



BARGE "NGL 3140"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

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

July 21, 2014

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

<http://www.pmacorp.net>





BARGE "NGL 3140"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
0		0	5,147.29	0	4,818.40	0	4,467.59	0	4,116.77	0	3,765.96	0	3,415.16	0	3,064.36	0	2,713.56	0	2,362.77		
1/4	1/4	1/4	5,143.03	1/4	4,811.09	1/4	4,460.28	1/4	4,109.46	1/4	3,758.65	1/4	3,407.85	1/4	3,057.05	1/4	2,706.25	1/4	2,355.46		
1/2	1/2	1/2	5,138.77	1/2	4,803.79	1/2	4,452.97	1/2	4,102.16	1/2	3,751.34	1/2	3,400.55	1/2	3,049.75	1/2	2,698.95	1/2	2,348.15		
3/4	3/4	3/4	5,134.50	3/4	4,796.48	3/4	4,445.66	3/4	4,094.85	3/4	3,744.03	3/4	3,393.24	3/4	3,042.44	3/4	2,691.64	3/4	2,340.84		
1		1	5,130.24	1	4,789.17	1	4,438.35	1	4,087.54	1	3,736.72	1	3,385.93	1	3,035.13	1	2,684.33	1	2,333.53		
1/4	1/4	1/4	5,124.76	1/4	4,781.86	1/4	4,431.04	1/4	4,080.23	1/4	3,729.41	1/4	3,378.62	1/4	3,027.82	1/4	2,677.02	1/4	2,326.22		
1/2	1/2	1/2	5,119.28	1/2	4,774.55	1/2	4,423.74	1/2	4,072.92	1/2	3,722.11	1/2	3,371.31	1/2	3,020.52	1/2	2,669.72	1/2	2,318.92		
3/4	3/4	3/4	5,113.79	3/4	4,767.24	3/4	4,416.43	3/4	4,065.61	3/4	3,714.80	3/4	3,364.00	3/4	3,013.21	3/4	2,662.41	3/4	2,311.61		
2		2	5,108.31	2	4,759.93	2	4,409.12	2	4,058.30	2	3,707.49	2	3,356.69	2	3,005.90	2	2,655.10	2	2,304.30		
1/4	1/4	1/4	5,101.61	1/4	4,752.62	1/4	4,401.81	1/4	4,050.99	1/4	3,700.18	1/4	3,349.38	1/4	2,998.59	1/4	2,647.79	1/4	2,296.99		
1/2	1/2	1/2	5,094.91	1/2	4,745.32	1/2	4,394.50	1/2	4,043.69	1/2	3,692.88	1/2	3,342.08	1/2	2,991.28	1/2	2,640.48	1/2	2,289.69		
3/4	3/4	3/4	5,088.21	3/4	4,738.01	3/4	4,387.19	3/4	4,036.38	3/4	3,685.57	3/4	3,334.77	3/4	2,983.97	3/4	2,633.17	3/4	2,282.38		
3		3	5,081.51	3	4,730.70	3	4,379.88	3	4,029.07	3	3,678.26	3	3,327.46	3	2,976.66	3	2,625.86	3	2,275.07		
1/4	1/4	1/4	5,074.20	1/4	4,723.39	1/4	4,372.57	1/4	4,021.76	1/4	3,670.95	1/4	3,320.15	1/4	2,969.35	1/4	2,618.55	1/4	2,267.76		
1/2	1/2	1/2	5,066.90	1/2	4,716.08	1/2	4,365.27	1/2	4,014.45	1/2	3,663.64	1/2	3,312.85	1/2	2,962.05	1/2	2,611.25	1/2	2,260.45		
3/4	3/4	3/4	5,059.59	3/4	4,708.77	3/4	4,357.96	3/4	4,007.14	3/4	3,656.33	3/4	3,305.54	3/4	2,954.74	3/4	2,603.94	3/4	2,253.14		
4		4	5,052.28	4	4,701.46	4	4,350.65	4	3,999.83	4	3,649.02	4	3,298.23	4	2,947.43	4	2,596.63	4	2,245.83		
1/4	1/4	1/4	5,044.97	1/4	4,694.15	1/4	4,343.34	1/4	3,992.52	1/4	3,641.71	1/4	3,290.92	1/4	2,940.12	1/4	2,589.32	1/4	2,238.52		
1/2	1/2	1/2	5,037.66	1/2	4,686.85	1/2	4,336.03	1/2	3,985.22	1/2	3,634.41	1/2	3,283.61	1/2	2,932.82	1/2	2,582.02	1/2	2,231.22		
3/4	3/4	3/4	5,030.35	3/4	4,679.54	3/4	4,328.72	3/4	3,977.91	3/4	3,627.10	3/4	3,276.30	3/4	2,925.51	3/4	2,574.71	3/4	2,223.91		
5		5	5,023.04	5	4,672.23	5	4,321.41	5	3,970.60	5	3,619.79	5	3,268.99	5	2,918.20	5	2,567.40	5	2,216.60		
1/4	1/4	1/4	5,015.73	1/4	4,664.92	1/4	4,314.10	1/4	3,963.29	1/4	3,612.48	1/4	3,261.68	1/4	2,910.89	1/4	2,560.09	1/4	2,209.29		
1/2	1/2	1/2	5,008.43	1/2	4,657.61	1/2	4,306.80	1/2	3,955.98	1/2	3,605.18	1/2	3,254.38	1/2	2,903.58	1/2	2,552.79	1/2	2,201.99		
3/4	3/4	3/4	5,001.12	3/4	4,650.30	3/4	4,299.49	3/4	3,948.67	3/4	3,597.87	3/4	3,247.07	3/4	2,896.27	3/4	2,545.48	3/4	2,194.68		
6		6	4,993.81	6	4,642.99	6	4,292.18	6	3,941.36	6	3,590.56	6	3,239.76	6	2,888.96	6	2,538.17	6	2,187.37		
1/4	1/4	1/4	4,986.50	1/4	4,635.68	1/4	4,284.87	1/4	3,934.05	1/4	3,583.25	1/4	3,232.45	1/4	2,881.65	1/4	2,530.86	1/4	2,180.06		
1/2	1/2	1/2	4,979.20	1/2	4,628.38	1/2	4,277.56	1/2	3,926.75	1/2	3,575.94	1/2	3,225.15	1/2	2,874.35	1/2	2,523.55	1/2	2,172.75		
3/4	3/4	3/4	4,971.89	3/4	4,621.07	3/4	4,270.25	3/4	3,919.44	3/4	3,568.63	3/4	3,217.84	3/4	2,867.04	3/4	2,516.24	3/4	2,165.44		
7		7	4,964.58	7	4,613.76	7	4,262.94	7	3,912.13	7	3,561.32	7	3,210.53	7	2,859.73	7	2,508.93	7	2,158.13		
1/4	1/4	1/4	4,957.27	1/4	4,606.45	1/4	4,255.63	1/4	3,904.82	1/4	3,554.01	1/4	3,203.22	1/4	2,852.42	1/4	2,501.62	1/4	2,150.82		
1/2	1/2	1/2	4,949.96	1/2	4,599.15	1/2	4,248.33	1/2	3,897.51	1/2	3,546.71	1/2	3,195.91	1/2	2,845.12	1/2	2,494.32	1/2	2,143.52		
3/4	3/4	3/4	4,942.65	3/4	4,591.84	3/4	4,241.02	3/4	3,890.20	3/4	3,539.40	3/4	3,188.60	3/4	2,837.81	3/4	2,487.01	3/4	2,136.21		
8		8	4,935.34	8	4,584.53	8	4,233.71	8	3,882.89	8	3,532.09	8	3,181.29	8	2,830.50	8	2,479.70	8	2,128.90		
1/4	1/4	1/4	4,928.03	1/4	4,577.22	1/4	4,226.40	1/4	3,875.58	1/4	3,524.78	1/4	3,173.98	1/4	2,823.19	1/4	2,472.39	1/4	2,121.59		
1/2	1/2	1/2	4,920.73	1/2	4,569.91	1/2	4,219.09	1/2	3,868.28	1/2	3,517.48	1/2	3,166.68	1/2	2,815.88	1/2	2,465.09	1/2	2,114.29		
3/4	3/4	3/4	4,913.42	3/4	4,562.60	3/4	4,211.78	3/4	3,860.97	3/4	3,510.17	3/4	3,159.37	3/4	2,808.57	3/4	2,457.78	3/4	2,106.98		
9		9	4,906.11	9	4,555.29	9	4,204.47	9	3,853.66	9	3,502.86	9	3,152.06	9	2,801.26	9	2,450.47	9	2,099.67		
1/4	1/4	1/4	5,169.22	1/4	4,898.80	1/4	4,547.98	1/4	4,197.16	1/4	3,846.35	1/4	3,495.55	1/4	3,144.75	1/4	2,793.95	1/4	2,443.16	1/4	2,092.36
1/2	1/2	1/2	5,168.41	1/2	4,891.49	1/2	4,540.68	1/2	4,189.86	1/2	3,839.04	1/2	3,488.25	1/2	3,137.45	1/2	2,786.65	1/2	2,435.85	1/2	2,085.05
3/4	3/4	3/4	5,167.59	3/4	4,884.18	3/4	4,533.37	3/4	4,182.55	3/4	3,831.73	3/4	3,480.94	3/4	3,130.14	3/4	2,779.34	3/4	2,428.54	3/4	2,077.74
10		10	5,166.78	10	4,876.87	10	4,526.06	10	4,175.24	10	3,824.42	10	3,473.63	10	3,122.83	10	2,772.03	10	2,421.23	10	2,070.43
1/4	1/4	1/4	5,164.95	1/4	4,869.56	1/4	4,518.75	1/4	4,167.93	1/4	3,817.11	1/4	3,466.32	1/4	3,115.52	1/4	2,764.72	1/4	2,413.92	1/4	2,063.12
1/2	1/2	1/2	5,163.13	1/2	4,862.26	1/2	4,511.44	1/2	4,160.63	1/2	3,809.81	1/2	3,459.01	1/2	3,108.21	1/2	2,757.42	1/2	2,406.62	1/2	2,055.82
3/4	3/4	3/4	5,161.30	3/4	4,854.95	3/4	4,504.13	3/4	4,153.32	3/4	3,802.50	3/4	3,451.70	3/4	3,100.90	3/4	2,750.11	3/4	2,399.31	3/4	2,048.51
11		11	5,159.47	11	4,847.64	11	4,496.82	11	4,146.01	11	3,795.19	11	3,444.39	11	3,093.59	11	2,742.80	11	2,392.00	11	2,041.20
1/4	1/4	1/4	5,156.43	1/4	4,840.33	1/4	4,489.51	1/4	4,138.70	1/4	3,787.88	1/4	3,437.08	1/4	3,086.28	1/4	2,735.49	1/4	2,384.69	1/4	2,033.89
1/2	1/2	1/2	5,153.38	1/2	4,833.02	1/2	4,482.21	1/2	4,131.39	1/2	3,780.58	1/2	3,429.78	1/2	3,078.98	1/2	2,728.18	1/2	2,377.39	1/2	2,026.59
3/4	3/4	3/4	5,150.34	3/4	4,825.71	3/4	4,474.90	3/4	4,124.08	3/4	3,773.27	3/4	3,422.47	3/4	3,071.67	3/4	2,720.87	3/4	2,370.08	3/4	2,019.28

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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





BARGE "NGL 3140"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 15'-09"

