



BARGE "WEB 219"

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	- 01-1/8	01-1/8	- 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"

December 31, 2008

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 219"

1 CENTER
INNAGE TABLE

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

GAUGE HEIGHT 15'-01 1/4"

Table with 19 columns (0 FT. to 9 FT.) and 34 rows (0 to 3/4). Each cell contains capacity values for different gauge heights (0, 1/4, 1/2, 3/4).

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
GAUGE POINT: (10" GAUGE HATCH) LOCATED 00'-09" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

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& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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Signature



BARGE "WEB 219"

**1 CENTER
INNAGE TABLE**

GAUGE HEIGHT 15'-01 1/4"

CAPACITIES GIVEN IN WHOLE 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	5,032.31	0	5,552.96	0	6,073.62	0	6,594.28	0	7,115.01	0		0		0		0		0	
1/4	5,043.16	1/4	5,563.81	1/4	6,084.47	1/4	6,605.12	1/4	7,125.86	1/4		1/4		1/4		1/4		1/4	
1/2	5,054.00	1/2	5,574.65	1/2	6,095.31	1/2	6,615.97	1/2	7,136.71	1/2		1/2		1/2		1/2		1/2	
3/4	5,064.85	3/4	5,585.50	3/4	6,106.16	3/4	6,626.81	3/4	7,147.56	3/4		3/4		3/4		3/4		3/4	
1	5,075.70	1	5,596.35	1	6,117.01	1	6,637.66	1	7,158.41	1		1		1		1		1	
1 1/4	5,086.54	1 1/4	5,607.20	1 1/4	6,127.86	1 1/4	6,648.51	1 1/4	7,169.26	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,097.39	1 1/2	5,618.04	1 1/2	6,138.70	1 1/2	6,659.36	1 1/2	7,180.10	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,108.23	3/4	5,628.89	3/4	6,149.55	3/4	6,670.21	3/4	7,190.95	3/4		3/4		3/4		3/4		3/4	
2	5,119.08	2	5,639.74	2	6,160.40	2	6,681.06	2	7,201.80	2		2		2		2		2	
1 1/4	5,129.93	1 1/4	5,650.59	1 1/4	6,171.24	1 1/4	6,691.91	1 1/4	7,212.28	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,140.77	1 1/2	5,661.43	1 1/2	6,182.09	1 1/2	6,702.75	1 1/2	7,222.76	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,151.62	3/4	5,672.28	3/4	6,192.93	3/4	6,713.60	3/4	7,233.24	3/4		3/4		3/4		3/4		3/4	
3	5,162.47	3	5,683.13	3	6,203.78	3	6,724.45	3	7,243.72	3		3		3		3		3	
1 1/4	5,173.32	1 1/4	5,693.98	1 1/4	6,214.63	1 1/4	6,735.30	1 1/4	7,252.35	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,184.16	1 1/2	5,704.82	1 1/2	6,225.47	1 1/2	6,746.15	1 1/2	7,260.98	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,195.01	3/4	5,715.67	3/4	6,236.32	3/4	6,757.00	3/4	7,269.61	3/4		3/4		3/4		3/4		3/4	
4	5,205.86	4	5,726.52	4	6,247.17	4	6,767.85	4	7,278.24	4		4		4		4		4	
1 1/4	5,216.71	1 1/4	5,737.36	1 1/4	6,258.02	1 1/4	6,778.70	1 1/4	7,284.89	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,227.55	1 1/2	5,748.21	1 1/2	6,268.86	1 1/2	6,789.54	1 1/2	7,291.55	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,238.40	3/4	5,759.05	3/4	6,279.71	3/4	6,800.39	3/4	7,298.20	3/4		3/4		3/4		3/4		3/4	
5	5,249.25	5	5,769.90	5	6,290.56	5	6,811.24	5	7,304.86	5		5		5		5		5	
1 1/4	5,260.10	1 1/4	5,780.75	1 1/4	6,301.41	1 1/4	6,822.09	1 1/4	7,309.54	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,270.94	1 1/2	5,791.59	1 1/2	6,312.25	1 1/2	6,832.94	1 1/2	7,314.23	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,281.79	3/4	5,802.44	3/4	6,323.10	3/4	6,843.79	3/4	7,318.91	3/4		3/4		3/4		3/4		3/4	
6	5,292.64	6	5,813.29	6	6,333.95	6	6,854.64	6	7,323.60	6		6		6		6		6	
1 1/4	5,303.48	1 1/4	5,824.14	1 1/4	6,344.80	1 1/4	6,865.49	1 1/4	7,326.31	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,314.33	1 1/2	5,834.98	1 1/2	6,355.64	1 1/2	6,876.33	1 1/2	7,329.02	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,325.17	3/4	5,845.83	3/4	6,366.49	3/4	6,887.18	3/4	7,331.73	3/4		3/4		3/4		3/4		3/4	
7	5,336.02	7	5,856.68	7	6,377.34	7	6,898.03	7	7,334.44	7		7		7		7		7	
1 1/4	5,346.87	1 1/4	5,867.53	1 1/4	6,388.18	1 1/4	6,908.88	1 1/4	7,335.42	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,357.71	1 1/2	5,878.37	1 1/2	6,399.03	1 1/2	6,919.73	1 1/2	7,336.41	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,368.56	3/4	5,889.22	3/4	6,409.87	3/4	6,930.58	3/4	7,337.39	3/4		3/4		3/4		3/4		3/4	
8	5,379.41	8	5,900.07	8	6,420.72	8	6,941.43	8		8		8		8		8		8	
1 1/4	5,390.26	1 1/4	5,910.92	1 1/4	6,431.57	1 1/4	6,952.28	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,401.10	1 1/2	5,921.76	1 1/2	6,442.41	1 1/2	6,963.12	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,411.95	3/4	5,932.61	3/4	6,453.26	3/4	6,973.97	3/4		3/4		3/4		3/4		3/4		3/4	
9	5,422.80	9	5,943.46	9	6,464.11	9	6,984.82	9		9		9		9		9		9	
1 1/4	5,433.65	1 1/4	5,954.30	1 1/4	6,474.96	1 1/4	6,995.67	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,444.49	1 1/2	5,965.15	1 1/2	6,485.80	1 1/2	7,006.52	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,455.34	3/4	5,975.99	3/4	6,496.65	3/4	7,017.37	3/4		3/4		3/4		3/4		3/4		3/4	
10	5,466.19	10	5,986.84	10	6,507.50	10	7,028.22	10		10		10		10		10		10	
1 1/4	5,477.04	1 1/4	5,997.69	1 1/4	6,518.35	1 1/4	7,039.07	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,487.88	1 1/2	6,008.53	1 1/2	6,529.19	1 1/2	7,049.92	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,498.73	3/4	6,019.38	3/4	6,540.04	3/4	7,060.77	3/4		3/4		3/4		3/4		3/4		3/4	
11	5,509.58	11	6,030.23	11	6,550.89	11	7,071.62	11		11		11		11		11		11	
1 1/4	5,520.42	1 1/4	6,041.08	1 1/4	6,561.74	1 1/4	7,082.47	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,531.27	1 1/2	6,051.92	1 1/2	6,572.58	1 1/2	7,093.31	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,542.11	3/4	6,062.77	3/4	6,583.43	3/4	7,104.16	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/1998 ITS
DECK MEASUREMENTS: 12/09/2008 SW
REPRINTED: 12/31/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "WEB 219"

2 PORT INNAGE TABLE

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

GAUGE HEIGHT 14'-09 1/4"

