



BARGE "WEB 314"

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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
4 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8

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

LENGTH BETWEEN DRAFT MARKS: 234'-00"

April 3, 2012.

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

<http://www.pmacorp.net>



BARGE "WEB 314"

1 CENTER INNAGE TABLE

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

GAUGE HEIGHT 16'-11 7/8"

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	7.94	0	412.62	0	914.07	0	1,441.38	0	1,968.72	0	2,496.14	0	3,023.56	0	3,550.98	0	4,078.40	0	4,605.82
1/4	12.26	1/4	422.66	1/4	925.06	1/4	1,452.37	1/4	1,979.71	1/4	2,507.13	1/4	3,034.55	1/4	3,561.97	1/4	4,089.39	1/4	4,616.81
1/2	16.59	1/2	432.29	1/2	936.05	1/2	1,463.36	1/2	1,990.70	1/2	2,518.12	1/2	3,045.54	1/2	3,572.96	1/2	4,100.38	1/2	4,627.80
3/4	20.91	3/4	442.03	3/4	947.04	3/4	1,474.34	3/4	2,001.68	3/4	2,529.10	3/4	3,056.52	3/4	3,583.94	3/4	4,111.36	3/4	4,638.78
1	25.23	1	451.76	1	958.03	1	1,485.32	1	2,012.67	1	2,540.09	1	3,067.51	1	3,594.93	1	4,122.35	1	4,649.77
1 1/4	32.10	1 1/4	461.63	1 1/4	969.02	1 1/4	1,496.30	1 1/4	2,023.66	1 1/4	2,551.08	1 1/4	3,078.60	1 1/4	3,605.92	1 1/4	4,133.34	1 1/4	4,660.76
1 1/2	39.98	1 1/2	471.60	1 1/2	980.01	1 1/2	1,507.29	1 1/2	2,034.65	1 1/2	2,562.07	1 1/2	3,089.49	1 1/2	3,616.81	1 1/2	4,144.33	1 1/2	4,671.75
1 3/4	45.85	1 3/4	481.36	1 3/4	990.99	1 3/4	1,518.27	1 3/4	2,045.63	1 3/4	2,573.05	1 3/4	3,100.47	1 3/4	3,627.89	1 3/4	4,155.31	1 3/4	4,682.73
2	52.72	2	491.23	2	1,001.98	2	1,529.26	2	2,056.62	2	2,584.04	2	3,111.46	2	3,638.88	2	4,166.30	2	4,693.72
2 1/4	61.12	2 1/4	501.23	2 1/4	1,012.97	2 1/4	1,540.24	2 1/4	2,067.61	2 1/4	2,595.03	2 1/4	3,122.46	2 1/4	3,649.87	2 1/4	4,177.29	2 1/4	4,704.71
2 1/2	69.63	2 1/2	511.24	2 1/2	1,023.96	2 1/2	1,551.22	2 1/2	2,078.60	2 1/2	2,606.02	2 1/2	3,133.44	2 1/2	3,660.86	2 1/2	4,188.28	2 1/2	4,715.70
2 3/4	77.93	2 3/4	521.24	2 3/4	1,034.94	2 3/4	1,562.21	2 3/4	2,089.59	2 3/4	2,617.00	2 3/4	3,144.42	2 3/4	3,671.84	2 3/4	4,199.26	2 3/4	4,726.68
3	86.33	3	531.24	3	1,045.93	3	1,573.19	3	2,100.68	3	2,627.99	3	3,155.41	3	3,682.83	3	4,210.25	3	4,737.67
3 1/4	94.87	3 1/4	541.39	3 1/4	1,056.92	3 1/4	1,584.17	3 1/4	2,111.57	3 1/4	2,638.98	3 1/4	3,166.40	3 1/4	3,693.82	3 1/4	4,221.24	3 1/4	4,748.66
3 1/2	103.41	3 1/2	551.51	3 1/2	1,067.94	3 1/2	1,595.18	3 1/2	2,122.66	3 1/2	2,649.97	3 1/2	3,177.39	3 1/2	3,704.81	3 1/2	4,232.23	3 1/2	4,759.65
3 3/4	111.94	3 3/4	561.65	3 3/4	1,078.89	3 3/4	1,606.14	3 3/4	2,133.54	3 3/4	2,660.96	3 3/4	3,188.38	3 3/4	3,715.79	3 3/4	4,243.21	3 3/4	4,770.63
4	120.48	4	571.78	4	1,089.89	4	1,617.12	4	2,144.53	4	2,671.96	4	3,199.37	4	3,726.78	4	4,254.20	4	4,781.62
4 1/4	129.15	4 1/4	582.05	4 1/4	1,100.87	4 1/4	1,628.11	4 1/4	2,155.52	4 1/4	2,682.94	4 1/4	3,210.36	4 1/4	3,737.77	4 1/4	4,265.19	4 1/4	4,792.61
4 1/2	137.82	4 1/2	592.32	4 1/2	1,111.86	4 1/2	1,639.09	4 1/2	2,166.51	4 1/2	2,693.93	4 1/2	3,221.35	4 1/2	3,748.76	4 1/2	4,276.18	4 1/2	4,803.60
4 3/4	146.48	4 3/4	602.68	4 3/4	1,122.84	4 3/4	1,650.08	4 3/4	2,177.49	4 3/4	2,704.91	4 3/4	3,232.33	4 3/4	3,759.76	4 3/4	4,287.17	4 3/4	4,814.58
5	155.15	5	612.86	5	1,133.83	5	1,661.06	5	2,188.48	5	2,715.90	5	3,243.32	5	3,770.74	5	4,298.16	5	4,825.57
5 1/4	163.96	5 1/4	623.26	5 1/4	1,144.82	5 1/4	1,672.05	5 1/4	2,199.47	5 1/4	2,726.89	5 1/4	3,254.31	5 1/4	3,781.73	5 1/4	4,309.15	5 1/4	4,836.56
5 1/2	172.76	5 1/2	633.66	5 1/2	1,155.80	5 1/2	1,683.04	5 1/2	2,210.46	5 1/2	2,737.88	5 1/2	3,265.30	5 1/2	3,792.72	5 1/2	4,320.14	5 1/2	4,847.56
5 3/4	181.57	5 3/4	644.06	5 3/4	1,166.79	5 3/4	1,694.02	5 3/4	2,221.44	5 3/4	2,748.86	5 3/4	3,276.28	5 3/4	3,803.70	5 3/4	4,331.12	5 3/4	4,858.54
6	190.37	6	654.46	6	1,177.77	6	1,705.01	6	2,232.43	6	2,759.85	6	3,287.27	6	3,814.69	6	4,342.11	6	4,869.53
6 1/4	199.31	6 1/4	664.89	6 1/4	1,188.76	6 1/4	1,716.00	6 1/4	2,243.42	6 1/4	2,770.84	6 1/4	3,298.26	6 1/4	3,825.68	6 1/4	4,353.10	6 1/4	4,880.52
6 1/2	208.24	6 1/2	675.53	6 1/2	1,199.74	6 1/2	1,726.99	6 1/2	2,254.41	6 1/2	2,781.83	6 1/2	3,309.25	6 1/2	3,836.67	6 1/2	4,364.09	6 1/2	4,891.51
6 3/4	217.18	6 3/4	686.06	6 3/4	1,210.72	6 3/4	1,737.97	6 3/4	2,265.39	6 3/4	2,792.81	6 3/4	3,320.23	6 3/4	3,847.65	6 3/4	4,375.07	6 3/4	4,902.49
7	226.11	7	696.59	7	1,221.70	7	1,748.96	7	2,276.38	7	2,803.80	7	3,331.22	7	3,858.64	7	4,386.06	7	4,913.48
7 1/4	235.16	7 1/4	707.26	7 1/4	1,232.69	7 1/4	1,759.95	7 1/4	2,287.37	7 1/4	2,814.79	7 1/4	3,342.21	7 1/4	3,869.63	7 1/4	4,397.05	7 1/4	4,924.47
7 1/2	244.26	7 1/2	717.93	7 1/2	1,243.67	7 1/2	1,770.94	7 1/2	2,298.36	7 1/2	2,825.78	7 1/2	3,353.20	7 1/2	3,880.62	7 1/2	4,408.04	7 1/2	4,935.46
7 3/4	253.32	7 3/4	728.59	7 3/4	1,254.66	7 3/4	1,781.92	7 3/4	2,309.34	7 3/4	2,836.76	7 3/4	3,364.18	7 3/4	3,891.60	7 3/4	4,419.02	7 3/4	4,946.44
8	262.39	8	739.26	8	1,265.64	8	1,792.91	8	2,320.33	8	2,847.75	8	3,375.17	8	3,902.59	8	4,430.01	8	4,957.43
8 1/4	271.59	8 1/4	750.08	8 1/4	1,276.62	8 1/4	1,803.90	8 1/4	2,331.32	8 1/4	2,859.74	8 1/4	3,386.16	8 1/4	3,913.58	8 1/4	4,441.00	8 1/4	4,968.42
8 1/2	280.80	8 1/2	760.87	8 1/2	1,287.61	8 1/2	1,814.89	8 1/2	2,342.31	8 1/2	2,869.73	8 1/2	3,397.15	8 1/2	3,924.57	8 1/2	4,451.99	8 1/2	4,979.41
8 3/4	290.00	8 3/4	771.87	8 3/4	1,298.69	8 3/4	1,825.88	8 3/4	2,353.30	8 3/4	2,880.71	8 3/4	3,408.13	8 3/4	3,935.56	8 3/4	4,462.97	8 3/4	4,990.39
9	299.20	9	782.47	9	1,309.67	9	1,836.87	9	2,364.29	9	2,891.70	9	3,419.12	9	3,946.54	9	4,473.96	9	5,001.38
9 1/4	308.54	9 1/4	793.40	9 1/4	1,320.66	9 1/4	1,847.86	9 1/4	2,375.28	9 1/4	2,902.69	9 1/4	3,430.11	9 1/4	3,957.53	9 1/4	4,484.95	9 1/4	5,012.37
9 1/2	317.87	9 1/2	804.32	9 1/2	1,331.64	9 1/2	1,858.85	9 1/2	2,386.27	9 1/2	2,913.68	9 1/2	3,441.10	9 1/2	3,968.52	9 1/2	4,495.94	9 1/2	5,023.36
9 3/4	327.21	9 3/4	815.26	9 3/4	1,342.53	9 3/4	1,869.83	9 3/4	2,397.26	9 3/4	2,924.67	9 3/4	3,452.09	9 3/4	3,979.50	9 3/4	4,506.92	9 3/4	5,034.34
10	336.54	10	826.17	10	1,353.51	10	1,880.82	10	2,408.24	10	2,935.66	10	3,463.08	10	3,990.49	10	4,517.91	10	5,045.33
10 1/4	346.01	10 1/4	837.16	10 1/4	1,364.49	10 1/4	1,891.81	10 1/4	2,419.23	10 1/4	2,946.65	10 1/4	3,474.07	10 1/4	4,001.48	10 1/4	4,528.90	10 1/4	5,056.32
10 1/2	355.49	10 1/2	848.15	10 1/2	1,375.46	10 1/2	1,902.80	10 1/2	2,430.22	10 1/2	2,957.64	10 1/2	3,485.06	10 1/2	4,012.47	10 1/2	4,539.89	10 1/2	5,067.31
10 3/4	364.94	10 3/4	859.13	10 3/4	1,386.46	10 3/4	1,913.78	10 3/4	2,441.20	10 3/4	2,968.62	10 3/4	3,496.04	10 3/4	4,023.46	10 3/4	4,550.88	10 3/4	5,078.29
11	374.41	11	870.12	11	1,397.44	11	1,924.77	11	2,452.19	11	2,979.61	11	3,507.03	11	4,034.45	11	4,561.87	11	5,089.28
11 1/4	384.01	11 1/4	881.11	11 1/4	1,408.43	11 1/4	1,935.76	11 1/4	2,463.18	11 1/4	2,990.60	11 1/4	3,518.02	11 1/4	4,045.44	11 1/4	4,572.86	11 1/4	5,100.27
11 1/2	393.62	11 1/2	892.10	11 1/2	1,419.41	11 1/2	1,946.75	11 1/2	2,474.17	11 1/2	3,001.59	11 1/2	3,529.01	11 1/2	4,056.43	11 1/2	4,583.85	11 1/2	5,111.26
11 3/4	403.22	11 3/4	903.08	11 3/4	1,430.40	11 3/4	1,957.73	11 3/4	2,485.15	11 3/4	3,012.57	11 3/4	3,539.99	11 3/4	4,067.41	11 3/4	4,594.83	11 3/4	5,122.25