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	
0	2,011.97	0	1,661.17	0	1,310.43	0	959.71	0	610.05	0	262.06	0		0		0		0	
1/4	2,004.66	1/4	1,653.86	1/4	1,303.12	1/4	952.40	1/4	602.83	1/4	254.81	1/4		1/4		1/4		1/4	
1/2	1,997.36	1/2	1,646.56	1/2	1,295.82	1/2	945.10	1/2	595.61	1/2	247.56	1/2		1/2		1/2		1/2	
3/4	1,990.05	3/4	1,639.25	3/4	1,288.51	3/4	937.79	3/4	588.38	3/4	240.30	3/4		3/4		3/4		3/4	
1	1,982.74	1	1,631.94	1	1,281.20	1	930.48	1	581.16	1	233.05	1		1		1		1	
1/4	1,975.43	1/4	1,624.64	1/4	1,273.89	1/4	923.18	1/4	573.91	1/4	225.80	1/4		1/4		1/4		1/4	
1/2	1,968.12	1/2	1,617.33	1/2	1,266.58	1/2	915.87	1/2	566.66	1/2	218.55	1/2		1/2		1/2		1/2	
3/4	1,960.81	3/4	1,610.03	3/4	1,259.27	3/4	908.57	3/4	559.40	3/4	211.29	3/4		3/4		3/4		3/4	
2	1,953.50	2	1,602.72	2	1,251.96	2	901.26	2	552.15	2	204.04	2		2		2		2	
1/4	1,946.19	1/4	1,595.41	1/4	1,244.66	1/4	893.95	1/4	544.90	1/4	196.79	1/4		1/4		1/4		1/4	
1/2	1,938.89	1/2	1,588.11	1/2	1,237.35	1/2	886.65	1/2	537.65	1/2	189.54	1/2		1/2		1/2		1/2	
3/4	1,931.58	3/4	1,580.80	3/4	1,230.05	3/4	879.34	3/4	530.39	3/4	182.28	3/4		3/4		3/4		3/4	
3	1,924.27	3	1,573.49	3	1,222.74	3	872.03	3	523.14	3	175.03	3		3		3		3	
1/4	1,916.96	1/4	1,566.19	1/4	1,215.43	1/4	864.73	1/4	515.89	1/4	167.78	1/4		1/4		1/4		1/4	
1/2	1,909.66	1/2	1,558.88	1/2	1,208.13	1/2	857.42	1/2	508.64	1/2	160.53	1/2		1/2		1/2		1/2	
3/4	1,902.35	3/4	1,551.58	3/4	1,200.82	3/4	850.12	3/4	501.38	3/4	153.27	3/4		3/4		3/4		3/4	
4	1,895.04	4	1,544.27	4	1,193.51	4	842.81	4	494.13	4	146.02	4		4		4		4	
1/4	1,887.73	1/4	1,536.96	1/4	1,186.21	1/4	835.50	1/4	486.88	1/4	138.77	1/4		1/4		1/4		1/4	
1/2	1,880.42	1/2	1,529.66	1/2	1,178.90	1/2	828.20	1/2	479.63	1/2	131.52	1/2		1/2		1/2		1/2	
3/4	1,873.11	3/4	1,522.35	3/4	1,171.60	3/4	820.89	3/4	472.37	3/4	124.26	3/4		3/4		3/4		3/4	
5	1,865.80	5	1,515.04	5	1,164.29	5	813.58	5	465.12	5	117.01	5		5		5		5	
1/4	1,858.49	1/4	1,507.73	1/4	1,156.98	1/4	806.30	1/4	457.87	1/4	109.76	1/4		1/4		1/4		1/4	
1/2	1,851.19	1/2	1,500.43	1/2	1,149.68	1/2	799.03	1/2	450.62	1/2	102.51	1/2		1/2		1/2		1/2	
3/4	1,843.88	3/4	1,493.12	3/4	1,142.37	3/4	791.75	3/4	443.37	3/4	95.25	3/4		3/4		3/4		3/4	
6	1,836.57	6	1,485.81	6	1,135.06	6	784.47	6	436.12	6	88.00	6		6		6		6	
1/4	1,829.26	1/4	1,478.51	1/4	1,127.76	1/4	777.20	1/4	428.87	1/4	80.75	1/4		1/4		1/4		1/4	
1/2	1,821.96	1/2	1,471.20	1/2	1,120.45	1/2	769.92	1/2	421.62	1/2	73.50	1/2		1/2		1/2		1/2	
3/4	1,814.65	3/4	1,463.90	3/4	1,113.15	3/4	762.65	3/4	414.36	3/4	66.24	3/4		3/4		3/4		3/4	
7	1,807.34	7	1,456.59	7	1,105.84	7	755.37	7	407.11	7	58.99	7		7		7		7	
1/4	1,800.03	1/4	1,449.28	1/4	1,098.53	1/4	748.09	1/4	399.86	1/4	52.65	1/4		1/4		1/4		1/4	
1/2	1,792.72	1/2	1,441.98	1/2	1,091.23	1/2	740.82	1/2	392.61	1/2	46.31	1/2		1/2		1/2		1/2	
3/4	1,785.41	3/4	1,434.67	3/4	1,083.92	3/4	733.54	3/4	385.35	3/4	39.96	3/4		3/4		3/4		3/4	
8	1,778.10	8	1,427.36	8	1,076.61	8	726.26	8	378.10	8	33.62	8		8		8		8	
1/4	1,770.79	1/4	1,420.05	1/4	1,069.30	1/4	718.99	1/4	370.85	1/4	29.11	1/4		1/4		1/4		1/4	
1/2	1,763.49	1/2	1,412.75	1/2	1,062.00	1/2	711.71	1/2	363.60	1/2	24.59	1/2		1/2		1/2		1/2	
3/4	1,756.18	3/4	1,405.44	3/4	1,054.69	3/4	704.44	3/4	356.34	3/4	20.08	3/4		3/4		3/4		3/4	
9	1,748.87	9	1,398.13	9	1,047.38	9	697.16	9	349.09	9	15.56	9		9		9		9	
1/4	1,741.56	1/4	1,390.82	1/4	1,040.08	1/4	689.88	1/4	341.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,734.26	1/2	1,383.52	1/2	1,032.77	1/2	682.61	1/2	334.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,726.95	3/4	1,376.21	3/4	1,025.47	3/4	675.33	3/4	327.33	3/4		3/4		3/4		3/4		3/4	
10	1,719.64	10	1,368.90	10	1,018.16	10	668.05	10	320.08	10		10		10		10		10	
1/4	1,712.33	1/4	1,361.59	1/4	1,010.85	1/4	660.77	1/4	312.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,705.02	1/2	1,354.28	1/2	1,003.55	1/2	653.50	1/2	305.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,697.71	3/4	1,346.97	3/4	996.24	3/4	646.22	3/4	298.32	3/4		3/4		3/4		3/4		3/4	
11	1,690.40	11	1,339.66	11	988.93	11	638.94	11	291.07	11		11		11		11		11	
1/4	1,683.09	1/4	1,332.35	1/4	981.63	1/4	631.72	1/4	283.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,675.79	1/2	1,325.05	1/2	974.32	1/2	624.50	1/2	276.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,668.48	3/4	1,317.74	3/4	967.02	3/4	617.27	3/4	269.31	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/21/2004 CB
DECK MEASUREMENTS: 07/21/2014 SW
REPRINTED: 07/22/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "NGL 3140"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0	5,147.29	0	4,818.40	0	4,467.59	0	4,116.77	0	3,765.96	0	3,415.16	0	3,064.36	0	2,713.56	0	2,362.77		
1/4	1/4	1/4	5,143.03	1/4	4,811.09	1/4	4,460.28	1/4	4,109.46	1/4	3,758.65	1/4	3,407.85	1/4	3,057.05	1/4	2,706.25	1/4	2,355.46		
1/2	1/2	1/2	5,138.77	1/2	4,803.79	1/2	4,452.97	1/2	4,102.16	1/2	3,751.34	1/2	3,400.55	1/2	3,049.75	1/2	2,698.95	1/2	2,348.15		
3/4	3/4	3/4	5,134.50	3/4	4,796.48	3/4	4,445.66	3/4	4,094.85	3/4	3,744.03	3/4	3,393.24	3/4	3,042.44	3/4	2,691.64	3/4	2,340.84		
1		1	5,130.24	1	4,789.17	1	4,438.35	1	4,087.54	1	3,736.72	1	3,385.93	1	3,035.13	1	2,684.33	1	2,333.53		
1/4	1/4	1/4	5,124.76	1/4	4,781.86	1/4	4,431.04	1/4	4,080.23	1/4	3,729.41	1/4	3,378.62	1/4	3,027.82	1/4	2,677.02	1/4	2,326.22		
1/2	1/2	1/2	5,119.28	1/2	4,774.55	1/2	4,423.74	1/2	4,072.92	1/2	3,722.11	1/2	3,371.31	1/2	3,020.52	1/2	2,669.72	1/2	2,318.92		
3/4	3/4	3/4	5,113.79	3/4	4,767.24	3/4	4,416.43	3/4	4,065.61	3/4	3,714.80	3/4	3,364.00	3/4	3,013.21	3/4	2,662.41	3/4	2,311.61		
2		2	5,108.31	2	4,759.93	2	4,409.12	2	4,058.30	2	3,707.49	2	3,356.69	2	3,005.90	2	2,655.10	2	2,304.30		
1/4	1/4	1/4	5,101.61	1/4	4,752.62	1/4	4,401.81	1/4	4,050.99	1/4	3,700.18	1/4	3,349.38	1/4	2,998.59	1/4	2,647.79	1/4	2,296.99		
1/2	1/2	1/2	5,094.91	1/2	4,745.32	1/2	4,394.50	1/2	4,043.69	1/2	3,692.88	1/2	3,342.08	1/2	2,991.28	1/2	2,640.48	1/2	2,289.69		
3/4	3/4	3/4	5,088.21	3/4	4,738.01	3/4	4,387.19	3/4	4,036.38	3/4	3,685.57	3/4	3,334.77	3/4	2,983.97	3/4	2,633.17	3/4	2,282.38		
3		3	5,081.51	3	4,730.70	3	4,379.88	3	4,029.07	3	3,678.26	3	3,327.46	3	2,976.66	3	2,625.86	3	2,275.07		
1/4	1/4	1/4	5,074.20	1/4	4,723.39	1/4	4,372.57	1/4	4,021.76	1/4	3,670.95	1/4	3,320.15	1/4	2,969.35	1/4	2,618.55	1/4	2,267.76		
1/2	1/2	1/2	5,066.90	1/2	4,716.08	1/2	4,365.27	1/2	4,014.45	1/2	3,663.64	1/2	3,312.85	1/2	2,962.05	1/2	2,611.25	1/2	2,260.45		
3/4	3/4	3/4	5,059.59	3/4	4,708.77	3/4	4,357.96	3/4	4,007.14	3/4	3,656.33	3/4	3,305.54	3/4	2,954.74	3/4	2,603.94	3/4	2,253.14		
4		4	5,052.28	4	4,701.46	4	4,350.65	4	3,999.83	4	3,649.02	4	3,298.23	4	2,947.43	4	2,596.63	4	2,245.83		
1/4	1/4	1/4	5,044.97	1/4	4,694.15	1/4	4,343.34	1/4	3,992.52	1/4	3,641.71	1/4	3,290.92	1/4	2,940.12	1/4	2,589.32	1/4	2,238.52		
1/2	1/2	1/2	5,037.66	1/2	4,686.85	1/2	4,336.03	1/2	3,985.22	1/2	3,634.41	1/2	3,283.61	1/2	2,932.82	1/2	2,582.02	1/2	2,231.22		
3/4	3/4	3/4	5,030.35	3/4	4,679.54	3/4	4,328.72	3/4	3,977.91	3/4	3,627.10	3/4	3,272.30	3/4	2,925.51	3/4	2,574.71	3/4	2,223.91		
5		5	5,023.04	5	4,672.23	5	4,321.41	5	3,970.60	5	3,619.79	5	3,268.99	5	2,918.20	5	2,567.40	5	2,216.60		
1/4	1/4	1/4	5,015.73	1/4	4,664.92	1/4	4,314.10	1/4	3,963.29	1/4	3,612.48	1/4	3,261.68	1/4	2,910.89	1/4	2,560.09	1/4	2,209.29		
1/2	1/2	1/2	5,008.43	1/2	4,657.61	1/2	4,306.80	1/2	3,955.98	1/2	3,605.18	1/2	3,254.38	1/2	2,903.58	1/2	2,552.79	1/2	2,201.99		
3/4	3/4	3/4	5,001.12	3/4	4,650.30	3/4	4,299.49	3/4	3,948.67	3/4	3,597.87	3/4	3,247.07	3/4	2,896.27	3/4	2,545.48	3/4	2,194.68		
6		6	4,993.81	6	4,642.99	6	4,292.18	6	3,941.36	6	3,590.56	6	3,239.76	6	2,888.96	6	2,538.17	6	2,187.37		
1/4	1/4	1/4	4,986.50	1/4	4,635.68	1/4	4,284.87	1/4	3,934.05	1/4	3,583.25	1/4	3,232.45	1/4	2,881.65	1/4	2,530.86	1/4	2,180.06		
1/2	1/2	1/2	4,979.20	1/2	4,628.38	1/2	4,277.56	1/2	3,926.75	1/2	3,575.94	1/2	3,225.15	1/2	2,874.35	1/2	2,523.55	1/2	2,172.75		
3/4	3/4	3/4	4,971.89	3/4	4,621.07	3/4	4,270.25	3/4	3,919.44	3/4	3,568.63	3/4	3,217.84	3/4	2,867.04	3/4	2,516.24	3/4	2,165.44		
7		7	4,964.58	7	4,613.76	7	4,262.94	7	3,912.13	7	3,561.32	7	3,210.53	7	2,859.73	7	2,509.93	7	2,158.13		
1/4	1/4	1/4	4,957.27	1/4	4,606.45	1/4	4,255.63	1/4	3,904.82	1/4	3,554.01	1/4	3,203.22	1/4	2,852.42	1/4	2,501.62	1/4	2,150.82		
1/2	1/2	1/2	4,949.96	1/2	4,599.15	1/2	4,248.33	1/2	3,897.51	1/2	3,546.71	1/2	3,195.91	1/2	2,845.12	1/2	2,494.32	1/2	2,143.52		
3/4	3/4	3/4	4,942.65	3/4	4,591.84	3/4	4,241.02	3/4	3,890.20	3/4	3,539.40	3/4	3,188.60	3/4	2,837.81	3/4	2,487.01	3/4	2,136.21		
8		8	4,935.34	8	4,584.53	8	4,233.71	8	3,882.89	8	3,532.09	8	3,181.29	8	2,830.50	8	2,479.70	8	2,128.90		
1/4	1/4	1/4	4,928.03	1/4	4,577.22	1/4	4,226.40	1/4	3,875.58	1/4	3,524.78	1/4	3,173.98	1/4	2,823.19	1/4	2,472.39	1/4	2,121.59		
1/2	1/2	1/2	4,920.73	1/2	4,569.91	1/2	4,219.09	1/2	3,868.28	1/2	3,517.48	1/2	3,166.68	1/2	2,815.88	1/2	2,465.09	1/2	2,114.29		
3/4	3/4	3/4	4,913.42	3/4	4,562.60	3/4	4,211.78	3/4	3,860.97	3/4	3,510.17	3/4	3,159.37	3/4	2,808.57	3/4	2,457.78	3/4	2,106.98		
9		9	4,906.11	9	4,555.29	9	4,204.47	9	3,853.66	9	3,502.86	9	3,152.06	9	2,801.26	9	2,450.47	9	2,099.67		
1/4	1/4	1/4	5,169.22	1/4	4,898.80	1/4	4,547.98	1/4	4,197.16	1/4	3,846.35	1/4	3,495.55	1/4	3,144.75	1/4	2,793.95	1/4	2,443.16	1/4	2,092.36
1/2	1/2	1/2	5,168.41	1/2	4,891.49	1/2	4,540.68	1/2	4,189.86	1/2	3,839.04	1/2	3,488.25	1/2	3,137.45	1/2	2,786.65	1/2	2,435.85	1/2	2,085.05
3/4	3/4	3/4	5,167.59	3/4	4,884.18	3/4	4,533.37	3/4	4,182.55	3/4	3,831.73	3/4	3,480.94	3/4	3,130.14	3/4	2,779.34	3/4	2,428.54	3/4	2,077.74
10		10	5,166.78	10	4,876.87	10	4,526.06	10	4,175.24	10	3,824.42	10	3,473.63	10	3,122.83	10	2,772.03	10	2,421.23	10	2,070.43
1/4	1/4	1/4	5,164.95	1/4	4,869.56	1/4	4,518.75	1/4	4,167.93	1/4	3,817.11	1/4	3,466.32	1/4	3,115.52	1/4	2,764.72	1/4	2,413.92	1/4	2,063.12
1/2	1/2	1/2	5,163.13	1/2	4,862.26	1/2	4,511.44	1/2	4,160.63	1/2	3,809.81	1/2	3,459.01	1/2	3,108.21	1/2	2,757.42	1/2	2,406.62	1/2	2,055.82
3/4	3/4	3/4	5,161.30	3/4	4,854.95	3/4	4,504.13	3/4	4,153.32	3/4	3,802.50	3/4	3,451.70	3/4	3,100.90	3/4	2,750.11	3/4	2,399.31	3/4	2,048.51
11		11	5,159.47	11	4,847.64	11	4,496.82	11	4,146.01	11	3,795.19	11	3,444.39	11	3,093.59	11	2,742.80	11	2,392.00	11	2,041.20
1/4	1/4	1/4	5,156.43	1/4	4,840.33	1/4	4,489.51	1/4	4,138.70	1/4	3,787.88	1/4	3,437.08	1/4	3,086.28	1/4	2,735.49	1/4	2,384.69	1/4	2,033.89
1/2	1/2	1/2	5,153.38	1/2	4,833.02	1/2	4,482.21	1/2	4,131.39	1/2	3,780.58	1/2	3,429.78	1/2	3,078.98	1/2	2,728.18	1/2	2,377.39	1/2	2,026.59
3/4	3/4	3/4	5,150.34	3/4	4,825.71	3/4	4,474.90	3/4	4,124.08	3/4	3,773.27	3/4	3,422.47	3/4	3,071.67	3/4	2,720.87	3/4	2,370.08	3/4	2,019.28

