



BARGE: DBL 132

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 CENTER	00-1/4	-00-1/4	00-1/2	-00-1/2	00-3/4	-00-3/4	00-7/8	-00-7/8	01-1/8	-01-1/8	01-3/8	-01-3/8
2 CENTER	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/4	00-1/4	-00-3/8	00-3/8	-00-1/2	00-1/2	-00-1/2	00-1/2
3 CENTER	00-1/8	-00-1/8	00-1/4	-00-1/4	00-3/8	-00-3/8	00-1/2	-00-1/2	00-5/8	-00-5/8	00-3/4	-00-3/4

(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 1 CENTER IS -00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 163'-09"

February 9, 2019



BARGE "DBL 132"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	4.06	0	224.83	0	477.01	0	726.00	0	974.71	0	1226.34	0	1477.96	0	1729.48	0	1980.51	0	2232.20
1/4	4.93	1/4	229.89	1/4	482.26	1/4	731.09	1/4	979.95	1/4	1231.58	1/4	1483.21	1/4	1734.71	1/4	1985.75	1/4	2237.44
1/2	5.81	1/2	235.19	1/2	487.52	1/2	736.17	1/2	985.20	1/2	1236.82	1/2	1488.45	1/2	1739.94	1/2	1990.99	1/2	2242.69
3/4	6.68	3/4	240.40	3/4	492.78	3/4	741.26	3/4	990.44	3/4	1242.06	3/4	1493.69	3/4	1745.16	3/4	1996.24	3/4	2247.93
1	7.56	1	245.66	1	498.04	1	746.35	1	995.68	1	1247.31	1	1498.93	1	1750.39	1	2001.48	1	2253.17
1 1/4	10.19	1 1/4	250.92	1 1/4	503.29	1 1/4	751.43	1 1/4	1,000.92	1 1/4	1,252.55	1 1/4	1,504.17	1 1/4	1,755.62	1 1/4	2,006.72	1 1/4	2,258.42
1 1/2	12.81	1 1/2	256.18	1 1/2	508.55	1 1/2	756.52	1 1/2	1,006.17	1 1/2	1,257.79	1 1/2	1,509.42	1 1/2	1,760.85	1 1/2	2,011.97	1 1/2	2,263.66
1 3/4	15.44	1 3/4	261.44	1 3/4	513.81	1 3/4	761.61	1 3/4	1,011.41	1 3/4	1,263.03	1 3/4	1,514.66	1 3/4	1,766.07	1 3/4	2,017.21	1 3/4	2,268.90
2	18.07	2	266.69	2	519.07	2	766.69	2	1,016.65	2	1,268.28	2	1,519.90	2	1,771.30	2	2,022.45	2	2,274.15
2 1/4	22.45	2 1/4	271.95	2 1/4	524.33	2 1/4	771.78	2 1/4	1,021.89	2 1/4	1,273.52	2 1/4	1,525.14	2 1/4	1,776.53	2 1/4	2,027.70	2 1/4	2,279.39
2 1/2	26.83	2 1/2	277.21	2 1/2	529.58	2 1/2	776.87	2 1/2	1,027.13	2 1/2	1,278.76	2 1/2	1,530.38	2 1/2	1,781.75	2 1/2	2,032.94	2 1/2	2,284.63
2 3/4	31.21	2 3/4	282.47	2 3/4	534.84	2 3/4	781.95	2 3/4	1,032.38	2 3/4	1,284.00	2 3/4	1,535.62	2 3/4	1,786.98	2 3/4	2,038.18	2 3/4	2,289.88
3	35.59	3	287.72	3	540.10	3	787.04	3	1,037.62	3	1,289.24	3	1,540.86	3	1,792.21	3	2,043.43	3	2,295.12
3 1/4	40.80	3 1/4	292.98	3 1/4	545.36	3 1/4	792.15	3 1/4	1,042.86	3 1/4	1,294.49	3 1/4	1,546.09	3 1/4	1,797.43	3 1/4	2,048.67	3 1/4	2,300.36
3 1/2	46.01	3 1/2	298.24	3 1/2	550.61	3 1/2	797.26	3 1/2	1,048.10	3 1/2	1,299.73	3 1/2	1,551.33	3 1/2	1,802.66	3 1/2	2,053.92	3 1/2	2,305.61
3 3/4	51.22	3 3/4	303.50	3 3/4	555.87	3 3/4	802.37	3 3/4	1,053.35	3 3/4	1,304.97	3 3/4	1,556.57	3 3/4	1,807.89	3 3/4	2,059.16	3 3/4	2,310.85
4	56.44	4	308.76	4	561.13	4	807.48	4	1,058.59	4	1,310.21	4	1,561.81	4	1,813.11	4	2,064.40	4	2,316.10
4 1/4	61.68	4 1/4	314.01	4 1/4	566.39	4 1/4	812.59	4 1/4	1,063.83	4 1/4	1,315.46	4 1/4	1,567.05	4 1/4	1,818.34	4 1/4	2,069.65	4 1/4	2,321.34
4 1/2	66.93	4 1/2	319.27	4 1/2	571.65	4 1/2	817.71	4 1/2	1,069.07	4 1/2	1,320.70	4 1/2	1,572.29	4 1/2	1,823.57	4 1/2	2,074.89	4 1/2	2,326.58
4 3/4	72.17	4 3/4	324.53	4 3/4	576.90	4 3/4	822.82	4 3/4	1,074.31	4 3/4	1,325.94	4 3/4	1,577.52	4 3/4	1,828.79	4 3/4	2,080.13	4 3/4	2,331.83
5	77.42	5	329.79	5	582.16	5	827.93	5	1,079.56	5	1,331.18	5	1,582.76	5	1,834.02	5	2,085.38	5	2,337.07
5 1/4	82.67	5 1/4	335.04	5 1/4	587.41	5 1/4	833.17	5 1/4	1,084.80	5 1/4	1,336.42	5 1/4	1,588.00	5 1/4	1,839.25	5 1/4	2,090.62	5 1/4	2,342.31
5 1/2	87.93	5 1/2	340.30	5 1/2	592.66	5 1/2	838.42	5 1/2	1,090.04	5 1/2	1,341.67	5 1/2	1,593.24	5 1/2	1,844.47	5 1/2	2,095.86	5 1/2	2,347.56