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 6'-00" OFF CENTERLINE AND 33'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Portland, Texas 77566
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BARGL WEB 314"

1 CENTER
INNAGE TABLE

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

GAUGE HEIGHT 16'-11 7/8"

Table with columns for gauge height (0 to 3 3/4 ft) and corresponding capacities for tank diameters 10 FT., 11 FT., 12 FT., 13 FT., 14 FT., 15 FT., 16 FT., 17 FT., 18 FT., and 19 FT. Each cell contains a capacity value and a gauge height fraction.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/23/2002 ITS
DECK MEASUREMENTS: 04/03/2012 SW
REPRINTED: 04/03/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

PRECISION MEASUREMENT
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BARGE "WEB 314"

2 PORT INNAGE TABLE

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

GAUGE HEIGHT 15'-10 3/4"

H	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	9.77	263.91	527.19	790.26	1,053.42	1,316.73	1,580.03	1,843.34	2,106.64	2,369.94
1/4	13.43	289.40	532.68	795.74	1,068.91	1,322.21	1,585.51	1,848.82	2,112.12	2,375.43
1/2	17.08	274.88	638.16	801.22	1,064.40	1,327.70	1,591.00	1,854.31	2,117.61	2,380.91
3/4	20.74	290.37	643.65	806.69	1,069.89	1,333.19	1,596.49	1,859.80	2,123.10	2,386.40
1	24.39	285.85	649.13	812.17	1,075.37	1,338.67	1,601.97	1,865.29	2,128.59	2,391.89
1 1/4	28.04	291.34	654.62	817.66	1,080.86	1,344.15	1,607.46	1,870.78	2,134.08	2,397.37
1 1/2	34.45	296.82	660.10	823.13	1,086.34	1,349.64	1,612.94	1,876.25	2,139.56	2,402.86
3/4	39.47	302.31	665.59	828.60	1,091.83	1,355.12	1,618.43	1,881.73	2,145.03	2,408.34
2	44.50	307.79	671.07	834.08	1,097.31	1,360.61	1,623.92	1,887.22	2,150.52	2,413.83
2 1/4	49.99	313.28	676.56	839.55	1,102.80	1,366.09	1,629.40	1,892.70	2,156.01	2,419.31
1/2	55.48	318.76	682.04	845.04	1,108.28	1,371.58	1,634.89	1,898.19	2,161.49	2,424.80
3/4	60.96	324.25	687.53	850.51	1,113.77	1,377.06	1,640.37	1,903.67	2,166.98	2,430.28
3	66.45	329.73	693.01	855.99	1,119.25	1,382.55	1,645.86	1,909.16	2,172.47	2,435.77
1 1/4	71.94	335.22	698.50	861.47	1,124.74	1,388.04	1,651.34	1,914.64	2,177.95	2,441.26
1/2	77.42	340.70	703.99	866.95	1,130.22	1,393.52	1,656.83	1,920.13	2,183.44	2,446.74
3/4	82.91	346.19	709.47	872.42	1,135.71	1,399.01	1,662.31	1,925.61	2,188.92	2,452.22
4	88.39	351.67	714.96	877.90	1,141.19	1,404.50	1,667.80	1,931.10	2,194.41	2,457.71
1 1/4	93.88	357.16	720.44	883.38	1,146.68	1,409.98	1,673.28	1,936.59	2,199.89	2,463.19
1/2	99.36	362.64	725.92	888.87	1,152.16	1,415.47	1,678.77	1,942.07	2,205.38	2,468.68
3/4	104.85	368.13	731.40	894.35	1,157.65	1,420.95	1,684.26	1,947.56	2,210.86	2,474.16
5	110.33	373.61	736.88	899.83	1,163.13	1,426.44	1,689.74	1,953.05	2,216.35	2,479.65
1 1/4	115.82	379.10	742.36	905.31	1,168.62	1,431.92	1,695.22	1,958.53	2,221.83	2,485.14
1/2	121.30	384.58	747.84	910.80	1,174.11	1,437.41	1,700.71	1,964.02	2,227.32	2,490.62
3/4	126.79	390.07	753.31	916.29	1,179.59	1,442.89	1,706.19	1,969.50	2,232.80	2,496.11
6	132.27	395.55	758.79	921.77	1,185.08	1,448.38	1,711.68	1,974.99	2,238.29	2,501.60
1 1/4	137.76	401.04	764.27	927.26	1,190.57	1,453.86	1,717.17	1,980.47	2,243.77	2,507.08
1/2	143.24	406.52	769.75	932.74	1,196.05	1,459.35	1,722.65	1,985.96	2,249.26	2,512.57
3/4	148.73	412.01	775.22	938.23	1,201.54	1,464.83	1,728.14	1,991.44	2,254.74	2,518.05
7	154.21	417.49	780.70	943.71	1,207.02	1,470.32	1,733.63	1,996.93	2,260.23	2,523.54
1 1/4	159.70	422.98	786.18	949.20	1,212.51	1,475.80	1,739.11	2,002.41	2,265.72	2,529.03
1/2	165.18	428.46	791.66	954.68	1,217.99	1,481.29	1,744.60	2,007.90	2,271.20	2,534.51
3/4	170.67	433.95	797.13	960.17	1,223.48	1,486.77	1,750.08	2,013.38	2,276.69	2,540.00
8	176.15	439.43	802.61	965.66	1,228.96	1,492.26	1,755.57	2,018.87	2,282.18	2,545.48
1 1/4	181.64	444.92	808.09	971.14	1,234.45	1,497.75	1,761.05	2,024.35	2,287.66	2,550.97
1/2	187.12	450.40	813.57	976.63	1,239.93	1,503.23	1,766.54	2,029.84	2,293.15	2,556.45
3/4	192.61	455.89	819.04	982.11	1,245.42	1,508.72	1,772.02	2,035.32	2,298.63	2,561.94
9	198.09	461.37	824.52	987.60	1,250.90	1,514.21	1,777.51	2,040.81	2,304.12	2,567.42
1 1/4	203.58	466.86	830.00	993.08	1,256.39	1,519.69	1,782.99	2,046.30	2,309.60	2,572.91
1/2	209.06	472.34	835.48	998.57	1,261.87	1,525.18	1,788.48	2,051.78	2,315.09	2,578.39
3/4	214.55	477.83	840.95	1,004.06	1,267.36	1,530.66	1,793.96	2,057.27	2,320.57	2,583.88
10	220.03	483.31	846.43	1,009.54	1,272.84	1,536.15	1,799.45	2,062.76	2,326.06	2,589.36
1 1/4	225.52	488.80	851.91	1,015.03	1,278.33	1,541.63	1,804.93	2,068.24	2,331.54	2,594.85
1/2	231.00	494.28	857.39	1,020.51	1,283.82	1,547.12	1,810.42	2,073.73	2,337.03	2,600.34
3/4	236.49	499.77	862.87	1,026.00	1,289.30	1,552.60	1,815.90	2,079.21	2,342.51	2,605.82
11	241.97	505.25	868.35	1,031.48	1,294.79	1,558.09	1,821.39	2,084.70	2,348.00	2,611.31
1 1/4	247.46	510.74	873.83	1,036.97	1,300.28	1,563.57	1,826.88	2,090.18	2,353.48	2,616.80
1/2	252.94	516.22	879.31	1,042.45	1,305.76	1,569.06	1,832.36	2,095.67	2,358.97	2,622.28
3/4	258.43	521.71	884.79	1,047.94	1,311.24	1,574.54	1,837.85	2,101.15	2,364.45	2,627.77

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 33'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearsand, Texas 77589
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BARGE WEB 314"

2 POK INNAGE TABLE

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

GAUGE HEIGHT 15'-10 3/4"

N	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	2,633.25	2,896.66	3,159.88	3,420.84	3,680.75					
1/4	2,638.74	2,902.04	3,165.32	3,426.28	3,686.97					
1/2	2,644.22	2,907.52	3,170.70	3,431.71	3,691.10					
3/4	2,649.71	2,913.01	3,176.24	3,437.15	3,696.40					
1	2,655.19	2,918.49	3,181.70	3,442.58	3,701.62					
1 1/4	2,660.68	2,923.98	3,187.14	3,448.01	3,706.25					
1 1/2	2,666.16	2,929.47	3,192.57	3,453.43	3,710.88					
3/2	2,671.65	2,934.95	3,198.01	3,458.86	3,716.51					
2	2,677.13	2,940.44	3,203.44	3,464.28	3,720.14					
1 3/4	2,682.62	2,945.93	3,208.88	3,469.69	3,723.98					
1 1/2	2,688.10	2,951.41	3,214.31	3,475.10	3,727.83					
3/2	2,693.59	2,956.90	3,219.75	3,480.51	3,731.67					
3	2,699.07	2,962.38	3,225.18	3,485.92	3,735.51					
1 1/4	2,704.56	2,967.87	3,230.62	3,491.33	3,739.57					
1 1/2	2,710.05	2,973.35	3,236.05	3,496.75	3,741.64					
3/4	2,715.53	2,978.84	3,241.49	3,502.16	3,744.70					
4	2,721.02	2,984.32	3,246.92	3,507.57	3,747.76					
1 3/4	2,726.51	2,989.81	3,252.36	3,512.98	3,750.04					
1 1/2	2,731.99	2,995.29	3,257.79	3,518.40	3,752.31					
3/4	2,737.48	3,000.78	3,263.23	3,523.81	3,754.59					
5	2,742.96	3,006.26	3,268.66	3,529.22	3,756.86					
1 1/4	2,748.45	3,011.75	3,274.10	3,534.63	3,758.36					
1 1/2	2,753.93	3,017.23	3,279.53	3,540.05	3,759.85					
3/4	2,759.42	3,022.72	3,284.97	3,545.46	3,761.35					
6	2,764.90	3,028.20	3,290.40	3,550.87	3,762.84					
1 1/4	2,770.39	3,033.69	3,295.84	3,556.28	3,763.55					
1 1/2	2,775.87	3,039.18	3,301.27	3,561.69	3,764.26					
3/4	2,781.36	3,044.66	3,306.71	3,567.10	3,764.97					
7	2,786.84	3,050.15	3,312.14	3,572.51	3,766.68					
1 1/4	2,792.33	3,055.64	3,317.58	3,577.92	3,766.00					
1 1/2	2,797.81	3,061.12	3,323.01	3,583.34	3,766.31					
3/2	2,803.30	3,066.61	3,328.45	3,588.75						
8	2,808.78	3,072.09	3,333.88	3,594.16						
1 1/4	2,814.27	3,077.58	3,339.32	3,599.57						
1 1/2	2,819.76	3,083.06	3,344.75	3,604.99						
3/4	2,825.24	3,088.55	3,350.19	3,610.40						
9	2,830.73	3,094.03	3,355.62	3,615.81						
1 1/4	2,836.22	3,099.52	3,361.06	3,621.22						
1 1/2	2,841.70	3,105.00	3,366.49	3,626.64						
3/4	2,847.19	3,110.49	3,371.93	3,632.05						
10	2,852.67	3,115.97	3,377.36	3,637.46						
1 1/4	2,858.16	3,121.46	3,382.80	3,642.87						
1 1/2	2,863.64	3,126.94	3,388.23	3,648.29						
3/4	2,869.13	3,132.43	3,393.67	3,653.70						
11	2,874.61	3,137.91	3,399.10	3,659.11						
1 1/4	2,880.10	3,143.40	3,404.54	3,664.52						
1 1/2	2,885.58	3,148.88	3,409.97	3,669.93						
3/4	2,891.07	3,154.37	3,415.41	3,675.34						

