



BARGE "EMS 519"

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 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	00-3/8	- 00-3/8
1 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	00-3/8	- 00-3/8
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	00-3/8	- 00-3/8
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	00-3/8	- 00-3/8
3 PORT	- 00-5/8	00-5/8	- 01-1/4	01-1/4	- 01-7/8	01-7/8	- 02-1/2	02-1/2	- 03-0/8	03-0/8	- 03-5/8	03-5/8
3 STBD	- 00-5/8	00-5/8	- 01-1/4	01-1/4	- 01-7/8	01-7/8	- 02-1/2	02-1/2	- 03-0/8	03-0/8	- 03-5/8	03-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 238'-00"

June 30, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "EMS 519"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,560.33	0	3,924.01	0	4,286.99	0	4,636.50	0	4,967.63	0		0		0		0		0	
1/4	3,567.91	1/4	3,931.58	1/4	4,294.45	1/4	4,643.57	1/4	4,975.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,575.48	1/2	3,939.16	1/2	4,301.90	1/2	4,650.65	1/2	4,982.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,583.06	3/4	3,946.74	3/4	4,309.36	3/4	4,657.72	3/4	4,989.91	3/4		3/4		3/4		3/4		3/4	
1	3,590.64	1	3,954.31	1	4,316.82	1	4,664.80	1	4,997.33	1		1		1		1		1	
1/4	3,598.21	1/4	3,961.89	1/4	4,324.24	1/4	4,671.81	1/4	5,004.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,605.79	1/2	3,969.47	1/2	4,331.67	1/2	4,678.82	1/2	5,012.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,613.37	3/4	3,977.04	3/4	4,339.09	3/4	4,685.84	3/4	5,019.77	3/4		3/4		3/4		3/4		3/4	
2	3,620.94	2	3,984.62	2	4,346.52	2	4,692.85	2	5,027.25	2		2		2		2		2	
1/4	3,628.52	1/4	3,992.20	1/4	4,353.91	1/4	4,699.83	1/4	5,034.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,636.10	1/2	3,999.77	1/2	4,361.31	1/2	4,706.81	1/2	5,042.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,643.67	3/4	4,007.35	3/4	4,368.70	3/4	4,713.79	3/4	5,049.68	3/4		3/4		3/4		3/4		3/4	
3	3,651.25	3	4,014.93	3	4,376.10	3	4,720.78	3	5,057.16	3		3		3		3		3	
1/4	3,658.82	1/4	4,022.50	1/4	4,383.46	1/4	4,727.73	1/4	5,064.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,666.40	1/2	4,030.08	1/2	4,390.82	1/2	4,734.68	1/2	5,072.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.98	3/4	4,037.65	3/4	4,398.18	3/4	4,741.63	3/4	5,079.59	3/4		3/4		3/4		3/4		3/4	
4	3,681.55	4	4,045.23	4	4,405.55	4	4,748.58	4	5,087.07	4		4		4		4		4	
1/4	3,689.13	1/4	4,052.81	1/4	4,412.87	1/4	4,755.49	1/4	5,094.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,696.71	1/2	4,060.38	1/2	4,420.20	1/2	4,762.41	1/2	5,102.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,704.28	3/4	4,067.96	3/4	4,427.53	3/4	4,769.33	3/4	5,109.50	3/4		3/4		3/4		3/4		3/4	
5	3,711.86	5	4,075.54	5	4,434.86	5	4,776.24	5	5,116.98	5		5		5		5		5	
1/4	3,719.44	1/4	4,083.11	1/4	4,442.15	1/4	4,783.12	1/4	5,124.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,727.01	1/2	4,090.69	1/2	4,449.45	1/2	4,790.01	1/2	5,131.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,734.59	3/4	4,098.27	3/4	4,456.75	3/4	4,796.89	3/4	5,139.00	3/4		3/4		3/4		3/4		3/4	
6	3,742.17	6	4,105.84	6	4,464.04	6	4,803.77	6	5,146.34	6		6		6		6		6	
1/4	3,749.74	1/4	4,113.42	1/4	4,471.31	1/4	4,810.62	1/4	5,152.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,757.32	1/2	4,121.00	1/2	4,478.58	1/2	4,817.48	1/2	5,159.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,764.90	3/4	4,128.57	3/4	4,485.84	3/4	4,824.33	3/4	5,165.40	3/4		3/4		3/4		3/4		3/4	
7	3,772.47	7	4,136.15	7	4,493.11	7	4,831.18	7	5,171.76	7		7		7		7		7	
1/4	3,780.05	1/4	4,143.73	1/4	4,500.34	1/4	4,838.00	1/4	5,176.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,787.63	1/2	4,151.30	1/2	4,507.58	1/2	4,844.82	1/2	5,182.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,795.20	3/4	4,158.88	3/4	4,514.81	3/4	4,851.64	3/4	5,187.16	3/4		3/4		3/4		3/4		3/4	
8	3,802.78	8	4,166.46	8	4,522.04	8	4,858.47	8	5,192.29	8		8		8		8		8	
1/4	3,810.36	1/4	4,174.03	1/4	4,529.24	1/4	4,865.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,817.93	1/2	4,181.60	1/2	4,536.44	1/2	4,872.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,825.51	3/4	4,189.18	3/4	4,543.64	3/4	4,878.84	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,833.09	9	4,196.75	9	4,550.84	9	4,885.63	9		9		9		9		9		9	
1/4	3,840.66	1/4	4,204.30	1/4	4,558.01	1/4	4,892.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,848.24	1/2	4,211.86	1/2	4,565.18	1/2	4,899.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,855.82	3/4	4,219.41	3/4	4,572.35	3/4	4,905.91	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,863.39	10	4,226.96	10	4,579.51	10	4,912.67	10		10		10		10		10		10	
1/4	3,870.97	1/4	4,234.48	1/4	4,586.65	1/4	4,919.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,878.55	1/2	4,242.00	1/2	4,593.79	1/2	4,926.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.12	3/4	4,249.52	3/4	4,600.93	3/4	4,932.85	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,893.70	11	4,257.05	11	4,608.07	11	4,939.57	11		11		11		11		11		11	
1/4	3,901.28	1/4	4,264.53	1/4	4,615.17	1/4	4,946.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,908.85	1/2	4,272.02	1/2	4,622.28	1/2	4,953.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,916.43	3/4	4,279.51	3/4	4,629.39	3/4	4,960.62	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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