#1	0 FT.	#1	1 FT.	#1	2 FT.	#1	3 FT.	#1	4 FT.	#1	5 FT.	#1	6 FT.	#1	7 FT.	#1	8 FT.	#1	9 FT.
0	8.60	0	259.84	0	520.52	0	782.50	0	1,044.34	0	1,306.39	0	1,568.43	0	1,830.47	0	2,092.51	0	2,354.55
1/4	12.13	1/4	265.29	1/4	525.98	1/4	787.95	1/4	1,049.80	1/4	1,311.85	1/4	1,573.89	1/4	1,835.93	1/4	2,097.97	1/4	2,360.01
1/2	15.65	1/2	270.73	1/2	531.44	1/2	793.41	1/2	1,055.26	1/2	1,317.31	1/2	1,579.35	1/2	1,841.39	1/2	2,103.43	1/2	2,365.47
3/4	19.18	3/4	276.18	3/4	536.89	3/4	798.86	3/4	1,060.72	3/4	1,322.76	3/4	1,584.80	3/4	1,846.85	3/4	2,108.89	3/4	2,370.93
1	22.70	1	281.62	1	542.35	1	804.31	1	1,066.18	1	1,328.22	1	1,590.26	1	1,852.31	1	2,114.35	1	2,376.39
1/4	27.78	1/4	287.06	1/4	547.81	1/4	809.77	1/4	1,071.64	1/4	1,333.68	1/4	1,595.72	1/4	1,857.77	1/4	2,119.81	1/4	2,381.85
1/2	32.86	1/2	292.51	1/2	553.27	1/2	815.22	1/2	1,077.10	1/2	1,339.14	1/2	1,601.18	1/2	1,863.23	1/2	2,125.27	1/2	2,387.31
3/4	37.94	3/4	297.95	3/4	558.73	3/4	820.68	3/4	1,082.56	3/4	1,344.60	3/4	1,606.64	3/4	1,868.68	3/4	2,130.72	3/4	2,392.77
2	43.02	2	303.39	2	564.19	2	826.13	2	1,088.02	2	1,350.06	2	1,612.10	2	1,874.14	2	2,136.18	2	2,398.23
1/4	48.33	1/4	308.84	1/4	569.65	1/4	831.59	1/4	1,093.48	1/4	1,355.52	1/4	1,617.56	1/4	1,879.60	1/4	2,141.64	1/4	2,403.69
1/2	53.64	1/2	314.28	1/2	575.11	1/2	837.04	1/2	1,098.94	1/2	1,360.98	1/2	1,623.02	1/2	1,885.06	1/2	2,147.10	1/2	2,409.15
3/4	58.95	3/4	319.73	3/4	580.57	3/4	842.50	3/4	1,104.39	3/4	1,366.44	3/4	1,628.48	3/4	1,890.52	3/4	2,152.56	3/4	2,414.60
3	64.26	3	325.17	3	586.03	3	847.95	3	1,109.85	3	1,371.90	3	1,633.94	3	1,895.98	3	2,158.02	3	2,420.06
1/4	69.63	1/4	330.61	1/4	591.49	1/4	853.41	1/4	1,115.31	1/4	1,377.36	1/4	1,639.40	1/4	1,901.44	1/4	2,163.48	1/4	2,425.52
1/2	75.00	1/2	336.06	1/2	596.95	1/2	858.86	1/2	1,120.77	1/2	1,382.82	1/2	1,644.86	1/2	1,906.90	1/2	2,168.94	1/2	2,430.98
3/4	80.37	3/4	341.50	3/4	602.41	3/4	864.32	3/4	1,126.23	3/4	1,388.27	3/4	1,650.31	3/4	1,912.36	3/4	2,174.40	3/4	2,436.44
4	85.74	4	346.94	4	607.87	4	869.77	4	1,131.69	4	1,393.73	4	1,655.77	4	1,917.82	4	2,179.86	4	2,441.90
1/4	91.18	1/4	352.36	1/4	613.33	1/4	875.23	1/4	1,137.15	1/4	1,399.19	1/4	1,661.23	1/4	1,923.28	1/4	2,185.32	1/4	2,447.36
1/2	96.61	1/2	357.78	1/2	618.79	1/2	880.68	1/2	1,142.61	1/2	1,404.65	1/2	1,666.69	1/2	1,928.74	1/2	2,190.78	1/2	2,452.82
3/4	102.05	3/4	363.19	3/4	624.24	3/4	886.14	3/4	1,148.07	3/4	1,410.11	3/4	1,672.15	3/4	1,934.19	3/4	2,196.23	3/4	2,458.28
5	107.48	5	368.61	5	629.70	5	891.59	5	1,153.53	5	1,415.57	5	1,677.61	5	1,939.65	5	2,201.69	5	2,463.74
1/4	112.92	1/4	374.02	1/4	635.16	1/4	897.05	1/4	1,158.99	1/4	1,421.03	1/4	1,683.07	1/4	1,945.11	1/4	2,207.15	1/4	2,469.20
1/2	118.35	1/2	379.42	1/2	640.62	1/2	902.50	1/2	1,164.45	1/2	1,426.49	1/2	1,688.53	1/2	1,950.57	1/2	2,212.61	1/2	2,474.66
3/4	123.79	3/4	384.83	3/4	646.08	3/4	907.96	3/4	1,169.91	3/4	1,431.95	3/4	1,693.99	3/4	1,956.03	3/4	2,218.07	3/4	2,480.11
6	129.22	6	390.23	6	651.54	6	913.41	6	1,175.37	6	1,437.41	6	1,699.45	6	1,961.49	6	2,223.53	6	2,485.57
1/4	134.66	1/4	395.64	1/4	657.00	1/4	918.86	1/4	1,180.83	1/4	1,442.87	1/4	1,704.91	1/4	1,966.95	1/4	2,228.99	1/4	2,491.03
1/2	140.09	1/2	401.05	1/2	662.46	1/2	924.32	1/2	1,186.29	1/2	1,448.33	1/2	1,710.37	1/2	1,972.41	1/2	2,234.45	1/2	2,496.49
3/4	145.53	3/4	406.45	3/4	667.92	3/4	929.77	3/4	1,191.74	3/4	1,453.78	3/4	1,715.83	3/4	1,977.87	3/4	2,239.91	3/4	2,501.95
7	150.96	7	411.86	7	673.38	7	935.22	7	1,197.20	7	1,459.24	7	1,721.29	7	1,983.33	7	2,245.37	7	2,507.41
1/4	156.40	1/4	417.27	1/4	678.84	1/4	940.68	1/4	1,202.66	1/4	1,464.70	1/4	1,726.75	1/4	1,988.79	1/4	2,250.83	1/4	2,512.87
1/2	161.84	1/2	422.68	1/2	684.30	1/2	946.13	1/2	1,208.12	1/2	1,470.16	1/2	1,732.21	1/2	1,994.25	1/2	2,256.29	1/2	2,518.33
3/4	167.28	3/4	428.08	3/4	689.75	3/4	951.59	3/4	1,213.58	3/4	1,475.62	3/4	1,737.66	3/4	1,999.70	3/4	2,261.75	3/4	2,523.79
8	172.72	8	433.49	8	695.21	8	957.04	8	1,219.04	8	1,481.08	8	1,743.12	8	2,005.16	8	2,267.21	8	2,529.25
1/4	178.17	1/4	438.90	1/4	700.67	1/4	962.50	1/4	1,224.50	1/4	1,486.54	1/4	1,748.58	1/4	2,010.62	1/4	2,272.67	1/4	2,534.71
1/2	183.62	1/2	444.30	1/2	706.12	1/2	967.95	1/2	1,229.96	1/2	1,492.00	1/2	1,754.04	1/2	2,016.08	1/2	2,278.13	1/2	2,540.17
3/4	189.06	3/4	449.71	3/4	711.58	3/4	973.41	3/4	1,235.42	3/4	1,497.46	3/4	1,759.50	3/4	2,021.54	3/4	2,283.58	3/4	2,545.62
9	194.51	9	455.11	9	717.03	9	978.86	9	1,240.88	9	1,502.92	9	1,764.96	9	2,027.00	9	2,289.04	9	2,551.08
1/4	199.96	1/4	460.54	1/4	722.49	1/4	984.32	1/4	1,246.34	1/4	1,508.38	1/4	1,770.42	1/4	2,032.46	1/4	2,294.50	1/4	2,556.54
1/2	205.40	1/2	465.98	1/2	727.95	1/2	989.77	1/2	1,251.80	1/2	1,513.84	1/2	1,775.88	1/2	2,037.92	1/2	2,299.96	1/2	2,562.00
3/4	210.85	3/4	471.41	3/4	733.40	3/4	995.23	3/4	1,257.25	3/4	1,519.29	3/4	1,781.34	3/4	2,043.38	3/4	2,305.42	3/4	2,567.46
10	216.29	10	476.84	10	738.86	10	1,000.68	10	1,262.71	10	1,524.75	10	1,786.80	10	2,048.84	10	2,310.88	10	2,572.92
1/4	221.74	1/4	482.30	1/4	744.32	1/4	1,006.14	1/4	1,268.17	1/4	1,530.21	1/4	1,792.26	1/4	2,054.30	1/4	2,316.34	1/4	2,578.38
1/2	227.18	1/2	487.76	1/2	749.77	1/2	1,011.60	1/2	1,273.63	1/2	1,535.67	1/2	1,797.72	1/2	2,059.76	1/2	2,321.80	1/2	2,583.84
3/4	232.63	3/4	493.22	3/4	755.23	3/4	1,017.05	3/4	1,279.09	3/4	1,541.13	3/4	1,803.17	3/4	2,065.21	3/4	2,327.26	3/4	2,589.30
11	238.07	11	498.68	11	760.68	11	1,022.51	11	1,284.55	11	1,546.59	11	1,808.63	11	2,070.67	11	2,332.72	11	2,594.76
1/4	243.51	1/4	504.14	1/4	766.14	1/4	1,027.97	1/4	1,290.01	1/4	1,552.05	1/4	1,814.09	1/4	2,076.13	1/4	2,338.18	1/4	2,600.22
1/2	248.96	1/2	509.60	1/2	771.59	1/2	1,033.43	1/2	1,295.47	1/2	1,557.51	1/2	1,819.55	1/2	2,081.59	1/2	2,343.64	1/2	2,605.68
3/4	254.40	3/4	515.06	3/4	777.05	3/4	1,038.88	3/4	1,300.93	3/4	1,562.97	3/4	1,825.01	3/4	2,087.05	3/4	2,349.09	3/4	2,611.13

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 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 219"