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/23/2002 IYS
DECK MEASUREMENTS: 04/03/2012 SW
REPRINTED: 04/03/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "WEB 314"

2 STBD INNAGE TABLE

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

GAUGE HEIGHT 15'-10 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	9.75	0	263.41	0	526.20	0	788.99	0	1,051.79	0	1,314.60	0	1,577.40	0	1,840.21	0	2,103.01	0	2,365.82
1/4	13.40	1/4	268.89	1/4	531.67	1/4	794.47	1/4	1,057.27	1/4	1,320.08	1/4	1,582.87	1/4	1,845.68	1/4	2,108.48	1/4	2,371.29
1/2	17.05	1/2	274.36	1/2	537.15	1/2	799.94	1/2	1,062.74	1/2	1,326.55	1/2	1,588.35	1/2	1,851.16	1/2	2,113.96	1/2	2,376.77
3/4	20.70	3/4	279.84	3/4	542.62	3/4	806.42	3/4	1,068.22	3/4	1,331.03	3/4	1,593.82	3/4	1,856.63	3/4	2,119.43	3/4	2,382.24
1	24.35	1	285.31	1	548.09	1	810.89	1	1,073.69	1	1,336.50	1	1,599.30	1	1,862.11	1	2,124.91	1	2,387.72
1 1/4	28.00	1 1/4	290.79	1 1/4	553.57	1 1/4	816.37	1 1/4	1,079.17	1 1/4	1,341.96	1 1/4	1,604.77	1 1/4	1,867.58	1 1/4	2,130.38	1 1/4	2,393.19
1 1/2	31.65	1 1/2	296.26	1 1/2	559.04	1 1/2	821.84	1 1/2	1,084.64	1 1/2	1,347.45	1 1/2	1,610.25	1 1/2	1,873.06	1 1/2	2,135.86	1 1/2	2,398.67
3/4	35.30	3/4	301.74	3/4	564.52	3/4	827.32	3/4	1,090.12	3/4	1,352.93	3/4	1,615.72	3/4	1,878.53	3/4	2,141.33	3/4	2,404.14
2	44.42	2	307.21	2	569.99	2	832.79	2	1,095.59	2	1,358.40	2	1,621.20	2	1,884.01	2	2,146.81	2	2,409.62
1 1/4	49.00	1 1/4	312.69	1 1/4	575.47	1 1/4	838.27	1 1/4	1,101.07	1 1/4	1,363.88	1 1/4	1,626.67	1 1/4	1,889.48	1 1/4	2,152.28	1 1/4	2,415.08
1 1/2	55.37	1 1/2	318.16	1 1/2	580.94	1 1/2	843.74	1 1/2	1,106.54	1 1/2	1,369.35	1 1/2	1,632.15	1 1/2	1,894.96	1 1/2	2,157.76	1 1/2	2,420.57
3/4	60.86	3/4	323.64	3/4	586.42	3/4	849.22	3/4	1,112.02	3/4	1,374.83	3/4	1,637.62	3/4	1,900.43	3/4	2,163.23	3/4	2,426.04
3	66.32	3	329.11	3	591.89	3	854.69	3	1,117.49	3	1,380.30	3	1,643.10	3	1,905.91	3	2,168.71	3	2,431.52
1 1/4	71.80	1 1/4	334.59	1 1/4	597.37	1 1/4	860.17	1 1/4	1,122.97	1 1/4	1,385.78	1 1/4	1,648.57	1 1/4	1,911.38	1 1/4	2,174.18	1 1/4	2,436.99
1 1/2	77.27	1 1/2	340.06	1 1/2	602.84	1 1/2	865.64	1 1/2	1,128.44	1 1/2	1,391.25	1 1/2	1,654.05	1 1/2	1,916.86	1 1/2	2,179.66	1 1/2	2,442.47
3/4	82.75	3/4	345.53	3/4	608.32	3/4	871.12	3/4	1,133.82	3/4	1,396.73	3/4	1,659.52	3/4	1,922.33	3/4	2,185.13	3/4	2,447.94
4	88.22	4	351.00	4	613.79	4	876.59	4	1,139.29	4	1,402.20	4	1,665.00	4	1,927.81	4	2,190.61	4	2,453.42
1 1/4	93.70	1 1/4	356.48	1 1/4	619.27	1 1/4	882.07	1 1/4	1,144.77	1 1/4	1,407.68	1 1/4	1,670.47	1 1/4	1,933.28	1 1/4	2,196.08	1 1/4	2,458.89
1 1/2	99.17	1 1/2	361.95	1 1/2	624.74	1 1/2	887.54	1 1/2	1,150.24	1 1/2	1,413.15	1 1/2	1,675.95	1 1/2	1,938.76	1 1/2	2,201.56	1 1/2	2,464.37
3/4	104.65	3/4	367.43	3/4	630.22	3/4	893.02	3/4	1,155.72	3/4	1,418.63	3/4	1,681.42	3/4	1,944.23	3/4	2,207.03	3/4	2,469.84
5	110.12	5	372.90	5	635.69	5	898.49	5	1,161.20	5	1,424.10	5	1,686.90	5	1,949.71	5	2,212.51	5	2,475.32
1 1/4	115.60	1 1/4	378.38	1 1/4	641.17	1 1/4	903.97	1 1/4	1,166.77	1 1/4	1,429.58	1 1/4	1,692.37	1 1/4	1,955.18	1 1/4	2,217.98	1 1/4	2,480.79
1 1/2	121.07	1 1/2	383.85	1 1/2	646.64	1 1/2	909.44	1 1/2	1,172.25	1 1/2	1,435.05	1 1/2	1,697.86	1 1/2	1,960.66	1 1/2	2,223.46	1 1/2	2,486.27
3/4	126.55	3/4	389.33	3/4	652.12	3/4	914.92	3/4	1,177.72	3/4	1,440.53	3/4	1,703.32	3/4	1,966.13	3/4	2,228.93	3/4	2,491.74
6	132.02	6	394.80	6	657.59	6	920.39	6	1,183.20	6	1,446.00	6	1,708.80	6	1,971.61	6	2,234.41	6	2,497.22
1 1/4	137.50	1 1/4	400.28	1 1/4	663.07	1 1/4	925.87	1 1/4	1,188.68	1 1/4	1,451.48	1 1/4	1,714.28	1 1/4	1,977.08	1 1/4	2,239.89	1 1/4	2,502.69
1 1/2	142.97	1 1/2	405.75	1 1/2	668.54	1 1/2	931.34	1 1/2	1,194.15	1 1/2	1,456.95	1 1/2	1,719.75	1 1/2	1,982.56	1 1/2	2,245.36	1 1/2	2,508.17
3/4	148.45	3/4	411.23	3/4	674.02	3/4	936.82	3/4	1,199.63	3/4	1,462.43	3/4	1,725.23	3/4	1,988.03	3/4	2,250.83	3/4	2,513.64
7	153.92	7	416.70	7	679.49	7	942.29	7	1,205.10	7	1,467.90	7	1,730.71	7	1,993.51	7	2,256.31	7	2,519.12
1 1/4	159.39	1 1/4	422.16	1 1/4	684.97	1 1/4	947.77	1 1/4	1,210.58	1 1/4	1,473.38	1 1/4	1,736.18	1 1/4	1,998.98	1 1/4	2,261.79	1 1/4	2,524.59
1 1/2	164.87	1 1/2	427.66	1 1/2	690.44	1 1/2	953.24	1 1/2	1,216.05	1 1/2	1,478.85	1 1/2	1,741.66	1 1/2	2,004.46	1 1/2	2,267.26	1 1/2	2,530.07
3/4	170.34	3/4	433.13	3/4	695.92	3/4	958.72	3/4	1,221.53	3/4	1,484.33	3/4	1,747.13	3/4	2,009.93	3/4	2,272.74	3/4	2,535.54
8	175.81	8	438.60	8	701.39	8	964.19	8	1,227.00	8	1,489.80	8	1,752.61	8	2,015.41	8	2,278.22	8	2,541.02
1 1/4	181.29	1 1/4	444.08	1 1/4	706.87	1 1/4	969.67	1 1/4	1,232.48	1 1/4	1,495.28	1 1/4	1,758.08	1 1/4	2,020.88	1 1/4	2,283.69	1 1/4	2,546.49
1 1/2	186.76	1 1/2	449.55	1 1/2	712.34	1 1/2	975.14	1 1/2	1,237.95	1 1/2	1,500.75	1 1/2	1,763.56	1 1/2	2,026.36	1 1/2	2,289.17	1 1/2	2,551.97
3/4	192.24	3/4	455.03	3/4	717.82	3/4	980.62	3/4	1,243.43	3/4	1,506.22	3/4	1,769.03	3/4	2,031.83	3/4	2,294.64	3/4	2,557.44
9	197.71	9	460.50	9	723.29	9	986.09	9	1,248.90	9	1,511.70	9	1,774.51	9	2,037.31	9	2,300.12	9	2,562.92
1 1/4	203.19	1 1/4	465.98	1 1/4	728.77	1 1/4	991.57	1 1/4	1,254.38	1 1/4	1,517.17	1 1/4	1,779.98	1 1/4	2,042.76	1 1/4	2,305.59	1 1/4	2,568.39
1 1/2	208.66	1 1/2	471.45	1 1/2	734.24	1 1/2	997.04	1 1/2	1,259.85	1 1/2	1,522.65	1 1/2	1,785.46	1 1/2	2,048.26	1 1/2	2,311.07	1 1/2	2,573.87
3/4	214.14	3/4	476.93	3/4	739.72	3/4	1,002.52	3/4	1,265.33	3/4	1,528.12	3/4	1,790.93	3/4	2,053.73	3/4	2,316.54	3/4	2,579.34
10	219.61	10	482.40	10	745.19	10	1,007.99	10	1,270.80	10	1,533.60	10	1,796.41	10	2,059.21	10	2,322.02	10	2,584.82
1 1/4	225.09	1 1/4	487.88	1 1/4	750.67	1 1/4	1,013.47	1 1/4	1,276.28	1 1/4	1,539.07	1 1/4	1,801.90	1 1/4	2,064.68	1 1/4	2,327.49	1 1/4	2,590.29
1 1/2	230.56	1 1/2	493.35	1 1/2	756.14	1 1/2	1,018.94	1 1/2	1,281.75	1 1/2	1,544.55	1 1/2	1,807.36	1 1/2	2,070.16	1 1/2	2,332.97	1 1/2	2,595.77
3/4	236.04	3/4	498.83	3/4	761.62	3/4	1,024.42	3/4	1,287.23	3/4	1,550.02	3/4	1,812.83	3/4	2,075.63	3/4	2,338.44	3/4	2,601.24
11	241.51	11	504.30	11	767.09	11	1,029.89	11	1,292.70	11	1,555.50	11	1,818.31	11	2,081.11	11	2,343.92	11	2,606.72
1 1/4	246.99	1 1/4	509.78	1 1/4	772.57	1 1/4	1,035.37	1 1/4	1,298.18	1 1/4	1,560.97	1 1/4	1,823.78	1 1/4	2,086.68	1 1/4	2,349.39	1 1/4	2,612.19
1 1/2	252.46	1 1/2	515.25	1 1/2	778.04	1 1/2	1,040.84	1 1/2	1,303.65	1 1/2	1,566.45	1 1/2	1,829.26	1 1/2	2,092.06	1 1/2	2,354.87	1 1/2	2,617.67
3/4	257.94	3/4	520.73	3/4	783.52	3/4	1,046.32	3/4	1,309.13	3/4	1,571.92	3/4	1,834.73	3/4	2,097.53	3/4	2,360.34	3/4	2,623.14