5 3/4	93.18	5 3/4	345.56	5 3/4	597.91	5 3/4	843.66	5 3/4	1,095.28	5 3/4	1,346.91	5 3/4	1,598.48	5 3/4	1,849.70	5 3/4	2,101.11	5 3/4	2,352.80
6	98.44	6	350.82	6	603.16	6	848.90	6	1,100.53	6	1,352.15	6	1,603.72	6	1,854.93	6	2,106.35	6	2,358.04
6 1/4	103.70	6 1/4	356.08	6 1/4	608.41	6 1/4	854.14	6 1/4	1,105.77	6 1/4	1,357.39	6 1/4	1,608.96	6 1/4	1,860.15	6 1/4	2,111.60	6 1/4	2,363.29
6 1/2	108.96	6 1/2	361.33	6 1/2	613.66	6 1/2	859.38	6 1/2	1,111.01	6 1/2	1,362.64	6 1/2	1,614.19	6 1/2	1,865.38	6 1/2	2,116.84	6 1/2	2,368.53
6 3/4	114.21	6 3/4	366.59	6 3/4	618.91	6 3/4	864.63	6 3/4	1,116.25	6 3/4	1,367.88	6 3/4	1,619.43	6 3/4	1,870.61	6 3/4	2,122.08	6 3/4	2,373.78
7	119.47	7	371.85	7	624.16	7	869.87	7	1,121.49	7	1,373.12	7	1,624.67	7	1,875.83	7	2,127.33	7	2,379.02
7 1/4	124.73	7 1/4	377.11	7 1/4	629.26	7 1/4	875.11	7 1/4	1,126.74	7 1/4	1,378.36	7 1/4	1,629.91	7 1/4	1,881.06	7 1/4	2,132.57	7 1/4	2,384.26
7 1/2	129.99	7 1/2	382.36	7 1/2	634.36	7 1/2	880.35	7 1/2	1,131.98	7 1/2	1,383.60	7 1/2	1,635.15	7 1/2	1,886.29	7 1/2	2,137.81	7 1/2	2,389.50
7 3/4	135.24	7 3/4	387.62	7 3/4	639.46	7 3/4	885.59	7 3/4	1,137.22	7 3/4	1,388.85	7 3/4	1,640.39	7 3/4	1,891.52	7 3/4	2,143.06	7 3/4	2,394.73
8	140.50	8	392.88	8	644.56	8	890.84	8	1,142.46	8	1,394.09	8	1,645.63	8	1,896.74	8	2,148.30	8	2,399.97
8 1/4	145.76	8 1/4	398.14	8 1/4	649.66	8 1/4	896.08	8 1/4	1,147.70	8 1/4	1,399.33	8 1/4	1,650.87	8 1/4	1,901.97	8 1/4	2,153.54	8 1/4	2,405.21
8 1/2	151.02	8 1/2	403.40	8 1/2	654.76	8 1/2	901.32	8 1/2	1,152.95	8 1/2	1,404.57	8 1/2	1,656.11	8 1/2	1,907.20	8 1/2	2,158.79	8 1/2	2,410.45
8 3/4	156.28	8 3/4	408.65	8 3/4	659.86	8 3/4	906.56	8 3/4	1,158.19	8 3/4	1,409.81	8 3/4	1,661.35	8 3/4	1,912.42	8 3/4	2,164.03	8 3/4	2,415.69
9	161.53	9	413.91	9	664.96	9	911.81	9	1,163.43	9	1,415.06	9	1,666.59	9	1,917.65	9	2,169.27	9	2,420.93
9 1/4	166.79	9 1/4	419.17	9 1/4	670.04	9 1/4	917.05	9 1/4	1,168.67	9 1/4	1,420.30	9 1/4	1,671.83	9 1/4	1,922.88	9 1/4	2,174.52	9 1/4	2,426.16
9 1/2	172.05	9 1/2	424.43	9 1/2	675.13	9 1/2	922.29	9 1/2	1,173.92	9 1/2	1,425.54	9 1/2	1,677.07	9 1/2	1,928.10	9 1/2	2,179.76	9 1/2	2,431.40
9 3/4	177.31	9 3/4	429.68	9 3/4	680.22	9 3/4	927.53	9 3/4	1,179.16	9 3/4	1,430.78	9 3/4	1,682.31	9 3/4	1,933.33	9 3/4	2,185.01	9 3/4	2,436.64
10	182.57	10	434.94	10	685.31	10	932.77	10	1,184.40	10	1,436.03	10	1,687.55	10	1,938.56	10	2,190.25	10	2,441.88
10 1/4	187.82	10 1/4	440.20	10 1/4	690.39	10 1/4	938.02	10 1/4	1,189.64	10 1/4	1,441.27	10 1/4	1,692.80	10 1/4	1,943.80	10 1/4	2,195.49	10 1/4	2,447.12
10 1/2	193.08	10 1/2	445.46	10 1/2	695.48	10 1/2	943.26	10 1/2	1,194.88	10 1/2	1,446.51	10 1/2	1,698.04	10 1/2	1,949.04	10 1/2	2,200.74	10 1/2	2,452.36
10 3/4	198.34	10 3/4	450.72	10 3/4	700.57	10 3/4	948.50	10 3/4	1,200.13	10 3/4	1,451.75	10 3/4	1,703.28	10 3/4	1,954.29	10 3/4	2,205.98	10 3/4	2,457.59
11	203.60	11	455.97	11	705.65	11	953.74	11	1,205.37	11	1,456.99	11	1,708.52	11	1,959.53	11	2,211.22	11	2,462.83
11 1/4	208.86	11 1/4	461.23	11 1/4	710.74	11 1/4	958.99	11 1/4	1,210.61	11 1/4	1,462.24	11 1/4	1,713.76	11 1/4	1,964.77	11 1/4	2,216.47	11 1/4	2,468.07
11 1/2	214.11	11 1/2	466.49	11 1/2	715.83	11 1/2	964.23	11 1/2	1,215.85	11 1/2	1,467.48	11 1/2	1,719.00	11 1/2	1,970.02	11 1/2	2,221.71	11 1/2	2,473.31
11 3/4	219.37	11 3/4	471.75	11 3/4	720.91	11 3/4	969.47	11 3/4	1,221.10	11 3/4	1,472.72	11 3/4	1,724.24	11 3/4	1,975.26	11 3/4	2,226.95	11 3/4	2,478.55

