



BARGE "WEB 228"

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 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4
2 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
2 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
3 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
3 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
4 CENTER	- 00-7/8	00-7/8	- 01-3/4	01-3/4	- 02-1/2	02-1/2	- 03-3/8	03-3/8	- 04-1/4	04-1/4	- 05-1/8	05-1/8

(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 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 234'-00"

June 15, 2011

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

<http://www.pmacorp.net>



BARGE "WEB 228"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01" 1/2"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.		
0	1.06	0	366.67	0	869.23	0	1,386.62	0	1,913.84	0	2,441.28	0	2,968.72	0	3,496.15	0	4,023.59	0	4,551.03										
1/4	2.43	1/4	376.09 ^{1/4}		870.22	1/4	1,397.60	1/4	1,924.83	1/4	2,452.27	1/4	2,979.71	1/4	3,507.14	1/4	4,034.58	1/4	4,562.02										
1/2	3.82	1/2	384.60 ^{1/2}		881.21	1/2	1,408.59	1/2	1,936.82	1/2	2,463.26	1/2	2,990.70	1/2	3,518.13	1/2	4,046.57	1/2	4,573.01										
3/4	6.20	3/4	394.12 ^{3/4}		892.20	3/4	1,419.57	3/4	1,946.80	3/4	2,474.24	3/4	3,001.68	3/4	3,529.12	3/4	4,056.56	3/4	4,583.99										
1	6.68	1	403.63	1	903.19	1	1,430.55	1	1,957.79	1	2,485.23	1	3,012.67	1	3,540.11	1	4,067.55	1	4,594.98										
1 1/4	10.66	1 1/4	413.27 ^{1/4}		914.18	1 1/4	1,441.54	1 1/4	1,968.78	1 1/4	2,496.22	1 1/4	3,023.66	1 1/4	3,551.10	1 1/4	4,078.54	1 1/4	4,605.97										
1 1/2	14.73	1 1/2	422.92 ^{1/2}		925.17	1 1/2	1,452.52	1 1/2	1,979.77	1 1/2	2,507.21	1 1/2	3,034.65	1 1/2	3,562.09	1 1/2	4,089.53	1 1/2	4,616.96										
3/4	18.80	3/4	432.56 ^{3/4}		936.16	3/4	1,463.51	3/4	1,990.76	3/4	2,518.19	3/4	3,045.63	3/4	3,573.07	3/4	4,100.51	3/4	4,627.95										
2	22.87	2	442.20	2	947.14	2	1,474.49	2	2,001.76	2	2,529.18	2	3,056.62	2	3,584.06	2	4,111.50	2	4,638.94										
2 1/4	29.48	2 1/4	452.01 ^{1/4}		958.13	2 1/4	1,485.47	2 1/4	2,012.74	2 1/4	2,540.17	2 1/4	3,067.61	2 1/4	3,595.05	2 1/4	4,122.49	2 1/4	4,649.93										
2 1/2	36.09	2 1/2	461.81 ^{1/2}		969.12	2 1/2	1,496.46	2 1/2	2,023.73	2 1/2	2,551.16	2 1/2	3,078.60	2 1/2	3,606.04	2 1/2	4,133.48	2 1/2	4,660.92										
3/4	42.70	3/4	471.62 ^{3/4}		980.10	3/4	1,507.44	3/4	2,034.71	3/4	2,562.15	3/4	3,089.59	3/4	3,617.02	3/4	4,144.46	3/4	4,671.90										
3	49.31	3	481.42	3	991.09	3	1,518.42	3	2,045.70	3	2,573.14	3	3,100.58	3	3,628.01	3	4,155.45	3	4,682.89										
3 1/4	57.36	3 1/4	491.36 ^{1/4}		1,002.08	3 1/4	1,529.41	3 1/4	2,056.69	3 1/4	2,584.13	3 1/4	3,111.57	3 1/4	3,639.00	3 1/4	4,166.44	3 1/4	4,693.88										
3 1/2	65.41	3 1/2	501.30 ^{1/2}		1,013.07	3 1/2	1,540.39	3 1/2	2,067.68	3 1/2	2,595.12	3 1/2	3,122.56	3 1/2	3,649.99	3 1/2	4,177.43	3 1/2	4,704.87										
4	73.45	4	511.23 ^{3/4}		1,024.06	4	1,551.38	4	2,078.66	4	2,606.10	4	3,133.54	4	3,660.98	4	4,188.42	4	4,715.86										
4 1/4	81.50	4 1/4	521.17	4	1,035.05	4 1/4	1,562.36	4 1/4	2,089.65	4 1/4	2,617.09	4 1/4	3,144.53	4 1/4	3,671.97	4 1/4	4,199.41	4 1/4	4,726.84										
4 1/2	89.65	4 1/2	531.24 ^{1/4}		1,046.04	4 1/2	1,573.34	4 1/2	2,101.64	4 1/2	2,628.08	4 1/2	3,155.52	4 1/2	3,682.96	4 1/2	4,210.40	4 1/2	4,737.83										
3/4	97.80	3/4	541.30 ^{1/2}		1,057.03	3/4	1,584.33	3/4	2,111.63	3/4	2,639.07	3/4	3,166.51	3/4	3,693.95	3/4	4,221.39	3/4	4,748.82										
5	105.94	5	551.37 ^{3/4}		1,068.01	5	1,595.31	5	2,122.62	5	2,650.05	5	3,177.49	5	3,704.93	5	4,232.37	5	4,759.81										
5 1/4	114.09	5 1/4	561.43	6	1,079.00	5 1/4	1,606.29	5 1/4	2,133.61	5 1/4	2,661.04	5 1/4	3,188.48	5 1/4	3,715.92	5 1/4	4,243.36	5 1/4	4,770.80										
5 1/2	122.67	5 1/2	571.61 ^{1/4}		1,089.99	5 1/2	1,617.28	5 1/2	2,144.60	5 1/2	2,672.03	5 1/2	3,199.47	5 1/2	3,726.91	5 1/2	4,254.35	5 1/2	4,781.79										
3/4	131.25	3/4	581.79 ^{1/2}		1,100.98	3/4	1,628.26	3/4	2,155.59	3/4	2,683.02	3/4	3,210.46	3/4	3,737.90	3/4	4,265.34	3/4	4,792.78										
6	139.82	6	591.97 ^{3/4}		1,111.96	6	1,639.25	6	2,166.57	6	2,694.01	6	3,221.45	6	3,748.88	6	4,276.32	6	4,803.76										
6 1/4	148.40	6 1/4	602.15	6	1,122.95	6 1/4	1,650.23	6 1/4	2,177.56	6 1/4	2,705.00	6 1/4	3,232.44	6 1/4	3,759.87	6 1/4	4,287.31	6 1/4	4,814.75										
6 1/2	157.11	6 1/2	612.41 ^{1/4}		1,133.94	6 1/2	1,661.21	6 1/2	2,188.55	6 1/2	2,715.99	6 1/2	3,243.43	6 1/2	3,770.86	6 1/2	4,298.30	6 1/2	4,825.74										
3/4	165.82	3/4	622.67 ^{1/2}		1,144.93	3/4	1,672.20	3/4	2,199.54	3/4	2,726.98	3/4	3,254.42	3/4	3,781.85	3/4	4,309.29	3/4	4,836.73										
7	174.53	7	632.92 ^{3/4}		1,155.92	7	1,683.18	7	2,210.52	7	2,737.96	7	3,265.40	7	3,792.84	7	4,320.28	7	4,847.71										
7 1/4	183.24	7 1/4	643.18	7	1,166.91	7 1/4	1,694.16	7 1/4	2,221.51	7 1/4	2,748.95	7 1/4	3,276.39	7 1/4	3,803.83	7 1/4	4,331.27	7 1/4	4,858.70										
7 1/2	192.08	7 1/2	653.56 ^{1/4}		1,177.90	7 1/2	1,705.15	7 1/2	2,232.50	7 1/2	2,759.94	7 1/2	3,287.38	7 1/2	3,814.82	7 1/2	4,342.26	7 1/2	4,869.69										
3/4	200.92	3/4	663.93 ^{1/2}		1,188.89	3/4	1,716.13	3/4	2,243.49	3/4	2,770.93	3/4	3,298.37	3/4	3,825.81	3/4	4,353.25	3/4	4,880.68										
8	209.76	8	674.31 ^{3/4}		1,199.87	8	1,727.12	8	2,254.47	8	2,781.91	8	3,309.35	8	3,836.79	8	4,364.23	8	4,891.67										
8 1/4	218.60	8 1/4	684.68	8	1,210.86	8 1/4	1,738.10	8 1/4	2,265.46	8 1/4	2,792.90	8 1/4	3,320.34	8 1/4	3,847.78	8 1/4	4,375.22	8 1/4	4,902.66										
8 1/2	227.56	8 1/2	695.57 ^{1/4}		1,221.84	8 1/2	1,749.08	8 1/2	2,276.45	8 1/2	2,803.89	8 1/2	3,331.33	8 1/2	3,858.77	8 1/2	4,386.21	8 1/2	4,913.65										
3/4	236.53	3/4	706.45 ^{1/2}		1,232.83	3/4	1,760.07	3/4	2,287.44	3/4	2,814.88	3/4	3,342.32	3/4	3,869.76	3/4	4,397.20	3/4	4,924.64										
9	245.49	9	717.34 ^{3/4}		1,243.81	9	1,771.05	9	2,298.43	9	2,825.87	9	3,353.30	9	3,880.74	9	4,408.18	9	4,935.62										
9 1/4	254.45	9 1/4	728.22	9	1,254.79	9 1/4	1,782.03	9 1/4	2,309.42	9 1/4	2,836.86	9 1/4	3,364.29	9 1/4	3,891.73	9 1/4	4,419.17	9 1/4	4,946.61										
9 1/2	263.67	9 1/2	739.10 ^{1/4}		1,265.77	9 1/2	1,793.02	9 1/2	2,320.41	9 1/2	2,847.85	9 1/2	3,375.28	9 1/2	3,902.72	9 1/2	4,430.16	9 1/2	4,957.60										
3/4	272.70	3/4	749.99 ^{1/2}		1,276.76	3/4	1,804.00	3/4	2,331.40	3/4	2,858.84	3/4	3,386.27	3/4	3,913.71	3/4	4,441.15	3/4	4,968.59										
10	281.82	10	760.87 ^{3/4}		1,287.74	10	1,814.99	10	2,342.38	10	2,869.82	10	3,397.26	10	3,924.70	10	4,452.13	10	4,979.57										
10 1/4	290.94	10 1/4	771.75	10	1,298.72	10 1/4	1,825.97	10 1/4	2,353.37	10 1/4	2,880.81	10 1/4	3,408.25	10 1/4	3,935.69	10 1/4	4,463.12	10 1/4	4,990.56										
10 1/2	300.20	10 1/2	782.63 ^{1/4}		1,309.71	10 1/2	1,836.95	10 1/2	2,364.36	10 1/2	2,891.80	10 1/2	3,419.24	10 1/2	3,946.68	10 1/2	4,474.11	10 1/2	5,001.55										
3/4	309.45	3/4	793.52 ^{1/2}		1,320.70	3/4	1,847.94	3/4	2,375.35	3/4	2,902.79	3/4	3,430.23	3/4	3,957.67	3/4	4,485.10	3/4	5,012.54										
11	318.71	11	804.40 ^{3/4}		1,331.68	11	1,858.92	11	2,386.33	11	2,913.77	11	3,441.21	11	3,968.65	11	4,496.09	11	5,023.53										
11 1/4	327.96	11 1/4	815.28	11	1,342.67	11 1/4	1,869.90	11 1/4	2,397.32	11 1/4	2,924.76	11 1/4	3,452.20	11 1/4	3,979.64	11 1/4	4,507.08	11 1/4	5,034.52										
11 1/2	337.36	11 1/2	826.27 ^{1/4}		1,353.66	11 1/2	1,880.89	11 1/2	2,408.31	11 1/2	2,935.75	11 1/2	3,463.19	11 1/2	3,990.63	11 1/2	4,518.07	11 1/2	5,045.51										
3/4	346.77	3/4	837.26 ^{1/2}		1,364.65	3/4	1,891.87	3/4	2,419.30	3/4	2,946.74	3/4	3,474.18	3/4	4,001.62	3/4	4,529.06	3/4	5,056.50										
12	356.17	12	848.24 ^{3/4}		1,375.63	12	1,902.86	12	2,430.29	12	2,957.73	12	3,485.16	12	4,012.60	12	4,540.04	12	5,067.48										