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 8'-03" OFF CENTERLINE AND 33'-06" FORWARD OF AFT BULKHEAD.

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BARGE WEB 314"

2 STB INNAGE TABLE

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

GAUGE HEIGHT 16'-10 5/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,628.62	0	2,891.43	0	3,154.23	0	3,414.72	0	3,674.13	0		0		0					
1/4	2,634.09	1/4	2,896.90	1/4	3,159.69	1/4	3,420.14	1/4	3,679.34	1/4		1/4		1/4					
1/2	2,639.57	1/2	2,902.36	1/2	3,165.13	1/2	3,425.57	1/2	3,684.54	1/2		1/2		1/2					
3/4	2,645.04	3/4	2,907.85	3/4	3,170.68	3/4	3,430.99	3/4	3,689.75	3/4		3/4		3/4					
1	2,650.52	1	2,913.33	1	3,176.03	1	3,436.42	1	3,694.96	1		1		1					
1 1/4	2,655.99	1 1/4	2,918.80	1 1/4	3,181.45	1 1/4	3,441.83	1 1/4	3,699.59	1 1/4		1 1/4		1 1/4					
1 1/2	2,661.47	1 1/2	2,924.28	1 1/2	3,186.80	1 1/2	3,447.24	1 1/2	3,704.22	1 1/2		1 1/2		1 1/2					
1 3/4	2,666.94	1 3/4	2,929.76	1 3/4	3,192.30	1 3/4	3,452.66	1 3/4	3,708.85	1 3/4		1 3/4		1 3/4					
2	2,672.42	2	2,935.23	2	3,197.73	2	3,458.07	2	3,713.40	2		2		2					
2 1/4	2,677.89	2 1/4	2,940.70	2 1/4	3,203.15	2 1/4	3,463.47	2 1/4	3,717.34	2 1/4		2 1/4		2 1/4					
2 1/2	2,683.37	2 1/2	2,946.18	2 1/2	3,208.58	2 1/2	3,468.87	2 1/2	3,721.20	2 1/2		2 1/2		2 1/2					
2 3/4	2,688.84	2 3/4	2,951.65	2 3/4	3,214.00	2 3/4	3,474.27	2 3/4	3,725.06	2 3/4		2 3/4		2 3/4					
3	2,694.32	3	2,957.13	3	3,219.43	3	3,479.67	3	3,728.92	3		3		3					
3 1/4	2,699.79	3 1/4	2,962.60	3 1/4	3,224.85	3 1/4	3,485.07	3 1/4	3,732.00	3 1/4		3 1/4		3 1/4					
3 1/2	2,705.27	3 1/2	2,968.08	3 1/2	3,230.28	3 1/2	3,490.47	3 1/2	3,735.07	3 1/2		3 1/2		3 1/2					
3 3/4	2,710.74	3 3/4	2,973.55	3 3/4	3,235.70	3 3/4	3,495.88	3 3/4	3,738.15	3 3/4		3 3/4		3 3/4					
4	2,716.22	4	2,979.03	4	3,241.13	4	3,501.28	4	3,741.23	4		4		4					
4 1/4	2,721.69	4 1/4	2,984.50	4 1/4	3,246.55	4 1/4	3,506.68	4 1/4	3,745.53	4 1/4		4 1/4		4 1/4					
4 1/2	2,727.17	4 1/2	2,989.98	4 1/2	3,251.98	4 1/2	3,512.08	4 1/2	3,749.82	4 1/2		4 1/2		4 1/2					
4 3/4	2,732.64	4 3/4	2,995.45	4 3/4	3,257.40	4 3/4	3,517.49	4 3/4	3,748.12	4 3/4		4 3/4		4 3/4					
5	2,738.12	5	3,000.93	5	3,262.83	5	3,522.89	5	3,750.42	5		5		5					
5 1/4	2,743.59	5 1/4	3,006.40	5 1/4	3,268.25	5 1/4	3,528.29	5 1/4	3,751.93	5 1/4		5 1/4		5 1/4					
5 1/2	2,749.07	5 1/2	3,011.86	5 1/2	3,273.67	5 1/2	3,533.69	5 1/2	3,753.44	5 1/2		5 1/2		5 1/2					
5 3/4	2,754.54	5 3/4	3,017.35	5 3/4	3,279.10	5 3/4	3,539.09	5 3/4	3,754.96	5 3/4		5 3/4		5 3/4					
6	2,760.02	6	3,022.83	6	3,284.52	6	3,544.49	6	3,756.47	6		6		6					
6 1/4	2,765.49	6 1/4	3,028.30	6 1/4	3,289.94	6 1/4	3,549.89	6 1/4	3,757.20	6 1/4		6 1/4		6 1/4					
6 1/2	2,770.97	6 1/2	3,033.78	6 1/2	3,295.37	6 1/2	3,555.29	6 1/2	3,757.93	6 1/2		6 1/2		6 1/2					
6 3/4	2,776.44	6 3/4	3,039.26	6 3/4	3,300.79	6 3/4	3,560.70	6 3/4	3,758.67	6 3/4		6 3/4		6 3/4					
7	2,781.92	7	3,044.73	7	3,306.22	7	3,566.10	7	3,759.40	7		7		7					
7 1/4	2,787.39	7 1/4	3,050.20	7 1/4	3,311.64	7 1/4	3,571.50	7 1/4	3,759.74	7 1/4		7 1/4		7 1/4					
7 1/2	2,792.87	7 1/2	3,055.68	7 1/2	3,317.07	7 1/2	3,576.90	7 1/2	3,760.08	7 1/2		7 1/2		7 1/2					
7 3/4	2,798.34	7 3/4	3,061.15	7 3/4	3,322.49	7 3/4	3,582.30	7 3/4		7 3/4		7 3/4		7 3/4					
8	2,803.82	8	3,066.63	8	3,327.92	8	3,587.70	8		8		8		8					
8 1/4	2,809.30	8 1/4	3,072.10	8 1/4	3,333.34	8 1/4	3,593.10	8 1/4		8 1/4		8 1/4		8 1/4					
8 1/2	2,814.77	8 1/2	3,077.58	8 1/2	3,338.77	8 1/2	3,598.50	8 1/2		8 1/2		8 1/2		8 1/2					
8 3/4	2,820.25	8 3/4	3,083.05	8 3/4	3,344.19	8 3/4	3,603.91	8 3/4		8 3/4		8 3/4		8 3/4					
9	2,825.73	9	3,088.53	9	3,349.62	9	3,609.31	9		9		9		9					
9 1/4	2,831.20	9 1/4	3,094.00	9 1/4	3,355.04	9 1/4	3,614.71	9 1/4		9 1/4		9 1/4		9 1/4					
9 1/2	2,836.68	9 1/2	3,099.48	9 1/2	3,360.47	9 1/2	3,620.11	9 1/2		9 1/2		9 1/2		9 1/2					
9 3/4	2,842.15	9 3/4	3,104.96	9 3/4	3,365.89	9 3/4	3,625.52	9 3/4		9 3/4		9 3/4		9 3/4					
10	2,847.63	10	3,110.43	10	3,371.32	10	3,630.92	10		10		10		10					
10 1/4	2,853.10	10 1/4	3,115.90	10 1/4	3,376.74	10 1/4	3,636.32	10 1/4		10 1/4		10 1/4		10 1/4					
10 1/2	2,858.58	10 1/2	3,121.38	10 1/2	3,382.17	10 1/2	3,641.72	10 1/2		10 1/2		10 1/2		10 1/2					
10 3/4	2,864.05	10 3/4	3,126.85	10 3/4	3,387.59	10 3/4	3,647.12	10 3/4		10 3/4		10 3/4		10 3/4					
11	2,869.53	11	3,132.33	11	3,393.02	11	3,652.52	11		11		11		11					
11 1/4	2,875.00	11 1/4	3,137.80	11 1/4	3,398.44	11 1/4	3,657.92	11 1/4		11 1/4		11 1/4		11 1/4					
11 1/2	2,880.48	11 1/2	3,143.28	11 1/2	3,403.87	11 1/2	3,663.32	11 1/2		11 1/2		11 1/2		11 1/2					
11 3/4	2,885.95	11 3/4	3,148.75	11 3/4	3,409.29	11 3/4	3,668.73	11 3/4		11 3/4		11 3/4		11 3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/23/2002 ITS
DECK MEASUREMENTS: 04/03/2012 SW
REPRINTED: 04/03/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77608
<http://www.pmacorp.net>



BARGE "WEB 314"

3 PORT INNAGE TABLE

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

GAUGE HEIGHT 18'-10 1/4"