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPM'S CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE ONLY EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24"03" FORWARD OF AFT BULKHEAD

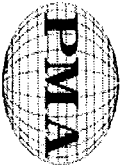
PRECISION MEASUREMENT

& ANALYSIS, INC.

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http://www.pma.com



BARGE "DBL 132"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.					
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0				
1/4	2,483.79	1/4	2,716.56	1/4	2,932.01	1/4	3,147.45	1/4	3,362.89	1/4	3,578.33	1/4	3,793.77	1/4	4,009.21	1/4	4,224.65	1/4	4,440.09	1/4	4,655.53		
1/2	2,494.26	1/2	2,725.54	1/2	2,940.98	1/2	3,156.43	1/2	3,371.87	1/2	3,587.31	1/2	3,802.75	1/2	4,018.19	1/2	4,233.63	1/2	4,449.07	1/2	4,664.51	1/2	4,879.95
3/4	2,499.50	3/4	2,730.03	3/4	2,945.47	3/4	3,160.91	3/4	3,376.35	3/4	3,591.79	3/4	3,807.23	3/4	4,022.67	3/4	4,238.11	3/4	4,453.55	3/4	4,668.99	3/4	4,884.43
1	2,504.74	1	2,734.52	1	2,949.96	1	3,165.40	1	3,380.85	1	3,596.29	1	3,811.73	1	4,027.17	1	4,242.61	1	4,458.05	1	4,673.49	1	4,888.93
1/4	2,509.98	1/4	2,739.00	1/4	2,954.45	1/4	3,169.89	1/4	3,385.33	1/4	3,600.77	1/4	3,816.21	1/4	4,031.65	1/4	4,247.09	1/4	4,462.53	1/4	4,677.97	1/4	4,893.41
1/2	2,515.22	1/2	2,743.49	1/2	2,958.94	1/2	3,174.38	1/2	3,389.82	1/2	3,605.26	1/2	3,820.70	1/2	4,036.14	1/2	4,251.58	1/2	4,467.02	1/2	4,682.46	1/2	4,897.90
3/4	2,520.46	3/4	2,747.98	3/4	2,963.42	3/4	3,179.87	3/4	3,394.81	3/4	3,610.25	3/4	3,825.69	3/4	4,041.13	3/4	4,256.57	3/4	4,472.01	3/4	4,687.45	3/4	4,902.89
1	2,525.69	1	2,752.47	1	2,967.91	1	3,183.36	1	3,398.80	1	3,614.24	1	3,830.18	1	4,046.12	1	4,261.56	1	4,477.00	1	4,692.44	1	4,907.88
1/4	2,530.93	1/4	2,756.96	1/4	2,972.40	1/4	3,187.84	1/4	3,403.28	1/4	3,619.72	1/4	3,835.66	1/4	4,051.60	1/4	4,267.04	1/4	4,482.48	1/4	4,697.92	1/4	4,913.36
1/2	2,536.17	1/2	2,761.45	1/2	2,977.89	1/2	3,192.33	1/2	3,407.78	1/2	3,624.67	1/2	3,841.11	1/2	4,056.55	1/2	4,271.99	1/2	4,487.97	1/2	4,703.35	1/2	4,919.71
3/4	2,541.41	3/4	2,765.93	3/4	2,981.38	3/4	3,196.82	3/4	3,412.28	3/4	3,630.15	3/4	3,846.09	3/4	4,061.43	3/4	4,277.37	3/4	4,493.31	3/4	4,709.65	3/4	4,925.93
1	2,546.65	1	2,770.42	1	2,985.87	1	3,201.31	1	3,416.77	1	3,635.09	1	3,850.03	1	4,066.37	1	4,282.71	1	4,498.75	1	4,715.13	1	4,931.51
1/4	2,551.89	1/4	2,774.91	1/4	2,990.35	1/4	3,205.80	1/4	3,421.24	1/4	3,640.52	1/4	3,855.46	1/4	4,071.80	1/4	4,288.14	1/4	4,504.52	1/4	4,721.90	1/4	4,936.27
1/2	2,557.12	1/2	2,779.40	1/2	2,994.84	1/2	3,210.29	1/2	3,425.72	1/2	3,645.45	1/2	3,860.39	1/2	4,076.73	1/2	4,293.62	1/2	4,510.00	1/2	4,726.76	1/2	4,941.51
3/4	2,562.36	3/4	2,783.89	3/4	2,999.33	3/4	3,214.77	3/4	3,430.20	3/4	3,650.37	3/4	3,865.31	3/4	4,081.65	3/4	4,298.99	3/4	4,515.48	3/4	4,731.82	3/4	4,946.83
1	2,567.60	1	2,788.38	1	3,003.82	1	3,219.26	1	3,434.67	1	3,655.84	1	3,871.78	1	4,087.12	1	4,304.46	1	4,520.91	1	4,736.25	1	4,951.67
1/4	2,572.82	1/4	2,792.86	1/4	3,008.31	1/4	3,223.75	1/4	3,439.11	1/4	3,660.31	1/4	3,876.23	1/4	4,092.57	1/4	4,310.90	1/4	4,525.34	1/4	4,741.69	1/4	4,956.45
1/2	2,578.05	1/2	2,797.35	1/2	3,012.80	1/2	3,228.24	1/2	3,443.56	1/2	3,665.76	1/2	3,881.74	1/2	4,098.00	1/2	4,316.34	1/2	4,530.71	1/2	4,746.10	1/2	4,961.86
3/4	2,583.27	3/4	2,801.84	3/4	3,017.28	3/4	3,232.73	3/4	3,448.00	3/4	3,671.19	3/4	3,887.17	3/4	4,103.45	3/4	4,321.72	3/4	4,535.18	3/4	4,751.59	3/4	4,967.01
1	2,588.49	1	2,806.33	1	3,021.77	1	3,237.22	1	3,452.44	1	3,676.63	1	3,892.61	1	4,108.87	1	4,327.16	1	4,540.59	1	4,756.93	1	4,972.24
