	3/4	1,316.11	3/4	1,538.54	3/4	1,761.24	3/4	1,983.94
1	9.78	1	216.15	1	431.13	1	653.83	1	876.53	1	1,099.23	1	1,320.66	1	1,543.18	1	1,765.88	1	1,988.58
1/4	12.48	1/4	220.55	1/4	435.77	1/4	658.47	1/4	881.17	1/4	1,103.87	1/4	1,325.25	1/4	1,547.82	1/4	1,770.52	1/4	1,993.22
1/2	15.19	1/2	224.95	1/2	440.41	1/2	663.11	1/2	885.81	1/2	1,108.51	1/2	1,329.85	1/2	1,552.46	1/2	1,775.16	1/2	1,997.86
3/4	17.89	3/4	229.35	3/4	445.05	3/4	667.75	3/4	890.45	3/4	1,113.15	3/4	1,334.44	3/4	1,557.10	3/4	1,779.80	3/4	2,002.50
2	20.60	2	233.75	2	449.69	2	672.39	2	895.09	2	1,117.79	2	1,339.04	2	1,561.74	2	1,784.44	2	2,007.14
1/4	24.66	1/4	238.16	1/4	454.33	1/4	677.03	1/4	899.73	1/4	1,122.43	1/4	1,343.67	1/4	1,566.38	1/4	1,789.08	1/4	2,011.78
1/2	28.72	1/2	242.56	1/2	458.97	1/2	681.67	1/2	904.37	1/2	1,127.07	1/2	1,348.31	1/2	1,571.02	1/2	1,793.72	1/2	2,016.42
3/4	32.79	3/4	246.96	3/4	463.61	3/4	686.31	3/4	909.01	3/4	1,131.71	3/4	1,352.95	3/4	1,575.65	3/4	1,798.36	3/4	2,021.06
3	36.85	3	251.36	3	468.25	3	690.95	3	913.65	3	1,136.35	3	1,357.59	3	1,580.29	3	1,803.00	3	2,025.70
1/4	41.32	1/4	255.77	1/4	472.89	1/4	695.59	1/4	918.29	1/4	1,140.99	1/4	1,362.23	1/4	1,584.93	1/4	1,807.63	1/4	2,030.34
1/2	45.79	1/2	260.17	1/2	477.53	1/2	700.23	1/2	922.93	1/2	1,146.63	1/2	1,366.87	1/2	1,589.57	1/2	1,812.27	1/2	2,034.98
3/4	50.26	3/4	264.57	3/4	482.17	3/4	704.87	3/4	927.57	3/4	1,150.27	3/4	1,371.51	3/4	1,594.21	3/4	1,816.91	3/4	2,039.61
4	54.73	4	268.97	4	486.81	4	709.51	4	932.21	4	1,154.91	4	1,376.15	4	1,598.85	4	1,821.55	4	2,044.25
1/4	59.21	1/4	273.37	1/4	491.44	1/4	714.15	1/4	936.85	1/4	1,159.55	1/4	1,380.79	1/4	1,603.49	1/4	1,826.19	1/4	2,048.89
1/2	63.69	1/2	277.78	1/2	496.08	1/2	718.79	1/2	941.49	1/2	1,164.19	1/2	1,385.43	1/2	1,608.13	1/2	1,830.83	1/2	2,053.53
3/4	68.17	3/4	282.18	3/4	500.72	3/4	723.42	3/4	946.13	3/4	1,168.83	3/4	1,390.07	3/4	1,612.77	3/4	1,835.47	3/4	2,058.17
5	72.65	5	286.58	5	505.36	5	728.06	5	950.77	5	1,173.47	5	1,394.71	5	1,617.41	5	1,840.11	5	2,062.81
1/4	77.13	1/4	290.99	1/4	510.00	1/4	732.70	1/4	955.40	1/4	1,178.11	1/4	1,399.35	1/4	1,622.05	1/4	1,844.75	1/4	2,067.45
1/2	81.61	1/2	295.40	1/2	514.64	1/2	737.34	1/2	960.04	1/2	1,182.75	1/2	1,403.99	1/2	1,626.69	1/2	1,849.39	1/2	2,072.09
3/4	86.09	3/4	299.80	3/4	519.28	3/4	741.98	3/4	964.68	3/4	1,187.38	3/4	1,408.63	3/4	1,631.33	3/4	1,854.03	3/4	2,076.73
6	90.57	6	304.21	6	523.92	6	746.62	6	969.32	6	1,192.02	6	1,413.27	6	1,635.97	6	1,858.67	6	2,081.37
1/4	95.06	1/4	308.62	1/4	528.56	1/4	751.26	1/4	973.96	1/4	1,196.66	1/4	1,417.91	1/4	1,640.61	1/4	1,863.31	1/4	2,086.01