FT.	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	9.78	264.17	527.71	791.03	1,054.46	1,318.02	1,581.59	1,845.15	2,108.71	2,372.28
1/4	13.44	269.66	533.20	796.61	1,059.95	1,323.51	1,587.08	1,850.64	2,114.20	2,377.77
1/2	17.10	276.15	539.69	802.00	1,065.44	1,329.01	1,592.57	1,856.13	2,119.70	2,383.26
3/4	20.76	280.64	544.18	807.48	1,070.93	1,334.50	1,608.06	1,861.62	2,125.19	2,388.76
1	24.42	286.13	549.67	812.97	1,076.42	1,339.99	1,603.55	1,867.11	2,130.68	2,394.24
1 1/4	29.45	291.62	555.16	818.45	1,081.91	1,345.48	1,609.04	1,872.60	2,136.17	2,399.73
1 1/2	34.49	297.11	560.65	823.93	1,087.41	1,350.97	1,614.53	1,878.10	2,141.66	2,405.22
3/4	39.52	302.60	566.14	829.42	1,092.90	1,356.46	1,620.02	1,883.59	2,147.15	2,410.71
2	44.55	308.09	571.63	834.90	1,098.39	1,361.95	1,625.51	1,889.08	2,152.64	2,416.20
1 1/4	50.04	313.58	577.12	840.38	1,103.88	1,367.44	1,631.00	1,894.57	2,158.13	2,421.69
1 1/2	55.63	319.07	582.62	846.86	1,109.37	1,372.93	1,636.50	1,900.06	2,163.62	2,427.18
3/4	61.02	324.56	588.11	851.35	1,114.86	1,378.42	1,641.99	1,905.55	2,169.11	2,432.68
3	66.51	330.05	593.60	856.83	1,120.35	1,383.91	1,647.48	1,911.04	2,174.60	2,438.17
1 1/4	72.00	335.54	599.09	862.31	1,125.84	1,389.40	1,652.97	1,916.53	2,180.09	2,443.66
1 1/2	77.49	341.03	604.58	867.80	1,131.33	1,394.90	1,658.46	1,922.02	2,185.59	2,449.16
3/4	82.98	346.52	610.07	873.28	1,136.82	1,400.39	1,663.95	1,927.51	2,191.08	2,454.64
4	88.47	352.01	615.56	878.77	1,142.31	1,405.88	1,669.44	1,933.00	2,196.57	2,460.13
1 1/4	93.96	357.50	621.05	884.26	1,147.80	1,411.37	1,674.93	1,938.49	2,202.06	2,465.62
1 1/2	99.45	363.00	626.54	889.74	1,153.29	1,416.86	1,680.42	1,943.99	2,207.55	2,471.11
3/4	104.94	368.49	632.02	895.23	1,158.79	1,422.35	1,685.91	1,949.48	2,213.04	2,476.60
5	110.43	373.98	637.61	900.72	1,164.28	1,427.84	1,691.40	1,954.97	2,218.53	2,482.09
1 1/4	115.92	379.47	642.99	906.21	1,169.77	1,433.33	1,696.89	1,960.46	2,224.02	2,487.58
1 1/2	121.41	384.96	648.48	911.70	1,175.26	1,438.82	1,702.39	1,965.95	2,229.51	2,493.07
3/4	126.90	390.45	653.96	917.19	1,180.75	1,444.32	1,707.88	1,971.44	2,235.00	2,498.57
6	132.39	395.94	659.44	922.68	1,186.24	1,449.81	1,713.37	1,976.93	2,240.49	2,504.06
1 1/4	137.88	401.43	664.92	928.17	1,191.73	1,455.30	1,718.86	1,982.42	2,245.98	2,509.55
1 1/2	143.38	406.92	670.41	933.66	1,197.23	1,460.79	1,724.35	1,987.92	2,251.48	2,515.04
3/4	148.87	412.41	675.89	939.16	1,202.72	1,466.28	1,729.84	1,993.41	2,256.97	2,520.53
7	154.36	417.90	681.37	944.64	1,208.21	1,471.77	1,735.33	1,998.90	2,262.46	2,526.02
1 1/4	159.85	423.39	686.85	950.13	1,213.70	1,477.26	1,740.82	2,004.39	2,267.95	2,531.51
1 1/2	165.34	428.88	692.34	955.62	1,219.19	1,482.75	1,746.32	2,009.88	2,273.44	2,537.00
3/4	170.83	434.37	697.82	961.12	1,224.68	1,488.24	1,751.81	2,015.37	2,278.93	2,542.50
8	176.32	439.86	703.30	966.61	1,230.17	1,493.73	1,757.30	2,020.86	2,284.42	2,547.99
1 1/4	181.81	445.35	708.78	972.10	1,235.66	1,499.22	1,762.79	2,026.35	2,289.91	2,553.48
1 1/2	187.30	450.84	714.27	977.59	1,241.15	1,504.72	1,768.28	2,031.84	2,295.41	2,558.97
3/4	192.79	456.33	719.75	983.08	1,246.64	1,510.21	1,773.77	2,037.33	2,300.90	2,564.46
9	198.28	461.82	725.23	988.57	1,252.13	1,515.70	1,779.26	2,042.82	2,306.39	2,569.95
1 1/4	203.77	467.31	730.72	994.06	1,257.62	1,521.19	1,784.76	2,048.31	2,311.88	2,575.44
1 1/2	209.26	472.81	736.20	999.55	1,263.12	1,526.68	1,790.24	2,053.81	2,317.37	2,580.93
3/4	214.75	478.30	741.69	1,005.04	1,268.61	1,532.17	1,795.73	2,059.30	2,322.86	2,586.42
10	220.24	483.79	747.17	1,010.53	1,274.10	1,537.66	1,801.22	2,064.79	2,328.35	2,591.91
1 1/4	225.73	489.28	752.65	1,016.02	1,279.59	1,543.15	1,806.71	2,070.28	2,333.84	2,597.40
1 1/2	231.22	494.77	758.14	1,021.52	1,285.08	1,548.64	1,812.21	2,075.77	2,339.33	2,602.89
3/4	236.71	500.26	763.62	1,027.01	1,290.57	1,554.13	1,817.70	2,081.26	2,344.82	2,608.39
11	242.20	505.75	769.10	1,032.50	1,296.06	1,559.62	1,823.19	2,086.75	2,350.31	2,613.88
1 1/4	247.69	511.24	774.68	1,037.99	1,301.55	1,565.11	1,828.68	2,092.24	2,355.80	2,619.37
1 1/2	253.19	516.73	780.06	1,043.48	1,307.04	1,570.61	1,834.17	2,097.73	2,361.29	2,624.86
3/4	258.68	522.22	785.55	1,048.97	1,312.53	1,576.10	1,839.66	2,103.22	2,366.79	2,630.35

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 33'-06" FORWARD OF AFT BULKHEAD.

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



BARGE WEB 314"

3 POK. INNAGE TABLE

Gauge Height 15'-10 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,635.84	0	2,899.40	0	3,162.97	0	3,424.21	0	3,684.38	0		0		0		0		0		0
1/4	2,641.33	1/4	2,904.89	1/4	3,168.43	1/4	3,429.65	1/4	3,689.61	1/4		1/4		1/4		1/4		1/4		1/4
1/2	2,646.82	1/2	2,910.38	1/2	3,173.90	1/2	3,435.09	1/2	3,694.84	1/2		1/2		1/2		1/2		1/2		1/2
3/4	2,652.31	3/4	2,915.88	3/4	3,179.36	3/4	3,440.53	3/4	3,700.08	3/4		3/4		3/4		3/4		3/4		3/4
1	2,657.80	1	2,921.37	1	3,184.83	1	3,445.97	1	3,705.21	1		1		1		1		1		1
1 1/4	2,663.29	1 1/4	2,926.86	1 1/4	3,190.27	1 1/4	3,451.40	1 1/4	3,709.97	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4
1 1/2	2,668.78	1 1/2	2,932.35	1 1/2	3,195.71	1 1/2	3,456.83	1 1/2	3,714.62	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/4	2,674.28	3/4	2,937.84	3/4	3,201.16	3/4	3,462.26	3/4	3,719.26	3/4		3/4		3/4		3/4		3/4		3/4
2	2,679.77	2	2,943.33	2	3,206.59	2	3,467.69	2	3,723.94	2		2		2		2		2		2
5/4	2,685.26	5/4	2,948.82	5/4	3,212.03	5/4	3,473.11	5/4	3,727.81	5/4		5/4		5/4		5/4		5/4		5/4
1 1/2	2,690.75	1 1/2	2,954.31	1 1/2	3,217.47	1 1/2	3,478.52	1 1/2	3,731.88	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/4	2,696.24	3/4	2,959.80	3/4	3,222.91	3/4	3,483.94	3/4	3,735.66	3/4		3/4		3/4		3/4		3/4		3/4
3	2,701.73	3	2,965.29	3	3,228.35	3	3,489.36	3	3,739.43	3		3		3		3		3		3
1 1/4	2,707.22	1 1/4	2,970.78	1 1/4	3,233.79	1 1/4	3,494.78	1 1/4	3,742.51	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4
1 1/2	2,712.71	1 1/2	2,976.27	1 1/2	3,239.23	1 1/2	3,500.19	1 1/2	3,745.60	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/4	2,718.20	3/4	2,981.77	3/4	3,244.67	3/4	3,505.61	3/4	3,748.68	3/4		3/4		3/4		3/4		3/4		3/4
4	2,723.69	4	2,987.26	4	3,250.11	4	3,511.03	4	3,751.77	4		4		4		4		4		4
1 1/4	2,729.18	1 1/4	2,992.75	1 1/4	3,255.55	1 1/4	3,516.45	1 1/4	3,754.07	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4
1 1/2	2,734.67	1 1/2	2,998.24	1 1/2	3,260.99	1 1/2	3,521.86	1 1/2	3,756.37	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/4	2,740.17	3/4	3,003.73	3/4	3,266.44	3/4	3,527.29	3/4	3,758.68	3/4		3/4		3/4		3/4		3/4		3/4
5	2,745.66	5	3,009.22	5	3,271.88	5	3,532.70	5	3,760.98	5		5		5		5		5		5
1 1/4	2,751.15	1 1/4	3,014.71	1 1/4	3,277.32	1 1/4	3,538.12	1 1/4	3,762.50	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4
1 1/2	2,756.64	1 1/2	3,020.20	1 1/2	3,282.76	1 1/2	3,543.53	1 1/2	3,764.02	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/4	2,762.13	3/4	3,025.69	3/4	3,288.20	3/4	3,548.95	3/4	3,765.54	3/4		3/4		3/4		3/4		3/4		3/4
6	2,767.62	6	3,031.18	6	3,293.64	6	3,554.37	6	3,767.06	6		6		6		6		6		6
1 1/4	2,773.11	1 1/4	3,036.67	1 1/4	3,299.08	1 1/4	3,559.78	1 1/4	3,767.79	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4
1 1/2	2,778.60	1 1/2	3,042.16	1 1/2	3,304.52	1 1/2	3,565.20	1 1/2	3,768.52	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/4	2,784.09	3/4	3,047.66	3/4	3,309.96	3/4	3,570.61	3/4	3,769.26	3/4		3/4		3/4		3/4		3/4		3/4
7	2,789.58	7	3,053.15	7	3,315.40	7	3,576.03	7	3,769.99	7		7		7		7		7		7
1 1/4	2,795.07	1 1/4	3,058.64	1 1/4	3,320.84	1 1/4	3,581.46	1 1/4	3,770.33	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4
1 1/2	2,800.56	1 1/2	3,064.13	1 1/2	3,326.28	1 1/2	3,586.86	1 1/2	3,770.68	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/4	2,806.05	3/4	3,069.62	3/4	3,331.72	3/4	3,592.28	3/4		3/4		3/4		3/4		3/4		3/4		3/4
8	2,811.55	8	3,075.11	8	3,337.16	8	3,597.70	8		8		8		8		8		8		8
1 1/4	2,817.04	1 1/4	3,080.60	1 1/4	3,342.60	1 1/4	3,603.12	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4
1 1/2	2,822.53	1 1/2	3,086.09	1 1/2	3,348.04	1 1/2	3,608.53	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/4	2,828.02	3/4	3,091.59	3/4	3,353.48	3/4	3,613.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4
9	2,833.51	9	3,097.08	9	3,358.92	9	3,619.37	9		9		9		9		9		9		9
1 1/4	2,839.00	1 1/4	3,102.57	1 1/4	3,364.36	1 1/4	3,624.79	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4
1 1/2	2,844.49	1 1/2	3,108.06	1 1/2	3,369.80	1 1/2	3,630.20	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/4	2,849.99	3/4	3,113.55	3/4	3,375.25	3/4	3,635.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4
10	2,855.48	10	3,119.04	10	3,380.69	10	3,641.04	10		10		10		10		10		10		10
1 1/4	2,860.97	1 1/4	3,124.53	1 1/4	3,386.13	1 1/4	3,646.46	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4
1 1/2	2,866.46	1 1/2	3,130.02	1 1/2	3,391.57	1 1/2	3,651.87	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/4	2,871.95	3/4	3,135.51	3/4	3,397.01	3/4	3,657.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4
11	2,877.44	11	3,141.00	11	3,402.45	11	3,662.71	11		11		11		11		11		11		11
1 1/4	2,882.93	1 1/4	3,146.49	1 1/4	3,407.89	1 1/4	3,668.13	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4
1 1/2	2,888.42	1 1/2	3,151.98	1 1/2	3,413.33	1 1/2	3,673.54	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/4	2,893.91	3/4	3,157.48	3/4	3,418.77	3/4	3,678.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/23/2002 ITS
DECK MEASUREMENTS: 04/03/2012 SW
REPRINTED: 04/03/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