2 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	2,616.59	0	2,878.64	0	3,140.68	0	3,402.72	0	3,664.80	0		0		0		0		0	
1/4	2,622.05	1/4	2,884.10	1/4	3,146.14	1/4	3,408.18	1/4	3,670.26	1/4		1/4		1/4		1/4		1/4	
1/2	2,627.51	1/2	2,889.56	1/2	3,151.60	1/2	3,413.64	1/2	3,675.72	1/2		1/2		1/2		1/2		1/2	
3/4	2,632.97	3/4	2,895.01	3/4	3,157.05	3/4	3,419.10	3/4	3,681.18	3/4		3/4		3/4		3/4		3/4	
1	2,638.43	1	2,900.47	1	3,162.51	1	3,424.56	1	3,686.64	1		1		1		1		1	
1/4	2,643.89	1/4	2,905.93	1/4	3,167.97	1/4	3,430.02	1/4	3,691.92	1/4		1/4		1/4		1/4		1/4	
1/2	2,649.35	1/2	2,911.39	1/2	3,173.43	1/2	3,435.48	1/2	3,697.20	1/2		1/2		1/2		1/2		1/2	
3/4	2,654.81	3/4	2,916.85	3/4	3,178.89	3/4	3,440.94	3/4	3,702.47	3/4		3/4		3/4		3/4		3/4	
2	2,660.27	2	2,922.31	2	3,184.35	2	3,446.40	2	3,707.75	2		2		2		2		2	
1/4	2,665.73	1/4	2,927.77	1/4	3,189.81	1/4	3,451.86	1/4	3,712.11	1/4		1/4		1/4		1/4		1/4	
1/2	2,671.19	1/2	2,933.23	1/2	3,195.27	1/2	3,457.32	1/2	3,716.47	1/2		1/2		1/2		1/2		1/2	
3/4	2,676.64	3/4	2,938.69	3/4	3,200.73	3/4	3,462.78	3/4	3,720.83	3/4		3/4		3/4		3/4		3/4	
3	2,682.10	3	2,944.15	3	3,206.19	3	3,468.24	3	3,725.19	3		3		3		3		3	
1/4	2,687.56	1/4	2,949.61	1/4	3,211.65	1/4	3,473.70	1/4	3,728.57	1/4		1/4		1/4		1/4		1/4	
1/2	2,693.02	1/2	2,955.07	1/2	3,217.11	1/2	3,479.16	1/2	3,731.96	1/2		1/2		1/2		1/2		1/2	
3/4	2,698.48	3/4	2,960.52	3/4	3,222.56	3/4	3,484.62	3/4	3,735.34	3/4		3/4		3/4		3/4		3/4	
4	2,703.94	4	2,965.98	4	3,228.02	4	3,490.08	4	3,738.72	4		4		4		4		4	
1/4	2,709.40	1/4	2,971.44	1/4	3,233.48	1/4	3,495.54	1/4	3,741.12	1/4		1/4		1/4		1/4		1/4	
1/2	2,714.86	1/2	2,976.90	1/2	3,238.94	1/2	3,501.00	1/2	3,743.53	1/2		1/2		1/2		1/2		1/2	
3/4	2,720.32	3/4	2,982.36	3/4	3,244.40	3/4	3,506.46	3/4	3,745.93	3/4		3/4		3/4		3/4		3/4	
5	2,725.78	5	2,987.82	5	3,249.86	5	3,511.92	5	3,748.33	5		5		5		5		5	
1/4	2,731.24	1/4	2,993.28	1/4	3,255.32	1/4	3,517.38	1/4	3,749.76	1/4		1/4		1/4		1/4		1/4	
1/2	2,736.70	1/2	2,998.74	1/2	3,260.78	1/2	3,522.84	1/2	3,751.18	1/2		1/2		1/2		1/2		1/2	
3/4	2,742.15	3/4	3,004.20	3/4	3,266.24	3/4	3,528.30	3/4	3,752.61	3/4		3/4		3/4		3/4		3/4	
6	2,747.61	6	3,009.66	6	3,271.70	6	3,533.76	6	3,754.03	6		6		6		6		6	
1/4	2,753.07	1/4	3,015.12	1/4	3,277.16	1/4	3,539.22	1/4	3,754.48	1/4		1/4		1/4		1/4		1/4	
1/2	2,758.53	1/2	3,020.58	1/2	3,282.62	1/2	3,544.68	1/2	3,754.93	1/2		1/2		1/2		1/2		1/2	
3/4	2,763.99	3/4	3,026.03	3/4	3,288.07	3/4	3,550.14	3/4	3,755.37	3/4		3/4		3/4		3/4		3/4	
7	2,769.45	7	3,031.49	7	3,293.53	7	3,555.60	7	3,755.82	7		7		7		7		7	
1/4	2,774.91	1/4	3,036.95	1/4	3,298.99	1/4	3,561.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,780.37	1/2	3,042.41	1/2	3,304.45	1/2	3,566.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,785.83	3/4	3,047.87	3/4	3,309.91	3/4	3,571.98	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,791.29	8	3,053.33	8	3,315.37	8	3,577.44	8		8		8		8		8		8	
1/4	2,796.75	1/4	3,058.79	1/4	3,320.83	1/4	3,582.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,802.21	1/2	3,064.25	1/2	3,326.29	1/2	3,588.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,807.67	3/4	3,069.71	3/4	3,331.75	3/4	3,593.82	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,813.13	9	3,075.17	9	3,337.21	9	3,599.28	9		9		9		9		9		9	
1/4	2,818.59	1/4	3,080.63	1/4	3,342.67	1/4	3,604.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,824.05	1/2	3,086.09	1/2	3,348.13	1/2	3,610.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,829.50	3/4	3,091.54	3/4	3,353.59	3/4	3,615.66	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,834.96	10	3,097.00	10	3,359.05	10	3,621.12	10		10		10		10		10		10	
1/4	2,840.42	1/4	3,102.46	1/4	3,364.51	1/4	3,626.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,845.88	1/2	3,107.92	1/2	3,369.97	1/2	3,632.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,851.34	3/4	3,113.38	3/4	3,375.42	3/4	3,637.50	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,856.80	11	3,118.84	11	3,380.88	11	3,642.96	11		11		11		11		11		11	
1/4	2,862.26	1/4	3,124.30	1/4	3,386.34	1/4	3,648.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,867.72	1/2	3,129.76	1/2	3,391.80	1/2	3,653.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,873.18	3/4	3,135.22	3/4	3,397.26	3/4	3,659.34	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/1998 ITS
DECK MEASUREMENTS: 12/09/2008 SW
REPRINTED: 12/31/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2008

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



BARGE "WEB 219"

**2 STBD
INNAGE TABLE**

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

GAUGE HEIGHT 14'-09 3/8"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	8.64	261.12	523.07	786.22	1,048.68	1,312.00	1,575.31	1,838.63	2,101.95	2,365.27
1/4	12.18	266.59	528.56	791.69	1,054.17	1,317.49	1,580.80	1,844.12	2,107.43	2,370.75
1/2	15.73	272.06	534.04	797.15	1,059.65	1,322.97	1,586.28	1,849.60	2,112.92	2,376.24
3/4	19.27	277.53	539.53	802.62	1,065.14	1,328.46	1,591.77	1,855.09	2,118.40	2,381.72
1	22.81	283.00	545.01	808.08	1,070.62	1,333.94	1,597.26	1,860.58	2,123.89	2,387.21
1/4	27.92	288.47	550.50	813.55	1,076.11	1,339.43	1,602.74	1,866.06	2,129.38	2,392.70
1/2	33.03	293.94	555.98	819.01	1,081.59	1,344.91	1,608.23	1,871.55	2,134.86	2,398.18
3/4	38.13	299.41	561.47	824.48	1,087.08	1,350.40	1,613.71	1,877.03	2,140.35	2,403.67
2	43.24	304.88	566.95	829.94	1,092.56	1,355.88	1,619.20	1,882.52	2,145.84	2,409.16
1/4	48.57	310.35	572.44	835.41	1,098.05	1,361.37	1,624.68	1,888.00	2,151.32	2,414.65
1/2	53.91	315.82	577.93	840.87	1,103.54	1,366.85	1,630.17	1,893.49	2,156.81	2,420.13
3/4	59.24	321.29	583.41	846.34	1,109.02	1,372.34	1,635.65	1,898.97	2,162.29	2,425.62
3	64.57	326.76	588.90	851.80	1,114.51	1,377.82	1,641.14	1,904.46	2,167.78	2,431.10
1/4	69.97	332.23	594.39	857.27	1,120.00	1,383.31	1,646.63	1,909.94	2,173.26	2,436.59
1/2	75.37	337.71	599.87	862.73	1,125.48	1,388.80	1,652.11	1,915.43	2,178.75	2,442.07
3/4	80.77	343.18	605.36	868.20	1,130.97	1,394.28	1,657.60	1,920.91	2,184.23	2,447.56
4	86.17	348.65	610.84	873.66	1,136.45	1,399.77	1,663.09	1,926.40	2,189.72	2,453.04
1/4	91.63	354.09	616.33	879.13	1,141.94	1,405.26	1,668.57	1,931.89	2,195.21	2,458.53
1/2	97.09	359.54	621.82	884.59	1,147.42	1,410.74	1,674.06	1,937.37	2,200.69	2,464.01
3/4	102.55	364.98	627.30	890.06	1,152.91	1,416.22	1,679.54	1,942.86	2,206.18	2,469.50
5	108.01	370.42	632.79	895.52	1,158.39	1,421.71	1,685.03	1,948.35	2,211.67	2,474.98
1/4	113.47	375.85	638.28	900.99	1,163.88	1,427.19	1,690.51	1,953.83	2,217.15	2,480.47
1/2	118.94	381.29	643.76	906.45	1,169.37	1,432.68	1,696.00	1,959.32	2,222.64	2,485.96
3/4	124.40	386.72	649.25	911.92	1,174.85	1,438.16	1,701.48	1,964.80	2,228.12	2,491.44
6	129.86	392.15	654.73	917.38	1,180.34	1,443.65	1,706.97	1,970.29	2,233.61	2,496.93
1/4	135.32	397.58	660.22	922.85	1,185.83	1,449.14	1,712.46	1,975.77	2,239.09	2,502.42
1/2	140.79	403.02	665.71	928.32	1,191.31	1,454.62	1,717.94	1,981.26	2,244.58	2,507.90
3/4	146.25	408.45	671.19	933.78	1,196.80	1,460.11	1,723.43	1,986.74	2,250.06	2,513.39
7	151.71	413.88	676.68	939.25	1,202.28	1,465.60	1,728.92	1,992.23	2,255.55	2,518.87
1/4	157.18	419.31	682.16	944.72	1,207.77	1,471.08	1,734.40	1,997.72	2,261.04	2,524.36
1/2	162.64	424.75	687.65	950.18	1,213.25	1,476.57	1,739.89	2,003.20	2,266.52	2,529.84
3/4	168.11	430.18	693.13	955.65	1,218.74	1,482.05	1,745.37	2,008.69	2,272.01	2,535.33
8	173.57	435.61	698.61	961.11	1,224.22	1,487.54	1,750.86	2,014.18	2,277.50	2,540.81
1/4	179.04	441.05	704.09	966.58	1,229.71	1,493.02	1,756.34	2,019.66	2,282.98	2,546.30
1/2	184.52	446.48	709.58	972.04	1,235.20	1,498.51	1,761.83	2,025.15	2,288.47	2,551.79
3/4	189.99	451.92	715.06	977.51	1,240.68	1,503.99	1,767.31	2,030.63	2,293.95	2,557.27
9	195.46	457.35	720.54	982.97	1,246.17	1,509.48	1,772.80	2,036.12	2,299.44	2,562.76
1/4	200.93	462.81	726.02	988.44	1,251.66	1,514.97	1,778.29	2,041.60	2,304.92	2,568.25
1/2	206.41	468.27	731.51	993.90	1,257.14	1,520.45	1,783.77	2,047.09	2,310.41	2,573.73
3/4	211.88	473.72	736.99	999.37	1,262.63	1,525.94	1,789.26	2,052.57	2,315.89	2,579.22
10	217.35	479.18	742.47	1,004.83	1,268.11	1,531.43	1,794.75	2,058.06	2,321.38	2,584.70
1/4	222.82	484.67	747.94	1,010.31	1,273.60	1,536.91	1,800.23	2,063.55	2,326.87	2,590.19
1/2	228.30	490.16	753.41	1,015.78	1,279.08	1,542.40	1,805.72	2,069.03	2,332.35	2,595.67
3/4	233.77	495.64	758.88	1,021.26	1,284.57	1,547.88	1,811.20	2,074.52	2,337.84	2,601.16
11	239.24	501.13	764.35	1,026.73	1,290.05	1,553.37	1,816.69	2,080.01	2,343.33	2,606.64
1/4	244.71	506.62	769.82	1,032.22	1,295.54	1,558.85	1,822.17	2,085.49	2,348.81	2,612.13
1/2	250.18	512.10	775.29	1,037.71	1,301.03	1,564.34	1,827.66	2,090.98	2,354.30	2,617.62
3/4	255.65	517.59	780.76	1,043.19	1,306.51	1,569.82	1,833.14	2,096.46	2,359.78	2,623.10