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "NGL 3140"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 15'-09"

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	2,011.97	0	1,661.17	0	1,310.43	0	959.71	0	610.05	0	262.06	0		0		0		0	
1/4	2,004.66	1/4	1,653.86	1/4	1,303.12	1/4	952.40	1/4	602.83	1/4	254.81	1/4		1/4		1/4		1/4	
1/2	1,997.36	1/2	1,646.56	1/2	1,295.82	1/2	945.10	1/2	595.61	1/2	247.56	1/2		1/2		1/2		1/2	
3/4	1,990.05	3/4	1,639.25	3/4	1,288.51	3/4	937.79	3/4	588.38	3/4	240.30	3/4		3/4		3/4		3/4	
1	1,982.74	1	1,631.94	1	1,281.20	1	930.48	1	581.16	1	233.05	1		1		1		1	
1/4	1,975.43	1/4	1,624.64	1/4	1,273.89	1/4	923.18	1/4	573.91	1/4	225.80	1/4		1/4		1/4		1/4	
1/2	1,968.12	1/2	1,617.33	1/2	1,266.58	1/2	915.87	1/2	566.66	1/2	218.55	1/2		1/2		1/2		1/2	
3/4	1,960.81	3/4	1,610.03	3/4	1,259.27	3/4	908.57	3/4	559.40	3/4	211.29	3/4		3/4		3/4		3/4	
2	1,953.50	2	1,602.72	2	1,251.96	2	901.26	2	552.15	2	204.04	2		2		2		2	
1/4	1,946.19	1/4	1,595.41	1/4	1,244.66	1/4	893.95	1/4	544.90	1/4	196.79	1/4		1/4		1/4		1/4	
1/2	1,938.89	1/2	1,588.11	1/2	1,237.35	1/2	886.65	1/2	537.65	1/2	189.54	1/2		1/2		1/2		1/2	
3/4	1,931.58	3/4	1,580.80	3/4	1,230.05	3/4	879.34	3/4	530.39	3/4	182.28	3/4		3/4		3/4		3/4	
3	1,924.27	3	1,573.49	3	1,222.74	3	872.03	3	523.14	3	175.03	3		3		3		3	
1/4	1,916.96	1/4	1,566.19	1/4	1,215.43	1/4	864.73	1/4	515.89	1/4	167.78	1/4		1/4		1/4		1/4	
1/2	1,909.66	1/2	1,558.88	1/2	1,208.13	1/2	857.42	1/2	508.64	1/2	160.53	1/2		1/2		1/2		1/2	
3/4	1,902.35	3/4	1,551.58	3/4	1,200.82	3/4	850.12	3/4	501.38	3/4	153.27	3/4		3/4		3/4		3/4	
4	1,895.04	4	1,544.27	4	1,193.51	4	842.81	4	494.13	4	146.02	4		4		4		4	
1/4	1,887.73	1/4	1,536.96	1/4	1,186.21	1/4	835.50	1/4	486.88	1/4	138.77	1/4		1/4		1/4		1/4	
1/2	1,880.42	1/2	1,529.66	1/2	1,178.90	1/2	828.20	1/2	479.63	1/2	131.52	1/2		1/2		1/2		1/2	
3/4	1,873.11	3/4	1,522.35	3/4	1,171.60	3/4	820.89	3/4	472.37	3/4	124.26	3/4		3/4		3/4		3/4	
5	1,865.80	5	1,515.04	5	1,164.29	5	813.58	5	465.12	5	117.01	5		5		5		5	
1/4	1,858.49	1/4	1,507.73	1/4	1,156.98	1/4	806.30	1/4	457.87	1/4	109.76	1/4		1/4		1/4		1/4	
1/2	1,851.19	1/2	1,500.43	1/2	1,149.68	1/2	799.03	1/2	450.62	1/2	102.51	1/2		1/2		1/2		1/2	
3/4	1,843.88	3/4	1,493.12	3/4	1,142.37	3/4	791.75	3/4	443.37	3/4	95.25	3/4		3/4		3/4		3/4	
6	1,836.57	6	1,485.81	6	1,135.06	6	784.47	6	436.12	6	88.00	6		6		6		6	
1/4	1,829.26	1/4	1,478.51	1/4	1,127.76	1/4	777.20	1/4	428.87	1/4	80.75	1/4		1/4		1/4		1/4	
1/2	1,821.96	1/2	1,471.20	1/2	1,120.45	1/2	769.92	1/2	421.62	1/2	73.50	1/2		1/2		1/2		1/2	
3/4	1,814.65	3/4	1,463.90	3/4	1,113.15	3/4	762.65	3/4	414.36	3/4	66.24	3/4		3/4		3/4		3/4	
7	1,807.34	7	1,456.59	7	1,105.84	7	755.37	7	407.11	7	58.99	7		7		7		7	
1/4	1,800.03	1/4	1,449.28	1/4	1,098.53	1/4	748.09	1/4	399.86	1/4	52.65	1/4		1/4		1/4		1/4	
1/2	1,792.72	1/2	1,441.98	1/2	1,091.23	1/2	740.82	1/2	392.61	1/2	46.31	1/2		1/2		1/2		1/2	
3/4	1,785.41	3/4	1,434.67	3/4	1,083.92	3/4	733.54	3/4	385.35	3/4	39.96	3/4		3/4		3/4		3/4	
8	1,778.10	8	1,427.36	8	1,076.61	8	726.26	8	378.10	8	33.62	8		8		8		8	
1/4	1,770.79	1/4	1,420.05	1/4	1,069.30	1/4	718.99	1/4	370.85	1/4	29.11	1/4		1/4		1/4		1/4	
1/2	1,763.49	1/2	1,412.75	1/2	1,062.00	1/2	711.71	1/2	363.60	1/2	24.59	1/2		1/2		1/2		1/2	
3/4	1,756.18	3/4	1,405.44	3/4	1,054.69	3/4	704.44	3/4	356.34	3/4	20.08	3/4		3/4		3/4		3/4	
9	1,748.87	9	1,398.13	9	1,047.38	9	697.16	9	349.09	9	15.56	9		9		9		9	
1/4	1,741.56	1/4	1,390.82	1/4	1,040.08	1/4	689.88	1/4	341.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,734.26	1/2	1,383.52	1/2	1,032.77	1/2	682.61	1/2	334.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,726.95	3/4	1,376.21	3/4	1,025.47	3/4	675.33	3/4	327.33	3/4		3/4		3/4		3/4		3/4	
10	1,719.64	10	1,368.90	10	1,018.16	10	668.05	10	320.08	10		10		10		10		10	
1/4	1,712.33	1/4	1,361.59	1/4	1,010.85	1/4	660.77	1/4	312.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,705.02	1/2	1,354.28	1/2	1,003.55	1/2	653.50	1/2	305.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,697.71	3/4	1,346.97	3/4	996.24	3/4	646.22	3/4	298.32	3/4		3/4		3/4		3/4		3/4	
11	1,690.40	11	1,339.66	11	988.93	11	638.94	11	291.07	11		11		11		11		11	
1/4	1,683.09	1/4	1,332.35	1/4	981.63	1/4	631.72	1/4	283.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,675.79	1/2	1,325.05	1/2	974.32	1/2	624.50	1/2	276.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,668.48	3/4	1,317.74	3/4	967.02	3/4	617.27	3/4	269.31	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/21/2004 CB
DECK MEASUREMENTS: 07/21/2014 SW
REPRINTED: 07/22/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "NGL 3140"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	5,269.28	0	4,937.15	0	4,578.23	0	4,219.31	0	3,860.39	0	3,501.48	0	3,142.58	0	2,783.68	0	2,424.78		
1/4	1/4	5,266.16	1/4	4,929.67	1/4	4,570.75	1/4	4,211.83	1/4	3,852.91	1/4	3,494.00	1/4	3,135.10	1/4	2,776.20	1/4	2,417.30			
1/2	1/2	5,261.80	1/2	4,922.19	1/2	4,563.27	1/2	4,204.35	1/2	3,845.43	1/2	3,486.53	1/2	3,127.62	1/2	2,768.72	1/2	2,409.82			
3/4	3/4	5,257.44	3/4	4,914.72	3/4	4,555.80	3/4	4,196.88	3/4	3,837.96	3/4	3,479.05	3/4	3,120.15	3/4	2,761.25	3/4	2,402.35			
1		1	5,253.07	1	4,907.24	1	4,548.32	1	4,189.40	1	3,830.48	1	3,471.58	1	3,112.67	1	2,753.77	1	2,394.87		
1/4	1/4	5,248.71	1/4	4,899.76	1/4	4,540.84	1/4	4,181.92	1/4	3,823.00	1/4	3,464.10	1/4	3,105.19	1/4	2,746.29	1/4	2,387.39			
1/2	1/2	5,243.10	1/2	4,892.28	1/2	4,533.36	1/2	4,174.44	1/2	3,815.52	1/2	3,456.62	1/2	3,097.71	1/2	2,738.81	1/2	2,379.91			
3/4	3/4	5,237.50	3/4	4,884.81	3/4	4,525.89	3/4	4,166.97	3/4	3,808.05	3/4	3,449.15	3/4	3,090.24	3/4	2,731.34	3/4	2,372.44			
2		2	5,231.89	2	4,877.33	2	4,518.41	2	4,159.49	2	3,800.57	2	3,441.67	2	3,082.76	2	2,723.86	2	2,364.96		
1/4	1/4	5,226.28	1/4	4,869.85	1/4	4,510.93	1/4	4,152.01	1/4	3,793.09	1/4	3,434.19	1/4	3,075.28	1/4	2,716.38	1/4	2,357.48			
1/2	1/2	5,219.43	1/2	4,862.37	1/2	4,503.45	1/2	4,144.53	1/2	3,785.61	1/2	3,426.71	1/2	3,067.81	1/2	2,708.90	1/2	2,350.00			
3/4	3/4	5,212.57	3/4	4,854.90	3/4	4,495.98	3/4	4,137.06	3/4	3,778.14	3/4	3,419.24	3/4	3,060.33	3/4	2,701.43	3/4	2,342.53			
3		3	5,205.72	3	4,847.42	3	4,488.50	3	4,129.58	3	3,770.66	3	3,411.76	3	3,052.86	3	2,693.95	3	2,335.05		
1/4	1/4	5,198.86	1/4	4,839.94	1/4	4,481.02	1/4	4,122.10	1/4	3,763.18	1/4	3,404.28	1/4	3,045.38	1/4	2,686.47	1/4	2,327.57			
1/2	1/2	5,191.38	1/2	4,832.46	1/2	4,473.54	1/2	4,114.62	1/2	3,755.70	1/2	3,396.80	1/2	3,037.90	1/2	2,678.99	1/2	2,320.09			
3/4	3/4	5,183.91	3/4	4,824.99	3/4	4,466.07	3/4	4,107.15	3/4	3,748.23	3/4	3,389.33	3/4	3,030.43	3/4	2,671.52	3/4	2,312.62			
4		4	5,176.43	4	4,817.51	4	4,458.59	4	4,099.67	4	3,740.75	4	3,381.85	4	3,022.95	4	2,664.04	4	2,305.14		
1/4	1/4	5,168.95	1/4	4,810.03	1/4	4,451.11	1/4	4,092.19	1/4	3,733.27	1/4	3,374.37	1/4	3,015.47	1/4	2,656.56	1/4	2,297.66			
1/2	1/2	5,161.47	1/2	4,802.55	1/2	4,443.63	1/2	4,084.71	1/2	3,725.79	1/2	3,366.89	1/2	3,007.99	1/2	2,649.09	1/2	2,290.18			
3/4	3/4	5,154.00	3/4	4,795.08	3/4	4,436.16	3/4	4,077.24	3/4	3,718.32	3/4	3,359.42	3/4	3,000.52	3/4	2,641.61	3/4	2,282.71			
5		5	5,146.52	5	4,787.60	5	4,428.68	5	4,069.76	5	3,710.84	5	3,351.94	5	2,993.04	5	2,634.14	5	2,275.23		
1/4	1/4	5,139.04	1/4	4,780.12	1/4	4,421.20	1/4	4,062.28	1/4	3,703.36	1/4	3,344.46	1/4	2,985.56	1/4	2,626.66	1/4	2,267.75			
1/2	1/2	5,131.56	1/2	4,772.64	1/2	4,413.72	1/2	4,054.80	1/2	3,695.89	1/2	3,336.98	1/2	2,978.08	1/2	2,619.18	1/2	2,260.27			
3/4	3/4	5,124.09	3/4	4,765.17	3/4	4,406.25	3/4	4,047.33	3/4	3,688.41	3/4	3,329.51	3/4	2,970.61	3/4	2,611.71	3/4	2,252.80			
6		6	5,116.61	6	4,757.69	6	4,398.77	6	4,039.85	6	3,680.94	6	3,322.03	6	2,963.13	6	2,604.23	6	2,245.32		
1/4	1/4	5,109.13	1/4	4,750.21	1/4	4,391.29	1/4	4,032.37	1/4	3,673.46	1/4	3,314.55	1/4	2,955.65	1/4	2,596.75	1/4	2,237.84			
1/2	1/2	5,101.65	1/2	4,742.73	1/2	4,383.81	1/2	4,024.89	1/2	3,665.98	1/2	3,307.07	1/2	2,948.17	1/2	2,589.27	1/2	2,230.37			
3/4	3/4	5,094.18	3/4	4,735.26	3/4	4,376.34	3/4	4,017.42	3/4	3,658.51	3/4	3,299.60	3/4	2,940.70	3/4	2,581.80	3/4	2,222.89			
7		7	5,086.70	7	4,727.78	7	4,368.86	7	4,009.94	7	3,651.03	7	3,292.12	7	2,933.22	7	2,574.32	7	2,215.42		
1/4	1/4	5,079.22	1/4	4,720.30	1/4	4,361.38	1/4	4,002.46	1/4	3,643.55	1/4	3,284.64	1/4	2,925.74	1/4	2,566.84	1/4	2,207.94			
1/2	1/2	5,071.74	1/2	4,712.82	1/2	4,353.90	1/2	3,994.98	1/2	3,636.07	1/2	3,277.17	1/2	2,918.26	1/2	2,559.36	1/2	2,200.46			
3/4	3/4	5,064.27	3/4	4,705.35	3/4	4,346.43	3/4	3,987.51	3/4	3,628.60	3/4	3,269.69	3/4	2,910.79	3/4	2,551.89	3/4	2,192.99			
8		8	5,056.79	8	4,697.87	8	4,338.95	8	3,980.03	8	3,621.12	8	3,262.22	8	2,903.31	8	2,544.41	8	2,185.51		
1/4	1/4	5,049.31	1/4	4,690.39	1/4	4,331.47	1/4	3,972.55	1/4	3,613.64	1/4	3,254.74	1/4	2,895.83	1/4	2,536.93	1/4	2,178.03			
1/2	1/2	5,041.83	1/2	4,682.91	1/2	4,323.99	1/2	3,965.07	1/2	3,606.16	1/2	3,247.26	1/2	2,888.35	1/2	2,529.45	1/2	2,170.55			
3/4	3/4	5,034.36	3/4	4,675.44	3/4	4,316.52	3/4	3,957.60	3/4	3,598.69	3/4	3,239.79	3/4	2,880.88	3/4	2,521.98	3/4	2,163.08			
9		9	5,026.88	9	4,667.96	9	4,309.04	9	3,950.12	9	3,591.21	9	3,232.31	9	2,873.40	9	2,514.50	9	2,155.60		
1/4	1/4	5,019.40	1/4	4,660.48	1/4	4,301.56	1/4	3,942.64	1/4	3,583.73	1/4	3,224.83	1/4	2,865.92	1/4	2,507.02	1/4	2,148.12			
1/2	5,288.59	1/2	5,011.92	1/2	4,653.00	1/2	4,294.08	1/2	3,935.16	1/2	3,576.25	1/2	3,217.35	1/2	2,858.45	1/2	2,499.54	1/2	2,140.64		
3/4	5,287.76	3/4	5,004.45	3/4	4,645.53	3/4	4,286.61	3/4	3,927.69	3/4	3,568.78	3/4	3,209.88	3/4	2,850.97	3/4	2,492.07	3/4	2,133.17		
10		10	5,286.93	10	4,996.97	10	4,638.05	10	4,279.13	10	3,920.21	10	3,561.30	10	3,202.40	10	2,843.50	10	2,125.69		
1/4	5,286.10	1/4	4,989.49	1/4	4,630.57	1/4	4,271.65	1/4	3,912.73	1/4	3,553.82	1/4	3,194.92	1/4	2,836.02	1/4	2,477.11	1/4	2,118.21		
1/2	5,284.23	1/2	4,982.01	1/2	4,623.09	1/2	4,264.17	1/2	3,905.25	1/2	3,546.34	1/2	3,187.44	1/2	2,828.54	1/2	2,469.63	1/2	2,110.73		
3/4	5,282.36	3/4	4,974.54	3/4	4,615.62	3/4	4,256.70	3/4	3,897.78	3/4	3,538.87	3/4	3,179.97	3/4	2,821.07	3/4	2,462.16	3/4	2,103.26		
11		11	5,280.49	11	4,967.06	11	4,608.14	11	4,249.22	11	3,890.30	11	3,531.39	11	3,172.49	11	2,813.59	11	2,095.78		
1/4	5,278.62	1/4	4,959.58	1/4	4,600.66	1/4	4,241.74	1/4	3,882.82	1/4	3,523.91	1/4	3,165.01	1/4	2,806.11	1/4	2,447.20	1/4	2,088.30		
1/2	5,275.51	1/2	4,952.10	1/2	4,593.18	1/2	4,234.26	1/2	3,875.34	1/2	3,516.43	1/2	3,157.53	1/2	2,798.63	1/2	2,439.73	1/2	2,080.82		
3/4	5,272.39	3/4	4,944.63	3/4	4,585.71	3/4	4,226.79	3/4	3,867.87	3/4	3,508.96	3/4	3,150.06	3/4	2,791.66	3/4	2,432.25	3/4	2,073.35		