BARGE "EMS 519"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,550.45	0	3,913.33	0	4,275.50	0	4,624.25	0	4,954.69	0		0		0		0		0	
1/4	3,558.01	1/4	3,920.89	1/4	4,282.94	1/4	4,631.31	1/4	4,962.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,565.57	1/2	3,928.45	1/2	4,290.38	1/2	4,638.37	1/2	4,969.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,573.13	3/4	3,936.01	3/4	4,297.82	3/4	4,645.43	3/4	4,976.92	3/4		3/4		3/4		3/4		3/4	
1	3,580.69	1	3,943.57	1	4,305.26	1	4,652.49	1	4,984.33	1		1		1		1		1	
1/4	3,588.25	1/4	3,951.13	1/4	4,312.67	1/4	4,659.49	1/4	4,991.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,595.81	1/2	3,958.69	1/2	4,320.08	1/2	4,666.49	1/2	4,999.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.37	3/4	3,966.25	3/4	4,327.49	3/4	4,673.49	3/4	5,006.71	3/4		3/4		3/4		3/4		3/4	
2	3,610.93	2	3,973.81	2	4,334.90	2	4,680.49	2	5,014.17	2		2		2		2		2	
1/4	3,618.49	1/4	3,981.37	1/4	4,342.28	1/4	4,687.45	1/4	5,021.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.05	1/2	3,988.93	1/2	4,349.66	1/2	4,694.42	1/2	5,029.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,633.61	3/4	3,996.49	3/4	4,357.03	3/4	4,701.38	3/4	5,036.56	3/4		3/4		3/4		3/4		3/4	
3	3,641.17	3	4,004.05	3	4,364.41	3	4,708.35	3	5,044.02	3		3		3		3		3	
1/4	3,648.73	1/4	4,011.61	1/4	4,371.76	1/4	4,715.28	1/4	5,051.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.29	1/2	4,019.17	1/2	4,379.11	1/2	4,722.22	1/2	5,058.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,663.85	3/4	4,026.73	3/4	4,386.45	3/4	4,729.16	3/4	5,066.40	3/4		3/4		3/4		3/4		3/4	
4	3,671.41	4	4,034.29	4	4,393.80	4	4,736.09	4	5,073.86	4		4		4		4		4	
1/4	3,678.97	1/4	4,041.85	1/4	4,401.11	1/4	4,742.99	1/4	5,081.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,686.53	1/2	4,049.41	1/2	4,408.42	1/2	4,749.89	1/2	5,088.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,694.09	3/4	4,056.97	3/4	4,415.73	3/4	4,756.80	3/4	5,096.25	3/4		3/4		3/4		3/4		3/4	
5	3,701.65	5	4,064.53	5	4,423.04	5	4,763.70	5	5,103.71	5		5		5		5		5	
1/4	3,709.21	1/4	4,072.09	1/4	4,430.32	1/4	4,770.57	1/4	5,111.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,716.77	1/2	4,079.64	1/2	4,437.61	1/2	4,777.44	1/2	5,118.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,724.33	3/4	4,087.20	3/4	4,444.89	3/4	4,784.30	3/4	5,125.69	3/4		3/4		3/4		3/4		3/4	
6	3,731.89	6	4,094.76	6	4,452.17	6	4,791.17	6	5,133.01	6		6		6		6		6	
1/4	3,739.45	1/4	4,102.32	1/4	4,459.42	1/4	4,798.01	1/4	5,139.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,747.01	1/2	4,109.88	1/2	4,466.67	1/2	4,804.85	1/2	5,145.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,754.57	3/4	4,117.44	3/4	4,473.92	3/4	4,811.68	3/4	5,152.03	3/4		3/4		3/4		3/4		3/4	
7	3,762.13	7	4,125.00	7	4,481.17	7	4,818.52	7	5,158.37	7		7		7		7		7	
1/4	3,769.69	1/4	4,132.56	1/4	4,488.39	1/4	4,825.33	1/4	5,163.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,777.25	1/2	4,140.12	1/2	4,495.61	1/2	4,832.14	1/2	5,168.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,784.81	3/4	4,147.68	3/4	4,502.82	3/4	4,838.94	3/4	5,173.74	3/4		3/4		3/4		3/4		3/4	
8	3,792.37	8	4,155.24	8	4,510.04	8	4,845.75	8	5,178.86	8		8		8		8		8	
1/4	3,799.93	1/4	4,162.80	1/4	4,517.23	1/4	4,852.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.49	1/2	4,170.35	1/2	4,524.41	1/2	4,859.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,815.05	3/4	4,177.91	3/4	4,531.59	3/4	4,866.08	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,822.61	9	4,185.46	9	4,538.78	9	4,872.86	9		9		9		9		9		9	
1/4	3,830.17	1/4	4,193.00	1/4	4,545.93	1/4	4,879.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.73	1/2	4,200.53	1/2	4,553.08	1/2	4,886.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,845.29	3/4	4,208.07	3/4	4,560.24	3/4	4,893.10	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,852.85	10	4,215.61	10	4,567.39	10	4,899.84	10		10		10		10		10		10	
1/4	3,860.41	1/4	4,223.11	1/4	4,574.51	1/4	4,906.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.97	1/2	4,230.61	1/2	4,581.63	1/2	4,913.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.53	3/4	4,238.12	3/4	4,588.76	3/4	4,919.98	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,883.09	11	4,245.62	11	4,595.88	11	4,926.69	11		11		11		11		11		11	
1/4	3,890.65	1/4	4,253.09	1/4	4,602.97	1/4	4,933.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,898.21	1/2	4,260.56	1/2	4,610.07	1/2	4,940.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.77	3/4	4,268.03	3/4	4,617.16	3/4	4,947.69	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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