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 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 219"

2 STBD INNAGE TABLE

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

GAUGE HEIGHT 14'-09 3/8"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	2,628.59	0	2,891.91	0	3,155.22	0	3,418.54	0	3,681.90	0		0		0		0		0	
1/4	2,634.08	1/4	2,897.40	1/4	3,160.71	1/4	3,424.03	1/4	3,687.39	1/4		1/4		1/4		1/4		1/4	
1/2	2,639.56	1/2	2,902.88	1/2	3,166.20	1/2	3,429.52	1/2	3,692.88	1/2		1/2		1/2		1/2		1/2	
3/4	2,645.05	3/4	2,908.37	3/4	3,171.68	3/4	3,435.00	3/4	3,698.36	3/4		3/4		3/4		3/4		3/4	
1	2,650.53	1	2,913.86	1	3,177.17	1	3,440.49	1	3,703.85	1		1		1		1		1	
1/4	2,656.02	1/4	2,919.34	1/4	3,182.66	1/4	3,445.98	1/4	3,709.14	1/4		1/4		1/4		1/4		1/4	
1/2	2,661.50	1/2	2,924.82	1/2	3,188.14	1/2	3,451.47	1/2	3,714.43	1/2		1/2		1/2		1/2		1/2	
3/4	2,666.99	3/4	2,930.31	3/4	3,193.63	3/4	3,456.95	3/4	3,719.72	3/4		3/4		3/4		3/4		3/4	
2	2,672.47	2	2,935.79	2	3,199.11	2	3,462.44	2	3,725.01	2		2		2		2		2	
1/4	2,677.96	1/4	2,941.28	1/4	3,204.60	1/4	3,467.93	1/4	3,729.32	1/4		1/4		1/4		1/4		1/4	
1/2	2,683.45	1/2	2,946.77	1/2	3,210.08	1/2	3,473.41	1/2	3,733.64	1/2		1/2		1/2		1/2		1/2	
3/4	2,688.93	3/4	2,952.25	3/4	3,215.57	3/4	3,478.90	3/4	3,737.95	3/4		3/4		3/4		3/4		3/4	
3	2,694.42	3	2,957.74	3	3,221.05	3	3,484.38	3	3,742.26	3		3		3		3		3	
1/4	2,699.91	1/4	2,963.23	1/4	3,226.54	1/4	3,489.87	1/4	3,745.53	1/4		1/4		1/4		1/4		1/4	
1/2	2,705.39	1/2	2,968.71	1/2	3,232.03	1/2	3,495.36	1/2	3,748.79	1/2		1/2		1/2		1/2		1/2	
3/4	2,710.88	3/4	2,974.20	3/4	3,237.51	3/4	3,500.84	3/4	3,752.06	3/4		3/4		3/4		3/4		3/4	
4	2,716.36	4	2,979.68	4	3,243.00	4	3,506.33	4	3,755.32	4		4		4		4		4	
1/4	2,721.85	1/4	2,985.17	1/4	3,248.49	1/4	3,511.82	1/4	3,757.54	1/4		1/4		1/4		1/4		1/4	
1/2	2,727.33	1/2	2,990.65	1/2	3,253.97	1/2	3,517.31	1/2	3,759.76	1/2		1/2		1/2		1/2		1/2	
3/4	2,732.82	3/4	2,996.14	3/4	3,259.46	3/4	3,522.79	3/4	3,761.98	3/4		3/4		3/4		3/4		3/4	
5	2,738.30	5	3,001.62	5	3,264.94	5	3,528.28	5	3,764.20	5		5		5		5		5	
1/4	2,743.79	1/4	3,007.11	1/4	3,270.43	1/4	3,533.77	1/4	3,765.38	1/4		1/4		1/4		1/4		1/4	
1/2	2,749.28	1/2	3,012.59	1/2	3,275.91	1/2	3,539.25	1/2	3,766.55	1/2		1/2		1/2		1/2		1/2	
3/4	2,754.76	3/4	3,018.08	3/4	3,281.40	3/4	3,544.74	3/4	3,767.73	3/4		3/4		3/4		3/4		3/4	
6	2,760.25	6	3,023.56	6	3,286.88	6	3,550.22	6	3,768.90	6		6		6		6		6	
1/4	2,765.74	1/4	3,029.05	1/4	3,292.37	1/4	3,555.71	1/4	3,769.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,771.22	1/2	3,034.54	1/2	3,297.86	1/2	3,561.20	1/2	3,769.68	1/2		1/2		1/2		1/2		1/2	
3/4	2,776.71	3/4	3,040.02	3/4	3,303.34	3/4	3,566.68	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,782.19	7	3,045.51	7	3,308.83	7	3,572.17	7		7		7		7		7		7	
1/4	2,787.68	1/4	3,051.00	1/4	3,314.32	1/4	3,577.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,793.16	1/2	3,056.48	1/2	3,319.80	1/2	3,583.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,798.65	3/4	3,061.97	3/4	3,325.29	3/4	3,588.63	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,804.13	8	3,067.45	8	3,330.77	8	3,594.12	8		8		8		8		8		8	
1/4	2,809.62	1/4	3,072.94	1/4	3,336.26	1/4	3,599.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,815.11	1/2	3,078.42	1/2	3,341.74	1/2	3,605.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,820.59	3/4	3,083.91	3/4	3,347.23	3/4	3,610.58	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,826.08	9	3,089.39	9	3,352.71	9	3,616.06	9		9		9		9		9		9	
1/4	2,831.57	1/4	3,094.88	1/4	3,358.20	1/4	3,621.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,837.05	1/2	3,100.37	1/2	3,363.68	1/2	3,627.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,842.54	3/4	3,105.85	3/4	3,369.17	3/4	3,632.52	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,848.02	10	3,111.34	10	3,374.65	10	3,638.01	10		10		10		10		10		10	
1/4	2,853.51	1/4	3,116.83	1/4	3,380.14	1/4	3,643.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,858.99	1/2	3,122.31	1/2	3,385.63	1/2	3,648.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,864.48	3/4	3,127.80	3/4	3,391.11	3/4	3,654.47	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,869.96	11	3,133.28	11	3,396.60	11	3,659.96	11		11		11		11		11		11	
1/4	2,875.45	1/4	3,138.77	1/4	3,402.09	1/4	3,665.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,880.94	1/2	3,144.25	1/2	3,407.57	1/2	3,670.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,886.42	3/4	3,149.74	3/4	3,413.06	3/4	3,676.42	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/1998 ITS
DECK MEASUREMENTS: 12/09/2008 SW
REPRINTED: 12/31/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 219"