1/4	2,593.72	1/4	2,810.82	1/4	3,026.26	1/4	3,241.70	1/4	3,456.82	1/4	3,681.02	1/4	3,897.99	1/4	4,114.41	1/4	4,332.85	1/4	4,545.01	1/4	4,762.32	1/4	4,977.55
1/2	2,598.94	1/2	2,815.31	1/2	3,030.75	1/2	3,246.19	1/2	3,461.20	1/2	3,686.41	1/2	3,903.46	1/2	4,120.00	1/2	4,338.34	1/2	4,550.50	1/2	4,767.87	1/2	4,983.08
3/4	2,604.16	3/4	2,819.80	3/4	3,035.24	3/4	3,250.68	3/4	3,465.68	3/4	3,691.72	3/4	3,908.97	3/4	4,125.53	3/4	4,343.82	3/4	4,555.94	3/4	4,773.30	3/4	4,988.51
1	2,609.39	1	2,824.28	1	3,039.73	1	3,255.17	1	3,469.96	1	3,696.99	1	3,914.24	1	4,130.92	1	4,349.26	1	4,561.36	1	4,778.73	1	4,993.10
1/4	2,613.84	1/4	2,828.77	1/4	3,044.22	1/4	3,259.66	1/4	3,474.59	1/4	3,701.41	1/4	3,919.71	1/4	4,136.41	1/4	4,354.77	1/4	4,566.86	1/4	4,784.19	1/4	5,000.57
1/2	2,618.30	1/2	2,833.26	1/2	3,048.70	1/2	3,264.15	1/2	3,479.16	1/2	3,706.82	1/2	3,925.12	1/2	4,142.00	1/2	4,360.24	1/2	4,572.04	1/2	4,789.61	1/2	5,006.04
3/4	2,622.75	3/4	2,837.75	3/4	3,053.19	3/4	3,268.64	3/4	3,477.84	3/4	3,709.53	3/4	3,930.79	3/4	4,147.59	3/4	4,365.76	3/4	4,577.70	3/4	4,795.27	3/4	5,011.51
1	2,627.20	1	2,842.24	1	3,057.68	1	3,273.12	1	3,480.47	1	3,712.22	1	3,935.28	1	4,153.16	1	4,371.30	1	4,583.30	1	4,800.78	1	5,017.02
1/4	2,631.66	1/4	2,846.73	1/4	3,062.17	1/4	3,277.61	1/4	3,484.96	1/4	3,717.71	1/4	3,940.79	1/4	4,158.73	1/4	4,376.82	1/4	4,588.84	1/4	4,806.31	1/4	5,022.53
1/2	2,636.11	1/2	2,851.21	1/2	3,066.66	1/2	3,282.10	1/2	3,489.45	1/2	3,722.22	1/2	3,945.28	1/2	4,164.31	1/2	4,382.35	1/2	4,594.36	1/2	4,811.80	1/2	5,028.04
3/4	2,640.57	3/4	2,855.70	3/4	3,071.15	3/4	3,286.59	3/4	3,493.94	3/4	3,727.71	3/4	3,950.81	3/4	4,169.89	3/4	4,387.88	3/4	4,600.41	3/4	4,817.35	3/4	5,033.55
1	2,645.02	1	2,856.19	1	3,075.63	1	3,291.08	1	3,498.43	1	3,732.20	1	3,955.30	1	4,175.42	1	4,393.41	1	4,605.94	1	4,822.86	1	5,039.06
1/4	2,649.48	1/4	2,860.68	1/4	3,080.12	1/4	3,295.57	1/4	3,502.92	1/4	3,740.89	1/4	3,960.79	1/4	4,181.00	1/4	4,400.00	1/4	4,611.46	1/4	4,828.37	1/4	5,044.57
1/2	2,653.93	1/2	2,865.17	1/2	3,084.61	1/2	3,300.05	1/2	3,507.41	1/2	3,745.41	1/2	3,965.21	1/2	4,186.51	1/2	4,405.51	1/2	4,616.97	1/2	4,833.88	1/2	5,050.08
3/4	2,658.38	3/4	2,870.10	3/4	3,089.10	3/4	3,304.54	3/4	3,511.90	3/4	3,750.91	3/4	3,970.71	3/4	4,192.01	3/4	4,411.01	3/4	4,622.47	3/4	4,839.39	3/4	5,055.59
1	2,662.84	1	2,875.03	1	3,093.59	1	3,309.03	1	3,516.36	1	3,755.42	1	3,975.21	1	4,197.51	1	4,416.51	1	4,627.97	1	4,844.90	1	5,061.10
1/4	2,667.29	1/4	2,880.12	1/4	3,098.08	1/4	3,313.52	1/4	3,521.85	1/4	3,760.91	1/4	3,980.71	1/4	4,203.01	1/4	4,422.01	1/4	4,633.43	1/4	4,850.41	1/4	5,066.61
1/2	2,671.75	1/2	2,885.12	1/2	3,102.56	1/2	3,318.01	1/2	3,527.34	1/2	3,765.41	1/2	3,985.21	1/2	4,208.51	1/2	4,427.51	1/2	4,638.95	1/2	4,855.92	1/2	5,072.12
3/4	2,676.20	3/4	2,890.11	3/4	3,107.05	3/4	3,322.50	3/4	3,532.83	3/4	3,770.91	3/4	3,990.71	3/4	4,214.01	3/4	4,433.01	3/4	4,644.46	3/4	4,861.43	3/4	5,077.63
1	2,680.65	1	2,895.10	1	3,111.54	1	3,326.98	1	3,537.32	1	3,775.41	1	3,995.21	1	4,219.51	1	4,438.51	1	4,650.00	1	4,866.94	1	5,083.14
1/4	2,685.14	1/4	2,900.59	1/4	3,116.03	1/4	3,331.47	1/4	3,541.81	1/4	3,780.91	1/4	4,000.71	1/4	4,225.01	1/4	4,444.01	1/4	4,655.49	1/4	4,872.45	1/4	5,088.65
1/2	2,689.63	1/2	2,905.07	1/2	3,120.52	1/2	3,335.96	1/2	3,546.30	1/2	3,785.41	1/2	4,005.21	1/2	4,230.51	1/2	4,449.51	1/2	4,660.97	1/2	4,877.96	1/2	5,094.16
3/4	2,694.12	3/4	2,909.56	3/4	3,125.01	3/4	3,340.45	3/4	3,550.79	3/4	3,790.91	3/4	4,010.71	3/4	4,236.01	3/4	4,455.01	3/4	4,666.46	3/4	4,883.43	3/4	