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 5/16" ABOVE TANK BOTTOM.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 01'-00" OFF CENTERLINE AND 37'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "WEB 228"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	5,078.47	0	5,605.91	0	6,133.35	0	6,660.78	0	7,188.30	0		0		0		0		0	
1/4	5,089.46	1/4	5,616.90	1/4	6,144.34	1/4	6,671.77	1/4	7,199.29	1/4		1/4		1/4		1/4		1/4	
1/2	5,100.45	1/2	5,627.89	1/2	6,155.33	1/2	6,682.76	1/2	7,210.28	1/2		1/2		1/2		1/2		1/2	
3/4	5,111.43	3/4	5,638.87	3/4	6,166.31	3/4	6,693.75	3/4	7,221.27	3/4		3/4		3/4		3/4		3/4	
1	5,122.42	1	5,649.86	1	6,177.30	1	6,704.74	1	7,232.26	1		1		1		1		1	
1/4	5,133.41	1/4	5,660.85	1/4	6,188.29	1/4	6,715.73	1/4	7,243.25	1/4		1/4		1/4		1/4		1/4	
1/2	5,144.40	1/2	5,671.84	1/2	6,199.28	1/2	6,726.72	1/2	7,254.24	1/2		1/2		1/2		1/2		1/2	
3/4	5,155.39	3/4	5,682.82	3/4	6,210.26	3/4	6,737.70	3/4	7,265.23	3/4		3/4		3/4		3/4		3/4	
2	5,166.38	2	5,693.81	2	6,221.25	2	6,748.69	2	7,276.22	2		2		2		2		2	
1/4	5,177.37	1/4	5,704.80	1/4	6,232.24	1/4	6,759.68	1/4	7,287.10	1/4		1/4		1/4		1/4		1/4	
1/2	5,188.36	1/2	5,715.79	1/2	6,243.23	1/2	6,770.67	1/2	7,297.97	1/2		1/2		1/2		1/2		1/2	
3/4	5,199.34	3/4	5,726.78	3/4	6,254.22	3/4	6,781.66	3/4	7,308.85	3/4		3/4		3/4		3/4		3/4	
3	5,210.33	3	5,737.77	3	6,265.21	3	6,792.65	3	7,319.72	3		3		3		3		3	
1/4	5,221.32	1/4	5,748.76	1/4	6,276.20	1/4	6,803.64	1/4	7,329.11	1/4		1/4		1/4		1/4		1/4	
1/2	5,232.31	1/2	5,759.75	1/2	6,287.19	1/2	6,814.63	1/2	7,338.49	1/2		1/2		1/2		1/2		1/2	
3/4	5,243.29	3/4	5,770.73	3/4	6,298.17	3/4	6,825.62	3/4	7,347.88	3/4		3/4		3/4		3/4		3/4	
4	5,254.28	4	5,781.72	4	6,309.16	4	6,836.61	4	7,357.26	4		4		4		4		4	
1/4	5,265.27	1/4	5,792.71	1/4	6,320.15	1/4	6,847.60	1/4	7,364.82	1/4		1/4		1/4		1/4		1/4	
1/2	5,276.26	1/2	5,803.70	1/2	6,331.14	1/2	6,858.59	1/2	7,372.38	1/2		1/2		1/2		1/2		1/2	
3/4	5,287.25	3/4	5,814.68	3/4	6,342.12	3/4	6,869.58	3/4	7,379.93	3/4		3/4		3/4		3/4		3/4	
5	5,298.24	5	5,825.67	5	6,353.11	5	6,880.57	5	7,387.49	5		5		5		5		5	
1/4	5,309.23	1/4	5,836.66	1/4	6,364.10	1/4	6,891.56	1/4	7,393.21	1/4		1/4		1/4		1/4		1/4	
1/2	5,320.22	1/2	5,847.65	1/2	6,375.09	1/2	6,902.55	1/2	7,398.94	1/2		1/2		1/2		1/2		1/2	
3/4	5,331.20	3/4	5,858.64	3/4	6,386.08	3/4	6,913.54	3/4	7,404.66	3/4		3/4		3/4		3/4		3/4	
6	5,342.19	6	5,869.63	6	6,397.07	6	6,924.53	6	7,410.38	6		6		6		6		6	
1/4	5,353.18	1/4	5,880.62	1/4	6,408.06	1/4	6,935.52	1/4	7,414.27	1/4		1/4		1/4		1/4		1/4	
1/2	5,364.17	1/2	5,891.61	1/2	6,419.05	1/2	6,946.51	1/2	7,418.16	1/2		1/2		1/2		1/2		1/2	
3/4	5,375.15	3/4	5,902.59	3/4	6,430.03	3/4	6,957.50	3/4	7,422.05	3/4		3/4		3/4		3/4		3/4	
7	5,386.14	7	5,913.58	7	6,441.02	7	6,968.49	7	7,425.94	7		7		7		7		7	
1/4	5,397.13	1/4	5,924.57	1/4	6,452.01	1/4	6,979.48	1/4	7,428.46	1/4		1/4		1/4		1/4		1/4	
1/2	5,408.12	1/2	5,935.56	1/2	6,463.00	1/2	6,990.48	1/2	7,430.97	1/2		1/2		1/2		1/2		1/2	
3/4	5,419.11	3/4	5,946.54	3/4	6,473.98	3/4	7,001.47	3/4		3/4		3/4		3/4		3/4		3/4	
8	5,430.10	8	5,957.53	8	6,484.97	8	7,012.46	8		8		8		8		8		8	
1/4	5,441.09	1/4	5,968.52	1/4	6,495.96	1/4	7,023.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,452.08	1/2	5,979.51	1/2	6,506.95	1/2	7,034.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,463.06	3/4	5,990.50	3/4	6,517.94	3/4	7,045.43	3/4		3/4		3/4		3/4		3/4		3/4	
9	5,474.05	9	6,001.49	9	6,528.93	9	7,056.42	9		9		9		9		9		9	
1/4	5,485.04	1/4	6,012.48	1/4	6,539.92	1/4	7,067.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,496.03	1/2	6,023.47	1/2	6,550.91	1/2	7,078.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,507.01	3/4	6,034.45	3/4	6,561.89	3/4	7,089.39	3/4		3/4		3/4		3/4		3/4		3/4	
10	5,518.00	10	6,045.44	10	6,572.88	10	7,100.38	10		10		10		10		10		10	
1/4	5,528.99	1/4	6,056.43	1/4	6,583.87	1/4	7,111.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,539.98	1/2	6,067.42	1/2	6,594.86	1/2	7,122.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,550.96	3/4	6,078.40	3/4	6,605.84	3/4	7,133.35	3/4		3/4		3/4		3/4		3/4		3/4	
11	5,561.95	11	6,089.39	11	6,616.83	11	7,144.34	11		11		11		11		11		11	
1/4	5,572.94	1/4	6,100.38	1/4	6,627.82	1/4	7,155.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,583.93	1/2	6,111.37	1/2	6,638.81	1/2	7,166.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,594.92	3/4	6,122.36	3/4	6,649.79	3/4	7,177.31	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/14/2001 ITS
DECK MEASUREMENTS: 06/13/2011 CL
REPRINTED: 06/15/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2011

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 228"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 5/8"

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	9.25	0	263.80	0	525.28	0	788.06	0	1,050.71	0	1,313.56	0	1,576.41	0	1,839.26	0	2,102.10	0	2,364.95
1/4	13.42	1/4	269.26 ^{1/4}		530.76	1/4	793.53	1/4	1,056.19	1/4	1,319.04	1/4	1,581.88	1/4	1,844.73	1/4	2,107.58	1/4	2,370.43
1/2	17.59	1/2	274.72 ^{1/2}		536.23	1/2	799.01	1/2	1,061.67	1/2	1,324.51	1/2	1,587.36	1/2	1,850.21	1/2	2,113.05	1/2	2,375.90
3/4	21.75	3/4	280.18 ^{3/4}		541.71	3/4	804.48	3/4	1,067.14	3/4	1,329.99	3/4	1,592.83	3/4	1,855.68	3/4	2,118.53	3/4	2,381.38
1	25.92	1	285.64	1	547.18	1	809.95	1	1,072.62	1	1,335.46	1	1,598.31	1	1,861.16	1	2,124.01	1	2,386.86
1/4	31.02	1/4	291.10 ^{1/4}		552.66	1/4	815.42	1/4	1,078.10	1/4	1,340.94	1/4	1,603.79	1/4	1,866.63	1/4	2,129.48	1/4	2,392.33
1/2	36.12	1/2	296.56 ^{1/2}		558.14	1/2	820.89	1/2	1,083.57	1/2	1,346.42	1/2	1,609.26	1/2	1,872.11	1/2	2,134.96	1/2	2,397.81
3/4	41.21	3/4	302.02 ^{3/4}		563.61	3/4	826.36	3/4	1,089.05	3/4	1,351.89	3/4	1,614.74	3/4	1,877.58	3/4	2,140.43	3/4	2,403.28
2	46.31	2	307.48	2	569.09	2	831.83	2	1,094.52	2	1,357.37	2	1,620.22	2	1,883.06	2	2,145.91	2	2,408.76
1/4	51.64	1/4	312.94 ^{1/4}		574.57	1/4	837.30	1/4	1,100.00	1/4	1,362.85	1/4	1,625.69	1/4	1,888.54	1/4	2,151.39	1/4	2,414.23
1/2	56.96	1/2	318.41 ^{1/2}		580.04	1/2	842.78	1/2	1,105.47	1/2	1,368.32	1/2	1,631.17	1/2	1,894.01	1/2	2,156.86	1/2	2,419.71
3/4	62.29	3/4	323.87 ^{3/4}		585.52	3/4	848.25	3/4	1,110.95	3/4	1,373.80	3/4	1,636.64	3/4	1,899.49	3/4	2,162.34	3/4	2,425.18
3	67.61	3	329.33	3	590.99	3	853.72	3	1,116.42	3	1,379.27	3	1,642.12	3	1,904.97	3	2,167.82	3	2,430.66
1/4	73.00	1/4	334.79 ^{1/4}		596.47	1/4	859.19	1/4	1,121.90	1/4	1,384.75	1/4	1,647.59	1/4	1,910.44	1/4	2,173.29	1/4	2,436.14
1/2	78.39	1/2	340.25 ^{1/2}		601.95	1/2	864.66	1/2	1,127.38	1/2	1,390.23	1/2	1,653.07	1/2	1,915.92	1/2	2,178.77	1/2	2,441.61
3/4	83.77	3/4	345.71 ^{3/4}		607.42	3/4	870.13	3/4	1,132.85	3/4	1,395.70	3/4	1,658.54	3/4	1,921.39	3/4	2,184.24	3/4	2,447.09
4	89.16	4	351.17	4	612.90	4	875.60	4	1,138.33	4	1,401.18	4	1,664.02	4	1,926.87	4	2,189.72	4	2,452.57
1/4	94.61	1/4	356.60 ^{1/4}		618.38	1/4	881.07	1/4	1,143.81	1/4	1,406.66	1/4	1,669.50	1/4	1,932.35	1/4	2,195.19	1/4	2,458.04
1/2	100.07	1/2	362.04 ^{1/2}		623.85	1/2	886.55	1/2	1,149.28	1/2	1,412.13	1/2	1,674.97	1/2	1,937.82	1/2	2,200.67	1/2	2,463.52
3/4	105.52	3/4	367.47 ^{3/4}		629.33	3/4	892.02	3/4	1,154.76	3/4	1,417.60	3/4	1,680.45	3/4	1,943.30	3/4	2,206.14	3/4	2,468.99
5	110.97	5	372.90	5	634.80	5	897.49	5	1,160.23	5	1,423.08	5	1,685.93	5	1,948.78	5	2,211.62	5	2,474.47
1/4	116.42	1/4	378.32 ^{1/4}		640.28	1/4	902.96	1/4	1,165.71	1/4	1,428.55	1/4	1,691.40	1/4	1,954.25	1/4	2,217.10	1/4	2,479.95
1/2	121.88	1/2	383.75 ^{1/2}		645.76	1/2	908.43	1/2	1,171.19	1/2	1,434.03	1/2	1,696.88	1/2	1,959.73	1/2	2,222.57	1/2	2,485.42
3/4	127.33	3/4	389.17 ^{3/4}		651.23	3/4	913.90	3/4	1,176.66	3/4	1,439.50	3/4	1,702.35	3/4	1,965.20	3/4	2,228.05	3/4	2,490.90
6	132.78	6	394.59	6	656.71	6	919.37	6	1,182.14	6	1,444.98	6	1,707.83	6	1,970.68	6	2,233.53	6	2,496.38
1/4	138.23	1/4	400.01 ^{1/4}		662.19	1/4	924.84	1/4	1,187.62	1/4	1,450.46	1/4	1,713.31	1/4	1,976.15	1/4	2,239.00	1/4	2,501.85
1/2	143.68	1/2	405.44 ^{1/2}		667.66	1/2	930.32	1/2	1,193.09	1/2	1,455.93	1/2	1,718.78	1/2	1,981.63	1/2	2,244.48	1/2	2,507.33
3/4	149.13	3/4	410.86 ^{3/4}		673.14	3/4	935.79	3/4	1,198.57	3/4	1,461.41	3/4	1,724.26	3/4	1,987.10	3/4	2,249.95	3/4	2,512.80
7	154.58	7	416.28	7	678.61	7	941.26	7	1,204.04	7	1,466.89	7	1,729.74	7	1,992.58	7	2,255.43	7	2,518.28
1/4	160.04	1/4	421.71 ^{1/4}		684.09	1/4	946.73	1/4	1,209.52	1/4	1,472.36	1/4	1,735.21	1/4	1,998.06	1/4	2,260.91	1/4	2,523.75
1/2	165.50	1/2	427.13 ^{1/2}		689.56	1/2	952.20	1/2	1,214.99	1/2	1,477.84	1/2	1,740.69	1/2	2,003.53	1/2	2,266.38	1/2	2,529.23
3/4	170.95	3/4	432.56 ^{3/4}		695.04	3/4	957.67	3/4	1,220.47	3/4	1,483.31	3/4	1,746.16	3/4	2,009.01	3/4	2,271.86	3/4	2,534.70
8	176.41	8	437.98	8	700.51	8	963.14	8	1,225.94	8	1,488.79	8	1,751.64	8	2,014.49	8	2,277.34	8	2,540.18
1/4	181.87	1/4	443.40 ^{1/4}		705.98	1/4	968.61	1/4	1,231.42	1/4	1,494.27	1/4	1,757.11	1/4	2,019.96	1/4	2,282.81	1/4	2,545.66
1/2	187.34	1/2	448.83 ^{1/2}		711.46	1/2	974.09	1/2	1,236.90	1/2	1,499.74	1/2	1,762.59	1/2	2,025.44	1/2	2,288.29	1/2	2,551.13
3/4	192.80	3/4	454.25 ^{3/4}		716.93	3/4	979.56	3/4	1,242.37	3/4	1,505.22	3/4	1,768.06	3/4	2,030.91	3/4	2,293.76	3/4	2,556.61
9	198.26	9	459.67	9	722.40	9	985.03	9	1,247.85	9	1,510.70	9	1,773.54	9	2,036.39	9	2,299.24	9	2,562.09
1/4	203.72	1/4	465.12 ^{1/4}		727.87	1/4	990.50	1/4	1,253.33	1/4	1,516.17	1/4	1,779.02	1/4	2,041.87	1/4	2,304.71	1/4	2,567.56
1/2	209.19	1/2	470.57 ^{1/2}		733.35	1/2	995.97	1/2	1,258.80	1/2	1,521.65	1/2	1,784.49	1/2	2,047.34	1/2	2,310.19	1/2	2,573.04
3/4	214.65	3/4	476.02 ^{3/4}		738.82	3/4	1,001.44	3/4	1,264.28	3/4	1,527.12	3/4	1,789.97	3/4	2,052.82	3/4	2,315.66	3/4	2,578.51
10	220.11	10	481.47	10	744.29	10	1,006.91	10	1,269.75	10	1,532.60	10	1,795.45	10	2,058.30	10	2,321.14	10	2,583.99
1/4	225.57	1/4	486.95 ^{1/4}		749.76	1/4	1,012.39	1/4	1,275.23	1/4	1,538.07	1/4	1,800.92	1/4	2,063.77	1/4	2,326.62	1/4	2,589.47
1/2	231.04	1/2	492.42 ^{1/2}		755.24	1/2	1,017.86	1/2	1,280.71	1/2	1,543.55	1/2	1,806.40	1/2	2,069.25	1/2	2,332.09	1/2	2,594.94
3/4	236.50	3/4	497.90 ^{3/4}		760.71	3/4	1,023.34	3/4	1,286.18	3/4	1,549.02	3/4	1,811.87	3/4	2,074.72	3/4	2,337.57	3/4	2,600.42
11	241.96	11	503.37	11	766.18	11	1,028.81	11	1,291.66	11	1,554.50	11	1,817.35	11	2,080.20	11	2,343.05	11	2,605.90
1/4	247.42	1/4	508.85 ^{1/4}		771.65	1/4	1,034.29	1/4	1,297.14	1/4	1,559.98	1/4	1,822.83	1/4	2,085.67	1/4	2,348.52	1/4	2,611.37
1/2	252.88	1/2	514.33 ^{1/2}		777.12	1/2	1,039.76	1/2	1,302.61	1/2	1,565.45	1/2	1,828.30	1/2	2,091.15	1/2	2,354.00	1/2	2,616.85
3/4	258.34	3/4	519.80 ^{3/4}		782.59	3/4	1,045.24	3/4	1,308.09	3/4	1,570.93	3/4	1,833.78	3/4	2,096.62	3/4	2,359.47	3/4	2,622.32