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



BARGE "WEB 314"

3 STBD INNAGE TABLE

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

GAUGE HEIGHT 15'-10 1/4"

IN	0 FT.	III	1 FT.	II	2 FT.	RI	3 FT.	IN	4 FT.	RI	5 FT.	RI	6 FT.	RI	7 FT.	RI	8 FT.	RI	9 FT.
0	9.75	0	263.40	0	526.18	0	788.96	0	1,051.76	0	1,314.55	0	1,577.35	0	1,840.14	0	2,102.94	0	2,365.73
1/4	13.40	1/4	268.88	1/4	531.65	1/4	794.44	1/4	1,057.23	1/4	1,320.03	1/4	1,582.82	1/4	1,845.61	1/4	2,108.41	1/4	2,371.20
1/2	17.05	1/2	274.36	1/2	537.13	1/2	799.91	1/2	1,062.70	1/2	1,325.50	1/2	1,588.29	1/2	1,851.09	1/2	2,113.89	1/2	2,376.88
3/4	20.70	3/4	279.83	3/4	542.60	3/4	805.39	3/4	1,068.18	3/4	1,330.98	3/4	1,593.77	3/4	1,856.56	3/4	2,119.36	3/4	2,382.15
1	24.35	1	285.30	1	548.07	1	810.86	1	1,073.65	1	1,336.46	1	1,599.24	1	1,862.04	1	2,124.84	1	2,387.63
1/4	29.37	1/4	280.76	1/4	553.55	1/4	816.34	1/4	1,079.13	1/4	1,341.93	1/4	1,604.71	1/4	1,867.51	1/4	2,130.31	1/4	2,393.10
1/2	34.39	1/2	286.26	1/2	559.02	1/2	821.81	1/2	1,084.60	1/2	1,347.40	1/2	1,610.19	1/2	1,872.99	1/2	2,135.78	1/2	2,398.58
3/4	39.40	3/4	301.73	3/4	564.50	3/4	827.28	3/4	1,090.08	3/4	1,352.88	3/4	1,615.66	3/4	1,878.46	3/4	2,141.26	3/4	2,404.05
2	44.42	2	307.20	2	569.97	2	832.76	2	1,095.55	2	1,358.35	2	1,621.14	2	1,883.94	2	2,146.73	2	2,409.53
1/4	49.00	1/4	312.67	1/4	575.45	1/4	838.24	1/4	1,101.03	1/4	1,363.83	1/4	1,626.61	1/4	1,889.41	1/4	2,152.20	1/4	2,415.00
1/2	56.37	1/2	318.15	1/2	580.92	1/2	843.71	1/2	1,106.50	1/2	1,369.30	1/2	1,632.09	1/2	1,894.89	1/2	2,157.68	1/2	2,420.48
3/4	60.85	3/4	323.62	3/4	586.40	3/4	849.18	3/4	1,111.98	3/4	1,374.78	3/4	1,637.56	3/4	1,900.36	3/4	2,163.16	3/4	2,425.95
3	66.32	3	329.09	3	591.87	3	854.66	3	1,117.45	3	1,380.25	3	1,643.04	3	1,905.84	3	2,168.63	3	2,431.43
1/4	71.80	1/4	334.57	1/4	597.35	1/4	860.14	1/4	1,122.93	1/4	1,385.73	1/4	1,648.51	1/4	1,911.31	1/4	2,174.10	1/4	2,436.90
1/2	77.27	1/2	340.04	1/2	602.82	1/2	865.61	1/2	1,128.40	1/2	1,391.20	1/2	1,653.99	1/2	1,916.79	1/2	2,179.58	1/2	2,442.38
3/4	82.75	3/4	345.52	3/4	608.30	3/4	871.09	3/4	1,133.88	3/4	1,396.68	3/4	1,659.46	3/4	1,922.26	3/4	2,185.05	3/4	2,447.85
4	88.22	4	350.99	4	613.77	4	876.56	4	1,139.35	4	1,402.15	4	1,664.94	4	1,927.74	4	2,190.53	4	2,453.33
1/4	93.69	1/4	356.47	1/4	619.25	1/4	882.04	1/4	1,144.83	1/4	1,407.63	1/4	1,670.41	1/4	1,933.21	1/4	2,196.00	1/4	2,458.80
1/2	99.17	1/2	361.94	1/2	624.72	1/2	887.51	1/2	1,150.30	1/2	1,413.10	1/2	1,675.89	1/2	1,938.69	1/2	2,201.48	1/2	2,464.28
3/4	104.64	3/4	367.42	3/4	630.20	3/4	892.99	3/4	1,155.78	3/4	1,418.58	3/4	1,681.36	3/4	1,944.16	3/4	2,206.95	3/4	2,469.75
5	110.11	5	372.89	5	635.67	5	898.46	5	1,161.25	5	1,424.05	5	1,686.84	5	1,949.64	5	2,212.43	5	2,475.23
1/4	115.59	1/4	378.37	1/4	641.14	1/4	903.94	1/4	1,166.73	1/4	1,429.53	1/4	1,692.31	1/4	1,955.11	1/4	2,217.90	1/4	2,480.70
1/2	121.06	1/2	383.84	1/2	646.62	1/2	909.41	1/2	1,172.20	1/2	1,435.00	1/2	1,697.79	1/2	1,960.59	1/2	2,223.38	1/2	2,486.18
3/4	126.54	3/4	389.32	3/4	652.09	3/4	914.89	3/4	1,177.68	3/4	1,440.48	3/4	1,703.26	3/4	1,966.06	3/4	2,228.85	3/4	2,491.65
6	132.01	6	394.79	6	657.56	6	920.36	6	1,183.15	6	1,445.95	6	1,708.74	6	1,971.54	6	2,234.33	6	2,497.13
1/4	137.49	1/4	400.27	1/4	663.04	1/4	925.84	1/4	1,188.63	1/4	1,451.43	1/4	1,714.21	1/4	1,977.01	1/4	2,239.80	1/4	2,502.60
1/2	142.96	1/2	405.74	1/2	668.51	1/2	931.31	1/2	1,194.10	1/2	1,456.90	1/2	1,719.69	1/2	1,982.49	1/2	2,245.28	1/2	2,508.08
3/4	148.44	3/4	411.22	3/4	673.99	3/4	936.79	3/4	1,199.58	3/4	1,462.36	3/4	1,725.16	3/4	1,987.96	3/4	2,250.75	3/4	2,513.55
7	153.91	7	416.69	7	679.46	7	942.26	7	1,205.05	7	1,467.85	7	1,730.64	7	1,993.44	7	2,256.23	7	2,519.03
1/4	159.39	1/4	422.16	1/4	684.94	1/4	947.74	1/4	1,210.53	1/4	1,473.33	1/4	1,736.11	1/4	1,998.91	1/4	2,261.70	1/4	2,524.50
1/2	164.86	1/2	427.64	1/2	690.41	1/2	953.21	1/2	1,216.00	1/2	1,478.80	1/2	1,741.59	1/2	2,004.39	1/2	2,267.18	1/2	2,529.98
3/4	170.34	3/4	433.11	3/4	695.89	3/4	958.69	3/4	1,221.48	3/4	1,484.28	3/4	1,747.06	3/4	2,009.86	3/4	2,272.65	3/4	2,535.45
8	175.81	8	438.58	8	701.36	8	964.16	8	1,226.95	8	1,489.75	8	1,752.54	8	2,015.34	8	2,278.13	8	2,540.93
1/4	181.29	1/4	444.06	1/4	706.84	1/4	969.64	1/4	1,232.43	1/4	1,495.23	1/4	1,758.01	1/4	2,020.81	1/4	2,283.60	1/4	2,546.40
1/2	186.76	1/2	449.53	1/2	712.31	1/2	975.11	1/2	1,237.90	1/2	1,500.70	1/2	1,763.49	1/2	2,026.29	1/2	2,289.08	1/2	2,551.88
3/4	192.24	3/4	455.01	3/4	717.79	3/4	980.59	3/4	1,243.36	3/4	1,506.18	3/4	1,768.96	3/4	2,031.76	3/4	2,294.55	3/4	2,557.35
9	197.71	9	460.48	9	723.26	9	986.06	9	1,248.85	9	1,511.65	9	1,774.44	9	2,037.24	9	2,300.03	9	2,562.83
1/4	203.18	1/4	465.96	1/4	728.74	1/4	991.54	1/4	1,254.33	1/4	1,517.13	1/4	1,779.91	1/4	2,042.71	1/4	2,305.50	1/4	2,568.30
1/2	208.66	1/2	471.43	1/2	734.21	1/2	997.01	1/2	1,259.80	1/2	1,522.60	1/2	1,785.38	1/2	2,048.19	1/2	2,310.98	1/2	2,573.76
3/4	214.13	3/4	476.91	3/4	739.69	3/4	1,002.49	3/4	1,265.28	3/4	1,528.07	3/4	1,790.86	3/4	2,053.66	3/4	2,316.45	3/4	2,579.25
10	219.60	10	482.38	10	745.16	10	1,007.96	10	1,270.75	10	1,533.55	10	1,796.34	10	2,059.14	10	2,321.93	10	2,584.73
1/4	225.08	1/4	487.86	1/4	750.64	1/4	1,013.44	1/4	1,276.23	1/4	1,539.02	1/4	1,801.81	1/4	2,064.61	1/4	2,327.40	1/4	2,590.20
1/2	230.55	1/2	493.33	1/2	756.11	1/2	1,018.91	1/2	1,281.70	1/2	1,544.50	1/2	1,807.29	1/2	2,070.09	1/2	2,332.88	1/2	2,595.68
3/4	236.03	3/4	498.81	3/4	761.59	3/4	1,024.39	3/4	1,287.18	3/4	1,549.97	3/4	1,812.76	3/4	2,075.56	3/4	2,338.35	3/4	2,601.15
11	241.50	11	504.28	11	767.06	11	1,029.86	11	1,292.65	11	1,555.45	11	1,818.24	11	2,081.04	11	2,343.83	11	2,606.63
1/4	246.98	1/4	509.76	1/4	772.54	1/4	1,035.33	1/4	1,298.13	1/4	1,560.92	1/4	1,823.71	1/4	2,086.51	1/4	2,349.30	1/4	2,612.10
1/2	252.45	1/2	515.23	1/2	778.01	1/2	1,040.81	1/2	1,303.60	1/2	1,566.40	1/2	1,829.19	1/2	2,091.99	1/2	2,354.78	1/2	2,617.58
3/4	257.93	3/4	520.71	3/4	783.49	3/4	1,046.28	3/4	1,309.08	3/4	1,571.87	3/4	1,834.66	3/4	2,097.46	3/4	2,360.25	3/4	2,623.05