BARGE "DBL 132"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08" 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.
1/4	0.73	0	241.29	0	516.54	0	788.36	0	1,060.19	0	1,335.45	0	1,610.71	0	1,885.96	0	2,161.22	0	2,436.47
1/4	1.69	1/4	522.27	1/4	522.27	1/4	793.93	1/4	1,065.93	1/4	1,341.18	1/4	1,616.44	1/4	1,891.70	1/4	2,166.95	1/4	2,442.21
1/2	2.64	1/2	252.76	1/2	528.01	1/2	799.49	1/2	1,074.66	1/2	1,349.92	1/2	1,625.18	1/2	1,899.43	1/2	2,174.69	1/2	2,449.94
3/4	3.59	3/4	258.49	3/4	533.74	3/4	805.05	3/4	1,077.40	3/4	1,352.65	3/4	1,627.91	3/4	1,903.17	3/4	2,178.42	3/4	2,453.68
1	4.55	1	264.23	1	539.47	1	810.61	1	1,083.13	1	1,358.39	1	1,633.64	1	1,908.90	1	2,184.16	1	2,459.41
1/4	7.41	1/4	269.96	1/4	545.21	1/4	816.18	1/4	1,088.87	1/4	1,364.12	1/4	1,639.38	1/4	1,914.63	1/4	2,189.89	1/4	2,465.15
1/2	10.28	1/2	275.70	1/2	550.94	1/2	821.74	1/2	1,094.60	1/2	1,369.86	1/2	1,645.11	1/2	1,920.37	1/2	2,195.63	1/2	2,470.88
3/4	13.15	3/4	281.43	3/4	556.68	3/4	827.30	3/4	1,100.34	3/4	1,375.59	3/4	1,650.85	3/4	1,926.10	3/4	2,201.36	3/4	2,476.62
1	16.01	1	287.17	1	562.41	1	832.86	1	1,106.07	1	1,381.33	1	1,656.58	1	1,931.84	1	2,207.09	1	2,482.35
1/4	20.79	1/4	292.90	1/4	568.15	1/4	838.42	1/4	1,111.80	1/4	1,387.06	1/4	1,662.32	1/4	1,937.57	1/4	2,212.83	1/4	2,488.08
1/2	25.57	1/2	298.63	1/2	573.88	1/2	843.99	1/2	1,117.54	1/2	1,392.80	1/2	1,668.05	1/2	1,943.31	1/2	2,218.56	1/2	2,493.82
3/4	30.34	3/4	304.37	3/4	579.61	3/4	849.55	3/4	1,123.27	3/4	1,398.53	3/4	1,673.79	3/4	1,949.04	3/4	2,224.50	3/4	2,499.55
1	35.12	1	310.10	1	585.35	1	855.11	1	1,129.01	1	1,404.26	1	1,679.52	1	1,954.78	1	2,230.03	1	2,505.29
1/4	40.80	1/4	315.84	1/4	591.08	1/4	860.67	1/4	1,134.74	1/4	1,410.00	1/4	1,685.25	1/4	1,960.51	1/4	2,235.77	1/4	2,511.02
1/2	46.49	1/2	321.57	1/2	596.82	1/2	866.24	1/2	1,140.48	1/2	1,415.73	1/2	1,690.99	1/2	1,966.25	1/2	2,241.50	1/2	2,516.76
3/4	52.17	3/4	327.31	3/4	602.55	3/4	871.80	3/4	1,146.21	3/4	1,421.47	3/4	1,696.72	3/4	1,971.98	3/4	2,247.24	3/4	2,522.49
1	57.86	1	333.04	1	608.29	1	877.36	1	1,151.95	1	1,427.20	1	1,702.46	1	1,977.71	1	2,252.97	1	2,528.23
1/4	63.58	1/4	338.77	1/4	614.02	1/4	882.93	1/4	1,157.68	1/4	1,432.94	1/4	1,708.19	1/4	1,983.45	1/4	2,258.70	1/4	2,533.96
1/2	69.30	1/2	344.51	1/2	619.75	1/2	888.49	1/2	1,163.42	1/2	1,438.67	1/2	1,713.93	1/2	1,989.18	1/2	2,264.44	1/2	2,539.70
3/4	75.02	3/4	350.24	3/4	625.49	3/4	894.06	3/4	1,169.15	3/4	1,444.41	3/4	1,719.66	3/4	1,994.92	3/4	2,270.34	3/4	2,545.43
1	80.74	1	355.98	1	631.22	1	899.63	1	1,174.88	1	1,450.14	1	1,725.40	1	2,000.65	1	2,275.91	1	2,551.16
1/4	86.47	1/4	361.71	1/4	636.96	1/4	905.36	1/4	1,180.62	1/4	1,455.87	1/4	1,731.13	1/4	2,006.39	1/4	2,281.64	1/4	2,556.90
1/2	92.20	1/2	367.45	1/2	642.69	1/2	911.10	1/2	1,186.35	1/2	1,461.61	1/2	1,736.87	1/2	2,012.12	1/2	2,287.38	1/2	2,562.63
3/4	97.94	3/4	373.18	3/4	648.43	3/4	916.83	3/4	1,192.09	3/4	1,467.34	3/4	1,742.60	3/4	2,017.86	3/4	2,293.11	3/4	2,568.37
1	103.67	1	378.91	1	654.16	1	922.57	1	1,197.82	1	1,473.08	1	1,748.33	1	2,023.59	1	2,298.85	1	2,574.10
1/4	109.40	1/4	384.65	1/4	659.89	1/4	928.30	1/4	1,203.56	1/4	1,478.81	1/4	1,754.07	1/4	2,029.32	1/4	2,304.58	1/4	2,579.84
1/2	115.14	1/2	390.38	1/2	665.63	1/2	934.04	1/2	1,209.29	1/2	1,484.55	1/2	1,759.80	1/2	2,035.06	1/2	2,310.52	1/2	2,585.57
3/4	120.87	3/4	396.12	3/4	671.36	3/4	939.77	3/4	1,215.03	3/4	1,490.28	3/4	1,765.54	3/4	2,040.79	3/4	2,316.05	3/4	2,591.31
1	126.60	1	401.85	1	677.10	1	945.50	1	1,220.76	1	1,496.02	1	1,771.27	1	2,046.53	1	2,321.78	1	2,597.04
1/4	132.34	1/4	407.59	1/4	682.83	1/4	951.24	1/4	1,226.49	1/4	1,501.75	1/4	1,777.01	1/4	2,052.26	1/4	2,327.52	1/4	2,602.77
1/2	138.07	1/2	413.32	1/2	688.23	1/2	956.97	1/2	1,232.23	1/2	1,507.49	1/2	1,782.74	1/2	2,058.00	1/2	2,333.25	1/2	2,608.51
3/4	143.81	3/4	419.05	3/4	693.80	3/4	962.71	3/4	1,237.96	3/4	1,513.22	3/4	1,788.48	3/4	2,063.73	3/4	2,338.99	3/4	2,614.24
1	149.54	1	424.79	1	699.37	1	968.44	1	1,243.70	1	1,518.95	1	1,794.21	1	2,069.47	1	2,344.72	1	2,620.98
1/4	155.28	1/4	430.52	1/4	704.93	1/4	974.18	1/4	1,249.43	1/4	1,524.69	1/4	1,799.94	1/4	2,075.20	1/4	2,350.46	1/4	2,626.71
1/2	161.01	1/2	436.26	1/2	710.49	1/2	979.91	1/2	1,255.16	1/2	1,530.42	1/2	1,805.68	1/2	2,080.94	1/2	2,356.19	1/2	2,632.45
3/4	166.75	3/4	441.99	3/4	716.06	3/4	985.65	3/4	1,260.90	3/4	1,536.16	3/4	1,811.41	3/4	2,086.67	3/4	2,361.93	3/4	2,638.18
1	172.48	1	447.73	1	721.62	1	991.38	1	1,266.64	1	1,541.89	1	1,817.15	1	2,092.40	1	2,367.66	1	2,643.92
1/4	178.21	1/4	453.46	1/4	727.18	1/4	997.11	1/4	1,272.37	1/4	1,547.63	1/4	1,822.88	1/4	2,098.14	1/4	2,373.39	1/4	2,649.65
1/2	183.95	1/2	459.19	1/2	732.74	1/2	1,002.85	1/2	1,278.11	1/2	1,553.36	1/2	1,828.62	1/2	2,103.87	1/2	2,379.13	1/2	2,655.39
3/4	189.68	3/4	464.93	3/4	738.31	3/4	1,008.58	3/4	1,283.84	3/4	1,559.10	3/4	1,834.35	3/4	2,109.61	3/4	2,384.86	3/4	2,661.12
1	195.42	1	470.66	1	743.87	1	1,014.32	1	1,289.57	1	1,564.83	1	1,840.03	1	2,115.34	1	2,390.50	1	2,666.85
1/4	201.15	1/4	476.40	1/4	749.43	1/4	1,020.05	1/4	1,295.31	1/4	1,570.56	1/4	1,845.82	1/4	2,121.08	1/4	2,396.33	1/4	2,672.59
1/2	206.89	1/2	482.13	1/2	754.99	1/2	1,025.79	1/2	1,301.04	1/2	1,576.30	1/2	1,851.56	1/2	2,126.81	1/2	2,402.07	1/2	2,678.32
3/4	212.62	3/4	487.87	3/4	760.55	3/4	1,031.52	3/4	1,306.78	3/4	1,582.03	3/4	1,857.29	3/4	2,132.55	3/4	2,407.80	3/4	2,683.06
1	218.35	1	493.60	1	766.12	1	1,037.26	1	1,312.51	1	1,587.77	1	1,863.02	1	2,138.28	1	2,413.54	1	2,688.79
1/4	224.09	1/4	499.33	1/4	771.68	1/4	1,042.99	1/4	1,318.25	1/4	1,593.50	1/4	1,868.76	1/4	2,144.01	1/4	2,419.27	1/4	2,694.53
1/2	229.82	1/2	505.07	1/2	777.24	1/2	1,048.73	1/2	1,323.98	1/2	1,599.24	1/2	1,874.49	1/2	2,149.75	1/2	2,425.01	1/2	2,700.26
3/4	235.56	3/4	510.80	3/4	782.80	3/4	1,054.46	3/4	1,329.72	3/4	1,604.97	3/4	1,880.23	3/4	2,155.48	3/4	2,430.74	3/4	2,706.00