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "NGL 3140"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

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	2,065.87	0	1,706.97	0	1,348.12	0	989.30	0	631.47	0	275.47	0		0		0		0	
1/4	2,058.39	1/4	1,699.49	1/4	1,340.64	1/4	981.82	1/4	624.08	1/4	268.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,050.91	1/2	1,692.02	1/2	1,333.16	1/2	974.34	1/2	616.69	1/2	260.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,043.44	3/4	1,684.54	3/4	1,325.69	3/4	966.87	3/4	609.30	3/4	253.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,035.96	1	1,677.07	1	1,318.21	1	959.39	1	601.91	1	245.79	1	1	1	1	1	1	1	1
1/4	2,028.48	1/4	1,669.59	1/4	1,310.73	1/4	951.91	1/4	594.52	1/4	238.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,021.01	1/2	1,662.12	1/2	1,303.26	1/2	944.44	1/2	587.10	1/2	230.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,013.53	3/4	1,654.64	3/4	1,295.78	3/4	936.96	3/4	579.68	3/4	223.53	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,006.06	2	1,647.17	2	1,288.31	2	929.49	2	572.26	2	216.11	2	2	2	2	2	2	2	2
1/4	1,998.58	1/4	1,639.69	1/4	1,280.83	1/4	922.01	1/4	564.84	1/4	208.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,991.10	1/2	1,632.21	1/2	1,273.35	1/2	914.54	1/2	557.42	1/2	201.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,983.63	3/4	1,624.74	3/4	1,265.88	3/4	907.06	3/4	550.00	3/4	193.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,976.15	3	1,617.26	3	1,258.40	3	899.59	3	542.58	3	186.43	3	3	3	3	3	3	3	3
1/4	1,968.67	1/4	1,609.78	1/4	1,250.92	1/4	892.11	1/4	535.16	1/4	179.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,961.19	1/2	1,602.31	1/2	1,243.45	1/2	884.64	1/2	527.74	1/2	171.59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,953.72	3/4	1,594.83	3/4	1,235.97	3/4	877.16	3/4	520.33	3/4	164.17	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,946.24	4	1,587.36	4	1,228.50	4	869.69	4	512.91	4	156.75	4	4	4	4	4	4	4	4
1/4	1,938.76	1/4	1,579.88	1/4	1,221.02	1/4	862.21	1/4	505.49	1/4	149.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,931.28	1/2	1,572.41	1/2	1,213.55	1/2	854.74	1/2	498.07	1/2	141.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,923.81	3/4	1,564.93	3/4	1,206.07	3/4	847.26	3/4	490.65	3/4	134.49	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,916.33	5	1,557.46	5	1,198.60	5	839.79	5	483.23	5	127.07	5	5	5	5	5	5	5	5
1/4	1,908.85	1/4	1,549.98	1/4	1,191.12	1/4	832.31	1/4	475.81	1/4	119.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,901.37	1/2	1,542.51	1/2	1,183.65	1/2	824.87	1/2	468.39	1/2	112.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,893.90	3/4	1,535.03	3/4	1,176.17	3/4	817.42	3/4	460.97	3/4	104.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,886.42	6	1,527.56	6	1,168.70	6	809.98	6	453.55	6	97.39	6	6	6	6	6	6	6	6
1/4	1,878.94	1/4	1,520.08	1/4	1,161.22	1/4	802.53	1/4	446.13	1/4	89.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,871.46	1/2	1,512.61	1/2	1,153.75	1/2	795.09	1/2	438.71	1/2	82.55	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,863.99	3/4	1,505.13	3/4	1,146.27	3/4	787.64	3/4	431.29	3/4	75.13	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,856.51	7	1,497.66	7	1,138.80	7	780.20	7	423.87	7	67.71	7	7	7	7	7	7	7	7
1/4	1,849.03	1/4	1,490.18	1/4	1,131.32	1/4	772.75	1/4	416.45	1/4	60.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,841.55	1/2	1,482.71	1/2	1,123.85	1/2	765.31	1/2	409.03	1/2	53.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,834.08	3/4	1,475.23	3/4	1,116.37	3/4	757.87	3/4	401.61	3/4	47.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,826.60	8	1,467.76	8	1,108.90	8	750.42	8	394.19	8	40.84	8	8	8	8	8	8	8	8
1/4	1,819.12	1/4	1,460.28	1/4	1,101.42	1/4	742.98	1/4	386.77	1/4	34.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,811.65	1/2	1,452.80	1/2	1,093.95	1/2	735.54	1/2	379.35	1/2	29.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,804.17	3/4	1,445.33	3/4	1,086.47	3/4	728.09	3/4	371.93	3/4	25.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,796.70	9	1,437.85	9	1,079.00	9	720.65	9	364.51	9	20.50	9	9	9	9	9	9	9	9
1/4	1,789.22	1/4	1,430.37	1/4	1,071.52	1/4	713.20	1/4	357.09	1/4	15.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,781.74	1/2	1,422.89	1/2	1,064.05	1/2	705.76	1/2	349.67	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,774.27	3/4	1,415.42	3/4	1,056.57	3/4	698.31	3/4	342.25	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,766.79	10	1,407.94	10	1,049.10	10	690.87	10	334.83	10		10	10	10	10	10	10	10	10
1/4	1,759.31	1/4	1,400.46	1/4	1,041.62	1/4	683.42	1/4	327.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,751.83	1/2	1,392.98	1/2	1,034.15	1/2	675.98	1/2	319.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,744.36	3/4	1,385.51	3/4	1,026.67	3/4	668.53	3/4	312.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,736.88	11	1,378.03	11	1,019.20	11	661.09	11	305.15	11		11	11	11	11	11	11	11	11
1/4	1,729.40	1/4	1,370.55	1/4	1,011.72	1/4	653.64	1/4	297.73	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,721.92	1/2	1,363.07	1/2	1,004.25	1/2	646.25	1/2	290.31	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,714.45	3/4	1,355.60	3/4	996.77	3/4	638.86	3/4	282.89	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/21/2004 CB
DECK MEASUREMENTS: 07/21/2014 SW
REPRINTED: 07/22/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "NGL 3140"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0	5,269.28	0	4,937.15	0	4,578.23	0	4,219.31	0	3,860.39	0	3,501.48	0	3,142.58	0	2,783.68	0	2,424.78		
1/4	1/4	1/4	5,266.16	1/4	4,929.67	1/4	4,570.75	1/4	4,211.83	1/4	3,852.91	1/4	3,494.00	1/4	3,135.10	1/4	2,776.20	1/4	2,417.30		
1/2	1/2	1/2	5,261.80	1/2	4,922.19	1/2	4,563.27	1/2	4,204.35	1/2	3,845.43	1/2	3,486.53	1/2	3,127.62	1/2	2,768.72	1/2	2,409.82		
3/4	3/4	3/4	5,257.44	3/4	4,914.72	3/4	4,555.80	3/4	4,196.88	3/4	3,837.96	3/4	3,479.05	3/4	3,120.15	3/4	2,761.25	3/4	2,402.35		
1		1	5,253.07	1	4,907.24	1	4,548.32	1	4,189.40	1	3,830.48	1	3,471.58	1	3,112.67	1	2,753.77	1	2,394.87		
1/4	1/4	1/4	5,248.71	1/4	4,899.76	1/4	4,540.84	1/4	4,181.92	1/4	3,823.00	1/4	3,464.10	1/4	3,105.19	1/4	2,746.29	1/4	2,387.39		
1/2	1/2	1/2	5,243.10	1/2	4,892.28	1/2	4,533.36	1/2	4,174.44	1/2	3,815.52	1/2	3,456.62	1/2	3,097.71	1/2	2,738.81	1/2	2,379.91		
3/4	3/4	3/4	5,237.50	3/4	4,884.81	3/4	4,525.89	3/4	4,166.97	3/4	3,808.05	3/4	3,449.15	3/4	3,090.24	3/4	2,731.34	3/4	2,372.44		
2		2	5,231.89	2	4,877.33	2	4,518.41	2	4,159.49	2	3,800.57	2	3,441.67	2	3,082.76	2	2,723.86	2	2,364.96		
1/4	1/4	1/4	5,226.28	1/4	4,869.85	1/4	4,510.93	1/4	4,152.01	1/4	3,793.09	1/4	3,434.19	1/4	3,075.28	1/4	2,716.38	1/4	2,357.48		
1/2	1/2	1/2	5,219.43	1/2	4,862.37	1/2	4,503.45	1/2	4,144.53	1/2	3,785.61	1/2	3,426.71	1/2	3,067.81	1/2	2,708.90	1/2	2,350.00		
3/4	3/4	3/4	5,212.57	3/4	4,854.90	3/4	4,495.98	3/4	4,137.06	3/4	3,778.14	3/4	3,419.24	3/4	3,060.33	3/4	2,701.43	3/4	2,342.53		
3		3	5,205.72	3	4,847.42	3	4,488.50	3	4,129.58	3	3,770.66	3	3,411.76	3	3,052.86	3	2,693.95	3	2,335.05		
1/4	1/4	1/4	5,198.86	1/4	4,839.94	1/4	4,481.02	1/4	4,122.10	1/4	3,763.18	1/4	3,404.28	1/4	3,045.38	1/4	2,686.47	1/4	2,327.57		
1/2	1/2	1/2	5,191.38	1/2	4,832.46	1/2	4,473.54	1/2	4,114.62	1/2	3,755.70	1/2	3,396.80	1/2	3,037.90	1/2	2,678.99	1/2	2,320.09		
3/4	3/4	3/4	5,183.91	3/4	4,824.99	3/4	4,466.07	3/4	4,107.15	3/4	3,748.23	3/4	3,389.33	3/4	3,030.43	3/4	2,671.52	3/4	2,312.62		
4		4	5,176.43	4	4,817.51	4	4,458.59	4	4,099.67	4	3,740.75	4	3,381.85	4	3,022.95	4	2,664.04	4	2,305.14		
1/4	1/4	1/4	5,168.95	1/4	4,810.03	1/4	4,451.11	1/4	4,092.19	1/4	3,733.27	1/4	3,374.37	1/4	3,015.47	1/4	2,656.56	1/4	2,297.66		
1/2	1/2	1/2	5,161.47	1/2	4,802.55	1/2	4,443.63	1/2	4,084.71	1/2	3,725.79	1/2	3,366.89	1/2	3,007.99	1/2	2,649.09	1/2	2,290.18		
3/4	3/4	3/4	5,154.00	3/4	4,795.08	3/4	4,436.16	3/4	4,077.24	3/4	3,718.32	3/4	3,359.42	3/4	3,000.52	3/4	2,641.61	3/4	2,282.71		
5		5	5,146.52	5	4,787.60	5	4,428.68	5	4,069.76	5	3,710.84	5	3,351.94	5	2,993.04	5	2,634.14	5	2,275.23		
1/4	1/4	1/4	5,139.04	1/4	4,780.12	1/4	4,421.20	1/4	4,062.28	1/4	3,703.36	1/4	3,344.46	1/4	2,985.56	1/4	2,626.66	1/4	2,267.75		
1/2	1/2	1/2	5,131.56	1/2	4,772.64	1/2	4,413.72	1/2	4,054.80	1/2	3,695.89	1/2	3,336.98	1/2	2,978.08	1/2	2,619.18	1/2	2,260.27		
3/4	3/4	3/4	5,124.09	3/4	4,765.17	3/4	4,406.25	3/4	4,047.33	3/4	3,688.41	3/4	3,329.51	3/4	2,970.61	3/4	2,611.71	3/4	2,252.80		
6		6	5,116.61	6	4,757.69	6	4,398.77	6	4,039.85	6	3,680.94	6	3,322.03	6	2,963.13	6	2,604.23	6	2,245.32		
1/4	1/4	1/4	5,109.13	1/4	4,750.21	1/4	4,391.29	1/4	4,032.37	1/4	3,673.46	1/4	3,314.55	1/4	2,955.65	1/4	2,596.75	1/4	2,237.84		
1/2	1/2	1/2	5,101.65	1/2	4,742.73	1/2	4,383.81	1/2	4,024.89	1/2	3,665.98	1/2	3,307.07	1/2	2,948.17	1/2	2,589.27	1/2	2,230.37		
3/4	3/4	3/4	5,094.18	3/4	4,735.26	3/4	4,376.34	3/4	4,017.42	3/4	3,658.51	3/4	3,299.60	3/4	2,940.70	3/4	2,581.80	3/4	2,222.89		
7		7	5,086.70	7	4,727.78	7	4,368.86	7	4,009.94	7	3,651.03	7	3,292.12	7	2,933.22	7	2,574.32	7	2,215.42		
1/4	1/4	1/4	5,079.22	1/4	4,720.30	1/4	4,361.38	1/4	4,002.46	1/4	3,643.55	1/4	3,284.64	1/4	2,925.74	1/4	2,566.84	1/4	2,207.94		
1/2	1/2	1/2	5,071.74	1/2	4,712.82	1/2	4,353.90	1/2	3,994.98	1/2	3,636.07	1/2	3,277.17	1/2	2,918.26	1/2	2,559.36	1/2	2,200.46		
3/4	3/4	3/4	5,064.27	3/4	4,705.35	3/4	4,346.43	3/4	3,987.51	3/4	3,628.60	3/4	3,269.69	3/4	2,910.79	3/4	2,551.89	3/4	2,192.99		
8		8	5,056.79	8	4,697.87	8	4,338.95	8	3,980.03	8	3,621.12	8	3,262.22	8	2,903.31	8	2,544.41	8	2,185.51		
1/4	1/4	1/4	5,049.31	1/4	4,690.39	1/4	4,331.47	1/4	3,972.55	1/4	3,613.64	1/4	3,254.74	1/4	2,895.83	1/4	2,536.93	1/4	2,178.03		
1/2	1/2	1/2	5,041.83	1/2	4,682.91	1/2	4,323.99	1/2	3,965.07	1/2	3,606.16	1/2	3,247.26	1/2	2,888.35	1/2	2,529.45	1/2	2,170.55		
3/4	3/4	3/4	5,034.36	3/4	4,675.44	3/4	4,316.52	3/4	3,957.60	3/4	3,598.69	3/4	3,239.79	3/4	2,880.88	3/4	2,521.98	3/4	2,163.08		
9		9	5,026.88	9	4,667.96	9	4,309.04	9	3,950.12	9	3,591.21	9	3,232.31	9	2,873.40	9	2,514.50	9	2,155.60		
1/4	1/4	1/4	5,019.40	1/4	4,660.48	1/4	4,301.56	1/4	3,942.64	1/4	3,583.73	1/4	3,224.83	1/4	2,865.92	1/4	2,507.02	1/4	2,148.12		
1/2	1/2	1/2	5,288.59	1/2	5,011.92	1/2	4,653.00	1/2	4,294.08	1/2	3,935.16	1/2	3,576.25	1/2	3,217.35	1/2	2,858.45	1/2	2,499.54	1/2	2,140.64
3/4	3/4	3/4	5,287.76	3/4	5,004.45	3/4	4,645.53	3/4	4,286.61	3/4	3,927.69	3/4	3,568.78	3/4	3,209.88	3/4	2,850.97	3/4	2,492.07	3/4	2,133.17
10		10	5,286.93	10	4,996.97	10	4,638.05	10	4,279.13	10	3,920.21	10	3,561.30	10	3,202.40	10	2,843.50	10	2,484.59	10	2,125.69
1/4	1/4	1/4	5,286.10	1/4	4,989.49	1/4	4,630.57	1/4	4,271.65	1/4	3,912.73	1/4	3,553.82	1/4	3,194.92	1/4	2,836.02	1/4	2,477.11	1/4	2,118.21
1/2	1/2	1/2	5,284.23	1/2	4,982.01	1/2	4,623.09	1/2	4,264.17	1/2	3,905.25	1/2	3,546.34	1/2	3,187.44	1/2	2,828.54	1/2	2,469.63	1/2	2,110.73
3/4	3/4	3/4	5,282.36	3/4	4,974.54	3/4	4,615.62	3/4	4,256.70	3/4	3,897.78	3/4	3,538.87	3/4	3,179.97	3/4	2,821.07	3/4	2,462.16	3/4	2,103.26
11		11	5,280.49	11	4,967.06	11	4,608.14	11	4,249.22	11	3,890.30	11	3,531.39	11	3,172.49	11	2,813.59	11	2,454.68	11	2,095.78
1/4	1/4	1/4	5,278.62	1/4	4,959.58	1/4	4,600.66	1/4	4,241.74	1/4	3,882.82	1/4	3,523.91	1/4	3,165.01	1/4	2,806.11	1/4	2,447.20	1/4	2,088.30
1/2	1/2	1/2	5,275.51	1/2	4,952.10	1/2	4,593.18	1/2	4,234.26	1/2	3,875.34	1/2	3,516.43	1/2	3,157.53	1/2	2,798.63	1/2	2,439.73	1/2	2,080.82
3/4	3/4	3/4	5,272.39	3/4	4,944.63	3/4	4,585.71	3/4	4,226.79	3/4	3,867.87	3/4	3,508.96	3/4	3,150.06	3/4	2,791.66	3/4	2,432.25	3/4	2,073.35