1/2	99.54	1/2	313.04	1/2	533.20	1/2	755.90	1/2	978.60	1/2	1,201.30	1/2	1,422.55	1/2	1,645.25	1/2	1,867.95	1/2	2,090.65
3/4	104.03	3/4	317.45	3/4	537.84	3/4	760.54	3/4	983.24	3/4	1,205.94	3/4	1,427.19	3/4	1,649.89	3/4	1,872.59	3/4	2,095.29
7	108.51	7	321.86	7	542.48	7	765.18	7	987.88	7	1,210.58	7	1,431.83	7	1,654.53	7	1,877.23	7	2,099.93
1/4	113.07	1/4	326.29	1/4	547.12	1/4	769.82	1/4	992.52	1/4	1,215.22	1/4	1,436.47	1/4	1,659.17	1/4	1,881.87	1/4	2,104.57
1/2	117.63	1/2	330.71	1/2	551.76	1/2	774.46	1/2	997.16	1/2	1,219.86	1/2	1,441.11	1/2	1,663.81	1/2	1,886.51	1/2	2,109.21
3/4	122.19	3/4	335.13	3/4	556.40	3/4	779.10	3/4	1,001.80	3/4	1,224.50	3/4	1,445.75	3/4	1,668.45	3/4	1,891.15	3/4	2,113.85
8	126.75	8	339.56	8	561.04	8	783.74	8	1,006.44	8	1,229.14	8	1,450.39	8	1,673.09	8	1,895.79	8	2,118.49
1/4	131.38	1/4	344.00	1/4	565.68	1/4	788.38	1/4	1,011.08	1/4	1,233.78	1/4	1,455.03	1/4	1,677.73	1/4	1,900.43	1/4	2,123.13
1/2	136.02	1/2	348.43	1/2	570.32	1/2	793.02	1/2	1,015.72	1/2	1,238.42	1/2	1,459.66	1/2	1,682.37	1/2	1,905.07	1/2	2,127.77
3/4	140.65	3/4	352.87	3/4	574.96	3/4	797.66	3/4	1,020.36	3/4	1,243.06	3/4	1,464.30	3/4	1,687.01	3/4	1,909.71	3/4	2,132.41
9	145.29	9	357.30	9	579.60	9	802.30	9	1,025.00	9	1,247.70	9	1,468.94	9	1,691.64	9	1,914.35	9	2,137.05
1/4	149.80	1/4	361.84	1/4	584.24	1/4	806.94	1/4	1,029.64	1/4	1,252.29	1/4	1,473.58	1/4	1,696.28	1/4	1,918.99	1/4	2,141.69
1/2	154.31	1/2	366.38	1/2	588.88	1/2	811.58	1/2	1,034.28	1/2	1,256.88	1/2	1,478.22	1/2	1,700.92	1/2	1,923.62	1/2	2,146.33
3/4	158.82	3/4	370.92	3/4	593.52	3/4	816.22	3/4	1,038.92	3/4	1,261.48	3/4	1,482.86	3/4	1,705.56	3/4	1,928.26	3/4	2,150.97
10	163.34	10	375.45	10	598.16	10	820.86	10	1,043.56	10	1,266.07	10	1,487.50	10	1,710.20	10	1,932.90	10	2,155.60
1/4	167.74	1/4	380.09	1/4	602.80	1/4	825.50	1/4	1,048.20	1/4	1,270.62	1/4	1,492.14	1/4	1,714.84	1/4	1,937.54	1/4	2,160.24
1/2	172.13	1/2	384.73	1/2	607.43	1/2	830.14	1/2	1,052.84	1/2	1,275.17	1/2	1,496.78	1/2	1,719.48	1/2	1,942.18	1/2	2,164.88
3/4	176.53	3/4	389.37	3/4	612.07	3/4	834.78	3/4	1,057.48	3/4	1,279.72	3/4	1,501.42	3/4	1,724.12	3/4	1,946.82	3/4	2,169.52
11	180.93	11	394.01	11	616.71	11	839.41	11	1,062.12	11	1,284.26	11	1,506.06	11	1,728.76	11	1,951.46	11	2,174.16
1/4	185.33	1/4	398.65	1/4	621.35	1/4	844.05	1/4	1,066.76	1/4	1,288.81	1/4	1,510.70	1/4	1,733.40	1/4	1,956.10	1/4	2,178.80
1/2	189.73	1/2	403.29	1/2	625.99	1/2	848.69	1/2	1,071.39	1/2	1,293.36	1/2	1,515.34	1/2	1,738.04	1/2	1,960.74	1/2	2,183.44
3/4	194.13	3/4	407.93	3/4	630.63	3/4	853.33	3/4	1,076.03	3/4	1,297.91	3/4	1,519.98	3/4	1,742.68	3/4	1,965.38	3/4	2,188.08