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MIDPS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF ART BULKHEAD

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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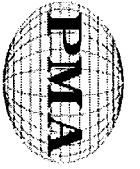
BARGE "DBL 132"

2 CENTER
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	2,117.73	0	2,986.99	0	3,262.24	0	3,537.50	0	3,812.75	0	4,088.00	0	4,363.25	0	4,638.50	0	4,913.75	0	5,189.00	0	5,464.25
1/4	2,171.46	1/4	2,992.72	1/4	3,267.98	1/4	3,543.23	1/4	3,818.49	1/4	4,093.74	1/4	4,369.00	1/4	4,644.25	1/4	4,919.50	1/4	5,194.75	1/4	5,470.00
1/2	2,723.20	1/2	2,998.46	1/2	3,273.71	1/2	3,548.97	1/2	3,824.22	1/2	4,099.47	1/2	4,374.72	1/2	4,650.00	1/2	4,925.25	1/2	5,200.50	1/2	5,475.75
3/4	2,728.93	3/4	3,004.19	3/4	3,278.45	3/4	3,554.70	3/4	3,829.96	3/4	4,105.21	3/4	4,380.46	3/4	4,655.71	3/4	4,931.00	3/4	5,206.25	3/4	5,481.50
1	2,734.67	1	3,009.92	1	3,283.18	1	3,560.44	1	3,835.69	1	4,110.94	1	4,386.19	1	4,661.44	1	4,936.69	1	5,211.94	1	5,487.19
1/4	2,740.40	1/4	3,015.66	1/4	3,290.91	1/4	3,566.17	1/4	3,841.43	1/4	4,116.68	1/4	4,391.93	1/4	4,667.18	1/4	4,942.43	1/4	5,217.68	1/4	5,492.93
1/2	2,746.14	1/2	3,021.39	1/2	3,302.38	1/2	3,577.64	1/2	3,852.90	1/2	4,127.16	1/2	4,402.41	1/2	4,677.66	1/2	4,952.91	1/2	5,228.16	1/2	5,503.41
3/4	2,751.87	3/4	3,027.13	3/4	3,307.38	3/4	3,582.64	3/4	3,857.90	3/4	4,132.16	3/4	4,407.41	3/4	4,682.66	3/4	4,957.91	3/4	5,233.16	3/4	5,508.41
2	2,757.61	2	3,032.86	2	3,308.12	2	3,583.37	2	3,858.63	2	4,137.16	2	4,412.41	2	4,687.66	2	4,962.91	2	5,238.16	2	5,513.41
1/4	2,763.34	1/4	3,038.60	1/4	3,313.85	1/4	3,589.11	1/4	3,864.38	1/4	4,139.12	1/4	4,414.37	1/4	4,689.62	1/4	4,964.87	1/4	5,239.12	1/4	5,518.37
1/2	2,769.08	1/2	3,044.33	1/2	3,319.59	1/2	3,594.84	1/2	3,870.12	1/2	4,144.12	1/2	4,419.37	1/2	4,694.62	1/2	4,969.87	1/2	5,244.12	1/2	5,523.37
3/4	2,774.81	3/4	3,050.07	3/4	3,325.32	3/4	3,600.58	3/4	3,875.87	3/4	4,149.12	3/4	4,424.37	3/4	4,700.62	3/4	4,975.87	3/4	5,249.12	3/4	5,528.37
3	2,780.54	3	3,055.80	3	3,331.06	3	3,606.31	3	3,881.61	3	4,154.12	3	4,429.37	3	4,704.62	3	4,979.87	3	5,254.12	3	5,533.37
1/4	2,786.28	1/4	3,061.53	1/4	3,336.79	1/4	3,612.05	1/4	3,887.33	1/4	4,159.12	1/4	4,434.37	1/4	4,709.62	1/4	4,984.87	1/4	5,259.12	1/4	5,538.37
1/2	2,792.01	1/2	3,067.27	1/2	3,342.53	1/2	3,617.78	1/2	3,892.52	1/2	4,164.12	1/2	4,439.37	1/2	4,714.62	1/2	4,990.87	1/2	5,264.12	1/2	5,543.37
3/4	2,797.75	3/4	3,073.00	3/4	3,348.26	3/4	3,623.52	3/4	3,903.26	3/4	4,169.12	3/4	4,444.37	3/4	4,719.62	3/4	5,000.87	3/4	5,269.12	3/4	5,548.37
4	2,803.48	4	3,078.74	4	3,353.99	4	3,629.25	4	3,909.25	4	4,174.12	4	4,449.37	4	4,724.62	4	5,006.87	4	5,274.12	4	5,553.37
1/4	2,809.22	1/4	3,084.47	1/4	3,359.73	1/4	3,634.98	1/4	3,914.18	1/4	4,179.12	1/4	4,454.37	1/4	4,729.62	1/4	5,011.87	1/4	5,279.12	1/4	5,558.37
1/2	2,814.95	1/2	3,090.21	1/2	3,365.46	1/2	3,640.72	1/2	3,919.18	1/2	4,184.12	1/2	4,459.37	1/2	4,734.62	1/2	5,016.87	1/2	5,284.12	1/2	5,563.37
3/4	2,820.69	3/4	3,095.94	3/4	3,371.20	3/4	3,646.45	3/4	3,924.18	3/4	4,189.12	3/4	4,464.37	3/4	4,739.62	3/4	5,021.87	3/4	5,289.12	3/4	5,568.37
5	2,826.42	5	3,101.68	5	3,376.93	5	3,652.19	5	3,929.23	5	4,194.12	5	4,469.37	5	4,744.62	5	5,026.87	5	5,294.12	5	5,573.37
1/4	2,832.15	1/4	3,107.41	1/4	3,382.67	1/4	3,657.92	1/4	3,934.21	1/4	4,199.12	1/4	4,474.37	1/4	4,749.62	1/4	5,031.87	1/4	5,299.12	1/4	5,578.37
1/2	2,837.89	1/2	3,113.15	1/2	3,388.40	1/2	3,663.66	1/2	3,939.26	1/2	4,204.12	1/2	4,479.37	1/2	4,754.62	1/2	5,036.87	1/2	5,304.12	1/2	5,583.37
3/4	2,843.62	3/4	3,118.88	3/4	3,394.14	3/4	3,669.42	3/4	3,944.50	3/4	4,209.12	3/4	4,484.37	3/4	4,759.62	3/4	5,041.87	3/4	5,309.12	3/4	5,588.37
6	2,849.36	6	3,124.61	6	3,399.87	6	3,675.13	6	3,949.73	6	4,214.12	6	4,489.37	6	4,764.62	6	5,046.87	6	5,314.12	6	5,593.37
1/4	2,855.09	1/4	3,130.35	1/4	3,405.60	1/4	3,680.86	1/4	3,954.96	1/4	4,219.12	1/4	4,494.37	1/4	4,769.62	1/4	5,051.87	1/4	5,319.12	1/4	5,598.37
1/2	2,860.83	1/2	3,136.08	1/2	3,411.34	1/2	3,686.60	1/2	3,960.20	1/2	4,224.12	1/2	4,500.37	1/2	4,774.62	1/2	5,056.87	1/2	5,324.12	1/2	5,603.37
3/4	2,866.56	3/4	3,141.82	3/4	3,417.07	3/4	3,692.33	3/4	3,965.44	3/4	4,229.12	3/4	4,505.37	3/4	4,779.62	3/4	5,061.87	3/4	5,329.12	3/4	5,608.37
7	2,872.30	7	3,147.55	7	3,422.81	7	3,698.06	7	3,970.68	7	4,234.12	7	4,510.37	7	4,784.62	7	5,066.87	7	5,334.12	7	5,613.37
1/4	2,878.03	1/4	3,153.29	1/4	3,428.54	1/4	3,703.80	1/4	3,975.90	1/4	4,239.12	1/4	4,515.37	1/4	4,789.62	1/4	5,071.87	1/4	5,339.12	1/4	5,618.37
1/2	2,883.77	1/2	3,159.02	1/2	3,434.28	1/2	3,709.53	1/2	3,981.12	1/2	4,244.12	1/2	4,520.37	1/2	4,794.62	1/2	5,076.87	1/2	5,344.12	1/2	5,623.37
3/4	2,889.50	3/4	3,164.76	3/4	3,440.01	3/4	3,715.27	3/4	3,986.33	3/4	4,249.12	3/4	4,525.37	3/4	4,800.62	3/4	5,081.87	3/4	5,349.12	3/4	5,628.37
8	2,895.23	8	3,170.49	8	3,445.75	8	3,721.00	8	3,991.55	8	4,254.12	8	4,530.37	8	4,805.62	8	5,086.87	8	5,354.12	8	5,633.37
1/4	2,900.97	1/4	3,176.22	1/4	3,451.48	1/4	3,726.74	1/4	3,996.77	1/4	4,259.12	1/4	4,535.37	1/4	4,810.62	1/4	5,091.87	1/4	5,359.12	1/4	5,638.37
1/2	2,906.70	1/2	3,181.96	1/2	3,457.22	1/2	3,732.47	1/2	3,999.00	1/2	4,264.12	1/2	4,540.37	1/2	4,815.62	1/2	5,096.87	1/2	5,364.12	1/2	5,643.37
3/4	2,912.44	3/4	3,187.69	3/4	3,462.95	3/4	3,738.21	3/4	4,001.23	3/4	4,269.12	3/4	4,545.37	3/4	4,820.62	3/4	5,101.87	3/4	5,369.12	3/4	5,648.37
9	2,918.17	9	3,193.43	9	3,468.68	9	3,743.94	9	4,006.46	9	4,274.12	9	4,550.37	9	4,825.62	9	5,106.87	9	5,374.12	9	5,653.37
1/4	2,923.91	1/4	3,199.16	1/4	3,474.42	1/4	3,749.67	1/4	4,011.69	1/4	4,279.12	1/4	4,555.37	1/4	4,830.62	1/4	5,111.87	1/4	5,379.12	1/4	5,658.37
1/2	2,929.64	1/2	3,204.90	1/2	3,480.15	1/2	3,755.41	1/2	4,016.92	1/2	4,284.12	1/2	4,560.37	1/2	4,835.62	1/2	5,116.87	1/2	5,384.12	1/2	5,663.37
3/4	2,935.38	3/4	3,210.63	3/4	3,485.89	3/4	3,761.14	3/4	4,022.15	3/4	4,289.12	3/4	4,565.37	3/4	4,840.62	3/4	5,121.87	3/4	5,389.12	3/4	5,668.37
10	2,941.11	10	3,216.37	10	3,491.62	10	3,766.88	10	4,027.38	10	4,294.12	10	4,570.37	10	4,845.62	10	5,126.87	10	5,394.12	10	5,673.37
1/4	2,946.84	1/4	3,222.10	1/4	3,497.36	1/4	3,772.61	1/4	4,032.61	1/4	4,299.12	1/4	4,575.37	1/4	4,850.62	1/4	5,131.87	1/4	5,399.12	1/4	5,678.37
1/2	2,952.58	1/2	3,227.84	1/2	3,503.09	1/2	3,778.35	1/2	4,037.84	1/2	4,304.12	1/2	4,580.37	1/2	4,855.62	1/2	5,136.87	1/2	5,404.12	1/2	5,683.37
3/4	2,958.31	3/4	3,233.57	3/4	3,508.83	3/4	3,784.08	3/4	4,043.07	3/4	4,309.12	3/4	4,585.37	3/4	4,860.62	3/4	5,141.87	3/4	5,409.12	3/4	5,688.37
11	2,964.05	11	3,239.30	11	3,514.56	11	3,789.82	11	4,048.30	11	4,314.12	11	4,590.37	11	4,865.62	11	5,146.87	11	5,414.12	11	5,693.37
1/4	2,969.78	1/4	3,245.04	1/4	3,520.29	1/4	3,795.55	1/4	4,053.53	1/4	4,319.12	1/4	4,595.37	1/4	4,870.62	1/4	5,151.87	1/4	5,419.12	1/4	5,698.37
1/2	2,975.52	1/2	3,250.77	1/2	3,525.03	1/2	3,801.29	1/2</													