3 PORT 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.
0	8.61	259.97	520.77	782.77	1,044.09	1,306.26	1,568.43	1,830.60	2,092.77	2,354.94
1/4	12.14	265.42	526.23	788.21	1,049.55	1,311.72	1,573.89	1,836.06	2,098.23	2,360.40
1/2	15.66	270.87	531.70	793.66	1,055.01	1,317.18	1,579.36	1,841.53	2,103.70	2,365.87
3/4	19.19	276.31	537.16	799.10	1,060.47	1,322.64	1,584.82	1,846.99	2,109.16	2,371.33
1	22.71	281.76	542.62	804.54	1,065.93	1,328.10	1,590.28	1,852.45	2,114.62	2,376.79
1/4	27.80	287.21	548.08	809.98	1,071.39	1,333.56	1,595.74	1,857.91	2,120.08	2,382.25
1/2	32.88	292.65	553.55	815.42	1,076.86	1,339.03	1,601.20	1,863.37	2,125.55	2,387.72
3/4	37.97	298.10	559.01	820.86	1,082.32	1,344.49	1,606.66	1,868.83	2,131.01	2,393.18
2	43.05	303.54	564.47	826.30	1,087.78	1,349.95	1,612.12	1,874.29	2,136.47	2,398.64
1/4	48.36	308.99	569.93	831.74	1,093.24	1,355.41	1,617.58	1,879.75	2,141.93	2,404.10
1/2	53.67	314.44	575.40	837.19	1,098.71	1,360.88	1,623.05	1,885.22	2,147.39	2,409.56
3/4	58.98	319.88	580.86	842.63	1,104.17	1,366.34	1,628.51	1,890.68	2,152.85	2,415.02
3	64.29	325.33	586.32	848.07	1,109.63	1,371.80	1,633.97	1,896.14	2,158.31	2,420.48
1/4	69.66	330.78	591.78	853.51	1,115.09	1,377.26	1,639.43	1,901.60	2,163.77	2,425.94
1/2	75.04	336.22	597.25	858.96	1,120.56	1,382.73	1,644.90	1,907.07	2,169.24	2,431.41
3/4	80.41	341.67	602.71	864.40	1,126.02	1,388.19	1,650.36	1,912.53	2,174.70	2,436.87
4	85.78	347.11	608.17	869.84	1,131.48	1,393.65	1,655.82	1,917.99	2,180.16	2,442.33
1/4	91.22	352.53	613.63	875.28	1,136.94	1,399.11	1,661.28	1,923.45	2,185.62	2,447.79
1/2	96.66	357.95	619.09	880.72	1,142.40	1,404.57	1,666.75	1,928.92	2,191.09	2,453.26
3/4	102.09	363.37	624.55	886.16	1,147.86	1,410.03	1,672.21	1,934.38	2,196.55	2,458.72
5	107.53	368.79	630.01	891.60	1,153.32	1,415.49	1,677.67	1,939.84	2,202.01	2,464.18
1/4	112.97	374.20	635.47	897.04	1,158.78	1,420.95	1,683.13	1,945.30	2,207.47	2,469.64
1/2	118.41	379.61	640.94	902.49	1,164.25	1,426.42	1,688.59	1,950.76	2,212.94	2,475.11
3/4	123.85	385.01	646.40	907.93	1,169.71	1,431.88	1,694.05	1,956.22	2,218.40	2,480.57
6	129.29	390.42	651.86	913.37	1,175.17	1,437.34	1,699.51	1,961.68	2,223.86	2,486.03
1/4	134.73	395.83	657.32	918.81	1,180.63	1,442.80	1,704.97	1,967.14	2,229.32	2,491.49
1/2	140.17	401.24	662.79	924.25	1,186.10	1,448.27	1,710.44	1,972.61	2,234.78	2,496.95
3/4	145.60	406.65	668.25	929.69	1,191.56	1,453.73	1,715.90	1,978.07	2,240.24	2,502.41
7	151.04	412.06	673.71	935.13	1,197.02	1,459.19	1,721.36	1,983.53	2,245.70	2,507.87
1/4	156.48	417.47	679.17	940.57	1,202.48	1,464.65	1,726.82	1,988.99	2,251.16	2,513.33
1/2	161.93	422.88	684.63	946.02	1,207.95	1,470.12	1,732.29	1,994.46	2,256.63	2,518.80
3/4	167.37	428.29	690.09	951.46	1,213.41	1,475.58	1,737.75	1,999.92	2,262.09	2,524.26
8	172.81	433.70	695.55	956.90	1,218.87	1,481.04	1,743.21	2,005.38	2,267.55	2,529.72
1/4	178.26	439.11	701.01	962.34	1,224.33	1,486.50	1,748.67	2,010.84	2,273.01	2,535.18
1/2	183.71	444.52	706.47	967.79	1,229.79	1,491.97	1,754.14	2,016.31	2,278.48	2,540.65
3/4	189.15	449.93	711.93	973.23	1,235.25	1,497.43	1,759.60	2,021.77	2,283.94	2,546.11
9	194.60	455.34	717.39	978.67	1,240.71	1,502.89	1,765.06	2,027.23	2,289.40	2,551.57
1/4	200.05	460.78	722.85	984.11	1,246.17	1,508.35	1,770.52	2,032.69	2,294.86	2,557.03
1/2	205.50	466.21	728.31	989.55	1,251.64	1,513.81	1,775.98	2,038.16	2,300.33	2,562.50
3/4	210.95	471.65	733.76	994.99	1,257.10	1,519.27	1,781.44	2,043.62	2,305.79	2,567.96
10	216.40	477.08	739.22	1,000.43	1,262.56	1,524.73	1,786.90	2,049.08	2,311.25	2,573.42
1/4	221.85	482.54	744.67	1,005.88	1,268.02	1,530.19	1,792.36	2,054.54	2,316.71	2,578.88
1/2	227.29	488.01	750.12	1,011.34	1,273.49	1,535.66	1,797.83	2,060.00	2,322.17	2,584.35
3/4	232.74	493.47	755.56	1,016.79	1,278.95	1,541.12	1,803.29	2,065.46	2,327.63	2,589.81
11	238.18	498.93	761.01	1,022.24	1,284.41	1,546.58	1,808.75	2,070.92	2,333.09	2,595.27
1/4	243.63	504.39	766.45	1,027.70	1,289.87	1,552.04	1,814.21	2,076.38	2,338.55	2,600.73
1/2	249.08	509.85	771.89	1,033.17	1,295.34	1,557.51	1,819.68	2,081.85	2,344.02	2,606.19
3/4	254.52	515.31	777.33	1,038.63	1,300.80	1,562.97	1,825.14	2,087.31	2,349.48	2,611.65

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 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.

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BARGE "WEB 219"

3 PORT INNAGE TABLE

GAUGE HEIGHT 14'-09 1/8"

CAPACITIES GIVEN IN WHOLE 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2,617.11	0	2,679.28	0	3,141.46	0	3,403.62	0	3,665.84	0		0		0		0		0	
1/4	2,622.57	1/4	2,884.74	1/4	3,146.92	1/4	3,409.08	1/4	3,671.30	1/4		1/4		1/4		1/4		1/4	
1/2	2,628.04	1/2	2,890.21	1/2	3,152.38	1/2	3,414.55	1/2	3,676.77	1/2		1/2		1/2		1/2		1/2	
3/4	2,633.50	3/4	2,895.67	3/4	3,157.84	3/4	3,420.01	3/4	3,682.23	3/4		3/4		3/4		3/4		3/4	
1	2,638.96	1	2,901.13	1	3,163.30	1	3,425.47	1	3,687.69	1		1		1		1		1	
1/4	2,644.42	1/4	2,906.59	1/4	3,168.76	1/4	3,430.93	1/4	3,692.78	1/4		1/4		1/4		1/4		1/4	
1/2	2,649.89	1/2	2,912.06	1/2	3,174.23	1/2	3,436.40	1/2	3,697.87	1/2		1/2		1/2		1/2		1/2	
3/4	2,655.35	3/4	2,917.52	3/4	3,179.69	3/4	3,441.86	3/4	3,702.96	3/4		3/4		3/4		3/4		3/4	
2	2,660.81	2	2,922.98	2	3,185.15	2	3,447.32	2	3,708.05	2		2		2		2		2	
1/4	2,666.27	1/4	2,928.44	1/4	3,190.61	1/4	3,452.79	1/4	3,712.15	1/4		1/4		1/4		1/4		1/4	
1/2	2,671.74	1/2	2,933.91	1/2	3,196.08	1/2	3,458.25	1/2	3,716.25	1/2		1/2		1/2		1/2		1/2	
3/4	2,677.20	3/4	2,939.37	3/4	3,201.54	3/4	3,463.72	3/4	3,720.34	3/4		3/4		3/4		3/4		3/4	
3	2,682.66	3	2,944.83	3	3,207.00	3	3,469.18	3	3,724.44	3		3		3		3		3	
1/4	2,688.12	1/4	2,950.29	1/4	3,212.46	1/4	3,474.64	1/4	3,727.54	1/4		1/4		1/4		1/4		1/4	
1/2	2,693.58	1/2	2,955.75	1/2	3,217.93	1/2	3,480.11	1/2	3,730.65	1/2		1/2		1/2		1/2		1/2	
3/4	2,699.04	3/4	2,961.21	3/4	3,223.39	3/4	3,485.57	3/4	3,733.75	3/4		3/4		3/4		3/4		3/4	
4	2,704.50	4	2,966.67	4	3,228.85	4	3,491.03	4	3,736.85	4		4		4		4		4	
1/4	2,709.96	1/4	2,972.13	1/4	3,234.31	1/4	3,496.49	1/4	3,738.96	1/4		1/4		1/4		1/4		1/4	
1/2	2,715.43	1/2	2,977.60	1/2	3,239.77	1/2	3,501.96	1/2	3,741.07	1/2		1/2		1/2		1/2		1/2	
3/4	2,720.89	3/4	2,983.06	3/4	3,245.23	3/4	3,507.42	3/4	3,743.18	3/4		3/4		3/4		3/4		3/4	
5	2,726.35	5	2,988.52	5	3,250.69	5	3,512.88	5	3,745.29	5		5		5		5		5	
1/4	2,731.81	1/4	2,993.98	1/4	3,256.15	1/4	3,518.34	1/4	3,746.41	1/4		1/4		1/4		1/4		1/4	
1/2	2,737.28	1/2	2,999.45	1/2	3,261.62	1/2	3,523.81	1/2	3,747.53	1/2		1/2		1/2		1/2		1/2	
3/4	2,742.74	3/4	3,004.91	3/4	3,267.08	3/4	3,529.27	3/4	3,748.64	3/4		3/4		3/4		3/4		3/4	
6	2,748.20	6	3,010.37	6	3,272.54	6	3,534.73	6	3,749.76	6		6		6		6		6	
1/4	2,753.66	1/4	3,015.83	1/4	3,278.00	1/4	3,540.19	1/4	3,750.13	1/4		1/4		1/4		1/4		1/4	
1/2	2,759.13	1/2	3,021.30	1/2	3,283.47	1/2	3,545.66	1/2	3,750.50	1/2		1/2		1/2		1/2		1/2	
3/4	2,764.59	3/4	3,026.76	3/4	3,288.93	3/4	3,551.12	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,770.05	7	3,032.22	7	3,294.39	7	3,556.58	7		7		7		7		7		7	
1/4	2,775.51	1/4	3,037.68	1/4	3,299.85	1/4	3,562.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,780.97	1/2	3,043.14	1/2	3,305.31	1/2	3,567.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,786.43	3/4	3,048.60	3/4	3,310.77	3/4	3,572.97	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,791.89	8	3,054.06	8	3,316.23	8	3,578.43	8		8		8		8		8		8	
1/4	2,797.35	1/4	3,059.52	1/4	3,321.69	1/4	3,583.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,802.82	1/2	3,064.99	1/2	3,327.16	1/2	3,589.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,808.28	3/4	3,070.45	3/4	3,332.62	3/4	3,594.82	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,813.74	9	3,075.91	9	3,338.08	9	3,600.28	9		9		9		9		9		9	
1/4	2,819.20	1/4	3,081.37	1/4	3,343.54	1/4	3,605.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,824.67	1/2	3,086.84	1/2	3,349.01	1/2	3,611.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,830.13	3/4	3,092.30	3/4	3,354.47	3/4	3,616.67	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,835.59	10	3,097.76	10	3,359.93	10	3,622.13	10		10		10		10		10		10	
1/4	2,841.05	1/4	3,103.22	1/4	3,365.39	1/4	3,627.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,846.52	1/2	3,108.69	1/2	3,370.86	1/2	3,633.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,851.98	3/4	3,114.15	3/4	3,376.32	3/4	3,638.53	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,857.44	11	3,119.61	11	3,381.78	11	3,643.99	11		11		11		11		11		11	
1/4	2,862.90	1/4	3,125.07	1/4	3,387.24	1/4	3,649.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,868.36	1/2	3,130.54	1/2	3,392.70	1/2	3,654.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,873.82	3/4	3,136.00	3/4	3,398.16	3/4	3,660.38	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/1998 ITS
DECK MEASUREMENTS: 12/09/2008 SW
REPRINTED: 12/31/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2008