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "NGL 3140"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

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	2,065.87	0	1,706.97	0	1,348.12	0	989.30	0	631.47	0	275.47	0		0		0		0	
1/4	2,058.39	1/4	1,699.49	1/4	1,340.64	1/4	981.82	1/4	624.08	1/4	268.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,050.91	1/2	1,692.02	1/2	1,333.16	1/2	974.34	1/2	616.69	1/2	260.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,043.44	3/4	1,684.54	3/4	1,325.69	3/4	966.87	3/4	609.30	3/4	253.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,035.96	1	1,677.07	1	1,318.21	1	959.39	1	601.91	1	245.79	1	1	1	1	1	1	1	1
1/4	2,028.48	1/4	1,669.59	1/4	1,310.73	1/4	951.91	1/4	594.52	1/4	238.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,021.01	1/2	1,662.12	1/2	1,303.26	1/2	944.44	1/2	587.10	1/2	230.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,013.53	3/4	1,654.64	3/4	1,295.78	3/4	936.96	3/4	579.68	3/4	223.53	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,006.06	2	1,647.17	2	1,288.31	2	929.49	2	572.26	2	216.11	2	2	2	2	2	2	2	2
1/4	1,998.58	1/4	1,639.69	1/4	1,280.83	1/4	922.01	1/4	564.84	1/4	208.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,991.10	1/2	1,632.21	1/2	1,273.35	1/2	914.54	1/2	557.42	1/2	201.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,983.63	3/4	1,624.74	3/4	1,265.88	3/4	907.06	3/4	550.00	3/4	193.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,976.15	3	1,617.26	3	1,258.40	3	899.59	3	542.58	3	186.43	3	3	3	3	3	3	3	3
1/4	1,968.67	1/4	1,609.78	1/4	1,250.92	1/4	892.11	1/4	535.16	1/4	179.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,961.19	1/2	1,602.31	1/2	1,243.45	1/2	884.64	1/2	527.74	1/2	171.59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,953.72	3/4	1,594.83	3/4	1,235.97	3/4	877.16	3/4	520.33	3/4	164.17	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,946.24	4	1,587.36	4	1,228.50	4	869.69	4	512.91	4	156.75	4	4	4	4	4	4	4	4
1/4	1,938.76	1/4	1,579.88	1/4	1,221.02	1/4	862.21	1/4	505.49	1/4	149.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,931.28	1/2	1,572.41	1/2	1,213.55	1/2	854.74	1/2	498.07	1/2	141.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,923.81	3/4	1,564.93	3/4	1,206.07	3/4	847.26	3/4	490.65	3/4	134.49	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,916.33	5	1,557.46	5	1,198.60	5	839.79	5	483.23	5	127.07	5	5	5	5	5	5	5	5
1/4	1,908.85	1/4	1,549.98	1/4	1,191.12	1/4	832.31	1/4	475.81	1/4	119.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,901.37	1/2	1,542.51	1/2	1,183.65	1/2	824.87	1/2	468.39	1/2	112.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,893.90	3/4	1,535.03	3/4	1,176.17	3/4	817.42	3/4	460.97	3/4	104.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,886.42	6	1,527.56	6	1,168.70	6	809.98	6	453.55	6	97.39	6	6	6	6	6	6	6	6
1/4	1,878.94	1/4	1,520.08	1/4	1,161.22	1/4	802.53	1/4	446.13	1/4	89.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,871.46	1/2	1,512.61	1/2	1,153.75	1/2	795.09	1/2	438.71	1/2	82.55	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,863.99	3/4	1,505.13	3/4	1,146.27	3/4	787.64	3/4	431.29	3/4	75.13	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,856.51	7	1,497.66	7	1,138.80	7	780.20	7	423.87	7	67.71	7	7	7	7	7	7	7	7
1/4	1,849.03	1/4	1,490.18	1/4	1,131.32	1/4	772.75	1/4	416.45	1/4	60.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,841.55	1/2	1,482.71	1/2	1,123.85	1/2	765.31	1/2	409.03	1/2	53.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,834.08	3/4	1,475.23	3/4	1,116.37	3/4	757.87	3/4	401.61	3/4	47.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,826.60	8	1,467.76	8	1,108.90	8	750.42	8	394.19	8	40.84	8	8	8	8	8	8	8	8
1/4	1,819.12	1/4	1,460.28	1/4	1,101.42	1/4	742.98	1/4	386.77	1/4	34.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,811.65	1/2	1,452.80	1/2	1,093.95	1/2	735.54	1/2	379.35	1/2	29.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,804.17	3/4	1,445.33	3/4	1,086.47	3/4	728.09	3/4	371.93	3/4	25.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,796.70	9	1,437.85	9	1,079.00	9	720.65	9	364.51	9	20.50	9	9	9	9	9	9	9	9
1/4	1,789.22	1/4	1,430.37	1/4	1,071.52	1/4	713.20	1/4	357.09	1/4	15.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,781.74	1/2	1,422.89	1/2	1,064.05	1/2	705.76	1/2	349.67	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,774.27	3/4	1,415.42	3/4	1,056.57	3/4	698.31	3/4	342.25	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,766.79	10	1,407.94	10	1,049.10	10	690.87	10	334.83	10		10	10	10	10	10	10	10	10
1/4	1,759.31	1/4	1,400.46	1/4	1,041.62	1/4	683.42	1/4	327.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,751.83	1/2	1,392.98	1/2	1,034.15	1/2	675.98	1/2	319.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,744.36	3/4	1,385.51	3/4	1,026.67	3/4	668.53	3/4	312.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,736.88	11	1,378.03	11	1,019.20	11	661.09	11	305.15	11		11	11	11	11	11	11	11	11
1/4	1,729.40	1/4	1,370.55	1/4	1,011.72	1/4	653.64	1/4	297.73	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,721.92	1/2	1,363.07	1/2	1,004.25	1/2	646.25	1/2	290.31	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,714.45	3/4	1,355.60	3/4	996.77	3/4	638.86	3/4	282.89	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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BARGE "NGL 3140"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0		0	4,820.93	0	4,574.02	0	4,310.65	0	4,047.27	0	3,783.90	0	3,496.58	0	3,137.41	0	2,778.24	0	2,419.08	
1/4	1/4	4,817.73	1/4	4,568.53	1/4	4,305.16	1/4	4,041.78	1/4	3,778.41	1/4	3,489.10	1/4	3,129.93	1/4	2,770.76	1/4	2,411.60		
1/2	1/2	4,814.53	1/2	4,563.05	1/2	4,299.68	1/2	4,036.29	1/2	3,772.92	1/2	3,481.61	1/2	3,122.44	1/2	2,763.27	1/2	2,404.11		
3/4	3/4	4,811.33	3/4	4,557.56	3/4	4,294.19	3/4	4,030.81	3/4	3,767.44	3/4	3,474.13	3/4	3,114.96	3/4	2,755.79	3/4	2,396.63		
1		1	4,808.13	1	4,552.07	1	4,288.70	1	4,025.32	1	3,761.95	1	3,466.65	1	3,107.48	1	2,748.31	1	2,389.15	
1/4	1/4	4,804.02	1/4	4,546.58	1/4	4,283.21	1/4	4,019.83	1/4	3,756.46	1/4	3,459.17	1/4	3,100.00	1/4	2,740.83	1/4	2,381.67		
1/2	1/2	4,799.90	1/2	4,541.10	1/2	4,277.73	1/2	4,014.35	1/2	3,750.97	1/2	3,451.68	1/2	3,092.51	1/2	2,733.34	1/2	2,374.18		
3/4	3/4	4,795.79	3/4	4,535.61	3/4	4,272.24	3/4	4,008.86	3/4	3,745.49	3/4	3,444.20	3/4	3,085.03	3/4	2,725.86	3/4	2,366.70		
2		2	4,791.67	2	4,530.12	2	4,266.75	2	4,003.38	2	3,740.00	2	3,436.72	2	3,077.55	2	2,718.38	2	2,359.22	
1/4	1/4	4,786.64	1/4	4,524.64	1/4	4,261.26	1/4	3,997.89	1/4	3,734.51	1/4	3,429.24	1/4	3,070.07	1/4	2,710.90	1/4	2,351.73		
1/2	1/2	4,781.61	1/2	4,519.15	1/2	4,255.78	1/2	3,992.40	1/2	3,729.03	1/2	3,421.75	1/2	3,062.58	1/2	2,703.41	1/2	2,344.25		
3/4	3/4	4,776.58	3/4	4,513.67	3/4	4,250.29	3/4	3,986.92	3/4	3,723.54	3/4	3,414.27	3/4	3,055.10	3/4	2,695.93	3/4	2,336.76		
3		3	4,771.55	3	4,508.18	3	4,244.80	3	3,981.43	3	3,718.06	3	3,406.79	3	3,047.62	3	2,688.45	3	2,329.28	
1/4	1/4	4,766.06	1/4	4,502.69	1/4	4,239.31	1/4	3,975.94	1/4	3,712.57	1/4	3,399.31	1/4	3,040.14	1/4	2,680.97	1/4	2,321.80		
1/2	1/2	4,760.58	1/2	4,497.21	1/2	4,233.83	1/2	3,970.45	1/2	3,707.08	1/2	3,391.82	1/2	3,032.65	1/2	2,673.48	1/2	2,314.31		
3/4	3/4	4,755.09	3/4	4,491.72	3/4	4,228.34	3/4	3,964.97	3/4	3,701.60	3/4	3,384.34	3/4	3,025.17	3/4	2,666.00	3/4	2,306.83		
4		4	4,749.60	4	4,486.23	4	4,222.85	4	3,959.48	4	3,696.11	4	3,376.86	4	3,017.69	4	2,658.52	4	2,299.35	
1/4	1/4	4,744.11	1/4	4,480.74	1/4	4,217.37	1/4	3,953.99	1/4	3,690.62	1/4	3,369.37	1/4	3,010.21	1/4	2,651.04	1/4	2,291.87		
1/2	1/2	4,738.63	1/2	4,475.26	1/2	4,211.88	1/2	3,948.50	1/2	3,685.13	1/2	3,361.89	1/2	3,002.72	1/2	2,643.55	1/2	2,284.38		
3/4	3/4	4,733.14	3/4	4,469.77	3/4	4,206.40	3/4	3,943.02	3/4	3,679.65	3/4	3,354.40	3/4	2,995.24	3/4	2,636.07	3/4	2,276.90		
5		5	4,727.65	5	4,464.28	5	4,200.91	5	3,937.53	5	3,674.16	5	3,346.92	5	2,987.76	5	2,628.59	5	2,269.42	
1/4	1/4	4,722.17	1/4	4,458.79	1/4	4,195.42	1/4	3,932.04	1/4	3,668.67	1/4	3,339.44	1/4	2,980.28	1/4	2,621.11	1/4	2,261.94		
1/2	1/2	4,716.68	1/2	4,453.31	1/2	4,189.94	1/2	3,926.56	1/2	3,663.18	1/2	3,331.95	1/2	2,972.79	1/2	2,613.62	1/2	2,254.45		
3/4	3/4	4,711.20	3/4	4,447.82	3/4	4,184.45	3/4	3,921.07	3/4	3,657.70	3/4	3,324.47	3/4	2,965.31	3/4	2,606.14	3/4	2,246.97		
6		6	4,705.71	6	4,442.33	6	4,178.96	6	3,915.59	6	3,652.21	6	3,316.99	6	2,957.83	6	2,598.66	6	2,239.49	
1/4	1/4	4,700.22	1/4	4,436.84	1/4	4,173.47	1/4	3,910.10	1/4	3,646.72	1/4	3,309.51	1/4	2,950.35	1/4	2,591.18	1/4	2,232.01		
1/2	1/2	4,694.74	1/2	4,431.36	1/2	4,167.99	1/2	3,904.61	1/2	3,641.23	1/2	3,302.02	1/2	2,942.86	1/2	2,583.69	1/2	2,224.52		
3/4	3/4	4,689.25	3/4	4,425.87	3/4	4,162.50	3/4	3,899.13	3/4	3,635.75	3/4	3,294.54	3/4	2,935.38	3/4	2,576.21	3/4	2,217.04		
7		7	4,683.76	7	4,420.38	7	4,157.01	7	3,893.64	7	3,630.26	7	3,287.06	7	2,927.90	7	2,568.73	7	2,209.56	
1/4	1/4	4,678.27	1/4	4,414.90	1/4	4,151.52	1/4	3,888.15	1/4	3,624.77	1/4	3,279.58	1/4	2,920.42	1/4	2,561.25	1/4	2,202.08		
1/2	1/2	4,672.79	1/2	4,409.41	1/2	4,146.03	1/2	3,882.66	1/2	3,619.29	1/2	3,272.09	1/2	2,912.93	1/2	2,553.76	1/2	2,194.59		
3/4	3/4	4,667.30	3/4	4,403.93	3/4	4,140.55	3/4	3,877.18	3/4	3,613.80	3/4	3,264.61	3/4	2,905.45	3/4	2,546.28	3/4	2,187.11		
8		8	4,661.81	8	4,398.44	8	4,135.06	8	3,871.69	8	3,608.32	8	3,257.13	8	2,897.97	8	2,538.80	8	2,179.63	
1/4	1/4	4,656.32	1/4	4,392.95	1/4	4,129.57	1/4	3,866.20	1/4	3,602.83	1/4	3,249.65	1/4	2,890.49	1/4	2,531.32	1/4	2,172.15		
1/2	1/2	4,650.84	1/2	4,387.47	1/2	4,124.09	1/2	3,860.71	1/2	3,597.34	1/2	3,242.16	1/2	2,883.00	1/2	2,523.83	1/2	2,164.66		
3/4	3/4	4,645.35	3/4	4,381.98	3/4	4,118.61	3/4	3,855.23	3/4	3,591.86	3/4	3,234.68	3/4	2,875.52	3/4	2,516.35	3/4	2,157.18		
9		9	4,639.86	9	4,376.49	9	4,113.12	9	3,849.74	9	3,586.37	9	3,227.20	9	2,868.04	9	2,508.87	9	2,149.70	
1/4	4,837.39	1/4	4,634.37	1/4	4,371.00	1/4	4,107.63	1/4	3,844.25	1/4	3,578.89	1/4	3,219.72	1/4	2,860.55	1/4	2,501.39	1/4	2,142.22	
1/2	4,836.78	1/2	4,628.89	1/2	4,365.52	1/2	4,102.14	1/2	3,838.76	1/2	3,571.40	1/2	3,212.23	1/2	2,853.07	1/2	2,493.90	1/2	2,134.73	
3/4	4,836.17	3/4	4,623.40	3/4	4,360.03	3/4	4,096.66	3/4	3,833.28	3/4	3,563.92	3/4	3,204.75	3/4	2,845.58	3/4	2,486.42	3/4	2,127.25	
10	4,835.56	10	4,617.91	10	4,354.54	10	4,091.17	10	3,827.79	10	3,556.44	10	3,197.27	10	2,838.10	10	2,478.94	10	2,119.77	
1/4	4,834.19	1/4	4,612.43	1/4	4,349.05	1/4	4,085.68	1/4	3,822.30	1/4	3,548.96	1/4	3,189.79	1/4	2,830.62	1/4	2,471.46	1/4	2,112.29	
1/2	4,832.82	1/2	4,606.94	1/2	4,343.57	1/2	4,080.19	1/2	3,816.82	1/2	3,541.47	1/2	3,182.30	1/2	2,823.13	1/2	2,463.97	1/2	2,104.80	
3/4	4,831.45	3/4	4,601.46	3/4	4,338.08	3/4	4,074.71	3/4	3,811.33	3/4	3,533.99	3/4	3,174.82	3/4	2,815.65	3/4	2,456.49	3/4	2,097.32	
11	4,830.08	11	4,595.97	11	4,332.59	11	4,069.22	11	3,805.85	11	3,526.51	11	3,167.34	11	2,808.17	11	2,449.01	11	2,089.84	
1/4	4,827.79	1/4	4,590.48	1/4	4,327.11	1/4	4,063.73	1/4	3,800.36	1/4	3,519.03	1/4	3,159.86	1/4	2,800.69	1/4	2,441.53	1/4	2,082.36	
1/2	4,825.51	1/2	4,585.00	1/2	4,321.62	1/2	4,058.24	1/2	3,794.87	1/2	3,511.54	1/2	3,152.37	1/2	2,793.20	1/2	2,434.04	1/2	2,074.87	
3/4	4,823.22	3/4	4,579.51	3/4	4,316.14	3/4	4,052.76	3/4	3,789.39	3/4	3,504.06	3/4	3,144.89	3/4	2,785.72	3/4	2,426.56	3/4	2,067.39	