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER HATCH.  
 GAUGE POINT: (8" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "SHAMROCK 502"

**5 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,192.72	0	2,415.16	0	2,636.64	0		0		0		0		0		0		0	
1/4	2,197.36	1/4	2,419.77	1/4	2,641.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,202.00	1/2	2,424.39	1/2	2,645.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,206.64	3/4	2,429.00	3/4	2,650.48	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,211.28	1	2,433.61	1	2,655.10	1		1		1		1		1		1		1	
1/4	2,215.92	1/4	2,438.23	1/4	2,659.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,220.56	1/2	2,442.84	1/2	2,664.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,225.20	3/4	2,447.46	3/4	2,668.94	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,229.84	2	2,452.07	2	2,673.55	2		2		2		2		2		2		2	
1/4	2,234.48	1/4	2,456.69	1/4	2,678.17	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,239.12	1/2	2,461.30	1/2	2,682.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,243.76	3/4	2,465.91	3/4	2,687.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,248.40	3	2,470.53	3	2,692.01	3		3		3		3		3		3		3	
1/4	2,253.04	1/4	2,475.14	1/4	2,696.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,257.68	1/2	2,479.76	1/2	2,701.22	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,262.32	3/4	2,484.37	3/4	2,705.83	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,266.96	4	2,488.98	4	2,710.43	4		4		4		4		4		4		4	
1/4	2,271.59	1/4	2,493.60	1/4	2,714.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,276.23	1/2	2,498.21	1/2	2,719.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,280.87	3/4	2,502.83	3/4	2,724.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,285.51	5	2,507.44	5	2,728.67	5		5		5		5		5		5		5	
1/4	2,290.15	1/4	2,512.06	1/4	2,732.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,294.79	1/2	2,516.67	1/2	2,737.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,299.43	3/4	2,521.28	3/4	2,741.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,304.07	6	2,525.90	6	2,745.60	6		6		6		6		6		6		6	
1/4	2,308.71	1/4	2,530.51	1/4	2,749.22	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,313.35	1/2	2,535.13	1/2	2,752.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,317.99	3/4	2,539.74	3/4	2,756.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,322.63	7	2,544.36	7	2,760.07	7		7		7		7		7		7		7	
1/4	2,327.27	1/4	2,548.97	1/4	2,763.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,331.91	1/2	2,553.58	1/2	2,765.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,336.55	3/4	2,558.20	3/4	2,768.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,341.19	8	2,562.81	8	2,771.87	8		8		8		8		8		8		8	
1/4	2,345.83	1/4	2,567.43	1/4	2,774.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,350.47	1/2	2,572.04	1/2	2,776.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,355.11	3/4	2,576.65	3/4	2,778.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,359.75	9	2,581.27	9		9		9		9		9		9		9		9	
1/4	2,364.37	1/4	2,585.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,369.00	1/2	2,590.50	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,373.62	3/4	2,595.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,378.24	10	2,599.73	10		10		10		10		10		10		10		10	
1/4	2,382.86	1/4	2,604.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,387.47	1/2	2,608.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,392.09	3/4	2,613.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,396.70	11	2,618.18	11		11		11		11		11		11		11		11	
1/4	2,401.31	1/4	2,622.80	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,405.93	1/2	2,627.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,410.54	3/4	2,632.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2015 CL  
CALCULATED: 10/10/2015 CL  
PRINTED: 10/10/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "SHAMROCK 502"