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 219"

3 STBD INNAGE TABLE

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

GAUGE HEIGHT 14'-08 7/8"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	8.64	261.02	522.88	786.01	1,048.84	1,312.06	1,575.28	1,838.50	2,101.73	2,364.95
1/4	12.18	266.49	528.36	791.48	1,054.32	1,317.54	1,580.77	1,843.99	2,107.21	2,370.43
1/2	15.73	271.96	533.85	796.96	1,059.81	1,323.03	1,586.25	1,849.47	2,112.70	2,375.92
3/4	19.27	277.43	539.33	802.43	1,065.29	1,328.51	1,591.74	1,854.96	2,118.18	2,381.40
1	22.81	282.90	544.81	807.90	1,070.77	1,333.99	1,597.22	1,860.44	2,123.66	2,386.88
1/4	27.91	288.37	550.30	813.38	1,076.26	1,339.48	1,602.70	1,865.92	2,129.15	2,392.37
1/2	33.02	293.84	555.78	818.85	1,081.74	1,344.96	1,608.19	1,871.41	2,134.63	2,397.85
3/4	38.12	299.30	561.27	824.33	1,087.23	1,350.45	1,613.67	1,876.89	2,140.12	2,403.34
2	43.22	304.77	566.75	829.80	1,092.71	1,355.93	1,619.15	1,882.37	2,145.60	2,408.82
1/4	48.55	310.24	572.24	835.28	1,098.19	1,361.41	1,624.64	1,887.86	2,151.08	2,414.30
1/2	53.89	315.71	577.72	840.75	1,103.68	1,366.90	1,630.12	1,893.34	2,156.57	2,419.79
3/4	59.22	321.17	583.21	846.23	1,109.16	1,372.38	1,635.61	1,898.83	2,162.05	2,425.27
3	64.55	326.64	588.69	851.70	1,114.64	1,377.86	1,641.09	1,904.31	2,167.53	2,430.75
1/4	69.95	332.11	594.17	857.18	1,120.13	1,383.35	1,646.57	1,909.79	2,173.02	2,436.24
1/2	75.34	337.58	599.66	862.65	1,125.61	1,388.83	1,652.06	1,915.28	2,178.50	2,441.72
3/4	80.74	343.05	605.14	868.13	1,131.10	1,394.32	1,657.54	1,920.76	2,183.99	2,447.21
4	86.13	348.52	610.62	873.60	1,136.58	1,399.80	1,663.02	1,926.24	2,189.47	2,452.69
1/4	91.59	353.96	616.11	879.08	1,142.06	1,405.29	1,668.51	1,931.73	2,194.95	2,458.17
1/2	97.05	359.40	621.59	884.55	1,147.55	1,410.77	1,673.99	1,937.21	2,200.44	2,463.66
3/4	102.51	364.84	627.08	890.03	1,153.03	1,416.26	1,679.48	1,942.70	2,205.92	2,469.14
5	107.97	370.28	632.56	895.50	1,158.51	1,421.74	1,684.96	1,948.18	2,211.40	2,474.62
1/4	113.43	375.71	638.04	900.97	1,164.00	1,427.22	1,690.44	1,953.67	2,216.89	2,480.11
1/2	118.89	381.14	643.53	906.45	1,169.48	1,432.71	1,695.93	1,959.15	2,222.37	2,485.59
3/4	124.35	386.57	649.01	911.92	1,174.97	1,438.19	1,701.41	1,964.64	2,227.86	2,491.08
6	129.81	392.00	654.49	917.39	1,180.45	1,443.67	1,706.89	1,970.12	2,233.34	2,496.56
1/4	135.27	397.43	659.98	922.87	1,185.93	1,449.16	1,712.38	1,975.60	2,238.82	2,502.05
1/2	140.73	402.87	665.46	928.34	1,191.42	1,454.64	1,717.86	1,981.09	2,244.31	2,507.53
3/4	146.19	408.30	670.95	933.82	1,196.90	1,460.13	1,723.35	1,986.57	2,249.79	2,513.02
7	151.65	413.73	676.43	939.29	1,202.38	1,465.61	1,728.83	1,992.05	2,255.27	2,518.50
1/4	157.12	419.16	681.91	944.77	1,207.87	1,471.09	1,734.31	1,997.54	2,260.76	2,523.98
1/2	162.58	424.59	687.39	950.24	1,213.35	1,476.58	1,739.80	2,003.02	2,266.24	2,529.47
3/4	168.05	430.02	692.87	955.72	1,218.84	1,482.06	1,745.28	2,008.51	2,271.73	2,534.95
8	173.51	435.45	698.35	961.19	1,224.32	1,487.54	1,750.76	2,013.99	2,277.21	2,540.43
1/4	178.98	440.88	703.83	966.67	1,229.80	1,493.03	1,756.25	2,019.47	2,282.69	2,545.92
1/2	184.45	446.32	709.32	972.14	1,235.29	1,498.51	1,761.73	2,024.96	2,288.18	2,551.40
3/4	189.92	451.75	714.80	977.62	1,240.77	1,504.00	1,767.22	2,030.44	2,293.66	2,556.89
9	195.39	457.18	720.28	983.09	1,246.25	1,509.48	1,772.70	2,035.92	2,299.14	2,562.37
1/4	200.86	462.64	725.76	988.57	1,251.74	1,514.96	1,778.18	2,041.41	2,304.63	2,567.85
1/2	206.33	468.10	731.24	994.04	1,257.22	1,520.45	1,783.67	2,046.89	2,310.11	2,573.34
3/4	211.80	473.55	736.72	999.52	1,262.71	1,525.93	1,789.15	2,052.38	2,315.60	2,578.82
10	217.27	479.01	742.20	1,004.99	1,268.19	1,531.41	1,794.63	2,057.86	2,321.08	2,584.30
1/4	222.74	484.49	747.68	1,010.47	1,273.67	1,536.90	1,800.12	2,063.34	2,326.56	2,589.79
1/2	228.21	489.98	753.16	1,015.95	1,279.16	1,542.38	1,805.60	2,068.83	2,332.05	2,595.27
3/4	233.68	495.46	758.63	1,021.42	1,284.64	1,547.87	1,811.09	2,074.31	2,337.53	2,600.76
11	239.15	500.94	764.11	1,026.90	1,290.12	1,553.35	1,816.57	2,079.79	2,343.01	2,606.24
1/4	244.62	506.43	769.59	1,032.39	1,295.61	1,558.83	1,822.05	2,085.28	2,348.50	2,611.72
1/2	250.09	511.91	775.06	1,037.87	1,301.09	1,564.32	1,827.54	2,090.76	2,353.98	2,617.21
3/4	255.55	517.40	780.54	1,043.36	1,306.58	1,569.80	1,833.02	2,096.25	2,359.47	2,622.69

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
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
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BARGE "WEB 219"

**3 STBD
INNAGE TABLE**

GAUGE HEIGHT 14'-08 7/8"

CAPACITIES GIVEN IN WHOLE 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.
0	2,628.17	2,891.39	3,154.62	3,417.84	3,681.10					
1/4	2,633.66	2,896.88	3,160.10	3,423.33	3,686.59					
1/2	2,639.14	2,902.36	3,165.59	3,428.81	3,692.07					
3/4	2,644.63	2,907.85	3,171.07	3,434.30	3,697.56					
1	2,650.11	2,913.33	3,176.55	3,439.78	3,703.04					
1/4	2,655.59	2,918.81	3,182.04	3,445.27	3,707.96					
1/2	2,661.08	2,924.30	3,187.52	3,450.75	3,712.87					
3/4	2,666.56	2,929.78	3,193.01	3,456.24	3,717.79					
2	2,672.04	2,935.26	3,198.49	3,461.72	3,722.70					
1/4	2,677.53	2,940.75	3,203.97	3,467.20	3,726.70					
1/2	2,683.01	2,946.23	3,209.46	3,472.69	3,730.70					
3/4	2,688.50	2,951.72	3,214.94	3,478.17	3,734.69					
3	2,693.98	2,957.20	3,220.42	3,483.65	3,738.69					
1/4	2,699.46	2,962.68	3,225.91	3,489.14	3,741.78					
1/2	2,704.95	2,968.17	3,231.39	3,494.62	3,744.86					
3/4	2,710.43	2,973.65	3,236.88	3,500.11	3,747.95					
4	2,715.91	2,979.13	3,242.36	3,505.59	3,751.03					
1/4	2,721.40	2,984.62	3,247.84	3,511.08	3,753.20					
1/2	2,726.88	2,990.10	3,253.33	3,516.56	3,755.37					
3/4	2,732.37	2,995.59	3,258.81	3,522.05	3,757.54					
5	2,737.85	3,001.07	3,264.29	3,527.53	3,759.71					
1/4	2,743.33	3,006.55	3,269.78	3,533.02	3,760.97					
1/2	2,748.82	3,012.04	3,275.26	3,538.50	3,762.23					
3/4	2,754.30	3,017.52	3,280.75	3,543.99	3,763.48					
6	2,759.78	3,023.00	3,286.23	3,549.47	3,764.74					
1/4	2,765.27	3,028.49	3,291.71	3,554.96	3,765.19					
1/2	2,770.75	3,033.97	3,297.20	3,560.44	3,765.65					
3/4	2,776.24	3,039.46	3,302.68	3,565.93	3,766.10					
7	2,781.72	3,044.94	3,308.16	3,571.41						
1/4	2,787.20	3,050.43	3,313.65	3,576.90						
1/2	2,792.69	3,055.91	3,319.13	3,582.38						
3/4	2,798.17	3,061.40	3,324.62	3,587.87						
8	2,803.65	3,066.88	3,330.10	3,593.35						
1/4	2,809.14	3,072.36	3,335.58	3,598.84						
1/2	2,814.62	3,077.85	3,341.07	3,604.32						
3/4	2,820.11	3,083.33	3,346.55	3,609.81						
9	2,825.59	3,088.81	3,352.03	3,615.29						
1/4	2,831.07	3,094.30	3,357.52	3,620.78						
1/2	2,836.56	3,099.78	3,363.00	3,626.26						
3/4	2,842.04	3,105.27	3,368.49	3,631.75						
10	2,847.52	3,110.75	3,373.97	3,637.23						
1/4	2,853.01	3,116.23	3,379.45	3,642.71						
1/2	2,858.49	3,121.72	3,384.94	3,648.20						
3/4	2,863.98	3,127.20	3,390.42	3,653.68						
11	2,869.46	3,132.68	3,395.90	3,659.16						
1/4	2,874.94	3,138.17	3,401.39	3,664.65						
1/2	2,880.43	3,143.65	3,406.87	3,670.13						
3/4	2,885.91	3,149.14	3,412.36	3,675.62						