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 5/16" ABOVE TANK BOTTOM.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 11'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 228"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 5/8"

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	2,627.80	0	2,890.65	0	3,153.50	0	3,416.34	0	3,679.23	0		0		0		0		0	
1/4	2,633.27	1/4	2,896.12	1/4	3,158.97	1/4	3,421.82	1/4	3,684.71	1/4		1/4		1/4		1/4		1/4	
1/2	2,638.75	1/2	2,901.60	1/2	3,164.45	1/2	3,427.29	1/2	3,690.18	1/2		1/2		1/2		1/2		1/2	
3/4	2,644.22	3/4	2,907.07	3/4	3,169.92	3/4	3,432.77	3/4	3,695.66	3/4		3/4		3/4		3/4		3/4	
1	2,649.70	1	2,912.55	1	3,175.40	1	3,438.25	1	3,701.14	1		1		1		1		1	
1/4	2,655.18	1/4	2,918.03	1/4	3,180.87	1/4	3,443.73	1/4	3,706.26	1/4		1/4		1/4		1/4		1/4	
1/2	2,660.65	1/2	2,923.50	1/2	3,186.35	1/2	3,449.20	1/2	3,711.39	1/2		1/2		1/2		1/2		1/2	
3/4	2,666.13	3/4	2,928.98	3/4	3,191.82	3/4	3,454.68	3/4	3,716.51	3/4		3/4		3/4		3/4		3/4	
2	2,671.61	2	2,934.46	2	3,197.30	2	3,460.16	2	3,721.64	2		2		2		2		2	
1/4	2,677.08	1/4	2,939.93	1/4	3,202.78	1/4	3,465.64	1/4	3,726.82	1/4		1/4		1/4		1/4		1/4	
1/2	2,682.56	1/2	2,945.41	1/2	3,208.25	1/2	3,471.11	1/2	3,730.01	1/2		1/2		1/2		1/2		1/2	
3/4	2,688.03	3/4	2,950.88	3/4	3,213.73	3/4	3,476.59	3/4	3,734.19	3/4		3/4		3/4		3/4		3/4	
3	2,693.51	3	2,956.36	3	3,219.21	3	3,482.07	3	3,738.38	3		3		3		3		3	
1/4	2,698.99	1/4	2,961.83	1/4	3,224.68	1/4	3,487.54	1/4	3,741.63	1/4		1/4		1/4		1/4		1/4	
1/2	2,704.46	1/2	2,967.31	1/2	3,230.16	1/2	3,493.02	1/2	3,744.87	1/2		1/2		1/2		1/2		1/2	
3/4	2,709.94	3/4	2,972.78	3/4	3,235.63	3/4	3,498.49	3/4	3,748.12	3/4		3/4		3/4		3/4		3/4	
4	2,715.42	4	2,978.26	4	3,241.11	4	3,503.97	4	3,751.37	4		4		4		4		4	
1/4	2,720.89	1/4	2,983.74	1/4	3,246.59	1/4	3,509.45	1/4	3,753.68	1/4		1/4		1/4		1/4		1/4	
1/2	2,726.37	1/2	2,989.21	1/2	3,252.07	1/2	3,514.92	1/2	3,755.98	1/2		1/2		1/2		1/2		1/2	
3/4	2,731.84	3/4	2,994.69	3/4	3,257.55	3/4	3,520.40	3/4	3,758.29	3/4		3/4		3/4		3/4		3/4	
5	2,737.32	5	3,000.17	5	3,263.03	5	3,525.88	5	3,760.60	5		5		5		5		5	
1/4	2,742.79	1/4	3,005.64	1/4	3,268.50	1/4	3,531.36	1/4	3,761.97	1/4		1/4		1/4		1/4		1/4	
1/2	2,748.27	1/2	3,011.12	1/2	3,273.97	1/2	3,536.83	1/2	3,763.33	1/2		1/2		1/2		1/2		1/2	
3/4	2,753.74	3/4	3,016.59	3/4	3,279.45	3/4	3,542.31	3/4	3,764.70	3/4		3/4		3/4		3/4		3/4	
6	2,759.22	6	3,022.07	6	3,284.92	6	3,547.79	6	3,766.07	6		6		6		6		6	
1/4	2,764.70	1/4	3,027.55	1/4	3,290.39	1/4	3,553.27	1/4	3,766.50	1/4		1/4		1/4		1/4		1/4	
1/2	2,770.17	1/2	3,033.02	1/2	3,295.87	1/2	3,558.74	1/2	3,766.93	1/2		1/2		1/2		1/2		1/2	
3/4	2,775.65	3/4	3,038.50	3/4	3,301.34	3/4	3,564.22	3/4	3,767.36	3/4		3/4		3/4		3/4		3/4	
7	2,781.13	7	3,043.98	7	3,306.82	7	3,569.70	7	3,767.79	7		7		7		7		7	
1/4	2,786.60	1/4	3,049.45	1/4	3,312.30	1/4	3,575.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,792.08	1/2	3,054.93	1/2	3,317.77	1/2	3,580.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,797.55	3/4	3,060.40	3/4	3,323.25	3/4	3,586.12	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,803.03	8	3,065.88	8	3,328.73	8	3,591.60	8		8		8		8		8		8	
1/4	2,808.51	1/4	3,071.35	1/4	3,334.20	1/4	3,597.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,813.98	1/2	3,076.83	1/2	3,339.68	1/2	3,602.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,819.46	3/4	3,082.30	3/4	3,345.15	3/4	3,608.03	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,824.94	9	3,087.78	9	3,350.63	9	3,613.51	9		9		9		9		9		9	
1/4	2,830.41	1/4	3,093.26	1/4	3,356.11	1/4	3,618.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,835.89	1/2	3,098.73	1/2	3,361.58	1/2	3,624.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,841.36	3/4	3,104.21	3/4	3,367.06	3/4	3,629.94	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,846.84	10	3,109.69	10	3,372.54	10	3,635.42	10		10		10		10		10		10	
1/4	2,852.31	1/4	3,115.16	1/4	3,378.01	1/4	3,640.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,857.79	1/2	3,120.64	1/2	3,383.49	1/2	3,646.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,863.26	3/4	3,126.11	3/4	3,388.96	3/4	3,651.85	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,868.74	11	3,131.59	11	3,394.44	11	3,657.33	11		11		11		11		11		11	
1/4	2,874.22	1/4	3,137.07	1/4	3,399.91	1/4	3,662.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,879.69	1/2	3,142.54	1/2	3,405.39	1/2	3,668.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,885.17	3/4	3,148.02	3/4	3,410.86	3/4	3,673.75	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/14/2001 ITS
DECK MEASUREMENTS: 06/13/2011 CL.
REPRINTED: 06/15/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2011

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77668
<http://www.pmacorp.net>



BARGE "WEB 228"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/8"