# LARGE FUEL TANK

## INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	330	0	872	0	1,478	0	2,062	0	2,520	0		0		0		0	
1/4	2	1/4	340	1/4	884	1/4	1,491	1/4	2,073	1/4	2,527	1/4		1/4	1/4	1/4		1/4	
1/2	4	1/2	350	1/2	896	1/2	1,504	1/2	2,084	1/2	2,533	1/2		1/2	1/2	1/2		1/2	
3/4	6	3/4	360	3/4	909	3/4	1,516	3/4	2,096	3/4	2,540	3/4		3/4	3/4	3/4		3/4	
1	8	1	370	1	921	1	1,529	1	2,107	1	2,547	1		1	1	1		1	
1/4	12	1/4	380	1/4	933	1/4	1,542	1/4	2,118	1/4	2,553	1/4		1/4	1/4	1/4		1/4	
1/2	16	1/2	390	1/2	946	1/2	1,554	1/2	2,129	1/2	2,559	1/2		1/2	1/2	1/2		1/2	
3/4	20	3/4	401	3/4	958	3/4	1,567	3/4	2,140	3/4	2,565	3/4		3/4	3/4	3/4		3/4	
2	24	2	411	2	971	2	1,580	2	2,151	2	2,571	2		2	2	2		2	
1/4	28	1/4	422	1/4	983	1/4	1,592	1/4	2,161	1/4	2,577	1/4		1/4	1/4	1/4		1/4	
1/2	33	1/2	432	1/2	996	1/2	1,605	1/2	2,172	1/2	2,582	1/2		1/2	1/2	1/2		1/2	
3/4	38	3/4	443	3/4	1,008	3/4	1,617	3/4	2,183	3/4	2,587	3/4		3/4	3/4	3/4		3/4	
3	43	3	453	3	1,021	3	1,630	3	2,194	3	2,593	3		3	3	3		3	
1/4	49	1/4	464	1/4	1,033	1/4	1,642	1/4	2,204	1/4	2,597	1/4		1/4	1/4	1/4		1/4	
1/2	55	1/2	475	1/2	1,046	1/2	1,655	1/2	2,214	1/2	2,602	1/2		1/2	1/2	1/2		1/2	
3/4	60	3/4	486	3/4	1,059	3/4	1,667	3/4	2,225	3/4	2,606	3/4		3/4	3/4	3/4		3/4	
4	66	4	497	4	1,071	4	1,680	4	2,235	4	2,610	4		4	4	4		4	
1/4	72	1/4	508	1/4	1,084	1/4	1,692	1/4	2,246	1/4	2,613	1/4		1/4	1/4	1/4		1/4	
1/2	79	1/2	519	1/2	1,097	1/2	1,705	1/2	2,256	1/2	2,616	1/2		1/2	1/2	1/2		1/2	
3/4	85	3/4	530	3/4	1,109	3/4	1,717	3/4	2,266	3/4	2,620	3/4		3/4	3/4	3/4		3/4	
5	92	5	541	5	1,122	5	1,729	5	2,276	5	2,623	5		5	5	5		5	
1/4	99	1/4	552	1/4	1,135	1/4	1,742	1/4	2,286	1/4	2,624	1/4		1/4	1/4	1/4		1/4	
1/2	106	1/2	564	1/2	1,147	1/2	1,754	1/2	2,296	1/2	2,626	1/2		1/2	1/2	1/2		1/2	
3/4	113	3/4	575	3/4	1,160	3/4	1,766	3/4	2,306	3/4		3/4		3/4	3/4	3/4		3/4	
6	120	6	586	6	1,173	6	1,779	6	2,316	6		6		6	6	6		6	
1/4	128	1/4	598	1/4	1,185	1/4	1,791	1/4	2,325	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	135	1/2	609	1/2	1,198	1/2	1,803	1/2	2,335	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	143	3/4	621	3/4	1,211	3/4	1,815	3/4	2,344	3/4		3/4		3/4	3/4	3/4		3/4	
7	151	7	632	7	1,224	7	1,827	7	2,354	7		7		7	7	7		7	
1/4	159	1/4	644	1/4	1,236	1/4	1,839	1/4	2,363	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	167	1/2	656	1/2	1,249	1/2	1,851	1/2	2,372	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	175	3/4	667	3/4	1,262	3/4	1,863	3/4	2,381	3/4		3/4		3/4	3/4	3/4		3/4	
8	183	8	679	8	1,275	8	1,876	8	2,390	8		8		8	8	8		8	
1/4	192	1/4	691	1/4	1,287	1/4	1,887	1/4	2,399	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	200	1/2	703	1/2	1,300	1/2	1,899	1/2	2,408	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	209	3/4	714	3/4	1,313	3/4	1,911	3/4	2,417	3/4		3/4		3/4	3/4	3/4		3/4	
9	217	9	726	9	1,326	9	1,923	9	2,426	9		9		9	9	9		9	
1/4	226	1/4	738	1/4	1,338	1/4	1,935	1/4	2,434	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	235	1/2	750	1/2	1,351	1/2	1,947	1/2	2,442	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	244	3/4	762	3/4	1,364	3/4	1,958	3/4	2,451	3/4		3/4		3/4	3/4	3/4		3/4	
10	253	10	774	10	1,377	10	1,970	10	2,459	10		10		10	10	10		10	
1/4	263	1/4	786	1/4	1,389	1/4	1,982	1/4	2,467	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	272	1/2	798	1/2	1,402	1/2	1,993	1/2	2,475	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	281	3/4	811	3/4	1,415	3/4	2,005	3/4	2,483	3/4		3/4		3/4	3/4	3/4		3/4	
11	291	11	823	11	1,428	11	2,016	11	2,491	11		11		11	11	11		11	
1/4	301	1/4	835	1/4	1,440	1/4	2,028	1/4	2,498	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	310	1/2	847	1/2	1,453	1/2	2,039	1/2	2,505	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	320	3/4	859	3/4	1,466	3/4	2,051	3/4	2,513	3/4		3/4		3/4	3/4	3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER HATCH