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/1998 ITS
DECK MEASUREMENTS: 12/09/2008 SW
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BARGE "WEB 219"

4 CENTER INNAGE TABLE

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

GAUGE HEIGHT 15'-00 5/8"

#	0 FT.	#	1 FT.	#	2 FT.	#	3 FT.	#	4 FT.	#	5 FT.	#	6 FT.	#	7 FT.	#	8 FT.	#	9 FT.
0	0.42	0	414.02	0	889.79	0	1,367.77	0	1,845.05	0	2,323.08	0	2,801.11	0	3,279.14	0	3,757.16	0	4,199.39
1/4	2.08	1/4	423.95	1/4	899.75	1/4	1,377.71	1/4	1,855.01	1/4	2,333.04	1/4	2,811.07	1/4	3,289.10	1/4	3,767.12	1/4	4,207.79
1/2	3.73	1/2	433.88	1/2	909.71	1/2	1,387.66	1/2	1,864.97	1/2	2,343.00	1/2	2,821.03	1/2	3,299.06	1/2	3,777.08	1/2	4,216.20
3/4	5.39	3/4	443.81	3/4	919.67	3/4	1,397.60	3/4	1,874.93	3/4	2,352.96	3/4	2,830.98	3/4	3,309.01	3/4	3,787.04	3/4	4,224.60
1	7.04	1	453.74	1	929.63	1	1,407.54	1	1,884.89	1	2,362.92	1	2,840.94	1	3,318.97	1	3,797.00	1	4,233.00
1/4	11.95	1/4	463.67	1/4	939.59	1/4	1,417.49	1/4	1,894.85	1/4	2,372.88	1/4	2,850.90	1/4	3,328.93	1/4	3,806.96	1/4	4,241.40
1/2	16.86	1/2	473.60	1/2	949.55	1/2	1,427.43	1/2	1,904.81	1/2	2,382.84	1/2	2,860.86	1/2	3,338.89	1/2	3,816.92	1/2	4,249.81
3/4	21.76	3/4	483.53	3/4	959.50	3/4	1,437.38	3/4	1,914.76	3/4	2,392.79	3/4	2,870.82	3/4	3,348.85	3/4	3,826.87	3/4	4,258.21
2	26.67	2	493.46	2	969.46	2	1,447.32	2	1,924.72	2	2,402.75	2	2,880.78	2	3,358.81	2	3,836.83	2	4,266.61
1/4	34.69	1/4	503.42	1/4	979.42	1/4	1,457.26	1/4	1,934.68	1/4	2,412.71	1/4	2,890.74	1/4	3,368.77	1/4	3,846.79	1/4	4,275.01
1/2	42.71	1/2	513.38	1/2	989.38	1/2	1,467.21	1/2	1,944.64	1/2	2,422.67	1/2	2,900.70	1/2	3,378.73	1/2	3,856.75	1/2	4,283.42
3/4	50.73	3/4	523.34	3/4	999.34	3/4	1,477.15	3/4	1,954.60	3/4	2,432.63	3/4	2,910.65	3/4	3,388.68	3/4	3,866.71	3/4	4,291.82
3	58.75	3	533.30	3	1,009.30	3	1,487.09	3	1,964.56	3	2,442.59	3	2,920.61	3	3,398.64	3	3,876.67	3	4,300.22
1/4	68.43	1/4	543.26	1/4	1,019.26	1/4	1,497.03	1/4	1,974.52	1/4	2,452.55	1/4	2,930.57	1/4	3,408.60	1/4	3,886.63	1/4	4,308.62
1/2	78.11	1/2	553.22	1/2	1,029.22	1/2	1,506.98	1/2	1,984.48	1/2	2,462.51	1/2	2,940.53	1/2	3,418.56	1/2	3,896.59	1/2	4,317.03
3/4	87.79	3/4	563.18	3/4	1,039.18	3/4	1,516.92	3/4	1,994.44	3/4	2,472.46	3/4	2,950.49	3/4	3,428.52	3/4	3,906.54	3/4	4,325.43
4	97.47	4	573.14	4	1,049.14	4	1,526.86	4	2,004.40	4	2,482.42	4	2,960.45	4	3,438.48	4	3,916.50	4	4,333.83
1/4	107.15	1/4	583.10	1/4	1,059.10	1/4	1,536.81	1/4	2,014.36	1/4	2,492.38	1/4	2,970.41	1/4	3,448.44	1/4	3,926.46	1/4	4,342.23
1/2	116.83	1/2	593.06	1/2	1,069.06	1/2	1,546.75	1/2	2,024.32	1/2	2,502.34	1/2	2,980.37	1/2	3,458.40	1/2	3,936.42	1/2	4,350.64
3/4	126.50	3/4	603.02	3/4	1,079.01	3/4	1,556.70	3/4	2,034.27	3/4	2,512.30	3/4	2,990.33	3/4	3,468.35	3/4	3,946.38	3/4	4,359.04
5	136.18	5	612.98	5	1,088.97	5	1,566.64	5	2,044.23	5	2,522.26	5	3,000.29	5	3,478.31	5	3,956.34	5	4,367.44
1/4	146.10	1/4	622.92	1/4	1,098.93	1/4	1,576.58	1/4	2,054.19	1/4	2,532.22	1/4	3,010.25	1/4	3,488.27	1/4	3,966.30	1/4	4,375.84
1/2	156.01	1/2	632.85	1/2	1,108.89	1/2	1,586.53	1/2	2,064.15	1/2	2,542.18	1/2	3,020.21	1/2	3,498.23	1/2	3,976.26	1/2	4,384.25
3/4	165.93	3/4	642.79	3/4	1,118.85	3/4	1,596.47	3/4	2,074.11	3/4	2,552.13	3/4	3,030.16	3/4	3,508.19	3/4	3,986.22	3/4	4,392.65
6	175.84	6	652.72	6	1,128.81	6	1,606.41	6	2,084.07	6	2,562.09	6	3,040.12	6	3,518.15	6	3,996.18	6	4,401.05
1/4	185.76	1/4	662.68	1/4	1,138.77	1/4	1,616.36	1/4	2,094.03	1/4	2,572.05	1/4	3,050.08	1/4	3,528.11	1/4	4,006.14	1/4	4,409.45
1/2	195.67	1/2	672.44	1/2	1,148.73	1/2	1,626.30	1/2	2,103.99	1/2	2,582.01	1/2	3,060.04	1/2	3,538.07	1/2	4,016.10	1/2	4,417.86
3/4	205.59	3/4	682.30	3/4	1,158.69	3/4	1,636.25	3/4	2,113.94	3/4	2,591.97	3/4	3,070.00	3/4	3,548.02	3/4	4,026.05	3/4	4,426.26
7	215.50	7	692.16	7	1,168.65	7	1,646.19	7	2,123.90	7	2,601.93	7	3,079.96	7	3,557.98	7	4,036.01	7	4,434.66
1/4	225.42	1/4	702.02	1/4	1,178.61	1/4	1,656.13	1/4	2,133.86	1/4	2,611.89	1/4	3,089.92	1/4	3,567.94	1/4	4,046.00	1/4	4,443.06
1/2	235.33	1/2	711.89	1/2	1,188.57	1/2	1,666.08	1/2	2,143.82	1/2	2,621.85	1/2	3,099.88	1/2	3,577.90	1/2	4,056.00	1/2	4,451.47
3/4	245.25	3/4	721.75	3/4	1,198.52	3/4	1,676.02	3/4	2,153.78	3/4	2,631.81	3/4	3,109.83	3/4	3,587.86	3/4	4,066.00	3/4	4,459.87
8	255.16	8	731.61	8	1,208.48	8	1,685.96	8	2,163.74	8	2,641.77	8	3,119.79	8	3,597.82	8	4,076.00	8	4,468.27
1/4	265.08	1/4	741.47	1/4	1,218.44	1/4	1,695.90	1/4	2,173.70	1/4	2,651.73	1/4	3,129.75	1/4	3,607.78	1/4	4,086.00	1/4	4,476.67
1/2	274.99	1/2	751.34	1/2	1,228.39	1/2	1,705.85	1/2	2,183.66	1/2	2,661.69	1/2	3,139.71	1/2	3,617.74	1/2	4,096.00	1/2	4,485.08
3/4	284.91	3/4	761.20	3/4	1,238.35	3/4	1,715.79	3/4	2,193.61	3/4	2,671.64	3/4	3,149.67	3/4	3,627.70	3/4	4,106.00	3/4	4,493.48
9	294.82	9	771.06	9	1,248.30	9	1,725.73	9	2,203.57	9	2,681.60	9	3,159.63	9	3,637.66	9	4,116.00	9	4,501.88
1/4	304.76	1/4	780.92	1/4	1,258.25	1/4	1,735.68	1/4	2,213.53	1/4	2,691.56	1/4	3,169.59	1/4	3,647.62	1/4	4,126.00	1/4	4,510.28
1/2	314.69	1/2	790.78	1/2	1,268.21	1/2	1,745.62	1/2	2,223.49	1/2	2,701.52	1/2	3,179.55	1/2	3,657.58	1/2	4,136.00	1/2	4,518.69
3/4	324.63	3/4	800.64	3/4	1,278.16	3/4	1,755.57	3/4	2,233.45	3/4	2,711.48	3/4	3,189.50	3/4	3,667.53	3/4	4,146.00	3/4	4,527.09
10	334.56	10	810.50	10	1,288.11	10	1,765.51	10	2,243.41	10	2,721.44	10	3,199.46	10	3,677.49	10	4,156.00	10	4,535.49
1/4	344.49	1/4	820.36	1/4	1,298.07	1/4	1,775.45	1/4	2,253.37	1/4	2,731.40	1/4	3,209.42	1/4	3,687.45	1/4	4,166.00	1/4	4,543.89
1/2	354.43	1/2	830.23	1/2	1,308.03	1/2	1,785.40	1/2	2,263.33	1/2	2,741.36	1/2	3,219.38	1/2	3,697.41	1/2	4,176.00	1/2	4,552.30
3/4	364.36	3/4	840.09	3/4	1,317.99	3/4	1,795.34	3/4	2,273.29	3/4	2,751.31	3/4	3,229.34	3/4	3,707.37	3/4	4,186.00	3/4	4,560.70
11	374.29	11	849.95	11	1,327.95	11	1,805.28	11	2,283.25	11	2,761.27	11	3,239.30	11	3,717.33	11	4,196.00	11	4,569.10
1/4	384.22	1/4	859.91	1/4	1,337.91	1/4	1,815.22	1/4	2,293.21	1/4	2,771.23	1/4	3,249.26	1/4	3,727.29	1/4	4,206.00	1/4	4,577.50
1/2	394.16	1/2	869.87	1/2	1,347.86	1/2	1,825.17	1/2	2,303.17	1/2	2,781.19	1/2	3,259.22	1/2	3,737.25	1/2	4,216.00	1/2	4,585.91
3/4	404.09	3/4	879.83	3/4	1,357.82	3/4	1,835.11	3/4	2,313.12	3/4	2,791.15	3/4	3,269.18	3/4	3,747.20	3/4	4,226.00	3/4	4,594.31