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 33'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2692
 Pearland, Texas 77586
 http://www.pmacorp.net



BARGE WEB 314"

3 STB INNAGE TABLE

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

GAUGE HEIGHT 15'-10 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,628.63	0	2,891.32	0	3,164.12	0	3,414.69	0	3,676.11	0		0		0		0		0	
1/4	2,634.00	1/4	2,896.79	1/4	3,169.67	1/4	3,420.01	1/4	3,681.39	1/4		1/4		1/4		1/4		1/4	
1/2	2,639.48	1/2	2,902.27	1/2	3,175.12	1/2	3,425.44	1/2	3,686.67	1/2		1/2		1/2		1/2		1/2	
3/4	2,644.95	3/4	2,907.74	3/4	3,170.47	3/4	3,430.86	3/4	3,691.95	3/4		3/4		3/4		3/4		3/4	
1	2,650.43	1	2,913.22	1	3,175.92	1	3,436.29	1	3,697.23	1		1		1		1		1	
1 1/4	2,655.90	1 1/4	2,918.69	1 1/4	3,181.34	1 1/4	3,441.73	1 1/4	3,701.93	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,661.38	1 1/2	2,924.17	1 1/2	3,186.76	1 1/2	3,447.16	1 1/2	3,706.64	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
2	2,666.85	2	2,929.64	2	3,192.19	2	3,452.60	2	3,711.34	2		2		2		2		2	
2 1/4	2,672.33	2 1/4	2,935.12	2 1/4	3,197.61	2 1/4	3,458.04	2 1/4	3,716.05	2 1/4		2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	2,677.80	2 1/2	2,940.59	2 1/2	3,203.03	2 1/2	3,463.49	2 1/2	3,719.96	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
3	2,683.27	3	2,946.07	3	3,208.46	3	3,468.94	3	3,723.87	3		3		3		3		3	
3 1/4	2,688.75	3 1/4	2,951.54	3 1/4	3,213.88	3 1/4	3,474.40	3 1/4	3,727.78	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	2,694.22	3 1/2	2,957.02	3 1/2	3,219.31	3 1/2	3,479.85	3 1/2	3,731.69	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
4	2,699.69	4	2,962.49	4	3,224.73	4	3,485.30	4	3,734.82	4		4		4		4		4	
4 1/4	2,705.17	4 1/4	2,967.97	4 1/4	3,230.16	4 1/4	3,490.75	4 1/4	3,737.96	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	2,710.64	4 1/2	2,973.44	4 1/2	3,235.58	4 1/2	3,496.21	4 1/2	3,741.08	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
5	2,716.12	5	2,978.92	5	3,241.01	5	3,501.66	5	3,744.21	5		5		5		5		5	
5 1/4	2,721.59	5 1/4	2,984.39	5 1/4	3,246.43	5 1/4	3,507.11	5 1/4	3,746.56	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	2,727.07	5 1/2	2,989.87	5 1/2	3,251.86	5 1/2	3,512.56	5 1/2	3,749.00	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
6	2,732.54	6	2,995.34	6	3,257.28	6	3,518.01	6	3,751.24	6		6		6		6		6	
6 1/4	2,738.02	6 1/4	3,000.82	6 1/4	3,262.71	6 1/4	3,523.46	6 1/4	3,753.59	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	2,743.49	6 1/2	3,006.29	6 1/2	3,268.13	6 1/2	3,528.91	6 1/2	3,755.15	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
7	2,748.97	7	3,011.77	7	3,273.56	7	3,534.36	7	3,756.72	7		7		7		7		7	
7 1/4	2,754.44	7 1/4	3,017.24	7 1/4	3,278.98	7 1/4	3,539.82	7 1/4	3,758.28	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	2,759.92	7 1/2	3,022.72	7 1/2	3,284.41	7 1/2	3,545.27	7 1/2	3,759.85	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
8	2,765.39	8	3,028.19	8	3,289.83	8	3,550.72	8	3,760.63	8		8		8		8		8	
8 1/4	2,770.87	8 1/4	3,033.67	8 1/4	3,295.25	8 1/4	3,556.17	8 1/4	3,761.41	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	2,776.34	8 1/2	3,039.14	8 1/2	3,300.68	8 1/2	3,561.63	8 1/2	3,762.20	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
9	2,781.82	9	3,044.62	9	3,306.10	9	3,567.08	9	3,762.98	9		9		9		9		9	
9 1/4	2,787.29	9 1/4	3,050.09	9 1/4	3,311.52	9 1/4	3,572.53	9 1/4	3,763.37	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	2,792.77	9 1/2	3,055.57	9 1/2	3,316.95	9 1/2	3,577.98	9 1/2	3,763.76	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
10	2,798.24	10	3,061.04	10	3,322.37	10	3,583.43	10		10		10		10		10		10	
10 1/4	2,803.72	10 1/4	3,066.52	10 1/4	3,327.80	10 1/4	3,588.88	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	2,809.19	10 1/2	3,071.99	10 1/2	3,333.22	10 1/2	3,594.33	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
11	2,814.67	11	3,077.47	11	3,338.66	11	3,599.78	11		11		11		11		11		11	
11 1/4	2,820.14	11 1/4	3,082.94	11 1/4	3,344.07	11 1/4	3,605.24	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	2,825.62	11 1/2	3,088.42	11 1/2	3,349.60	11 1/2	3,610.69	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
12	2,831.09	12	3,093.89	12	3,354.92	12	3,616.14	12		12		12		12		12		12	
12 1/4	2,836.57	12 1/4	3,099.37	12 1/4	3,360.35	12 1/4	3,621.59	12 1/4		12 1/4		12 1/4		12 1/4		12 1/4		12 1/4	
12 1/2	2,842.04	12 1/2	3,104.84	12 1/2	3,365.77	12 1/2	3,627.05	12 1/2		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2	
13	2,847.52	13	3,110.32	13	3,371.20	13	3,632.50	13		13		13		13		13		13	
13 1/4	2,852.99	13 1/4	3,115.79	13 1/4	3,376.62	13 1/4	3,637.95	13 1/4		13 1/4		13 1/4		13 1/4		13 1/4		13 1/4	
13 1/2	2,858.47	13 1/2	3,121.27	13 1/2	3,382.05	13 1/2	3,643.40	13 1/2		13 1/2		13 1/2		13 1/2		13 1/2		13 1/2	
14	2,863.94	14	3,126.74	14	3,387.47	14	3,648.85	14		14		14		14		14		14	
14 1/4	2,869.42	14 1/4	3,132.22	14 1/4	3,392.90	14 1/4	3,654.30	14 1/4		14 1/4		14 1/4		14 1/4		14 1/4		14 1/4	
14 1/2	2,874.89	14 1/2	3,137.69	14 1/2	3,398.32	14 1/2	3,659.75	14 1/2		14 1/2		14 1/2		14 1/2		14 1/2		14 1/2	
15	2,880.37	15	3,143.17	15	3,403.74	15	3,665.20	15		15		15		15		15		15	
15 1/4	2,885.84	15 1/4	3,148.64	15 1/4	3,409.17	15 1/4	3,670.66	15 1/4		15 1/4		15 1/4		15 1/4		15 1/4		15 1/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/23/2002 ITS
DECK MEASUREMENTS: 04/03/2012 SW
REPRINTED: 04/03/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

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



BARGE "WEB 314"

4 CENTER INNAGE TABLE

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

GAUGE HEIGHT 16'-00" 1/4"