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	9.30	0	262.51	0	525.22	0	789.13	0	1,052.35	0	1,316.44	0	1,580.53	0	1,844.61	0	2,108.70	0	2,372.79
1/4	12.85	1/4	268.00 ^{1/4}		530.72	1/4	794.61	1/4	1,057.85	1/4	1,321.94	1/4	1,586.03	1/4	1,850.11	1/4	2,114.20	1/4	2,378.29
1/2	16.41	1/2	273.48 ^{1/2}		536.23	1/2	800.09	1/2	1,063.36	1/2	1,327.45	1/2	1,591.53	1/2	1,855.62	1/2	2,119.71	1/2	2,383.79
3/4	19.96	3/4	278.97 ^{3/4}		541.73	3/4	805.57	3/4	1,068.86	3/4	1,332.95	3/4	1,597.03	3/4	1,861.12	3/4	2,125.21	3/4	2,389.29
1	23.51	1	284.45	1	547.23	1	811.06	1	1,074.36	1	1,338.45	1	1,602.53	1	1,866.62	1	2,130.71	1	2,394.79
1/4	28.63	1/4	289.94 ^{1/4}		552.73	1/4	816.53	1/4	1,079.86	1/4	1,343.95	1/4	1,608.03	1/4	1,872.12	1/4	2,136.21	1/4	2,400.29
1/2	33.76	1/2	295.43 ^{1/2}		558.23	1/2	822.02	1/2	1,085.37	1/2	1,349.45	1/2	1,613.54	1/2	1,877.63	1/2	2,141.71	1/2	2,405.80
3/4	38.88	3/4	300.91 ^{3/4}		563.73	3/4	827.50	3/4	1,090.87	3/4	1,354.95	3/4	1,619.04	3/4	1,883.13	3/4	2,147.21	3/4	2,411.30
2	44.00	2	306.40	2	569.23	2	832.98	2	1,096.37	2	1,360.45	2	1,624.54	2	1,888.63	2	2,152.71	2	2,416.80
1/4	49.35	1/4	311.89 ^{1/4}		574.73	1/4	838.46	1/4	1,101.87	1/4	1,365.95	1/4	1,630.04	1/4	1,894.13	1/4	2,158.21	1/4	2,422.30
1/2	54.70	1/2	317.37 ^{1/2}		580.24	1/2	843.94	1/2	1,107.38	1/2	1,371.46	1/2	1,635.55	1/2	1,899.63	1/2	2,163.72	1/2	2,427.81
3/4	60.04	3/4	322.86 ^{3/4}		585.74	3/4	849.42	3/4	1,112.88	3/4	1,376.96	3/4	1,641.06	3/4	1,905.13	3/4	2,169.22	3/4	2,433.31
3	65.39	3	328.34	3	591.24	3	854.90	3	1,118.38	3	1,382.46	3	1,646.55	3	1,910.63	3	2,174.72	3	2,438.81
1/4	70.81	1/4	333.83 ^{1/4}		596.74	1/4	860.38	1/4	1,123.88	1/4	1,387.96	1/4	1,652.05	1/4	1,916.13	1/4	2,180.22	1/4	2,444.31
1/2	76.22	1/2	339.32 ^{1/2}		602.25	1/2	865.87	1/2	1,129.38	1/2	1,393.47	1/2	1,657.56	1/2	1,921.64	1/2	2,185.73	1/2	2,449.81
3/4	81.64	3/4	344.80 ^{3/4}		607.75	3/4	871.35	3/4	1,134.88	3/4	1,398.97	3/4	1,663.06	3/4	1,927.14	3/4	2,191.23	3/4	2,455.31
4	87.05	4	350.29	4	613.25	4	876.83	4	1,140.38	4	1,404.47	4	1,668.56	4	1,932.64	4	2,196.73	4	2,460.81
1/4	92.53	1/4	355.75 ^{1/4}		618.75	1/4	882.31	1/4	1,145.88	1/4	1,409.97	1/4	1,674.06	1/4	1,938.14	1/4	2,202.23	1/4	2,466.31
1/2	98.00	1/2	361.21 ^{1/2}		624.26	1/2	887.79	1/2	1,151.39	1/2	1,415.48	1/2	1,679.56	1/2	1,943.65	1/2	2,207.74	1/2	2,471.82
3/4	103.48	3/4	366.66 ^{3/4}		629.76	3/4	893.27	3/4	1,156.89	3/4	1,420.98	3/4	1,685.06	3/4	1,949.15	3/4	2,213.24	3/4	2,477.32
5	108.95	5	372.12	5	635.26	5	898.75	5	1,162.39	5	1,426.48	5	1,690.56	5	1,954.65	5	2,218.74	5	2,482.82
1/4	114.43	1/4	377.57 ^{1/4}		640.76	1/4	904.23	1/4	1,167.89	1/4	1,431.98	1/4	1,696.06	1/4	1,960.15	1/4	2,224.24	1/4	2,488.32
1/2	119.91	1/2	383.02 ^{1/2}		646.27	1/2	909.72	1/2	1,173.40	1/2	1,437.48	1/2	1,701.57	1/2	1,965.66	1/2	2,229.74	1/2	2,493.83
3/4	125.38	3/4	388.47 ^{3/4}		651.77	3/4	915.20	3/4	1,178.90	3/4	1,442.98	3/4	1,707.07	3/4	1,971.16	3/4	2,235.24	3/4	2,499.33
6	130.86	6	393.92	6	657.27	6	920.68	6	1,184.40	6	1,448.48	6	1,712.57	6	1,976.66	6	2,240.74	6	2,504.83
1/4	136.34	1/4	399.37 ^{1/4}		662.77	1/4	926.16	1/4	1,189.90	1/4	1,453.98	1/4	1,718.07	1/4	1,982.16	1/4	2,246.24	1/4	2,510.33
1/2	141.82	1/2	404.82 ^{1/2}		668.27	1/2	931.64	1/2	1,195.40	1/2	1,459.49	1/2	1,723.58	1/2	1,987.66	1/2	2,251.75	1/2	2,515.84
3/4	147.29	3/4	410.26 ^{3/4}		673.77	3/4	937.12	3/4	1,200.90	3/4	1,464.99	3/4	1,729.08	3/4	1,993.16	3/4	2,257.25	3/4	2,521.34
7	152.77	7	415.71	7	679.27	7	942.60	7	1,206.40	7	1,470.49	7	1,734.58	7	1,998.66	7	2,262.75	7	2,526.84
1/4	158.25	1/4	421.16 ^{1/4}		684.77	1/4	948.08	1/4	1,211.90	1/4	1,475.99	1/4	1,740.08	1/4	2,004.16	1/4	2,268.25	1/4	2,532.34
1/2	163.74	1/2	426.61 ^{1/2}		690.27	1/2	953.57	1/2	1,217.41	1/2	1,481.50	1/2	1,745.58	1/2	2,009.67	1/2	2,273.76	1/2	2,537.84
3/4	169.22	3/4	432.06 ^{3/4}		695.77	3/4	959.05	3/4	1,222.91	3/4	1,487.00	3/4	1,751.08	3/4	2,015.17	3/4	2,279.26	3/4	2,543.34
8	174.70	8	437.51	8	701.27	8	964.53	8	1,228.41	8	1,492.50	8	1,756.58	8	2,020.67	8	2,284.76	8	2,548.84
1/4	180.19	1/4	442.96 ^{1/4}		706.77	1/4	970.01	1/4	1,233.91	1/4	1,498.00	1/4	1,762.08	1/4	2,026.17	1/4	2,290.26	1/4	2,554.34
1/2	185.68	1/2	448.41 ^{1/2}		712.27	1/2	975.49	1/2	1,239.42	1/2	1,503.50	1/2	1,767.59	1/2	2,031.68	1/2	2,295.76	1/2	2,559.85
3/4	191.17	3/4	453.85 ^{3/4}		717.77	3/4	980.97	3/4	1,244.92	3/4	1,509.00	3/4	1,773.09	3/4	2,037.18	3/4	2,301.26	3/4	2,565.35
9	196.66	9	459.30	9	723.27	9	986.45	9	1,250.42	9	1,514.50	9	1,778.59	9	2,042.68	9	2,306.76	9	2,570.85
1/4	202.15	1/4	464.78 ^{1/4}		728.77	1/4	991.93	1/4	1,255.92	1/4	1,520.00	1/4	1,784.09	1/4	2,048.18	1/4	2,312.26	1/4	2,576.36
1/2	207.64	1/2	470.25 ^{1/2}		734.27	1/2	997.42	1/2	1,261.43	1/2	1,525.51	1/2	1,789.59	1/2	2,053.68	1/2	2,317.77	1/2	2,581.86
3/4	213.12	3/4	476.73 ^{3/4}		739.76	3/4	1,002.90	3/4	1,266.93	3/4	1,531.01	3/4	1,795.10	3/4	2,059.18	3/4	2,323.27	3/4	2,587.36
10	218.61	10	481.20	10	745.26	10	1,008.38	10	1,272.43	10	1,536.51	10	1,800.60	10	2,064.68	10	2,328.77	10	2,592.86
1/4	224.10	1/4	486.70 ^{1/4}		750.76	1/4	1,013.87	1/4	1,277.93	1/4	1,542.01	1/4	1,806.10	1/4	2,070.18	1/4	2,334.27	1/4	2,598.36
1/2	229.59	1/2	492.21 ^{1/2}		756.23	1/2	1,019.37	1/2	1,283.43	1/2	1,547.52	1/2	1,811.61	1/2	2,075.69	1/2	2,339.78	1/2	2,603.86
3/4	235.07	3/4	497.71 ^{3/4}		761.72	3/4	1,024.86	3/4	1,288.93	3/4	1,553.02	3/4	1,817.11	3/4	2,081.19	3/4	2,345.28	3/4	2,609.36
11	240.56	11	503.21	11	767.20	11	1,030.35	11	1,294.43	11	1,558.52	11	1,822.61	11	2,086.69	11	2,350.78	11	2,614.86
1/4	246.05	1/4	508.71 ^{1/4}		772.68	1/4	1,035.85	1/4	1,299.93	1/4	1,564.02	1/4	1,828.11	1/4	2,092.19	1/4	2,356.28	1/4	2,620.36
1/2	251.54	1/2	514.22 ^{1/2}		778.17	1/2	1,041.35	1/2	1,305.44	1/2	1,569.53	1/2	1,833.61	1/2	2,097.70	1/2	2,361.79	1/2	2,625.87
3/4	257.02	3/4	519.72 ^{3/4}		783.65	3/4	1,046.85	3/4	1,310.94	3/4	1,575.03	3/4	1,839.11	3/4	2,103.20	3/4	2,367.29	3/4	2,631.37

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 5/16" ABOVE TANK BOTTOM.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
GAUGE POINT: (10" GAUGE HATCH) LOCATED 11'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFTBULKHEAD.