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 00'-09" 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 219"

4 CENTER INNAGE TABLE

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

GAUGE HEIGHT 15'-00 5/8"

HT	10 FT.	HT	11 FT.	HT	12 FT.	HT	13 FT.	HT	14 FT.	HT	15 FT.	HT	16 FT.	HT	17 FT.	HT	18 FT.	HT	19 FT.
0	4,602.71	0	5,043.43	0	5,201.04	0	5,344.72	0	5,488.47	0		0		0		0		0	
1/4	4,611.11	1/4	5,049.91	1/4	5,204.03	1/4	5,347.71	1/4	5,491.47	1/4		1/4		1/4		1/4		1/4	
1/2	4,619.52	1/2	5,056.39	1/2	5,207.03	1/2	5,350.71	1/2	5,494.46	1/2		1/2		1/2		1/2		1/2	
3/4	4,627.92	3/4	5,062.86	3/4	5,210.02	3/4	5,353.70	3/4	5,497.46	3/4		3/4		3/4		3/4		3/4	
1	4,636.32	1	5,069.34	1	5,213.01	1	5,356.69	1	5,500.45	1		1		1		1		1	
1/4	4,644.72	1/4	5,072.33	1/4	5,216.01	1/4	5,359.69	1/4	5,503.45	1/4		1/4		1/4		1/4		1/4	
1/2	4,653.13	1/2	5,075.33	1/2	5,219.00	1/2	5,362.68	1/2	5,506.44	1/2		1/2		1/2		1/2		1/2	
3/4	4,661.53	3/4	5,078.32	3/4	5,222.00	3/4	5,365.68	3/4	5,509.44	3/4		3/4		3/4		3/4		3/4	
2	4,669.93	2	5,081.31	2	5,224.99	2	5,368.67	2	5,512.43	2		2		2		2		2	
1/4	4,678.33	1/4	5,084.30	1/4	5,227.98	1/4	5,371.67	1/4	5,515.39	1/4		1/4		1/4		1/4		1/4	
1/2	4,686.74	1/2	5,087.30	1/2	5,230.98	1/2	5,374.66	1/2	5,518.34	1/2		1/2		1/2		1/2		1/2	
3/4	4,695.14	3/4	5,090.29	3/4	5,233.97	3/4	5,377.66	3/4	5,521.30	3/4		3/4		3/4		3/4		3/4	
3	4,703.54	3	5,093.28	3	5,236.96	3	5,380.65	3	5,524.25	3		3		3		3		3	
1/4	4,711.94	1/4	5,096.28	1/4	5,239.95	1/4	5,383.65	1/4	5,526.69	1/4		1/4		1/4		1/4		1/4	
1/2	4,720.35	1/2	5,099.27	1/2	5,242.95	1/2	5,386.64	1/2	5,529.14	1/2		1/2		1/2		1/2		1/2	
3/4	4,728.75	3/4	5,102.27	3/4	5,245.94	3/4	5,389.64	3/4	5,531.58	3/4		3/4		3/4		3/4		3/4	
4	4,737.15	4	5,105.26	4	5,248.93	4	5,392.63	4	5,534.02	4		4		4		4		4	
1/4	4,745.55	1/4	5,108.25	1/4	5,251.93	1/4	5,395.63	1/4	5,535.83	1/4		1/4		1/4		1/4		1/4	
1/2	4,753.96	1/2	5,111.25	1/2	5,254.92	1/2	5,398.62	1/2	5,537.65	1/2		1/2		1/2		1/2		1/2	
3/4	4,762.36	3/4	5,114.24	3/4	5,257.92	3/4	5,401.62	3/4	5,539.46	3/4		3/4		3/4		3/4		3/4	
5	4,770.76	5	5,117.23	5	5,260.91	5	5,404.61	5	5,541.27	5		5		5		5		5	
1/4	4,779.16	1/4	5,120.22	1/4	5,263.90	1/4	5,407.61	1/4	5,542.45	1/4		1/4		1/4		1/4		1/4	
1/2	4,787.57	1/2	5,123.22	1/2	5,266.90	1/2	5,410.60	1/2	5,543.64	1/2		1/2		1/2		1/2		1/2	
3/4	4,795.97	3/4	5,126.21	3/4	5,269.89	3/4	5,413.60	3/4	5,544.82	3/4		3/4		3/4		3/4		3/4	
6	4,804.37	6	5,129.20	6	5,272.88	6	5,416.59	6	5,546.00	6		6		6		6		6	
1/4	4,814.33	1/4	5,132.20	1/4	5,275.87	1/4	5,419.59	1/4	5,546.55	1/4		1/4		1/4		1/4		1/4	
1/2	4,824.29	1/2	5,135.19	1/2	5,278.87	1/2	5,422.58	1/2	5,547.10	1/2		1/2		1/2		1/2		1/2	
3/4	4,834.25	3/4	5,138.19	3/4	5,281.86	3/4	5,425.58	3/4	5,547.65	3/4		3/4		3/4		3/4		3/4	
7	4,844.21	7	5,141.18	7	5,284.85	7	5,428.57	7	5,548.20	7		7		7		7		7	
1/4	4,854.17	1/4	5,144.17	1/4	5,287.85	1/4	5,431.57	1/4	5,548.35	1/4		1/4		1/4		1/4		1/4	
1/2	4,864.13	1/2	5,147.17	1/2	5,290.84	1/2	5,434.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,874.09	3/4	5,150.16	3/4	5,293.84	3/4	5,437.56	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,884.05	8	5,153.15	8	5,296.83	8	5,440.55	8		8		8		8		8		8	
1/4	4,894.01	1/4	5,156.14	1/4	5,299.82	1/4	5,443.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,903.98	1/2	5,159.14	1/2	5,302.82	1/2	5,446.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,913.94	3/4	5,162.13	3/4	5,305.81	3/4	5,449.54	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,923.90	9	5,165.12	9	5,308.80	9	5,452.53	9		9		9		9		9		9	
1/4	4,933.86	1/4	5,168.12	1/4	5,311.79	1/4	5,455.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,943.82	1/2	5,171.11	1/2	5,314.79	1/2	5,458.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,953.78	3/4	5,174.11	3/4	5,317.78	3/4	5,461.52	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,963.74	10	5,177.10	10	5,320.77	10	5,464.51	10		10		10		10		10		10	
1/4	4,973.70	1/4	5,180.09	1/4	5,323.76	1/4	5,467.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,983.66	1/2	5,183.09	1/2	5,326.76	1/2	5,470.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,993.62	3/4	5,186.08	3/4	5,329.75	3/4	5,473.50	3/4		3/4		3/4		3/4		3/4		3/4	
11	5,003.58	11	5,189.07	11	5,332.74	11	5,476.49	11		11		11		11		11		11	
1/4	5,013.54	1/4	5,192.06	1/4	5,335.74	1/4	5,479.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,023.51	1/2	5,195.06	1/2	5,338.73	1/2	5,482.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,033.47	3/4	5,198.05	3/4	5,341.73	3/4	5,485.48	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/02/1998 ITS
DECK MEASUREMENTS: 12/09/2008 SW
REPRINTED: 12/31/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2008

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