BARGE "DBL 132"

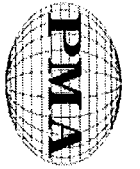
3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS												GAUGE HEIGHT 15'-08" 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	0.73	0	212.36	0	454.51	0	696.43	0	938.34	0	1,180.55	0	1,422.66	0	1,664.82	0	1,906.98	0	2,149.14				
1/4	1.57	1/4	217.44	1/4	459.56	1/4	701.46	1/4	943.39	1/4	1,185.50	1/4	1,427.71	1/4	1,669.87	1/4	1,912.03	1/4	2,154.19				
1/2	2.41	1/2	222.45	1/2	464.60	1/2	706.49	1/2	948.43	1/2	1,190.59	1/2	1,434.75	1/2	1,674.91	1/2	1,917.07	1/2	2,159.23				
3/4	3.25	3/4	227.44	3/4	469.65	3/4	711.52	3/4	953.48	3/4	1,195.64	3/4	1,442.80	3/4	1,679.96	3/4	1,922.12	3/4	2,164.28				
1	4.09	1	232.54	1	474.69	1	716.56	1	958.52	1	1,200.68	1	1,442.84	1	1,685.00	1	1,927.16	1	2,169.32				
1/4	6.61	1/4	237.59	1/4	479.74	1/4	721.59	1/4	963.57	1/4	1,205.73	1/4	1,447.89	1/4	1,690.05	1/4	1,932.21	1/4	2,174.37				
1/2	9.13	1/2	242.63	1/2	484.78	1/2	726.62	1/2	968.61	1/2	1,210.77	1/2	1,452.93	1/2	1,695.09	1/2	1,937.25	1/2	2,179.41				
3/4	11.65	3/4	247.68	3/4	489.83	3/4	731.65	3/4	973.66	3/4	1,215.82	3/4	1,457.98	3/4	1,700.14	3/4	1,942.30	3/4	2,184.46				
2	14.18	2	252.72	2	494.87	2	736.68	2	978.70	2	1,220.86	2	1,463.02	2	1,705.18	2	1,947.34	2	2,189.50				
1/4	18.38	1/4	257.77	1/4	499.92	1/4	741.71	1/4	983.75	1/4	1,225.91	1/4	1,468.07	1/4	1,710.23	1/4	1,952.39	1/4	2,194.55				
1/2	22.58	1/2	262.81	1/2	504.96	1/2	746.75	1/2	988.79	1/2	1,230.95	1/2	1,473.11	1/2	1,715.27	1/2	1,957.43	1/2	2,199.59				
3/4	26.78	3/4	267.86	3/4	510.01	3/4	751.78	3/4	993.84	3/4	1,236.00	3/4	1,478.16	3/4	1,720.32	3/4	1,962.48	3/4	2,204.64				
3	30.98	3	272.90	3	515.05	3	756.81	3	998.88	3	1,241.04	3	1,483.20	3	1,725.36	3	1,967.52	3	2,209.68				
1/4	35.98	1/4	277.95	1/4	520.10	1/4	761.84	1/4	1,003.93	1/4	1,246.09	1/4	1,488.25	1/4	1,730.41	1/4	1,972.57	1/4	2,214.73				
1/2	40.98	1/2	282.99	1/2	525.14	1/2	766.87	1/2	1,008.97	1/2	1,251.13	1/2	1,493.29	1/2	1,735.45	1/2	1,977.61	1/2	2,219.77				
3/4	45.99	3/4	288.04	3/4	530.19	3/4	771.90	3/4	1,014.02	3/4	1,256.18	3/4	1,498.34	3/4	1,740.50	3/4	1,982.66	3/4	2,224.82				
4	50.99	4	293.08	4	535.23	4	776.94	4	1,019.06	4	1,261.22	4	1,503.38	4	1,745.54	4	1,987.70	4	2,229.86				
1/4	56.02	1/4	298.13	1/4	540.28	1/4	781.97	1/4	1,024.11	1/4	1,266.27	1/4	1,508.43	1/4	1,750.59	1/4	1,992.75	1/4	2,234.91				
1/2	61.05	1/2	303.17	1/2	545.32	1/2	787.01	1/2	1,029.15	1/2	1,271.31	1/2	1,513.47	1/2	1,755.63	1/2	1,997.79	1/2	2,239.95				
3/4	66.08	3/4	308.22	3/4	550.37	3/4	792.05	3/4	1,034.20	3/4	1,276.36	3/4	1,518.52	3/4	1,760.68	3/4	2,002.84	3/4	2,245.00				
5	71.12	5	313.26	5	555.41	5	797.08	5	1,039.24	5	1,281.40	5	1,523.56	5	1,765.72	5	2,007.88	5	2,250.04				
1/4	76.16	1/4	318.31	1/4	560.46	1/4	802.13	1/4	1,044.29	1/4	1,286.45	1/4	1,528.61	1/4	1,770.77	1/4	2,012.92	1/4	2,255.09				
1/2	81.20	1/2	323.35	1/2	565.50	1/2	807.17	1/2	1,049.33	1/2	1,291.49	1/2	1,533.65	1/2	1,775.81	1/2	2,017.97	1/2	2,260.13				
3/4	86.25	3/4	328.39	3/4	570.55	3/4	812.22	3/4	1,054.38	3/4	1,296.54	3/4	1,538.70	3/4	1,780.86	3/4	2,023.02	3/4	2,265.18				
6	91.29	6	333.44	6	575.59	6	817.26	6	1,059.42	6	1,301.58	6	1,543.74	6	1,785.90	6	2,028.06	6	2,270.22				
1/4	96.33	1/4	338.48	1/4	580.63	1/4	822.31	1/4	1,064.47	1/4	1,306.63	1/4	1,548.79	1/4	1,790.95	1/4	2,033.11	1/4	2,275.27				
1/2	101.38	1/2	343.53	1/2	585.68	1/2	827.35	1/2	1,069.51	1/2	1,311.67	1/2	1,553.83	1/2	1,795.99	1/2	2,038.15	1/2	2,280.31				
3/4	106.42	3/4	348.57	3/4	590.72	3/4	832.30	3/4	1,074.56	3/4	1,316.72	3/4	1,558.88	3/4	1,801.04	3/4	2,043.20	3/4	2,285.36				
7	111.47	7	353.62	7	595.77	7	837.44	7	1,079.60	7	1,321.76	7	1,563.92	7	1,806.08	7	2,048.24	7	2,290.40				
1/4	116.51	1/4	358.66	1/4	600.81	1/4	842.49	1/4	1,084.65	1/4	1,326.81	1/4	1,568.97	1/4	1,811.13	1/4	2,053.29	1/4	2,295.45				
1/2	121.56	1/2	363.71	1/2	605.84	1/2	847.53	1/2	1,089.69	1/2	1,331.85	1/2	1,574.01	1/2	1,816.17	1/2	2,058.33	1/2	2,300.49				
3/4	126.60	3/4	368.75	3/4	610.88	3/4	852.58	3/4	1,094.74	3/4	1,336.90	3/4	1,579.06	3/4	1,821.22	3/4	2,063.38	3/4	2,305.54				
8	131.65	8	373.80	8	615.92	8	857.62	8	1,099.78	8	1,341.94	8	1,584.10	8	1,826.26	8	2,068.42	8	2,310.58				
1/4	136.69	1/4	378.84	1/4	620.95	1/4	862.67	1/4	1,104.83	1/4	1,346.99	1/4	1,589.15	1/4	1,831.31	1/4	2,073.47	1/4	2,315.63				
1/2	141.74	1/2	383.89	1/2	625.98	1/2	867.71	1/2	1,109.87	1/2	1,352.03	1/2	1,594.19	1/2	1,836.35	1/2	2,078.51	1/2	2,320.67				
3/4	146.78	3/4	388.93	3/4	631.01	3/4	872.76	3/4	1,114.92	3/4	1,357.08	3/4	1,599.24	3/4	1,841.40	3/4	2,083.56	3/4	2,325.72				
9	151.83	9	393.98	9	636.05	9	877.80	9	1,119.96	9	1,362.12	9	1,604.28	9	1,846.44	9	2,088.60	9	2,330.76				
1/4	156.87	1/4	399.02	1/4	641.08	1/4	882.85	1/4	1,125.01	1/4	1,367.17	1/4	1,609.33	1/4	1,851.49	1/4	2,093.65	1/4	2,335.81				
1/2	161.92	1/2	404.07	1/2	646.11	1/2	887.89	1/2	1,130.05	1/2	1,372.21	1/2	1,614.37	1/2	1,856.53	1/2	2,098.69	1/2	2,340.85				
3/4	166.96	3/4	409.11	3/4	651.14	3/4	892.94	3/4	1,135.10	3/4	1,377.26	3/4	1,619.42	3/4	1,861.58	3/4	2,103.74	3/4	2,345.90				
10	172.01	10	414.16	10	656.17	10	897.98	10	1,140.14	10	1,382.30	10	1,624.46	10	1,866.62	10	2,108.78	10	2,350.94				
1/4	177.05	1/4	419.20	1/4	661.21	1/4	903.03	1/4	1,145.19	1/4	1,387.35	1/4	1,629.51	1/4	1,871.67	1/4	2,113.83	1/4	2,355.99				
1/2	182.10	1/2	424.25	1/2	666.24	1/2	908.07	1/2	1,150.23	1/2	1,392.39	1/2	1,634.55	1/2	1,876.71	1/2	2,118.87	1/2	2,361.03				
3/4	187.14	3/4	429.29	3/4	671.27	3/4	913.12	3/4	1,155.28	3/4	1,397.44	3/4	1,639.60	3/4	1,881.76	3/4	2,123.92	3/4	2,366.08				
11	192.19	11	434.34	11	676.30	11	918.16	11	1,160.32	11	1,402.48	11	1,644.64	11	1,886.80	11	2,128.96	11	2,371.12				
1/4	197.23	1/4	439.38	1/4	681.33	1/4	923.21	1/4	1,165.37	1/4	1,407.53	1/4	1,649.69	1/4	1,891.85	1/4	2,134.01	1/4	2,376.17				
1/2	202.27	1/2	444.43	1/2	686.36	1/2	928.25	1/2	1,170.41	1/2	1,412.57	1/2	1,654.73	1/2	1,896.89	1/2	2,139.05	1/2	2,381.21				
3/4	207.32	3/4	449.47	3/4	691.40	3/4	933.30	3/4	1,175.46	3/4	1,417.62	3/4	1,659.78	3/4	1,901.94	3/4	2,144.10	3/4	2,386.26				

CERTIFIED CHART FOR THE ABOVE INNAGE ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24"-06" FORWARD OF AFT BULKHEAD

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



BARGE "DBL 132"