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



BARGE "WEB 228"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	III	IN	III	IN	III	IN	III	IN	III	IN	III	IN	III	IN	III	IN	III	IN	III
0	2,636.87	0	2,900.96	0	3,165.04	0	3,429.12	0	3,693.26	0		0		0		0		0	
1/4	2,642.37	1/4	2,906.46	1/4	3,170.54	1/4	3,434.62	1/4	3,698.76	1/4		1/4		1/4		1/4		1/4	
1/2	2,647.88	1/2	2,911.97	1/2	3,176.05	1/2	3,440.13	1/2	3,704.27	1/2		1/2		1/2		1/2		1/2	
3/4	2,653.38	3/4	2,917.47	3/4	3,181.55	3/4	3,445.63	3/4	3,709.77	3/4		3/4		3/4		3/4		3/4	
1	2,658.88	1	2,922.97	1	3,187.05	1	3,451.13	1	3,715.27	1		1		1		1		1	
1/4	2,664.38	1/4	2,928.47	1/4	3,192.55	1/4	3,456.63	1/4	3,720.59	1/4		1/4		1/4		1/4		1/4	
1/2	2,669.89	1/2	2,933.97	1/2	3,198.06	1/2	3,462.14	1/2	3,725.90	1/2		1/2		1/2		1/2		1/2	
3/4	2,675.39	3/4	2,939.47	3/4	3,203.56	3/4	3,467.64	3/4	3,731.22	3/4		3/4		3/4		3/4		3/4	
2	2,680.89	2	2,944.97	2	3,209.06	2	3,473.14	2	3,736.53	2		2		2		2		2	
1/4	2,686.39	1/4	2,950.47	1/4	3,214.56	1/4	3,478.65	1/4	3,740.91	1/4		1/4		1/4		1/4		1/4	
1/2	2,691.89	1/2	2,955.98	1/2	3,220.07	1/2	3,484.15	1/2	3,745.28	1/2		1/2		1/2		1/2		1/2	
3/4	2,697.39	3/4	2,961.48	3/4	3,225.57	3/4	3,489.66	3/4	3,749.66	3/4		3/4		3/4		3/4		3/4	
3	2,702.89	3	2,966.98	3	3,231.07	3	3,495.16	3	3,754.03	3		3		3		3		3	
1/4	2,708.39	1/4	2,972.48	1/4	3,236.57	1/4	3,500.66	1/4	3,757.41	1/4		1/4		1/4		1/4		1/4	
1/2	2,713.90	1/2	2,977.99	1/2	3,242.07	1/2	3,506.17	1/2	3,760.78	1/2		1/2		1/2		1/2		1/2	
3/4	2,719.40	3/4	2,983.49	3/4	3,247.57	3/4	3,511.67	3/4	3,764.16	3/4		3/4		3/4		3/4		3/4	
4	2,724.90	4	2,988.99	4	3,253.07	4	3,517.17	4	3,767.53	4		4		4		4		4	
1/4	2,730.40	1/4	2,994.49	1/4	3,258.57	1/4	3,522.67	1/4	3,769.91	1/4		1/4		1/4		1/4		1/4	
1/2	2,735.91	1/2	2,999.99	1/2	3,264.08	1/2	3,528.18	1/2	3,772.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,741.41	3/4	3,005.49	3/4	3,269.58	3/4	3,533.68	3/4	3,774.66	3/4		3/4		3/4		3/4		3/4	
5	2,746.91	5	3,010.99	5	3,275.08	5	3,539.18	5	3,777.04	5		5		5		5		5	
1/4	2,752.41	1/4	3,016.49	1/4	3,280.58	1/4	3,544.68	1/4	3,778.42	1/4		1/4		1/4		1/4		1/4	
1/2	2,757.92	1/2	3,022.00	1/2	3,286.09	1/2	3,550.19	1/2	3,779.79	1/2		1/2		1/2		1/2		1/2	
3/4	2,763.42	3/4	3,027.50	3/4	3,291.59	3/4	3,555.69	3/4	3,781.17	3/4		3/4		3/4		3/4		3/4	
6	2,768.92	6	3,033.00	6	3,297.09	6	3,561.19	6	3,782.54	6		6		6		6		6	
1/4	2,774.42	1/4	3,038.50	1/4	3,302.59	1/4	3,566.69	1/4	3,783.04	1/4		1/4		1/4		1/4		1/4	
1/2	2,779.92	1/2	3,044.01	1/2	3,308.09	1/2	3,572.20	1/2	3,783.54	1/2		1/2		1/2		1/2		1/2	
3/4	2,785.42	3/4	3,049.51	3/4	3,313.59	3/4	3,577.70	3/4	3,784.04	3/4		3/4		3/4		3/4		3/4	
7	2,790.92	7	3,055.01	7	3,319.09	7	3,583.20	7		7		7		7		7		7	
1/4	2,796.42	1/4	3,060.51	1/4	3,324.59	1/4	3,588.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,801.93	1/2	3,066.02	1/2	3,330.10	1/2	3,594.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,807.43	3/4	3,071.52	3/4	3,335.60	3/4	3,599.71	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,812.93	8	3,077.02	8	3,341.10	8	3,605.21	8		8		8		8		8		8	
1/4	2,818.43	1/4	3,082.52	1/4	3,346.60	1/4	3,610.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,823.94	1/2	3,088.02	1/2	3,352.10	1/2	3,616.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,829.44	3/4	3,093.52	3/4	3,357.60	3/4	3,621.72	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,834.94	9	3,099.02	9	3,363.10	9	3,627.22	9		9		9		9		9		9	
1/4	2,840.44	1/4	3,104.52	1/4	3,368.60	1/4	3,632.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,845.94	1/2	3,110.03	1/2	3,374.11	1/2	3,638.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,851.44	3/4	3,115.53	3/4	3,379.61	3/4	3,643.74	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,856.94	10	3,121.03	10	3,385.11	10	3,649.24	10		10		10		10		10		10	
1/4	2,862.44	1/4	3,126.53	1/4	3,390.61	1/4	3,654.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,867.95	1/2	3,132.04	1/2	3,396.12	1/2	3,660.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,873.45	3/4	3,137.54	3/4	3,401.62	3/4	3,665.75	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,878.95	11	3,143.04	11	3,407.12	11	3,671.25	11		11		11		11		11		11	
1/4	2,884.45	1/4	3,148.54	1/4	3,412.62	1/4	3,676.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,889.95	1/2	3,154.04	1/2	3,418.12	1/2	3,682.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,895.46	3/4	3,159.54	3/4	3,423.62	3/4	3,687.76	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/14/2001 ITS
DECK MEASUREMENTS: 06/13/2011 CL
REPRINTED: 06/15/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2011

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



BARGE "WEB 228"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/4"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	9.26	261.49	523.18	786.07	1,048.28	1,311.34	1,574.40	1,837.47	2,100.53	2,363.60
1/4	12.80	266.96 ^{1/4}	528.68	791.53	1,053.76	1,316.82	1,579.88	1,842.95	2,106.01	2,369.08
1/2	16.34	272.42 ^{1/2}	534.14	796.99	1,059.24	1,322.30	1,585.37	1,848.43	2,111.49	2,374.56
3/4	19.88	277.89 ^{3/4}	539.62	802.45	1,064.72	1,327.78	1,590.85	1,853.91	2,116.97	2,380.04
1	23.42	283.35	545.10	807.91	1,070.20	1,333.26	1,596.33	1,859.39	2,122.45	2,385.52
1/4	28.52	288.82 ^{1/4}	550.58	813.37	1,075.68	1,338.74	1,601.81	1,864.87	2,127.93	2,391.00
1/2	33.63	294.28 ^{1/2}	556.07	818.83	1,081.16	1,344.22	1,607.29	1,870.35	2,133.42	2,396.48
3/4	38.73	299.76 ^{3/4}	561.55	824.29	1,086.64	1,349.70	1,612.77	1,875.83	2,138.90	2,401.96
2	43.83	305.21	567.03	829.75	1,092.12	1,355.18	1,618.26	1,881.31	2,144.38	2,407.44
1/4	49.16	310.68 ^{1/4}	572.51	835.21	1,097.60	1,360.66	1,623.73	1,886.79	2,149.86	2,412.92
1/2	54.49	316.14 ^{1/2}	577.99	840.67	1,103.08	1,366.15	1,629.21	1,892.27	2,155.34	2,418.40
3/4	59.81	321.61 ^{3/4}	583.47	846.13	1,108.56	1,371.63	1,634.69	1,897.75	2,160.82	2,423.88
3	65.14	327.07	588.95	851.59	1,114.04	1,377.11	1,640.17	1,903.23	2,166.30	2,429.36
1/4	70.63	332.54 ^{1/4}	594.43	857.05	1,119.52	1,382.59	1,645.65	1,908.71	2,171.78	2,434.84
1/2	75.93	338.00 ^{1/2}	599.91	862.51	1,125.00	1,388.07	1,651.13	1,914.20	2,177.26	2,440.32
3/4	81.32	343.47 ^{3/4}	605.39	867.97	1,130.48	1,393.55	1,656.61	1,919.68	2,182.74	2,445.80
4	86.71	348.93	610.87	873.43	1,135.96	1,399.03	1,662.09	1,925.16	2,188.22	2,451.28
1/4	92.17	354.37 ^{1/4}	616.35	878.89	1,141.44	1,404.51	1,667.57	1,930.64	2,193.70	2,456.76
1/2	97.63	359.81 ^{1/2}	621.84	884.35	1,146.93	1,409.99	1,673.05	1,936.12	2,199.18	2,462.25
3/4	103.08	365.24 ^{3/4}	627.32	889.81	1,152.41	1,415.47	1,678.53	1,941.60	2,204.66	2,467.73
5	108.54	370.68	632.80	895.27	1,157.89	1,420.95	1,684.01	1,947.08	2,210.14	2,473.21
1/4	114.00	376.11 ^{1/4}	638.28	900.73	1,163.37	1,426.43	1,689.49	1,952.56	2,215.62	2,478.69
1/2	119.45	381.54 ^{1/2}	643.76	906.19	1,168.86	1,431.91	1,694.98	1,958.04	2,221.10	2,484.17
3/4	124.91	386.96 ^{3/4}	649.24	911.65	1,174.33	1,437.39	1,700.46	1,963.52	2,226.58	2,489.65
6	130.36	392.39	654.72	917.11	1,179.81	1,442.87	1,705.94	1,969.00	2,232.06	2,495.13
1/4	135.82	397.82 ^{1/4}	660.20	922.57	1,185.29	1,448.35	1,711.42	1,974.48	2,237.54	2,500.61
1/2	141.28	403.25 ^{1/2}	665.68	928.03	1,190.77	1,453.83	1,716.90	1,979.96	2,243.03	2,506.09
3/4	146.73	408.67 ^{3/4}	671.16	933.49	1,196.25	1,459.31	1,722.38	1,985.44	2,248.51	2,511.57
7	152.19	414.10	676.64	938.95	1,201.73	1,464.79	1,727.86	1,990.92	2,253.99	2,517.05
1/4	157.65	419.53 ^{1/4}	682.12	944.41	1,207.21	1,470.27	1,733.34	1,996.40	2,259.47	2,522.53
1/2	163.12	424.96 ^{1/2}	687.60	949.87	1,212.69	1,475.76	1,738.82	2,001.88	2,264.96	2,528.01
3/4	168.58	430.38 ^{3/4}	693.08	955.33	1,218.17	1,481.24	1,744.30	2,007.36	2,270.43	2,533.49
8	174.04	435.81	698.56	960.79	1,223.65	1,486.72	1,749.78	2,012.84	2,275.91	2,538.97
1/4	179.51	441.24 ^{1/4}	704.04	966.25	1,229.13	1,492.20	1,755.26	2,018.32	2,281.39	2,544.45
1/2	184.97	446.67 ^{1/2}	709.52	971.71	1,234.61	1,497.68	1,760.74	2,023.81	2,286.87	2,549.93
3/4	190.44	452.09 ^{3/4}	714.99	977.17	1,240.09	1,503.16	1,766.22	2,029.29	2,292.35	2,555.41
9	195.90	457.52	720.47	982.63	1,245.57	1,508.64	1,771.70	2,034.77	2,297.83	2,560.89
1/4	201.37	462.98 ^{1/4}	725.95	988.09	1,251.05	1,514.12	1,777.18	2,040.25	2,303.31	2,566.37
1/2	206.84	468.43 ^{1/2}	731.42	993.55	1,256.54	1,519.60	1,782.66	2,045.73	2,308.79	2,571.86
3/4	212.30	473.89 ^{3/4}	736.90	999.01	1,262.02	1,525.08	1,788.14	2,051.21	2,314.27	2,577.34
10	217.77	479.34	742.37	1,004.47	1,267.50	1,530.56	1,793.62	2,056.69	2,319.75	2,582.82
1/4	223.24	484.82 ^{1/4}	747.84	1,009.94	1,272.98	1,536.04	1,799.10	2,062.17	2,325.23	2,588.30
1/2	228.70	490.30 ^{1/2}	753.30	1,015.41	1,278.46	1,541.52	1,804.59	2,067.65	2,330.71	2,593.78
3/4	234.17	495.78 ^{3/4}	758.77	1,020.88	1,283.94	1,547.00	1,810.07	2,073.13	2,336.19	2,599.26
11	239.63	501.26	764.23	1,026.35	1,289.42	1,552.48	1,815.55	2,078.61	2,341.67	2,604.74
1/4	245.10	506.74 ^{1/4}	769.69	1,031.83	1,294.90	1,557.96	1,821.03	2,084.09	2,347.15	2,610.22
1/2	250.56	512.22 ^{1/2}	775.15	1,037.32	1,300.38	1,563.44	1,826.51	2,089.57	2,352.64	2,615.70
3/4	256.03	517.70 ^{3/4}	780.61	1,042.80	1,305.86	1,568.92	1,831.99	2,095.05	2,358.12	2,621.18

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 5/16" ABOVE TANK BOTTOM.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10' GAUGE HATCH
 GAUGE POINT: (10' GAUGE HATCH) LOCATED 11'-00' OFF CENTERLINE AND 33'-00' FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77668
<http://www.pmacorp.net>