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "NGL 3140"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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		
0	2,059.91	0	1,700.74	0	1,341.63	0	982.54	0	624.54	0	268.24	0		0			0			0			0			0			0			
1/4	2,052.43	1/4	1,693.26	1/4	1,334.15	1/4	975.06	1/4	617.14	1/4	260.81	1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	2,044.94	1/2	1,685.78	1/2	1,326.66	1/2	967.58	1/2	609.75	1/2	253.39	1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	2,037.46	3/4	1,678.30	3/4	1,319.18	3/4	960.10	3/4	602.35	3/4	245.96	3/4		3/4			3/4			3/4			3/4			3/4			3/4			
1	2,029.98	1	1,670.82	1	1,311.70	1	952.62	1	594.96	1	238.54	1		1			1			1			1			1			1			
1/4	2,022.50	1/4	1,663.34	1/4	1,304.22	1/4	945.14	1/4	587.53	1/4	231.11	1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	2,015.01	1/2	1,655.86	1/2	1,296.73	1/2	937.65	1/2	580.11	1/2	223.69	1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	2,007.53	3/4	1,648.38	3/4	1,289.25	3/4	930.17	3/4	572.68	3/4	216.26	3/4		3/4			3/4			3/4			3/4			3/4			3/4			
2	2,000.05	2	1,640.90	2	1,281.77	2	922.69	2	565.26	2	208.84	2		2			2			2			2			2			2			
1/4	1,992.57	1/4	1,633.42	1/4	1,274.29	1/4	915.21	1/4	557.83	1/4	201.41	1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	1,985.08	1/2	1,625.93	1/2	1,266.81	1/2	907.73	1/2	550.41	1/2	193.99	1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	1,977.60	3/4	1,618.45	3/4	1,259.33	3/4	900.25	3/4	542.98	3/4	186.56	3/4		3/4			3/4			3/4			3/4			3/4			3/4			
3	1,970.12	3	1,610.97	3	1,251.85	3	892.77	3	535.56	3	179.14	3		3			3			3			3			3			3			
1/4	1,962.64	1/4	1,603.49	1/4	1,244.37	1/4	885.29	1/4	528.13	1/4	171.71	1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	1,955.15	1/2	1,596.01	1/2	1,236.88	1/2	877.81	1/2	520.71	1/2	164.29	1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	1,947.67	3/4	1,588.53	3/4	1,229.40	3/4	870.33	3/4	513.28	3/4	156.86	3/4		3/4			3/4			3/4			3/4			3/4			3/4			
4	1,940.19	4	1,581.05	4	1,221.92	4	862.85	4	505.86	4	149.44	4		4			4			4			4			4			4			
1/4	1,932.71	1/4	1,573.57	1/4	1,214.44	1/4	855.37	1/4	498.43	1/4	142.01	1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	1,925.22	1/2	1,566.08	1/2	1,206.96	1/2	847.89	1/2	491.01	1/2	134.59	1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	1,917.74	3/4	1,558.60	3/4	1,199.48	3/4	840.41	3/4	483.58	3/4	127.16	3/4		3/4			3/4			3/4			3/4			3/4			3/4			
5	1,910.26	5	1,551.12	5	1,192.00	5	832.93	5	476.16	5	119.74	5		5			5			5			5			5			5			
1/4	1,902.78	1/4	1,543.64	1/4	1,184.52	1/4	825.48	1/4	468.73	1/4	112.31	1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	1,895.29	1/2	1,536.16	1/2	1,177.04	1/2	818.02	1/2	461.30	1/2	104.88	1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	1,887.81	3/4	1,528.68	3/4	1,169.56	3/4	810.57	3/4	453.88	3/4	97.46	3/4		3/4			3/4			3/4			3/4			3/4			3/4			
6	1,880.33	6	1,521.20	6	1,162.08	6	803.12	6	446.45	6	90.03	6		6			6			6			6			6			6			
1/4	1,872.85	1/4	1,513.72	1/4	1,154.60	1/4	795.67	1/4	439.02	1/4	82.60	1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	1,865.36	1/2	1,506.24	1/2	1,147.12	1/2	788.22	1/2	431.60	1/2	75.18	1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	1,857.88	3/4	1,498.76	3/4	1,139.64	3/4	780.77	3/4	424.17	3/4	67.75	3/4		3/4			3/4			3/4			3/4			3/4			3/4			
7	1,850.40	7	1,491.28	7	1,132.16	7	773.32	7	416.75	7	60.33	7		7			7			7			7			7			7			
1/4	1,842.91	1/4	1,483.80	1/4	1,124.68	1/4	765.87	1/4	409.32	1/4	53.84	1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	1,835.43	1/2	1,476.31	1/2	1,117.19	1/2	758.42	1/2	401.90	1/2	47.35	1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	1,827.94	3/4	1,468.83	3/4	1,109.71	3/4	750.97	3/4	394.47	3/4	40.86	3/4		3/4			3/4			3/4			3/4			3/4			3/4			
8	1,820.46	8	1,461.35	8	1,102.23	8	743.52	8	387.05	8	34.37	8		8			8			8			8			8			8			
1/4	1,812.98	1/4	1,453.87	1/4	1,094.75	1/4	736.07	1/4	379.62	1/4	29.75	1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	1,805.49	1/2	1,446.38	1/2	1,087.27	1/2	728.62	1/2	372.20	1/2	25.13	1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	1,798.01	3/4	1,438.90	3/4	1,079.79	3/4	721.17	3/4	364.77	3/4	20.52	3/4		3/4			3/4			3/4			3/4			3/4			3/4			
9	1,790.53	9	1,431.42	9	1,072.31	9	713.72	9	357.35	9	15.90	9		9			9			9			9			9			9			
1/4	1,783.05	1/4	1,423.94	1/4	1,064.83	1/4	706.27	1/4	349.92	1/4		1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	1,775.56	1/2	1,416.45	1/2	1,057.35	1/2	698.82	1/2	342.50	1/2		1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	1,768.08	3/4	1,408.97	3/4	1,049.87	3/4	691.37	3/4	335.07	3/4		3/4		3/4			3/4			3/4			3/4			3/4			3/4			
10	1,760.60	10	1,401.49	10	1,042.39	10	683.92	10	327.65	10		10		10			10			10			10			10			10			
1/4	1,753.12	1/4	1,394.01	1/4	1,034.91	1/4	676.47	1/4	320.22	1/4		1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	1,745.63	1/2	1,386.52	1/2	1,027.42	1/2	669.02	1/2	312.80	1/2		1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	1,738.15	3/4	1,379.04	3/4	1,019.94	3/4	661.57	3/4	305.37	3/4		3/4		3/4			3/4			3/4			3/4			3/4			3/4			
11	1,730.67	11	1,371.56	11	1,012.46	11	654.12	11	297.95	11		11		11			11			11			11			11			11			
1/4	1,723.19	1/4	1,364.08	1/4	1,004.98	1/4	646.72	1/4	290.52	1/4		1/4		1/4			1/4			1/4			1/4			1/4			1/4			
1/2	1,715.70	1/2	1,356.59	1/2	997.50	1/2	639.33	1/2	283.09	1/2		1/2		1/2			1/2			1/2			1/2			1/2			1/2			
3/4	1,708.22	3/4	1,349.11	3/4	990.02	3/4	631.93	3/4	275.67	3/4		3/4		3/4			3/4			3/4			3/4			3/4			3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/21/2004 CB
DECK MEASUREMENTS: 07/21/2014 SW
REPRINTED: 07/22/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "NGL 3140"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	4,823.22	0	4,579.51	0	4,316.14	0	4,052.76	0	3,789.39	0	3,504.06	0	3,144.89	0	2,785.72	0	2,426.56
1/4		1/4	4,820.93	1/4	4,574.02	1/4	4,310.65	1/4	4,047.27	1/4	3,783.90	1/4	3,496.58	1/4	3,137.41	1/4	2,778.24	1/4	2,419.08
1/2		1/2	4,817.73	1/2	4,568.53	1/2	4,305.16	1/2	4,041.78	1/2	3,778.41	1/2	3,489.10	1/2	3,129.93	1/2	2,770.76	1/2	2,411.60
3/4		3/4	4,814.53	3/4	4,563.05	3/4	4,299.68	3/4	4,036.29	3/4	3,772.92	3/4	3,481.61	3/4	3,122.44	3/4	2,763.27	3/4	2,404.11
1		1	4,811.33	1	4,557.56	1	4,294.19	1	4,030.81	1	3,767.44	1	3,474.13	1	3,114.96	1	2,755.79	1	2,396.63
1/4		1/4	4,808.13	1/4	4,552.07	1/4	4,288.70	1/4	4,025.32	1/4	3,761.95	1/4	3,466.65	1/4	3,107.48	1/4	2,748.31	1/4	2,389.15
1/2		1/2	4,804.02	1/2	4,546.58	1/2	4,283.21	1/2	4,019.83	1/2	3,756.46	1/2	3,459.17	1/2	3,100.00	1/2	2,740.83	1/2	2,381.67
3/4		3/4	4,799.90	3/4	4,541.10	3/4	4,277.73	3/4	4,014.35	3/4	3,750.97	3/4	3,451.68	3/4	3,092.51	3/4	2,733.34	3/4	2,374.18
2		2	4,795.79	2	4,535.61	2	4,272.24	2	4,008.86	2	3,745.49	2	3,444.20	2	3,085.03	2	2,725.86	2	2,366.70
1/4		1/4	4,791.67	1/4	4,530.12	1/4	4,266.75	1/4	4,003.38	1/4	3,740.00	1/4	3,436.72	1/4	3,077.55	1/4	2,718.38	1/4	2,359.22
1/2		1/2	4,786.64	1/2	4,524.64	1/2	4,261.26	1/2	3,997.89	1/2	3,734.51	1/2	3,429.24	1/2	3,070.07	1/2	2,710.90	1/2	2,351.73
3/4		3/4	4,781.61	3/4	4,519.15	3/4	4,255.78	3/4	3,992.40	3/4	3,729.03	3/4	3,421.75	3/4	3,062.58	3/4	2,703.41	3/4	2,344.25
3		3	4,776.58	3	4,513.67	3	4,250.29	3	3,986.92	3	3,723.54	3	3,414.27	3	3,055.10	3	2,695.93	3	2,336.76
1/4		1/4	4,771.55	1/4	4,508.18	1/4	4,244.80	1/4	3,981.43	1/4	3,718.06	1/4	3,406.79	1/4	3,046.62	1/4	2,688.45	1/4	2,329.28
1/2		1/2	4,766.06	1/2	4,502.69	1/2	4,239.31	1/2	3,975.94	1/2	3,712.57	1/2	3,399.31	1/2	3,040.14	1/2	2,680.97	1/2	2,321.80
3/4		3/4	4,760.58	3/4	4,497.21	3/4	4,233.83	3/4	3,970.45	3/4	3,707.08	3/4	3,391.82	3/4	3,032.65	3/4	2,673.48	3/4	2,314.31
4		4	4,755.09	4	4,491.72	4	4,228.34	4	3,964.97	4	3,701.60	4	3,384.34	4	3,025.17	4	2,666.00	4	2,306.83
1/4		1/4	4,749.60	1/4	4,486.23	1/4	4,222.85	1/4	3,959.48	1/4	3,696.11	1/4	3,376.86	1/4	3,017.69	1/4	2,658.52	1/4	2,299.35
1/2		1/2	4,744.11	1/2	4,480.74	1/2	4,217.37	1/2	3,953.99	1/2	3,690.62	1/2	3,369.37	1/2	3,010.21	1/2	2,651.04	1/2	2,291.87
3/4		3/4	4,738.63	3/4	4,475.26	3/4	4,211.88	3/4	3,948.50	3/4	3,685.13	3/4	3,361.89	3/4	3,002.72	3/4	2,643.55	3/4	2,284.38
5		5	4,733.14	5	4,469.77	5	4,206.40	5	3,943.02	5	3,679.65	5	3,354.40	5	2,995.24	5	2,636.07	5	2,276.90
1/4		1/4	4,727.65	1/4	4,464.28	1/4	4,200.91	1/4	3,937.53	1/4	3,674.16	1/4	3,346.92	1/4	2,987.76	1/4	2,628.59	1/4	2,269.42
1/2		1/2	4,722.17	1/2	4,458.79	1/2	4,195.42	1/2	3,932.04	1/2	3,668.67	1/2	3,339.44	1/2	2,980.28	1/2	2,621.11	1/2	2,261.94
3/4		3/4	4,716.68	3/4	4,453.31	3/4	4,189.94	3/4	3,926.56	3/4	3,663.18	3/4	3,331.95	3/4	2,972.79	3/4	2,613.62	3/4	2,254.45
6		6	4,711.20	6	4,447.82	6	4,184.45	6	3,921.07	6	3,657.70	6	3,324.47	6	2,965.31	6	2,606.14	6	2,246.97
1/4		1/4	4,705.71	1/4	4,442.33	1/4	4,178.96	1/4	3,915.59	1/4	3,652.21	1/4	3,316.99	1/4	2,957.83	1/4	2,598.66	1/4	2,239.49
1/2		1/2	4,700.22	1/2	4,436.84	1/2	4,173.47	1/2	3,910.10	1/2	3,646.72	1/2	3,309.51	1/2	2,950.35	1/2	2,591.18	1/2	2,232.01
3/4		3/4	4,694.74	3/4	4,431.36	3/4	4,167.99	3/4	3,904.61	3/4	3,641.23	3/4	3,302.02	3/4	2,942.86	3/4	2,583.69	3/4	2,224.52
7		7	4,689.25	7	4,425.87	7	4,162.50	7	3,899.13	7	3,635.75	7	3,294.54	7	2,935.38	7	2,576.21	7	2,217.04
1/4		1/4	4,683.76	1/4	4,420.38	1/4	4,157.01	1/4	3,893.64	1/4	3,630.26	1/4	3,287.06	1/4	2,927.90	1/4	2,568.73	1/4	2,209.56
1/2		1/2	4,678.27	1/2	4,414.90	1/2	4,151.52	1/2	3,888.15	1/2	3,624.77	1/2	3,279.58	1/2	2,920.42	1/2	2,561.25	1/2	2,202.08
3/4		3/4	4,672.79	3/4	4,409.41	3/4	4,146.03	3/4	3,882.66	3/4	3,619.29	3/4	3,272.09	3/4	2,912.93	3/4	2,553.76	3/4	2,194.59
8		8	4,667.30	8	4,403.93	8	4,140.55	8	3,877.18	8	3,613.80	8	3,264.61	8	2,905.45	8	2,546.28	8	2,187.11
1/4		1/4	4,661.81	1/4	4,398.44	1/4	4,135.06	1/4	3,871.69	1/4	3,608.32	1/4	3,257.13	1/4	2,897.97	1/4	2,538.80	1/4	2,179.63
1/2		1/2	4,656.32	1/2	4,392.95	1/2	4,129.57	1/2	3,866.20	1/2	3,602.83	1/2	3,249.65	1/2	2,890.49	1/2	2,531.32	1/2	2,172.15
3/4		3/4	4,650.84	3/4	4,387.47	3/4	4,124.09	3/4	3,860.71	3/4	3,597.34	3/4	3,242.16	3/4	2,883.00	3/4	2,523.83	3/4	2,164.66
9		9	4,645.35	9	4,381.98	9	4,118.61	9	3,855.23	9	3,591.86	9	3,234.68	9	2,875.52	9	2,516.35	9	2,157.18
1/4		1/4	4,639.86	1/4	4,376.49	1/4	4,113.12	1/4	3,849.74	1/4	3,586.37	1/4	3,227.20	1/4	2,868.04	1/4	2,508.87	1/4	2,149.70
1/2	4,837.39	1/2	4,634.37	1/2	4,371.00	1/2	4,107.63	1/2	3,844.25	1/2	3,578.89	1/2	3,219.72	1/2	2,860.55	1/2	2,501.39	1/2	2,142.22
3/4	4,836.78	3/4	4,628.89	3/4	4,365.52	3/4	4,102.14	3/4	3,838.76	3/4	3,571.40	3/4	3,212.23	3/4	2,853.07	3/4	2,493.90	3/4	2,134.73
10	4,836.17	10	4,623.40	10	4,360.03	10	4,096.66	10	3,833.28	10	3,563.92	10	3,204.75	10	2,845.58	10	2,486.42	10	2,127.25
1/4	4,835.56	1/4	4,617.91	1/4	4,354.54	1/4	4,091.17	1/4	3,827.79	1/4	3,556.44	1/4	3,197.27	1/4	2,838.10	1/4	2,478.94	1/4	2,119.77
1/2	4,834.19	1/2	4,612.43	1/2	4,349.05	1/2	4,085.68	1/2	3,822.30	1/2	3,548.96	1/2	3,189.79	1/2	2,830.62	1/2	2,471.46	1/2	2,112.29
3/4	4,832.82	3/4	4,606.94	3/4	4,343.57	3/4	4,080.19	3/4	3,816.82	3/4	3,541.47	3/4	3,182.30	3/4	2,823.13	3/4	2,463.97	3/4	2,104.80
11	4,831.45	11	4,601.46	11	4,338.08	11	4,074.71	11	3,811.33	11	3,533.99	11	3,174.82	11	2,815.65	11	2,456.49	11	2,097.32
1/4	4,830.08	1/4	4,595.97	1/4	4,332.59	1/4	4,069.22	1/4	3,805.85	1/4	3,526.51	1/4	3,167.34	1/4	2,808.17	1/4	2,449.01	1/4	2,089.84
1/2	4,827.79	1/2	4,590.48	1/2	4,327.11	1/2	4,063.73	1/2	3,800.36	1/2	3,519.03	1/2	3,159.86	1/2	2,800.69	1/2	2,441.53	1/2	2,082.36
3/4	4,825.51	3/4	4,585.00	3/4	4,321.62	3/4	4,058.24	3/4	3,794.87	3/4	3,511.54	3/4	3,152.37	3/4	2,793.20	3/4	2,434.04	3/4	2,074.87