3 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
10	2,391.30	11	2,633.46	12	2,875.62	13	3,117.78	14	3,359.94	15	3,602.10	16	3,844.26	17	4,086.42	18	4,328.58	19	4,570.74		
0	2,396.35	1/4	2,638.51	1/2	2,880.67	3/4	3,122.83	1	3,364.99	1/4	3,607.15	1/2	3,849.31	3/4	4,091.47	1	4,333.63	1/4	4,575.79	1/2	4,817.95
1/2	2,401.39	1/2	2,643.55	1/2	2,885.71	1/2	3,127.87	1/2	3,370.03	1/2	3,612.19	1/2	3,854.35	1/2	4,096.51	1/2	4,338.67	1/2	4,580.83	1/2	4,822.99
3/4	2,406.44	3/4	2,648.60	3/4	2,890.76	3/4	3,132.92	3/4	3,375.08	3/4	3,617.24	3/4	3,859.40	3/4	4,101.56	3/4	4,343.72	3/4	4,585.88	3/4	4,828.04
1	2,411.48	1	2,653.64	1	2,895.80	1	3,137.96	1	3,380.12	1	3,622.28	1	3,864.44	1	4,106.60	1	4,348.76	1	4,590.92	1	4,833.08
1/4	2,416.53	1/4	2,658.69	1/4	2,900.85	1/4	3,143.01	1/4	3,385.17	1/4	3,627.33	1/4	3,871.49	1/4	4,113.65	1/4	4,355.81	1/4	4,597.97	1/4	4,840.13
1/2	2,421.57	1/2	2,663.73	1/2	2,905.89	1/2	3,148.05	1/2	3,390.21	1/2	3,632.37	1/2	3,876.53	1/2	4,118.69	1/2	4,360.85	1/2	4,602.91	1/2	4,845.07
3/4	2,426.62	3/4	2,668.78	3/4	2,910.94	3/4	3,153.10	3/4	3,395.26	3/4	3,637.42	3/4	3,881.68	3/4	4,123.75	3/4	4,365.91	3/4	4,607.97	3/4	4,849.13
2	2,431.66	2	2,673.82	2	2,915.98	2	3,158.14	2	3,400.30	2	3,642.46	2	3,886.72	2	4,128.81	2	4,373.07	2	4,615.13	2	4,857.29
1/4	2,436.71	1/4	2,678.87	1/4	2,921.03	1/4	3,163.19	1/4	3,405.36	1/4	3,647.52	1/4	3,893.88	1/4	4,133.87	1/4	4,378.13	1/4	4,620.19	1/4	4,862.45
1/2	2,441.75	1/2	2,683.91	1/2	2,926.07	1/2	3,168.23	1/2	3,410.41	1/2	3,651.57	1/2	3,897.93	1/2	4,138.91	1/2	4,383.17	1/2	4,625.23	1/2	4,867.49
3/4	2,446.80	3/4	2,688.96	3/4	2,931.12	3/4	3,173.28	3/4	3,415.47	3/4	3,656.63	3/4	3,902.99	3/4	4,143.95	3/4	4,388.21	3/4	4,630.29	3/4	4,871.55
3	2,451.84	3	2,694.00	3	2,936.16	3	3,178.32	3	3,420.52	3	3,661.68	3	3,908.04	3	4,149.01	3	4,393.27	3	4,635.33	3	4,875.61
1/4	2,456.89	1/4	2,699.05	1/4	2,941.21	1/4	3,183.37	1/4	3,425.55	1/4	3,666.71	1/4	3,913.17	1/4	4,154.01	1/4	4,398.33	1/4	4,640.39	1/4	4,879.65
1/2	2,461.93	1/2	2,704.09	1/2	2,946.25	1/2	3,188.41	1/2	3,430.58	1/2	3,671.75	1/2	3,918.19	1/2	4,159.15	1/2	4,403.35	1/2	4,645.41	1/2	4,884.71
3/4	2,466.98	3/4	2,709.14	3/4	2,951.30	3/4	3,193.46	3/4	3,435.62	3/4	3,676.77	3/4	3,923.21	3/4	4,164.11	3/4	4,408.37	3/4	4,650.47	3/4	4,889.77
4	2,472.02	4	2,714.18	4	2,956.34	4	3,198.50	4	3,440.65	4	3,681.81	4	3,928.25	4	4,169.05	4	4,413.21	4	4,655.27	4	4,894.57
1/4	2,477.07	1/4	2,719.23	1/4	2,961.39	1/4	3,203.55	1/4	3,445.65	1/4	3,686.81	1/4	3,933.29	1/4	4,173.93	1/4	4,418.09	1/4	4,660.33	1/4	4,899.63
1/2	2,482.11	1/2	2,724.27	1/2	2,966.43	1/2	3,208.59	1/2	3,450.65	1/2	3,691.81	1/2	3,938.33	1/2	4,178.97	1/2	4,423.03	1/2	4,665.39	1/2	4,904.63
3/4	2,487.16	3/4	2,729.32	3/4	2,971.48	3/4	3,213.64	3/4	3,455.65	3/4	3,696.81	3/4	3,943.33	3/4	4,183.97	3/4	4,428.03	3/4	4,670.39	3/4	4,909.63
5	2,492.20	5	2,734.36	5	2,976.52	5	3,218.68	5	3,460.65	5	3,701.81	5	3,948.33	5	4,188.97	5	4,433.03	5	4,675.39	5	4,914.63
1/4	2,497.25	1/4	2,739.41	1/4	2,981.57	1/4	3,223.73	1/4	3,465.65	1/4	3,706.81	1/4	3,953.33	1/4	4,193.97	1/4	4,438.03	1/4	4,680.39	1/4	4,919.63
1/2	2,502.29	1/2	2,744.45	1/2	2,986.61	1/2	3,228.77	1/2	3,470.65	1/2	3,711.81	1/2	3,958.33	1/2	4,203.97	1/2	4,443.03	1/2	4,685.39	1/2	4,924.63
3/4	2,507.34	3/4	2,749.50	3/4	2,991.66	3/4	3,233.82	3/4	3,475.65	3/4	3,716.81	3/4	3,963.33	3/4	4,208.97	3/4	4,448.03	3/4	4,690.39	3/4	4,929.63
6	2,512.38	6	2,754.54	6	2,996.70	6	3,238.86	6	3,477.46	6	3,721.81	6	3,968.33	6	4,213.97	6	4,453.03	6	4,695.39	6	4,934.63
1/4	2,517.43	1/4	2,759.59	1/4	3,001.75	1/4	3,243.91	1/4	3,479.98	1/4	3,726.81	1/4	3,973.33	1/4	4,218.97	1/4	4,458.03	1/4	4,699.39	1/4	4,939.63
1/2	2,522.47	1/2	2,764.63	1/2	3,006.79	1/2	3,248.95	1/2	3,482.51	1/2	3,731.81	1/2	3,978.33	1/2	4,223.97	1/2	4,463.03	1/2	4,704.39	1/2	4,944.63
3/4	2,527.52	3/4	2,769.68	3/4	3,011.84	3/4	3,254.00	3/4	3,487.51	3/4	3,736.81	3/4	3,983.33	3/4	4,228.97	3/4	4,468.03	3/4	4,709.39	3/4	4,949.63
7	2,532.56	7	2,774.72	7	3,016.88	7	3,259.04	7	3,487.55	7	3,741.81	7	3,988.33	7	4,233.97	7	4,473.03	7	4,714.39	7	4,954.63
1/4	2,537.61	1/4	2,779.77	1/4	3,021.93	1/4	3,264.09	1/4	3,488.39	1/4	3,746.81	1/4	3,993.33	1/4	4,238.97	1/4	4,478.03	1/4	4,719.39	1/4	4,959.63
1/2	2,542.65	1/2	2,784.81	1/2	3,026.97	1/2	3,269.13	1/2	3,489.23	1/2	3,751.81	1/2	3,998.33	1/2	4,243.97	1/2	4,483.03	1/2	4,724.39	1/2	4,964.63
3/4	2,547.70	3/4	2,789.86	3/4	3,032.02	3/4	3,274.18	3/4	3,490.07	3/4	3,756.81	3/4	4,003.33	3/4	4,248.97	3/4	4,488.03	3/4	4,729.39	3/4	4,969.63
8	2,552.74	8	2,794.90	8	3,037.06	8	3,279.22	8	3,490.91	8	3,761.81	8	4,008.33	8	4,253.97	8	4,493.03	8	4,734.39	8	4,974.63
1/4	2,557.79	1/4	2,799.95	1/4	3,042.11	1/4	3,284.27	1/4	3,491.75	1/4	3,766.81	1/4	4,013.33	1/4	4,258.97	1/4	4,498.03	1/4	4,739.39	1/4	4,979.63
1/2	2,562.83	1/2	2,804.99	1/2	3,047.15	1/2	3,289.31	1/2	3,492.59	1/2	3,771.81	1/2	4,018.33	1/2	4,263.97	1/2	4,503.03	1/2	4,744.39	1/2	4,984.63
3/4	2,567.88	3/4	2,810.04	3/4	3,052.20	3/4	3,294.36	3/4	3,493.43	3/4	3,776.81	3/4	4,023.33	3/4	4,268.97	3/4	4,508.03	3/4	4,749.39	3/4	4,989.63
9	2,572.92	9	2,815.08	9	3,057.24	9	3,299.40	9	3,494.27	9	3,781.81	9	4,028.33	9	4,273.97	9	4,513.03	9	4,754.39	9	4,994.63
1/4	2,577.97	1/4	2,820.13	1/4	3,062.29	1/4	3,304.45	1/4	3,495.11	1/4	3,786.81	1/4	4,033.33	1/4	4,278.97	1/4	4,518.03	1/4	4,759.39	1/4	4,999.63
1/2	2,583.01	1/2	2,825.17	1/2	3,067.33	1/2	3,309.49	1/2	3,495.95	1/2	3,791.81	1/2	4,038.33	1/2	4,283.97	1/2	4,523.03	1/2	4,764.39	1/2	5,004.63
3/4	2,588.06	3/4	2,830.22	3/4	3,072.38	3/4	3,314.54	3/4	3,496.79	3/4	3,796.81	3/4	4,043.33	3/4	4,288.97	3/4	4,528.03	3/4	4,769.39	3/4	5,009.63
10	2,593.10	10	2,835.26	10	3,077.42	10	3,319.58	10	3,497.63	10	3,801.81	10	4,048.33	10	4,293.97	10	4,533.03	10	4,774.39	10	5,014.63
1/4	2,598.15	1/4	2,840.31	1/4	3,082.47	1/4	3,324.63	1/4	3,498.47	1/4	3,806.81	1/4	4,053.33	1/4	4,298.97	1/4	4,538.03	1/4	4,779.39	1/4	5,019.63
1/2	2,603.19	1/2	2,845.35	1/2	3,087.51	1/2	3,329.67	1/2	3,499.31	1/2	3,811.81	1/2	4,058.33	1/2	4,303.97	1/2	4,543.03	1/2	4,784.39	1/2	5,024.63
3/4	2,608.24	3/4	2,850.40	3/4	3,092.56	3/4	3,334.72	3/4	3,499.15	3/4	3,816.81	3/4	4,063.33	3/4	4,308.97	3/4	4,548.03	3/4	4,789.39	3/4	5,029.63
11	2,613.28	11	2,855.44	11	3,097.60	11	3,339.76	11	3,499.99	11	3,821.81	11	4,068.33	11	4,313.97	11	4,553.03	11	4,794.39	11	5,034.63
1/4	2,618.33	1/4	2,860.49	1/4	3,102.65	1/4	3,344.81	1/4	3,499.83	1/4	3,826.81	1/4	4,073.33	1/4	4,318.97	1/4	4,558.03	1/4	4,799.39	1/4	5,039.63
1/2	2,623.37	1/2	2,865.53	1/2	3,107.69	1/2	3,349.85	1/2	3,499.67	1/2	3,831.81	1/2	4,078.33								