BARGE "WEB 228"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,626.66	0	2,889.72	0	3,152.79	0	3,415.85	0	3,678.95	0		0		0		0		0	
1/4	2,632.14	1/4	2,895.20	1/4	3,158.27	1/4	3,421.33	1/4	3,684.43	1/4		1/4		1/4		1/4		1/4	
1/2	2,637.62	1/2	2,900.69	1/2	3,163.75	1/2	3,426.82	1/2	3,689.92	1/2		1/2		1/2		1/2		1/2	
3/4	2,643.10	3/4	2,906.17	3/4	3,169.23	3/4	3,432.30	3/4	3,695.40	3/4		3/4		3/4		3/4		3/4	
1	2,648.58	1	2,911.65	1	3,174.71	1	3,437.78	1	3,700.88	1		1		1		1		1	
1/4	2,654.06	1/4	2,917.13	1/4	3,180.19	1/4	3,443.26	1/4	3,705.99	1/4		1/4		1/4		1/4		1/4	
1/2	2,659.54	1/2	2,922.61	1/2	3,185.67	1/2	3,448.74	1/2	3,711.09	1/2		1/2		1/2		1/2		1/2	
3/4	2,665.02	3/4	2,928.09	3/4	3,191.15	3/4	3,454.22	3/4	3,716.20	3/4		3/4		3/4		3/4		3/4	
2	2,670.50	2	2,933.57	2	3,196.63	2	3,459.70	2	3,721.30	2		2		2		2		2	
1/4	2,675.98	1/4	2,939.05	1/4	3,202.11	1/4	3,465.18	1/4	3,725.41	1/4		1/4		1/4		1/4		1/4	
1/2	2,681.47	1/2	2,944.53	1/2	3,207.59	1/2	3,470.67	1/2	3,729.52	1/2		1/2		1/2		1/2		1/2	
3/4	2,686.95	3/4	2,950.01	3/4	3,213.07	3/4	3,476.15	3/4	3,733.63	3/4		3/4		3/4		3/4		3/4	
3	2,692.43	3	2,955.49	3	3,218.55	3	3,481.63	3	3,737.74	3		3		3		3		3	
1/4	2,697.91	1/4	2,960.97	1/4	3,224.03	1/4	3,487.11	1/4	3,740.86	1/4		1/4		1/4		1/4		1/4	
1/2	2,703.39	1/2	2,966.45	1/2	3,229.52	1/2	3,492.59	1/2	3,743.97	1/2		1/2		1/2		1/2		1/2	
3/4	2,708.87	3/4	2,971.93	3/4	3,235.00	3/4	3,498.07	3/4	3,747.09	3/4		3/4		3/4		3/4		3/4	
4	2,714.35	4	2,977.41	4	3,240.48	4	3,503.56	4	3,750.20	4		4		4		4		4	
1/4	2,719.83	1/4	2,982.89	1/4	3,245.96	1/4	3,509.03	1/4	3,752.32	1/4		1/4		1/4		1/4		1/4	
1/2	2,725.31	1/2	2,988.37	1/2	3,251.44	1/2	3,514.52	1/2	3,754.43	1/2		1/2		1/2		1/2		1/2	
3/4	2,730.79	3/4	2,993.85	3/4	3,256.92	3/4	3,520.00	3/4	3,756.55	3/4		3/4		3/4		3/4		3/4	
5	2,736.27	5	2,999.33	5	3,262.40	5	3,525.48	5	3,758.66	5		5		5		5		5	
1/4	2,741.75	1/4	3,004.81	1/4	3,267.88	1/4	3,530.96	1/4	3,759.78	1/4		1/4		1/4		1/4		1/4	
1/2	2,747.23	1/2	3,010.30	1/2	3,273.36	1/2	3,536.44	1/2	3,760.91	1/2		1/2		1/2		1/2		1/2	
3/4	2,752.71	3/4	3,015.78	3/4	3,278.84	3/4	3,541.92	3/4	3,762.03	3/4		3/4		3/4		3/4		3/4	
6	2,758.19	6	3,021.26	6	3,284.32	6	3,547.40	6	3,763.15	6		6		6		6		6	
1/4	2,763.67	1/4	3,026.74	1/4	3,289.80	1/4	3,552.88	1/4	3,763.53	1/4		1/4		1/4		1/4		1/4	
1/2	2,769.15	1/2	3,032.22	1/2	3,295.28	1/2	3,558.37	1/2	3,763.90	1/2		1/2		1/2		1/2		1/2	
3/4	2,774.63	3/4	3,037.70	3/4	3,300.76	3/4	3,563.86	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,780.11	7	3,043.18	7	3,306.24	7	3,569.33	7		7		7		7		7		7	
1/4	2,785.59	1/4	3,048.66	1/4	3,311.72	1/4	3,574.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,791.08	1/2	3,054.14	1/2	3,317.20	1/2	3,580.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,796.56	3/4	3,059.62	3/4	3,322.68	3/4	3,585.77	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,802.04	8	3,065.10	8	3,328.16	8	3,591.25	8		8		8		8		8		8	
1/4	2,807.52	1/4	3,070.58	1/4	3,333.64	1/4	3,596.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,813.00	1/2	3,076.06	1/2	3,339.13	1/2	3,602.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,818.48	3/4	3,081.54	3/4	3,344.61	3/4	3,607.70	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,823.96	9	3,087.02	9	3,350.09	9	3,613.18	9		9		9		9		9		9	
1/4	2,829.44	1/4	3,092.50	1/4	3,355.57	1/4	3,618.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,834.92	1/2	3,097.98	1/2	3,361.05	1/2	3,624.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,840.40	3/4	3,103.46	3/4	3,366.53	3/4	3,629.62	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,845.88	10	3,108.94	10	3,372.01	10	3,635.10	10		10		10		10		10		10	
1/4	2,851.36	1/4	3,114.42	1/4	3,377.49	1/4	3,640.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,856.84	1/2	3,119.91	1/2	3,382.97	1/2	3,646.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,862.32	3/4	3,125.39	3/4	3,388.45	3/4	3,651.55	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,867.80	11	3,130.87	11	3,393.93	11	3,657.03	11		11		11		11		11		11	
1/4	2,873.28	1/4	3,136.35	1/4	3,399.41	1/4	3,662.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,878.76	1/2	3,141.83	1/2	3,404.89	1/2	3,667.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,884.24	3/4	3,147.31	3/4	3,410.37	3/4	3,673.47	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/14/2001 ITS
DECK MEASUREMENTS: 06/13/2011 CL
REPRINTED: 06/15/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2011

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77568
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BARGE "WEB 228"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/4"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	9.28	261.96	524.12	787.57	1,050.71	1,314.26	1,577.80	1,841.34	2,104.89	2,368.43
1/4	12.83	267.44 ^{1/4}	529.61	793.05	1,066.21	1,319.75	1,583.29	1,846.83	2,110.38	2,373.92
1/2	16.37	272.91 ^{1/2}	536.11	804.53	1,077.71	1,325.24	1,588.78	1,852.33	2,115.87	2,379.41
3/4	19.92	278.39 ^{3/4}	540.60	804.01	1,067.21	1,330.73	1,594.27	1,857.82	2,121.36	2,384.90
1	23.46	283.86	546.09	809.49	1,072.71	1,336.22	1,599.76	1,863.31	2,126.85	2,390.39
1/4	28.57	289.34 ^{1/4}	551.58	814.97	1,078.19	1,341.71	1,605.26	1,868.80	2,132.34	2,395.88
1/2	33.68	294.81 ^{1/2}	557.07	820.46	1,083.68	1,347.20	1,610.74	1,874.29	2,137.83	2,401.37
3/4	38.79	300.29 ^{3/4}	562.56	825.94	1,089.16	1,352.69	1,616.23	1,879.78	2,143.32	2,406.87
2	43.90	306.76	568.05	831.42	1,094.64	1,358.18	1,621.72	1,885.27	2,148.81	2,412.36
1/4	49.24	311.24 ^{1/4}	573.54	836.90	1,100.13	1,363.67	1,627.21	1,890.76	2,154.30	2,417.85
1/2	54.58	316.71 ^{1/2}	579.03	842.38	1,105.62	1,369.16	1,632.71	1,896.25	2,159.79	2,423.34
3/4	59.91	322.19 ^{3/4}	584.52	847.86	1,111.11	1,374.65	1,638.20	1,901.74	2,165.28	2,428.83
3	65.26	327.66	590.01	853.34	1,116.60	1,380.14	1,643.69	1,907.23	2,170.77	2,434.32
1/4	70.66	333.14 ^{1/4}	595.50	858.82	1,122.09	1,385.63	1,649.18	1,912.72	2,176.26	2,439.81
1/2	76.06	338.61 ^{1/2}	600.99	864.31	1,127.58	1,391.12	1,654.67	1,918.21	2,181.76	2,445.30
3/4	81.46	344.09 ^{3/4}	606.48	869.79	1,133.07	1,396.61	1,660.16	1,923.70	2,187.25	2,450.79
4	86.86	349.56	611.97	875.27	1,138.56	1,402.10	1,665.65	1,929.19	2,192.74	2,456.28
1/4	92.33	355.01 ^{1/4}	617.46	880.75	1,144.05	1,407.59	1,671.14	1,934.68	2,198.23	2,461.77
1/2	97.79	360.46 ^{1/2}	622.96	886.23	1,149.54	1,413.09	1,676.63	1,940.17	2,203.72	2,467.26
3/4	103.26	365.90 ^{3/4}	628.45	891.71	1,155.03	1,418.58	1,682.12	1,945.66	2,209.21	2,472.75
5	108.72	371.35	633.94	897.19	1,160.52	1,424.07	1,687.61	1,951.15	2,214.70	2,478.24
1/4	114.19	376.79 ^{1/4}	639.43	902.67	1,166.01	1,429.56	1,693.10	1,956.64	2,220.19	2,483.73
1/2	119.66	382.23 ^{1/2}	644.92	908.15	1,171.50	1,435.05	1,698.59	1,962.14	2,225.68	2,489.22
3/4	125.12	387.66 ^{3/4}	650.41	913.63	1,176.99	1,440.54	1,704.08	1,967.63	2,231.17	2,494.71
6	130.59	393.10	655.90	919.11	1,182.48	1,446.03	1,709.57	1,973.12	2,236.66	2,500.20
1/4	136.06	398.54 ^{1/4}	661.39	924.59	1,187.97	1,451.52	1,715.06	1,978.61	2,242.15	2,505.69
1/2	141.52	403.98 ^{1/2}	666.88	930.07	1,193.47	1,457.01	1,720.55	1,984.10	2,247.64	2,511.18
3/4	146.99	409.41 ^{3/4}	672.37	935.56	1,198.96	1,462.50	1,726.04	1,989.59	2,253.13	2,516.67
7	152.45	414.85	677.86	941.04	1,204.45	1,467.99	1,731.53	1,995.08	2,258.62	2,522.17
1/4	157.92	420.29 ^{1/4}	683.35	946.52	1,209.94	1,473.48	1,737.02	2,000.57	2,264.11	2,527.66
1/2	163.40	425.73 ^{1/2}	688.84	952.00	1,215.43	1,478.97	1,742.52	2,006.06	2,269.60	2,533.15
3/4	168.87	431.16 ^{3/4}	694.32	957.48	1,220.92	1,484.46	1,748.01	2,011.55	2,275.09	2,538.64
8	174.34	436.60	699.81	962.96	1,226.41	1,489.95	1,753.50	2,017.04	2,280.58	2,544.13
1/4	179.82	442.04 ^{1/4}	705.30	968.44	1,231.90	1,495.44	1,758.99	2,022.53	2,286.07	2,549.62
1/2	185.30	447.47 ^{1/2}	710.79	973.92	1,237.39	1,500.93	1,764.48	2,028.02	2,291.56	2,555.11
3/4	190.77	452.91 ^{3/4}	716.28	979.40	1,242.88	1,506.42	1,769.97	2,033.51	2,297.06	2,560.60
9	196.26	458.34	721.77	984.88	1,248.37	1,511.91	1,775.46	2,039.00	2,302.55	2,566.09
1/4	201.73	463.81 ^{1/4}	727.26	990.36	1,253.86	1,517.40	1,780.95	2,044.49	2,308.04	2,571.58
1/2	207.20	469.27 ^{1/2}	732.75	995.84	1,259.35	1,522.90	1,786.44	2,049.98	2,313.53	2,577.07
3/4	212.68	474.74 ^{3/4}	738.23	1,001.33	1,264.84	1,528.39	1,791.93	2,055.47	2,319.02	2,582.56
10	218.15	480.20	743.72	1,006.81	1,270.33	1,533.88	1,797.42	2,060.96	2,324.51	2,588.05
1/4	223.63	485.69 ^{1/4}	749.20	1,012.30	1,275.82	1,539.37	1,802.91	2,066.45	2,330.00	2,593.54
1/2	229.11	491.18 ^{1/2}	754.69	1,017.78	1,281.31	1,544.86	1,808.40	2,071.95	2,335.49	2,599.03
3/4	234.58	496.67 ^{3/4}	760.17	1,023.27	1,286.80	1,550.36	1,813.89	2,077.44	2,340.98	2,604.52
11	240.06	502.16	765.66	1,028.75	1,292.29	1,555.84	1,819.38	2,082.93	2,346.47	2,610.01
1/4	245.54	507.65 ^{1/4}	771.13	1,034.24	1,297.78	1,561.33	1,824.87	2,088.42	2,351.96	2,615.50
1/2	251.01	513.14 ^{1/2}	776.61	1,039.73	1,303.28	1,566.82	1,830.36	2,093.91	2,357.45	2,620.99
3/4	256.49	518.63 ^{3/4}	782.09	1,045.22	1,308.77	1,572.31	1,835.85	2,099.40	2,362.94	2,626.49