N	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	9.79	465.62	945.32	1,424.68	1,904.22	2,383.87	2,863.49	3,343.18	3,822.83	4,302.25
1/4	15.21	475.62	955.31	1,434.58	1,914.21	2,393.86	2,873.48	3,353.14	3,832.82	4,312.22
1/2	20.63	485.61	965.30	1,444.57	1,924.21	2,403.85	2,883.47	3,363.13	3,842.82	4,322.19
3/4	26.04	495.61	975.30	1,454.57	1,934.20	2,413.85	2,893.47	3,373.13	3,852.81	4,332.16
1	31.46	505.60	985.29	1,464.56	1,944.19	2,423.84	2,903.46	3,383.12	3,862.81	4,342.13
1/4	40.01	515.59	995.28	1,474.56	1,954.18	2,433.83	2,913.45	3,393.11	3,872.80	4,352.10
1/2	48.56	525.59	1,005.28	1,484.55	1,964.18	2,443.82	2,923.44	3,403.11	3,882.79	4,362.07
3/4	57.10	535.58	1,015.28	1,494.55	1,974.17	2,453.82	2,933.44	3,413.10	3,892.79	4,372.05
2	66.65	545.57	1,025.27	1,504.54	1,984.16	2,463.81	2,943.43	3,423.10	3,902.78	4,382.02
1/4	75.66	555.57	1,035.26	1,514.54	1,994.16	2,473.80	2,953.42	3,433.09	3,912.77	4,391.99
1/2	85.66	565.56	1,045.26	1,524.53	2,004.15	2,483.79	2,963.41	3,443.08	3,922.77	4,401.96
3/4	95.67	575.56	1,055.25	1,534.53	2,014.14	2,493.79	2,973.41	3,453.08	3,932.76	4,411.94
3	105.67	585.55	1,065.24	1,544.52	2,024.13	2,503.78	2,983.40	3,463.07	3,942.76	4,421.91
1/4	115.68	595.54	1,075.24	1,554.51	2,034.12	2,513.77	2,993.39	3,473.06	3,952.75	4,431.88
1/2	125.68	605.54	1,085.23	1,564.51	2,044.12	2,523.76	3,003.38	3,483.06	3,962.74	4,441.85
3/4	135.69	615.53	1,095.23	1,574.50	2,054.11	2,533.76	3,013.38	3,493.05	3,972.74	4,451.83
4	145.69	625.52	1,105.22	1,584.49	2,064.10	2,543.75	3,023.37	3,503.05	3,982.73	4,461.80
1/4	155.70	635.52	1,115.21	1,594.48	2,074.09	2,553.74	3,033.36	3,513.04	3,992.72	4,471.77
1/2	165.70	645.51	1,125.21	1,604.46	2,084.09	2,563.73	3,043.35	3,523.03	4,002.71	4,481.74
3/4	175.71	655.51	1,135.20	1,614.45	2,094.08	2,573.73	3,053.35	3,533.03	4,012.71	4,491.71
5	185.71	665.50	1,145.19	1,624.43	2,104.07	2,583.72	3,063.34	3,543.02	4,022.70	4,501.68
1/4	195.72	675.49	1,155.17	1,634.42	2,114.07	2,593.71	3,073.33	3,553.01	4,032.69	4,511.65
1/2	205.72	685.49	1,165.16	1,644.42	2,124.06	2,603.70	3,083.32	3,563.00	4,042.69	4,521.62
3/4	215.73	695.48	1,175.13	1,654.41	2,134.06	2,613.70	3,093.32	3,573.00	4,052.68	4,531.60
6	225.73	705.47	1,185.11	1,664.40	2,144.05	2,623.69	3,103.31	3,582.99	4,062.68	4,541.57
1/4	235.74	715.47	1,195.09	1,674.39	2,154.04	2,633.68	3,113.30	3,592.98	4,072.67	4,551.54
1/2	245.74	725.46	1,205.08	1,684.39	2,164.04	2,643.67	3,123.29	3,602.98	4,082.66	4,561.51
3/4	255.75	735.46	1,215.04	1,694.38	2,174.03	2,653.66	3,133.29	3,612.97	4,092.66	4,571.49
7	265.75	745.45	1,225.01	1,704.37	2,184.02	2,663.65	3,143.28	3,622.97	4,102.65	4,581.46
1/4	275.74	755.44	1,234.98	1,714.36	2,194.01	2,673.64	3,153.27	3,632.96	4,112.64	4,591.43
1/2	285.74	765.43	1,244.96	1,724.36	2,204.01	2,683.63	3,163.27	3,642.95	4,122.63	4,601.40
3/4	295.73	775.43	1,254.93	1,734.35	2,214.00	2,693.63	3,173.26	3,652.95	4,132.63	4,611.38
8	305.72	785.42	1,264.90	1,744.34	2,223.99	2,703.62	3,183.26	3,662.94	4,142.62	4,621.35
1/4	315.72	795.41	1,274.88	1,754.33	2,233.98	2,713.61	3,193.25	3,672.93	4,152.61	4,631.32
1/2	325.71	805.41	1,284.85	1,764.33	2,243.98	2,723.60	3,203.24	3,682.92	4,162.60	4,641.29
3/4	335.71	815.40	1,294.83	1,774.32	2,253.97	2,733.59	3,213.24	3,692.92	4,172.60	4,651.26
9	345.70	825.40	1,304.80	1,784.31	2,263.96	2,743.58	3,223.23	3,702.91	4,182.59	4,661.23
1/4	355.69	835.39	1,314.78	1,794.30	2,273.95	2,753.57	3,233.22	3,712.90	4,192.58	4,671.20
1/2	365.69	845.38	1,324.75	1,804.30	2,283.95	2,763.56	3,243.21	3,722.90	4,202.53	4,681.17
3/4	375.68	855.38	1,334.73	1,814.29	2,293.94	2,773.56	3,253.21	3,732.89	4,212.50	4,691.15
10	385.67	865.37	1,344.70	1,824.28	2,303.93	2,783.55	3,263.20	3,742.89	4,222.47	4,701.12
1/4	395.67	875.36	1,354.68	1,834.27	2,313.92	2,793.54	3,273.19	3,752.88	4,232.44	4,711.09
1/2	405.66	885.36	1,364.65	1,844.27	2,323.91	2,803.53	3,283.19	3,762.87	4,242.41	4,721.06
3/4	415.66	895.35	1,374.63	1,854.26	2,333.91	2,813.53	3,293.18	3,772.87	4,252.39	4,731.04
11	425.65	905.34	1,384.60	1,864.25	2,343.90	2,823.52	3,303.18	3,782.86	4,262.36	4,741.01
1/4	435.64	915.33	1,394.60	1,874.24	2,353.89	2,833.51	3,313.17	3,792.85	4,272.33	4,750.98
1/2	445.64	925.33	1,404.59	1,884.24	2,363.88	2,843.51	3,323.16	3,802.84	4,282.30	4,760.95
3/4	455.63	935.32	1,414.59	1,894.23	2,373.88	2,853.50	3,333.16	3,812.84	4,292.28	4,770.92

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 6'-00" OFF CENTERLINE AND 26'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77586
<http://www.pmacorp.net>



BARGE WEB 314"

4 CENTRAL INNAGE TABLE

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

GAUGE HEIGHT 16'-00 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	4,780.89	0	5,247.70	0	5,588.12	0	5,921.75	0	6,255.18	0	0	0	0	0	0	0	0	0	0
1/4	4,790.86	1/4	5,265.60	1/4	5,595.12	1/4	5,928.70	1/4	6,262.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4,800.83	1/2	5,263.29	1/2	5,602.12	1/2	5,935.64	1/2	6,268.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	4,810.81	3/4	5,271.09	3/4	5,609.12	3/4	5,942.59	3/4	6,275.83	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	4,820.78	1	5,278.89	1	5,616.12	1	5,949.54	1	6,282.71	1	1	1	1	1	1	1	1	1	1
1 1/4	4,830.75	1 1/4	5,286.13	1 1/4	5,623.06	1 1/4	5,956.46	1 1/4	6,289.03	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	4,840.72	1 1/2	5,293.37	1 1/2	5,630.01	1 1/2	5,963.43	1 1/2	6,295.35	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	4,850.70	3/4	5,300.61	3/4	5,636.95	3/4	5,970.37	3/4	6,301.68	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	4,860.67	2	5,307.85	2	5,643.90	2	5,977.32	2	6,308.00	2	2	2	2	2	2	2	2	2	2
1 1/4	4,870.64	1 1/4	5,314.86	1 1/4	5,650.85	1 1/4	5,984.27	1 1/4	6,313.32	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	4,880.61	1 1/2	5,321.86	1 1/2	5,657.79	1 1/2	5,991.21	1 1/2	6,318.64	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	4,890.59	3/4	5,328.87	3/4	5,664.74	3/4	5,998.16	3/4	6,323.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	4,900.56	3	5,335.88	3	5,671.69	3	6,005.11	3	6,329.28	3	3	3	3	3	3	3	3	3	3
1 3/4	4,910.53	1 3/4	5,342.89	1 3/4	5,678.63	1 3/4	6,012.05	1 3/4	6,333.60	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
1 1/2	4,920.50	1 1/2	5,349.89	1 1/2	5,685.58	1 1/2	6,019.00	1 1/2	6,337.91	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	4,930.47	3/4	5,356.90	3/4	5,692.52	3/4	6,025.94	3/4	6,342.23	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4,940.44	4	5,363.91	4	5,699.47	4	6,032.89	4	6,346.55	4	4	4	4	4	4	4	4	4	4
1 1/4	4,950.41	1 1/4	5,370.91	1 1/4	5,706.42	1 1/4	6,039.84	1 1/4	6,349.87	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	4,960.38	1 1/2	5,377.92	1 1/2	5,713.36	1 1/2	6,046.78	1 1/2	6,353.18	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	4,970.36	3/4	5,384.92	3/4	5,720.31	3/4	6,053.73	3/4	6,356.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	4,980.33	5	5,391.93	5	5,727.26	5	6,060.68	5	6,359.82	5	5	5	5	5	5	5	5	5	5
1 3/4	4,990.30	1 3/4	5,398.94	1 3/4	5,734.20	1 3/4	6,067.63	1 3/4	6,362.13	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
1 1/2	5,000.27	1 1/2	5,405.94	1 1/2	5,741.15	1 1/2	6,074.57	1 1/2	6,364.45	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	5,010.25	3/4	5,412.95	3/4	5,748.09	3/4	6,081.52	3/4	6,366.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	5,020.22	6	5,419.96	6	5,755.04	6	6,088.47	6	6,369.08	6	6	6	6	6	6	6	6	6	6
1 1/4	5,030.19	1 1/4	5,426.97	1 1/4	5,761.99	1 1/4	6,095.41	1 1/4	6,370.39	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	5,040.16	1 1/2	5,433.97	1 1/2	5,768.93	1 1/2	6,102.36	1 1/2	6,371.70	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	5,050.13	3/4	5,440.98	3/4	5,775.88	3/4	6,109.30	3/4	6,373.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	5,060.10	7	5,447.99	7	5,782.83	7	6,116.25	7	6,374.33	7	7	7	7	7	7	7	7	7	7
1 1/4	5,070.07	1 1/4	5,454.99	1 1/4	5,789.77	1 1/4	6,123.20	1 1/4	6,374.77	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	5,080.04	1 1/2	5,462.00	1 1/2	5,796.72	1 1/2	6,130.14	1 1/2	6,375.20	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	5,090.02	3/4	5,469.00	3/4	5,803.66	3/4	6,137.09	3/4	6,375.64	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	5,099.99	8	5,476.01	8	5,810.61	8	6,144.04	8	6,375.06	8	8	8	8	8	8	8	8	8	8
1 3/4	5,109.92	1 3/4	5,483.02	1 3/4	5,817.56	1 3/4	6,150.98	1 3/4	6,374.48	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
1 1/2	5,119.86	1 1/2	5,490.02	1 1/2	5,824.50	1 1/2	6,157.93	1 1/2	6,373.91	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	5,129.79	3/4	5,497.03	3/4	5,831.45	3/4	6,164.87	3/4	6,373.34	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	5,139.73	9	5,504.04	9	5,838.40	9	6,171.82	9	6,372.77	9	9	9	9	9	9	9	9	9	9
1 1/4	5,149.33	1 1/4	5,511.05	1 1/4	5,845.34	1 1/4	6,178.77	1 1/4	6,372.20	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	5,158.92	1 1/2	5,518.05	1 1/2	5,852.29	1 1/2	6,185.71	1 1/2	6,371.63	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	5,168.52	3/4	5,525.06	3/4	5,859.23	3/4	6,192.66	3/4	6,371.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	5,178.12	10	5,532.07	10	5,866.16	10	6,199.61	10	6,370.49	10	10	10	10	10	10	10	10	10	10
1 1/4	5,187.12	1 1/4	5,539.07	1 1/4	5,873.13	1 1/4	6,206.55	1 1/4	6,369.92	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	5,196.11	1 1/2	5,546.08	1 1/2	5,880.07	1 1/2	6,213.50	1 1/2	6,369.35	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	5,205.11	3/4	5,553.08	3/4	5,887.02	3/4	6,220.44	3/4	6,368.78	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	5,214.11	11	5,560.09	11	5,893.97	11	6,227.39	11	6,368.21	11	11	11	11	11	11	11	11	11	11
1 1/4	5,222.51	1 1/4	5,567.10	1 1/4	5,900.91	1 1/4	6,234.34	1 1/4	6,367.64	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	5,230.90	1 1/2	5,574.10	1 1/2	5,907.85	1 1/2	6,241.28	1 1/2	6,367.07	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	5,239.30	3/4	5,581.11	3/4	5,914.80	3/4	6,248.23	3/4	6,366.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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