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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "NGL 3140"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,067.39	0	1,708.22	0	1,349.11	0	990.02	0	631.93	0	275.67	0		0		0		0	
1/4	2,059.91	1/4	1,700.74	1/4	1,341.63	1/4	982.54	1/4	624.54	1/4	268.24	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,052.43	1/2	1,693.26	1/2	1,334.15	1/2	975.06	1/2	617.14	1/2	260.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,044.94	3/4	1,685.78	3/4	1,326.66	3/4	967.58	3/4	609.75	3/4	253.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,037.46	1	1,678.30	1	1,319.18	1	960.10	1	602.35	1	245.96	1	1	1	1	1	1	1	1
1/4	2,029.98	1/4	1,670.82	1/4	1,311.70	1/4	952.62	1/4	594.96	1/4	238.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,022.50	1/2	1,663.34	1/2	1,304.22	1/2	945.14	1/2	587.53	1/2	231.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,015.01	3/4	1,655.86	3/4	1,296.73	3/4	937.65	3/4	580.11	3/4	223.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,007.53	2	1,648.38	2	1,289.25	2	930.17	2	572.68	2	216.26	2	2	2	2	2	2	2	2
1/4	2,000.05	1/4	1,640.90	1/4	1,281.77	1/4	922.69	1/4	565.26	1/4	208.84	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,992.57	1/2	1,633.42	1/2	1,274.29	1/2	915.21	1/2	557.83	1/2	201.41	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,985.08	3/4	1,625.93	3/4	1,266.81	3/4	907.73	3/4	550.41	3/4	193.99	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,977.60	3	1,618.45	3	1,259.33	3	900.25	3	542.98	3	186.56	3	3	3	3	3	3	3	3
1/4	1,970.12	1/4	1,610.97	1/4	1,251.85	1/4	892.77	1/4	535.56	1/4	179.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,962.64	1/2	1,603.49	1/2	1,244.37	1/2	885.29	1/2	528.13	1/2	171.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,955.15	3/4	1,596.01	3/4	1,236.88	3/4	877.81	3/4	520.71	3/4	164.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,947.67	4	1,588.53	4	1,229.40	4	870.33	4	513.28	4	156.86	4	4	4	4	4	4	4	4
1/4	1,940.19	1/4	1,581.05	1/4	1,221.92	1/4	862.85	1/4	505.86	1/4	149.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,932.71	1/2	1,573.57	1/2	1,214.44	1/2	855.37	1/2	498.43	1/2	142.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,925.22	3/4	1,566.08	3/4	1,206.96	3/4	847.89	3/4	491.01	3/4	134.59	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,917.74	5	1,558.60	5	1,199.48	5	840.41	5	483.58	5	127.16	5	5	5	5	5	5	5	5
1/4	1,910.26	1/4	1,551.12	1/4	1,192.00	1/4	832.93	1/4	476.16	1/4	119.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,902.78	1/2	1,543.64	1/2	1,184.52	1/2	825.48	1/2	468.73	1/2	112.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,895.29	3/4	1,536.16	3/4	1,177.04	3/4	818.02	3/4	461.30	3/4	104.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,887.81	6	1,528.68	6	1,169.56	6	810.57	6	453.88	6	97.46	6	6	6	6	6	6	6	6
1/4	1,880.33	1/4	1,521.20	1/4	1,162.08	1/4	803.12	1/4	446.45	1/4	90.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,872.85	1/2	1,513.72	1/2	1,154.60	1/2	795.67	1/2	439.02	1/2	82.60	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,865.36	3/4	1,506.24	3/4	1,147.12	3/4	788.22	3/4	431.60	3/4	75.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,857.88	7	1,498.76	7	1,139.64	7	780.77	7	424.17	7	67.75	7	7	7	7	7	7	7	7
1/4	1,850.40	1/4	1,491.28	1/4	1,132.16	1/4	773.32	1/4	416.75	1/4	60.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,842.91	1/2	1,483.80	1/2	1,124.68	1/2	765.87	1/2	409.32	1/2	53.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,835.43	3/4	1,476.31	3/4	1,117.19	3/4	758.42	3/4	401.90	3/4	47.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,827.94	8	1,468.83	8	1,109.71	8	750.97	8	394.47	8	40.86	8	8	8	8	8	8	8	8
1/4	1,820.46	1/4	1,461.35	1/4	1,102.23	1/4	743.52	1/4	387.05	1/4	34.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,812.98	1/2	1,453.87	1/2	1,094.75	1/2	736.07	1/2	379.62	1/2	29.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,805.49	3/4	1,446.38	3/4	1,087.27	3/4	728.62	3/4	372.20	3/4	25.13	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,798.01	9	1,438.90	9	1,079.79	9	721.17	9	364.77	9	20.52	9	9	9	9	9	9	9	9
1/4	1,790.53	1/4	1,431.42	1/4	1,072.31	1/4	713.72	1/4	357.35	1/4	15.90	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,783.05	1/2	1,423.94	1/2	1,064.83	1/2	706.27	1/2	349.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,775.56	3/4	1,416.45	3/4	1,057.35	3/4	698.82	3/4	342.50	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,768.08	10	1,408.97	10	1,049.87	10	691.37	10	335.07	10		10	10	10	10	10	10	10	10
1/4	1,760.60	1/4	1,401.49	1/4	1,042.39	1/4	683.92	1/4	327.65	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,753.12	1/2	1,394.01	1/2	1,034.91	1/2	676.47	1/2	320.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,745.63	3/4	1,386.52	3/4	1,027.42	3/4	669.02	3/4	312.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,738.15	11	1,379.04	11	1,019.94	11	661.57	11	305.37	11		11	11	11	11	11	11	11	11
1/4	1,730.67	1/4	1,371.56	1/4	1,012.46	1/4	654.12	1/4	297.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,723.19	1/2	1,364.08	1/2	1,004.98	1/2	646.72	1/2	290.52	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,715.70	3/4	1,356.59	3/4	997.50	3/4	639.33	3/4	283.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/21/2004 CB
DECK MEASUREMENTS: 07/21/2014 SW
REPRINTED: 07/22/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "NGL 3140"

PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,010	0	2,019	0	3,028	0	4,038	0		0		0		0		0	
1/4	21	1/4	1,031	1/4	2,040	1/4	3,049	1/4	4,059	1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	1,052	1/2	2,061	1/2	3,070	1/2	4,080	1/2		1/2		1/2		1/2		1/2	
3/4	63	3/4	1,073	3/4	2,082	3/4	3,091	3/4	4,101	3/4		3/4		3/4		3/4		3/4	
1	84	1	1,094	1	2,103	1	3,112	1	4,122	1		1		1		1		1	
1/4	105	1/4	1,115	1/4	2,124	1/4	3,133	1/4	4,143	1/4		1/4		1/4		1/4		1/4	
1/2	126	1/2	1,136	1/2	2,145	1/2	3,154	1/2	4,164	1/2		1/2		1/2		1/2		1/2	
3/4	147	3/4	1,157	3/4	2,166	3/4	3,175	3/4	4,185	3/4		3/4		3/4		3/4		3/4	
2	168	2	1,178	2	2,187	2	3,196	2	4,206	2		2		2		2		2	
1/4	189	1/4	1,199	1/4	2,208	1/4	3,217	1/4	4,227	1/4		1/4		1/4		1/4		1/4	
1/2	210	1/2	1,220	1/2	2,229	1/2	3,239	1/2	4,248	1/2		1/2		1/2		1/2		1/2	
3/4	231	3/4	1,241	3/4	2,250	3/4	3,260	3/4	4,269	3/4		3/4		3/4		3/4		3/4	
3	252	3	1,262	3	2,271	3	3,281	3	4,290	3		3		3		3		3	
1/4	273	1/4	1,283	1/4	2,292	1/4	3,302	1/4	4,311	1/4		1/4		1/4		1/4		1/4	
1/2	294	1/2	1,304	1/2	2,313	1/2	3,323	1/2	4,332	1/2		1/2		1/2		1/2		1/2	
3/4	315	3/4	1,325	3/4	2,334	3/4	3,344	3/4	4,353	3/4		3/4		3/4		3/4		3/4	
4	337	4	1,346	4	2,355	4	3,365	4	4,374	4		4		4		4		4	
1/4	358	1/4	1,367	1/4	2,376	1/4	3,386	1/4	4,395	1/4		1/4		1/4		1/4		1/4	
1/2	379	1/2	1,388	1/2	2,397	1/2	3,407	1/2	4,416	1/2		1/2		1/2		1/2		1/2	
3/4	400	3/4	1,409	3/4	2,418	3/4	3,428	3/4	4,437	3/4		3/4		3/4		3/4		3/4	
5	421	5	1,430	5	2,439	5	3,449	5	4,458	5		5		5		5		5	
1/4	442	1/4	1,451	1/4	2,460	1/4	3,470	1/4	4,479	1/4		1/4		1/4		1/4		1/4	
1/2	463	1/2	1,472	1/2	2,481	1/2	3,491	1/2	4,500	1/2		1/2		1/2		1/2		1/2	
3/4	484	3/4	1,493	3/4	2,502	3/4	3,512	3/4	4,521	3/4		3/4		3/4		3/4		3/4	
6	505	6	1,514	6	2,523	6	3,533	6	4,542	6		6		6		6		6	
1/4	526	1/4	1,535	1/4	2,544	1/4	3,554	1/4	4,563	1/4		1/4		1/4		1/4		1/4	
1/2	547	1/2	1,556	1/2	2,565	1/2	3,575	1/2	4,584	1/2		1/2		1/2		1/2		1/2	
3/4	568	3/4	1,577	3/4	2,587	3/4	3,596	3/4	4,605	3/4		3/4		3/4		3/4		3/4	
7	589	7	1,598	7	2,608	7	3,617	7	4,626	7		7		7		7		7	
1/4	610	1/4	1,619	1/4	2,629	1/4	3,638	1/4	4,647	1/4		1/4		1/4		1/4		1/4	
1/2	631	1/2	1,640	1/2	2,650	1/2	3,659	1/2	4,668	1/2		1/2		1/2		1/2		1/2	
3/4	652	3/4	1,661	3/4	2,671	3/4	3,680	3/4	4,689	3/4		3/4		3/4		3/4		3/4	
8	673	8	1,682	8	2,692	8	3,701	8	4,710	8		8		8		8		8	
1/4	694	1/4	1,703	1/4	2,713	1/4	3,722	1/4	4,731	1/4		1/4		1/4		1/4		1/4	
1/2	715	1/2	1,724	1/2	2,734	1/2	3,743	1/2	4,752	1/2		1/2		1/2		1/2		1/2	
3/4	736	3/4	1,745	3/4	2,755	3/4	3,764	3/4	4,773	3/4		3/4		3/4		3/4		3/4	
9	757	9	1,766	9	2,776	9	3,785	9	4,793	9		9		9		9		9	
1/4	778	1/4	1,787	1/4	2,797	1/4	3,806	1/4	4,814	1/4		1/4		1/4		1/4		1/4	
1/2	799	1/2	1,808	1/2	2,818	1/2	3,827	1/2	4,835	1/2		1/2		1/2		1/2		1/2	
3/4	820	3/4	1,829	3/4	2,839	3/4	3,848	3/4	4,856	3/4		3/4		3/4		3/4		3/4	
10	841	10	1,850	10	2,860	10	3,869	10	4,877	10		10		10		10		10	
1/4	862	1/4	1,871	1/4	2,881	1/4	3,891	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	883	1/2	1,892	1/2	2,902	1/2	3,912	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	904	3/4	1,914	3/4	2,923	3/4	3,933	3/4		3/4		3/4		3/4		3/4		3/4	
11	925	11	1,935	11	2,944	11	3,954	11		11		11		11		11		11	
1/4	946	1/4	1,956	1/4	2,965	1/4	3,975	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	968	1/2	1,977	1/2	2,986	1/2	3,996	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	989	3/4	1,998	3/4	3,007	3/4	4,017	3/4		3/4		3/4		3/4		3/4		3/4	

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CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES

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



BARGE "NGL 3140"

STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	973	0	1,945	0	2,918	0	3,890	0		0		0		0		0	
1/4	20	1/4	993	1/4	1,965	1/4	2,938	1/4	3,910	1/4		1/4		1/4		1/4		1/4	
1/2	41	1/2	1,013	1/2	1,985	1/2	2,958	1/2	3,931	1/2		1/2		1/2		1/2		1/2	
3/4	61	3/4	1,033	3/4	2,006	3/4	2,978	3/4	3,951	3/4		3/4		3/4		3/4		3/4	
1	81	1	1,054	1	2,026	1	2,999	1	3,971	1		1		1		1		1	
1/4	101	1/4	1,074	1/4	2,046	1/4	3,019	1/4	3,992	1/4		1/4		1/4		1/4		1/4	
1/2	122	1/2	1,094	1/2	2,066	1/2	3,039	1/2	4,012	1/2		1/2		1/2		1/2		1/2	
3/4	142	3/4	1,115	3/4	2,087	3/4	3,059	3/4	4,032	3/4		3/4		3/4		3/4		3/4	
2	162	2	1,135	2	2,107	2	3,080	2	4,052	2		2		2		2		2	
1/4	182	1/4	1,155	1/4	2,127	1/4	3,100	1/4	4,073	1/4		1/4		1/4		1/4		1/4	
1/2	203	1/2	1,175	1/2	2,148	1/2	3,120	1/2	4,093	1/2		1/2		1/2		1/2		1/2	
3/4	223	3/4	1,196	3/4	2,168	3/4	3,140	3/4	4,113	3/4		3/4		3/4		3/4		3/4	
3	243	3	1,216	3	2,188	3	3,161	3	4,133	3		3		3		3		3	
1/4	263	1/4	1,236	1/4	2,208	1/4	3,181	1/4	4,154	1/4		1/4		1/4		1/4		1/4	
1/2	284	1/2	1,256	1/2	2,229	1/2	3,201	1/2	4,174	1/2		1/2		1/2		1/2		1/2	
3/4	304	3/4	1,277	3/4	2,249	3/4	3,221	3/4	4,194	3/4		3/4		3/4		3/4		3/4	
4	324	4	1,297	4	2,269	4	3,242	4	4,214	4		4		4		4		4	
1/4	344	1/4	1,317	1/4	2,289	1/4	3,262	1/4	4,235	1/4		1/4		1/4		1/4		1/4	
1/2	365	1/2	1,337	1/2	2,310	1/2	3,282	1/2	4,255	1/2		1/2		1/2		1/2		1/2	
3/4	385	3/4	1,358	3/4	2,330	3/4	3,303	3/4	4,275	3/4		3/4		3/4		3/4		3/4	
5	405	5	1,378	5	2,350	5	3,323	5	4,295	5		5		5		5		5	
1/4	426	1/4	1,398	1/4	2,370	1/4	3,343	1/4	4,316	1/4		1/4		1/4		1/4		1/4	
1/2	446	1/2	1,418	1/2	2,391	1/2	3,363	1/2	4,336	1/2		1/2		1/2		1/2		1/2	
3/4	466	3/4	1,438	3/4	2,411	3/4	3,384	3/4	4,356	3/4		3/4		3/4		3/4		3/4	
6	486	6	1,459	6	2,431	6	3,404	6	4,376	6		6		6		6		6	
1/4	507	1/4	1,479	1/4	2,451	1/4	3,424	1/4	4,397	1/4		1/4		1/4		1/4		1/4	
1/2	527	1/2	1,499	1/2	2,472	1/2	3,444	1/2	4,417	1/2		1/2		1/2		1/2		1/2	
3/4	547	3/4	1,519	3/4	2,492	3/4	3,465	3/4	4,437	3/4		3/4		3/4		3/4		3/4	
7	567	7	1,540	7	2,512	7	3,485	7	4,457	7		7		7		7		7	
1/4	588	1/4	1,560	1/4	2,533	1/4	3,505	1/4	4,477	1/4		1/4		1/4		1/4		1/4	
1/2	608	1/2	1,580	1/2	2,553	1/2	3,525	1/2	4,497	1/2		1/2		1/2		1/2		1/2	
3/4	628	3/4	1,600	3/4	2,573	3/4	3,546	3/4	4,517	3/4		3/4		3/4		3/4		3/4	
8	648	8	1,621	8	2,593	8	3,566	8	4,538	8		8		8		8		8	
1/4	669	1/4	1,641	1/4	2,614	1/4	3,586	1/4	4,558	1/4		1/4		1/4		1/4		1/4	
1/2	689	1/2	1,661	1/2	2,634	1/2	3,607	1/2	4,578	1/2		1/2		1/2		1/2		1/2	
3/4	709	3/4	1,681	3/4	2,654	3/4	3,627	3/4	4,598	3/4		3/4		3/4		3/4		3/4	
9	730	9	1,702	9	2,674	9	3,647	9	4,618	9		9		9		9		9	
1/4	750	1/4	1,722	1/4	2,695	1/4	3,667	1/4	4,638	1/4		1/4		1/4		1/4		1/4	
1/2	770	1/2	1,742	1/2	2,715	1/2	3,688	1/2	4,659	1/2		1/2		1/2		1/2		1/2	
3/4	790	3/4	1,763	3/4	2,735	3/4	3,708	3/4	4,679	3/4		3/4		3/4		3/4		3/4	
10	811	10	1,783	10	2,755	10	3,728	10	4,699	10		10		10		10		10	
1/4	831	1/4	1,803	1/4	2,776	1/4	3,748	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	851	1/2	1,823	1/2	2,796	1/2	3,769	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	871	3/4	1,844	3/4	2,816	3/4	3,789	3/4		3/4		3/4		3/4		3/4		3/4	
11	892	11	1,864	11	2,836	11	3,809	11		11		11		11		11		11	
1/4	912	1/4	1,884	1/4	2,857	1/4	3,829	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	932	1/2	1,904	1/2	2,877	1/2	3,850	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	952	3/4	1,925	3/4	2,897	3/4	3,870	3/4		3/4		3/4		3/4		3/4		3/4	

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