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 5/16" ABOVE TANK BOTTOM.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
GAUGE POINT: (10" GAUGE HATCH) LOCATED 11'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "WEB 228"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/4"

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	2,631.98	0	2,895.52	0	3,159.06	0	3,422.59	0	3,686.17	0		0		0		0		0	
1/4	2,637.47	1/4	2,901.01	1/4	3,164.55	1/4	3,428.08	1/4	3,691.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,642.96	1/2	2,906.50	1/2	3,170.04	1/2	3,433.57	1/2	3,697.15	1/2		1/2		1/2		1/2		1/2	
3/4	2,648.45	3/4	2,911.99	3/4	3,175.54	3/4	3,439.06	3/4	3,702.66	3/4		3/4		3/4		3/4		3/4	
1	2,653.94	1	2,917.48	1	3,181.03	1	3,444.55	1	3,708.14	1		1		1		1		1	
1/4	2,659.43	1/4	2,922.97	1/4	3,186.52	1/4	3,450.04	1/4	3,713.43	1/4		1/4		1/4		1/4		1/4	
1/2	2,664.92	1/2	2,928.46	1/2	3,192.01	1/2	3,455.53	1/2	3,718.73	1/2		1/2		1/2		1/2		1/2	
3/4	2,670.41	3/4	2,933.95	3/4	3,197.50	3/4	3,461.03	3/4	3,724.02	3/4		3/4		3/4		3/4		3/4	
2	2,675.90	2	2,939.44	2	3,202.99	2	3,466.52	2	3,729.32	2		2		2		2		2	
1/4	2,681.39	1/4	2,944.93	1/4	3,208.48	1/4	3,472.01	1/4	3,733.63	1/4		1/4		1/4		1/4		1/4	
1/2	2,686.88	1/2	2,950.42	1/2	3,213.97	1/2	3,477.50	1/2	3,737.95	1/2		1/2		1/2		1/2		1/2	
3/4	2,692.37	3/4	2,955.92	3/4	3,219.46	3/4	3,482.99	3/4	3,742.26	3/4		3/4		3/4		3/4		3/4	
3	2,697.86	3	2,961.41	3	3,224.95	3	3,488.48	3	3,746.58	3		3		3		3		3	
1/4	2,703.35	1/4	2,966.90	1/4	3,230.44	1/4	3,493.97	1/4	3,749.85	1/4		1/4		1/4		1/4		1/4	
1/2	2,708.84	1/2	2,972.39	1/2	3,235.93	1/2	3,499.46	1/2	3,753.11	1/2		1/2		1/2		1/2		1/2	
3/4	2,714.33	3/4	2,977.88	3/4	3,241.42	3/4	3,504.96	3/4	3,756.38	3/4		3/4		3/4		3/4		3/4	
4	2,719.82	4	2,983.37	4	3,246.91	4	3,510.45	4	3,759.65	4		4		4		4		4	
1/4	2,725.31	1/4	2,988.86	1/4	3,252.40	1/4	3,515.94	1/4	3,761.87	1/4		1/4		1/4		1/4		1/4	
1/2	2,730.80	1/2	2,994.35	1/2	3,257.89	1/2	3,521.43	1/2	3,764.09	1/2		1/2		1/2		1/2		1/2	
3/4	2,736.30	3/4	2,999.84	3/4	3,263.38	3/4	3,526.92	3/4	3,766.31	3/4		3/4		3/4		3/4		3/4	
5	2,741.79	5	3,005.33	5	3,268.87	5	3,532.41	5	3,768.53	5		5		5		5		5	
1/4	2,747.28	1/4	3,010.82	1/4	3,274.36	1/4	3,537.90	1/4	3,769.71	1/4		1/4		1/4		1/4		1/4	
1/2	2,752.77	1/2	3,016.31	1/2	3,279.85	1/2	3,543.39	1/2	3,770.88	1/2		1/2		1/2		1/2		1/2	
3/4	2,758.26	3/4	3,021.80	3/4	3,285.34	3/4	3,548.89	3/4	3,772.06	3/4		3/4		3/4		3/4		3/4	
6	2,763.75	6	3,027.29	6	3,290.83	6	3,554.38	6	3,773.24	6		6		6		6		6	
1/4	2,769.24	1/4	3,032.78	1/4	3,296.32	1/4	3,559.87	1/4	3,773.63	1/4		1/4		1/4		1/4		1/4	
1/2	2,774.73	1/2	3,038.27	1/2	3,301.81	1/2	3,565.36	1/2	3,774.02	1/2		1/2		1/2		1/2		1/2	
3/4	2,780.22	3/4	3,043.76	3/4	3,307.30	3/4	3,570.85	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,785.71	7	3,049.25	7	3,312.79	7	3,576.34	7		7		7		7		7		7	
1/4	2,791.20	1/4	3,054.74	1/4	3,318.28	1/4	3,581.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,796.69	1/2	3,060.23	1/2	3,323.77	1/2	3,587.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,802.18	3/4	3,065.73	3/4	3,329.26	3/4	3,592.82	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,807.67	8	3,071.22	8	3,334.75	8	3,598.31	8		8		8		8		8		8	
1/4	2,813.16	1/4	3,076.71	1/4	3,340.24	1/4	3,603.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,818.65	1/2	3,082.20	1/2	3,345.73	1/2	3,609.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,824.14	3/4	3,087.69	3/4	3,351.22	3/4	3,614.78	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,829.63	9	3,093.18	9	3,356.71	9	3,620.27	9		9		9		9		9		9	
1/4	2,835.12	1/4	3,098.67	1/4	3,362.20	1/4	3,625.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,840.61	1/2	3,104.16	1/2	3,367.69	1/2	3,631.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,846.11	3/4	3,109.65	3/4	3,373.18	3/4	3,636.75	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,851.60	10	3,115.14	10	3,378.67	10	3,642.24	10		10		10		10		10		10	
1/4	2,857.09	1/4	3,120.63	1/4	3,384.16	1/4	3,647.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,862.58	1/2	3,126.12	1/2	3,389.65	1/2	3,653.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,868.07	3/4	3,131.61	3/4	3,395.14	3/4	3,658.72	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,873.56	11	3,137.10	11	3,400.63	11	3,664.21	11		11		11		11		11		11	
1/4	2,879.05	1/4	3,142.59	1/4	3,406.12	1/4	3,669.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,884.54	1/2	3,148.08	1/2	3,411.61	1/2	3,675.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,890.03	3/4	3,153.57	3/4	3,417.10	3/4	3,680.68	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/14/2001 ITS
DECK MEASUREMENTS: 06/13/2011 CL
REPRINTED: 06/15/2011 SW