STRAPPED: 10/09/2015 CL  
 CALCULATED: 10/09/2015 CL  
 PRINTED: 10/10/2015 JS

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 10/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "SHAMROCK 502"

# SMALL FUEL TANK

## INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	99	0	254	0	406	0		0		0		0		0		0	
1/4	1	1/4	102	1/4	257	1/4	409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	105	1/2	260	1/2	411	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	108	3/4	264	3/4	414	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	111	1	267	1	417	1		1		1		1		1		1	
1/4	4	1/4	114	1/4	270	1/4	420	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	117	1/2	274	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	120	3/4	277	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	123	2	280	2	428	2		2		2		2		2		2	
1/4	9	1/4	126	1/4	284	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	130	1/2	287	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	133	3/4	290	3/4	435	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	136	3	294	3	438	3		3		3		3		3		3	
1/4	15	1/4	139	1/4	297	1/4	441	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	142	1/2	300	1/2	443	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	145	3/4	303	3/4	445	3/4		3/4		3/4		3/4		3/4		3/4	
4	20	4	148	4	307	4	448	4		4		4		4		4		4	
1/4	22	1/4	152	1/4	310	1/4	450	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	155	1/2	313	1/2	452	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26	3/4	158	3/4	317	3/4	455	3/4		3/4		3/4		3/4		3/4		3/4	
5	28	5	161	5	320	5	457	5		5		5		5		5		5	
1/4	30	1/4	164	1/4	323	1/4	459	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	32	1/2	168	1/2	326	1/2	461	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	171	3/4	330	3/4	464	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	174	6	333	6	466	6		6		6		6		6		6	
1/4	39	1/4	177	1/4	336	1/4	468	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41	1/2	181	1/2	339	1/2	470	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	184	3/4	342	3/4	472	3/4		3/4		3/4		3/4		3/4		3/4	
7	46	7	187	7	346	7	474	7		7		7		7		7		7	
1/4	48	1/4	190	1/4	349	1/4	475	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	194	1/2	352	1/2	477	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	197	3/4	355	3/4	479	3/4		3/4		3/4		3/4		3/4		3/4	
8	56	8	200	8	358	8	481	8		8		8		8		8		8	
1/4	58	1/4	204	1/4	361	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	207	1/2	364	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	63	3/4	210	3/4	367	3/4	485	3/4		3/4		3/4		3/4		3/4		3/4	
9	66	9	214	9	370	9	487	9		9		9		9		9		9	
1/4	69	1/4	217	1/4	373	1/4	488	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	220	1/2	376	1/2	489	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	224	3/4	380	3/4	490	3/4		3/4		3/4		3/4		3/4		3/4	
10	77	10	227	10	383	10	491	10		10		10		10		10		10	
1/4	80	1/4	230	1/4	386	1/4	492	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	82	1/2	234	1/2	388	1/2	493	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	85	3/4	237	3/4	391	3/4	493	3/4		3/4		3/4		3/4		3/4		3/4	
11	88	11	240	11	394	11	494	11		11		11		11		11		11	
1/4	91	1/4	244	1/4	397	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	247	1/2	400	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	97	3/4	250	3/4	403	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER HATCH

STRAPPED: 10/09/2015 CL  
 CALCULATED: 10/09/2015 CL  
 PRINTED: 10/10/2015 JS

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 10/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>