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ALL PRIOR TO 06/2011

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BARGE "WEB 228"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	1.89	0	416.29	0	893.00	0	1,371.75	0	1,849.87	0	2,328.44	0	2,806.47	0	3,285.20	0	3,763.26	0	4,207.81
1/4	3.55	1/4	426.24 ^{1/4}		902.98	1/4	1,381.71	1/4	1,869.85	1/4	2,338.38	1/4	2,816.45	1/4	3,295.16	1/4	3,773.22	1/4	4,216.19
1/2	5.21	1/2	436.19 ^{1/2}		912.96	1/2	1,391.67	1/2	1,869.83	1/2	2,348.32	1/2	2,826.42	1/2	3,305.12	1/2	3,783.18	1/2	4,224.56
3/4	6.86	3/4	446.14 ^{3/4}		922.94	3/4	1,401.62	3/4	1,879.80	3/4	2,358.25	3/4	2,836.40	3/4	3,315.08	3/4	3,793.14	3/4	4,232.94
1	8.52	1	456.09	1	932.92	1	1,411.58	1	1,889.78	1	2,368.19	1	2,846.37	1	3,325.04	1	3,803.10	1	4,241.31
1/4	13.44	1/4	466.04 ^{1/4}		942.90	1/4	1,421.54	1/4	1,899.76	1/4	2,378.13	1/4	2,866.35	1/4	3,335.00	1/4	3,813.06	1/4	4,249.67
1/2	18.36	1/2	476.99 ^{1/2}		952.88	1/2	1,431.51	1/2	1,909.74	1/2	2,388.07	1/2	2,866.33	1/2	3,344.96	1/2	3,823.02	1/2	4,258.02
3/4	23.27	3/4	486.94 ^{3/4}		962.85	3/4	1,441.47	3/4	1,919.71	3/4	2,398.00	3/4	2,876.30	3/4	3,354.91	3/4	3,832.98	3/4	4,266.38
2	28.19	2	496.89	2	972.83	2	1,451.43	2	1,929.69	2	2,407.94	2	2,886.28	2	3,364.87	2	3,842.94	2	4,274.73
1/4	36.23	1/4	505.87 ^{1/4}		982.81	1/4	1,461.39	1/4	1,939.67	1/4	2,417.88	1/4	2,896.26	1/4	3,374.83	1/4	3,852.90	1/4	4,283.08
1/2	44.26	1/2	515.85 ^{1/2}		992.79	1/2	1,471.35	1/2	1,949.65	1/2	2,427.81	1/2	2,906.24	1/2	3,384.79	1/2	3,862.86	1/2	4,291.44
3/4	52.30	3/4	525.83 ^{3/4}		1,002.76	3/4	1,481.31	3/4	1,959.62	3/4	2,437.75	3/4	2,916.21	3/4	3,394.75	3/4	3,872.82	3/4	4,299.79
3	60.33	3	535.81	3	1,012.74	3	1,491.27	3	1,969.60	3	2,447.68	3	2,926.19	3	3,404.71	3	3,882.78	3	4,308.15
1/4	70.03	1/4	545.79 ^{1/4}		1,022.72	1/4	1,501.23	1/4	1,979.58	1/4	2,457.62	1/4	2,936.17	1/4	3,414.67	1/4	3,892.74	1/4	4,316.60
1/2	79.73	1/2	555.77 ^{1/2}		1,032.69	1/2	1,511.19	1/2	1,989.56	1/2	2,467.56	1/2	2,946.15	1/2	3,424.63	1/2	3,902.70	1/2	4,324.85
3/4	89.43	3/4	565.74 ^{3/4}		1,042.67	3/4	1,521.15	3/4	1,999.54	3/4	2,477.49	3/4	2,956.12	3/4	3,434.59	3/4	3,912.66	3/4	4,333.21
4	99.13	4	575.72	4	1,052.64	4	1,531.11	4	2,009.52	4	2,487.43	4	2,966.10	4	3,444.55	4	3,922.62	4	4,341.56
1/4	108.83	1/4	585.70 ^{1/4}		1,062.62	1/4	1,541.07	1/4	2,019.50	1/4	2,497.40	1/4	2,976.08	1/4	3,454.51	1/4	3,932.58	1/4	4,349.91
1/2	118.53	1/2	595.68 ^{1/2}		1,072.59	1/2	1,551.03	1/2	2,029.48	1/2	2,507.36	1/2	2,986.06	1/2	3,464.47	1/2	3,942.54	1/2	4,358.27
3/4	128.22	3/4	605.66 ^{3/4}		1,082.57	3/4	1,560.99	3/4	2,039.45	3/4	2,517.33	3/4	2,996.03	3/4	3,474.43	3/4	3,952.50	3/4	4,366.62
5	137.92	5	615.64	5	1,092.54	5	1,570.95	5	2,049.43	5	2,527.29	5	3,006.01	5	3,484.39	5	3,962.46	5	4,374.98
1/4	147.86	1/4	625.60 ^{1/4}		1,102.51	1/4	1,580.91	1/4	2,069.41	1/4	2,537.26	1/4	3,015.99	1/4	3,494.35	1/4	3,972.40	1/4	4,383.33
1/2	157.79	1/2	635.55 ^{1/2}		1,112.49	1/2	1,590.87	1/2	2,069.39	1/2	2,547.22	1/2	3,025.96	1/2	3,504.31	1/2	3,982.33	1/2	4,391.69
3/4	167.73	3/4	645.51 ^{3/4}		1,122.46	3/4	1,600.83	3/4	2,079.36	3/4	2,557.19	3/4	3,035.94	3/4	3,514.27	3/4	3,992.27	3/4	4,400.04
6	177.66	6	655.46	6	1,132.43	6	1,610.79	6	2,089.34	6	2,567.15	6	3,045.91	6	3,524.23	6	4,002.20	6	4,408.40
1/4	187.59	1/4	665.34 ^{1/4}		1,142.41	1/4	1,620.75	1/4	2,099.32	1/4	2,577.12	1/4	3,055.89	1/4	3,534.19	1/4	4,011.74	1/4	4,416.75
1/2	197.53	1/2	675.22 ^{1/2}		1,152.38	1/2	1,630.71	1/2	2,109.30	1/2	2,587.09	1/2	3,065.87	1/2	3,544.15	1/2	4,021.29	1/2	4,425.11
3/4	207.46	3/4	685.10 ^{3/4}		1,162.36	3/4	1,640.67	3/4	2,119.28	3/4	2,597.06	3/4	3,075.84	3/4	3,554.11	3/4	4,030.83	3/4	4,433.46
7	217.39	7	694.98	7	1,172.33	7	1,650.63	7	2,129.26	7	2,607.03	7	3,085.82	7	3,564.07	7	4,040.37	7	4,441.82
1/4	227.33	1/4	704.86 ^{1/4}		1,182.30	1/4	1,660.59	1/4	2,139.24	1/4	2,617.00	1/4	3,095.80	1/4	3,574.03	1/4	4,048.73	1/4	4,450.17
1/2	237.26	1/2	714.75 ^{1/2}		1,192.28	1/2	1,670.56	1/2	2,149.22	1/2	2,626.97	1/2	3,105.78	1/2	3,583.99	1/2	4,057.09	1/2	4,458.53
3/4	247.20	3/4	724.63 ^{3/4}		1,202.25	3/4	1,680.52	3/4	2,159.19	3/4	2,636.94	3/4	3,115.75	3/4	3,593.95	3/4	4,065.44	3/4	4,466.88
8	267.13	8	734.51	8	1,212.22	8	1,690.48	8	2,169.17	8	2,646.91	8	3,125.73	8	3,603.91	8	4,073.80	8	4,475.24
1/4	267.06	1/4	744.39 ^{1/4}		1,222.19	1/4	1,700.44	1/4	2,179.15	1/4	2,656.88	1/4	3,135.70	1/4	3,613.87	1/4	4,082.16	1/4	4,483.59
1/2	277.00	1/2	754.27 ^{1/2}		1,232.16	1/2	1,710.40	1/2	2,189.13	1/2	2,666.85	1/2	3,145.68	1/2	3,623.83	1/2	4,090.52	1/2	4,491.95
3/4	286.93	3/4	764.15 ^{3/4}		1,242.12	3/4	1,720.36	3/4	2,199.10	3/4	2,676.82	3/4	3,155.65	3/4	3,633.79	3/4	4,098.87	3/4	4,500.30
9	296.86	9	774.03	9	1,252.09	9	1,730.32	9	2,209.08	9	2,686.79	9	3,165.62	9	3,643.75	9	4,107.23	9	4,508.66
1/4	306.82	1/4	783.91 ^{1/4}		1,262.06	1/4	1,740.28	1/4	2,219.04	1/4	2,696.77	1/4	3,175.60	1/4	3,653.71	1/4	4,115.59	1/4	4,517.01
1/2	316.77	1/2	793.80 ^{1/2}		1,272.03	1/2	1,750.25	1/2	2,229.00	1/2	2,706.74	1/2	3,185.57	1/2	3,663.67	1/2	4,123.95	1/2	4,525.36
3/4	326.73	3/4	803.68 ^{3/4}		1,282.00	3/4	1,760.21	3/4	2,238.96	3/4	2,716.72	3/4	3,195.55	3/4	3,673.62	3/4	4,132.31	3/4	4,533.72
10	336.68	10	813.56	10	1,291.97	10	1,770.17	10	2,248.92	10	2,726.69	10	3,205.52	10	3,683.58	10	4,140.67	10	4,542.07
1/4	346.63	1/4	823.44 ^{1/4}		1,301.95	1/4	1,780.13	1/4	2,258.86	1/4	2,736.66	1/4	3,215.48	1/4	3,693.54	1/4	4,149.06	1/4	4,550.42
1/2	356.59	1/2	833.33 ^{1/2}		1,311.92	1/2	1,790.10	1/2	2,268.81	1/2	2,746.64	1/2	3,225.44	1/2	3,703.50	1/2	4,157.46	1/2	4,558.78
3/4	366.54	3/4	843.21 ^{3/4}		1,321.90	3/4	1,800.06	3/4	2,278.75	3/4	2,756.61	3/4	3,235.40	3/4	3,713.46	3/4	4,165.85	3/4	4,567.13
11	376.49	11	853.09	11	1,331.87	11	1,810.02	11	2,288.69	11	2,766.58	11	3,245.36	11	3,723.42	11	4,174.24	11	4,575.49
1/4	386.44	1/4	863.07 ^{1/4}		1,341.84	1/4	1,819.98	1/4	2,298.63	1/4	2,776.55	1/4	3,255.32	1/4	3,733.38	1/4	4,182.63	1/4	4,583.84
1/2	396.39	1/2	873.05 ^{1/2}		1,351.81	1/2	1,829.95	1/2	2,308.57	1/2	2,786.53	1/2	3,265.28	1/2	3,743.34	1/2	4,191.03	1/2	4,592.20
3/4	406.34	3/4	883.02 ^{3/4}		1,361.78	3/4	1,839.91	3/4	2,318.50	3/4	2,796.50	3/4	3,275.24	3/4	3,753.30	3/4	4,199.42	3/4	4,600.55

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 5/16" ABOVE TANK BOTTOM.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 01'-00" OFF CENTERLINE AND 46'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 228"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	4,608.91	0	5,040.18	0	5,249.50	0	5,396.33	0	5,542.52	0		0		0		0		0	
1/4	4,617.26	1/4	5,060.10	1/4	5,252.57	1/4	5,399.37	1/4	5,545.56	1/4		1/4		1/4		1/4		1/4	
1/2	4,625.62	1/2	5,060.02	1/2	5,255.63	1/2	5,402.42	1/2	5,548.61	1/2		1/2		1/2		1/2		1/2	
3/4	4,633.97	3/4	5,069.94	3/4	5,258.70	3/4	5,405.46	3/4	5,551.65	3/4		3/4		3/4		3/4		3/4	
1	4,642.33	1	5,079.86	1	5,261.77	1	5,408.51	1	5,554.70	1		1		1		1		1	
1/4	4,660.68	1/4	5,089.84	1/4	5,264.84	1/4	5,411.56	1/4	5,557.74	1/4		1/4		1/4		1/4		1/4	
1/2	4,659.04	1/2	5,099.82	1/2	5,267.91	1/2	5,414.60	1/2	5,560.79	1/2		1/2		1/2		1/2		1/2	
3/4	4,667.39	3/4	5,109.81	3/4	5,270.98	3/4	5,417.65	3/4	5,563.83	3/4		3/4		3/4		3/4		3/4	
2	4,675.75	2	5,119.79	2	5,274.05	2	5,420.70	2	5,566.88	2		2		2		2		2	
1/4	4,684.10	1/4	5,124.59	1/4	5,277.12	1/4	5,423.74	1/4	5,569.90	1/4		1/4		1/4		1/4		1/4	
1/2	4,692.45	1/2	5,129.39	1/2	5,280.19	1/2	5,426.79	1/2	5,572.92	1/2		1/2		1/2		1/2		1/2	
3/4	4,700.81	3/4	5,134.19	3/4	5,283.26	3/4	5,429.83	3/4	5,575.95	3/4		3/4		3/4		3/4		3/4	
3	4,709.16	3	5,138.99	3	5,286.33	3	5,432.88	3	5,578.97	3		3		3		3		3	
1/4	4,717.51	1/4	5,142.06	1/4	5,289.40	1/4	5,435.92	1/4	5,581.66	1/4		1/4		1/4		1/4		1/4	
1/2	4,725.87	1/2	5,145.13	1/2	5,292.47	1/2	5,438.97	1/2	5,584.16	1/2		1/2		1/2		1/2		1/2	
3/4	4,734.22	3/4	5,148.20	3/4	5,295.54	3/4	5,442.01	3/4	5,586.75	3/4		3/4		3/4		3/4		3/4	
4	4,742.58	4	5,151.27	4	5,298.61	4	5,445.06	4	5,589.35	4		4		4		4		4	
1/4	4,750.93	1/4	5,154.34	1/4	5,301.68	1/4	5,448.10	1/4	5,591.30	1/4		1/4		1/4		1/4		1/4	
1/2	4,759.29	1/2	5,157.40	1/2	5,304.75	1/2	5,451.15	1/2	5,593.24	1/2		1/2		1/2		1/2		1/2	
3/4	4,767.64	3/4	5,160.47	3/4	5,307.82	3/4	5,454.19	3/4	5,595.19	3/4		3/4		3/4		3/4		3/4	
5	4,776.00	5	5,163.54	5	5,310.89	5	5,457.24	5	5,597.14	5		5		5		5		5	
1/4	4,784.35	1/4	5,166.61	1/4	5,313.96	1/4	5,460.28	1/4	5,598.44	1/4		1/4		1/4		1/4		1/4	
1/2	4,792.71	1/2	5,169.68	1/2	5,317.02	1/2	5,463.33	1/2	5,599.74	1/2		1/2		1/2		1/2		1/2	
3/4	4,801.06	3/4	5,172.75	3/4	5,320.09	3/4	5,466.37	3/4	5,601.05	3/4		3/4		3/4		3/4		3/4	
6	4,809.42	6	5,175.82	6	5,323.16	6	5,469.42	6	5,602.35	6		6		6		6		6	
1/4	4,817.77	1/4	5,178.89	1/4	5,326.22	1/4	5,472.47	1/4	5,603.00	1/4		1/4		1/4		1/4		1/4	
1/2	4,826.13	1/2	5,181.96	1/2	5,329.29	1/2	5,475.51	1/2	5,603.66	1/2		1/2		1/2		1/2		1/2	
3/4	4,834.48	3/4	5,185.03	3/4	5,332.35	3/4	5,478.56	3/4	5,604.31	3/4		3/4		3/4		3/4		3/4	
7	4,842.84	7	5,188.10	7	5,335.42	7	5,481.61	7	5,604.97	7		7		7		7		7	
1/4	4,852.73	1/4	5,191.17	1/4	5,338.46	1/4	5,484.65	1/4	5,605.14	1/4		1/4		1/4		1/4		1/4	
1/2	4,862.63	1/2	5,194.24	1/2	5,341.51	1/2	5,487.70	1/2	5,605.31	1/2		1/2		1/2		1/2		1/2	
3/4	4,872.52	3/4	5,197.31	3/4	5,344.55	3/4	5,490.74	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,882.42	8	5,200.38	8	5,347.60	8	5,493.79	8		8		8		8		8		8	
1/4	4,892.28	1/4	5,203.45	1/4	5,350.64	1/4	5,496.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,902.14	1/2	5,206.52	1/2	5,353.69	1/2	5,499.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,912.00	3/4	5,209.59	3/4	5,356.73	3/4	5,502.92	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,921.86	9	5,212.66	9	5,359.78	9	5,505.97	9		9		9		9		9		9	
1/4	4,931.72	1/4	5,215.73	1/4	5,362.83	1/4	5,509.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,941.58	1/2	5,218.80	1/2	5,365.87	1/2	5,512.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,951.44	3/4	5,221.87	3/4	5,368.92	3/4	5,515.10	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,961.30	10	5,224.94	10	5,371.97	10	5,518.15	10		10		10		10		10		10	
1/4	4,971.16	1/4	5,228.01	1/4	5,375.01	1/4	5,521.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,981.02	1/2	5,231.08	1/2	5,378.06	1/2	5,524.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,990.88	3/4	5,234.15	3/4	5,381.10	3/4	5,527.29	3/4		3/4		3/4		3/4		3/4		3/4	
11	5,000.74	11	5,237.22	11	5,384.15	11	5,530.34	11		11		11		11		11		11	
1/4	5,010.60	1/4	5,240.29	1/4	5,387.19	1/4	5,533.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,020.46	1/2	5,243.36	1/2	5,390.24	1/2	5,536.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,030.32	3/4	5,246.43	3/4	5,393.28	3/4	5,539.47	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/14/2001 ITS
DECK MEASUREMENTS: 06/13/2011 CL
REPRINTED: 06/15/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2011

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