BARGE "EMS 519"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	3,615.85	0	3,978.25	0	4,339.95	0	4,688.23	0	5,018.21	0		0		0		0		0	
1/4	3,623.40	1/4	3,985.80	1/4	4,347.38	1/4	4,695.28	1/4	5,025.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.95	1/2	3,993.35	1/2	4,354.80	1/2	4,702.33	1/2	5,033.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.50	3/4	4,000.90	3/4	4,362.23	3/4	4,709.38	3/4	5,040.40	3/4		3/4		3/4		3/4		3/4	
1	3,646.05	1	4,008.45	1	4,369.66	1	4,716.43	1	5,047.80	1		1		1		1		1	
1/4	3,653.60	1/4	4,016.00	1/4	4,377.06	1/4	4,723.42	1/4	5,055.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,661.15	1/2	4,023.55	1/2	4,384.46	1/2	4,730.41	1/2	5,062.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,668.70	3/4	4,031.10	3/4	4,391.86	3/4	4,737.40	3/4	5,070.16	3/4		3/4		3/4		3/4		3/4	
2	3,676.25	2	4,038.65	2	4,399.26	2	4,744.39	2	5,077.61	2		2		2		2		2	
1/4	3,683.80	1/4	4,046.20	1/4	4,406.63	1/4	4,751.34	1/4	5,085.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.35	1/2	4,053.75	1/2	4,414.00	1/2	4,758.30	1/2	5,092.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,698.90	3/4	4,061.30	3/4	4,421.37	3/4	4,765.25	3/4	5,099.96	3/4		3/4		3/4		3/4		3/4	
3	3,706.45	3	4,068.85	3	4,428.74	3	4,772.21	3	5,107.41	3		3		3		3		3	
1/4	3,714.00	1/4	4,076.40	1/4	4,436.08	1/4	4,779.14	1/4	5,114.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,721.55	1/2	4,083.95	1/2	4,443.41	1/2	4,786.06	1/2	5,122.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,729.10	3/4	4,091.50	3/4	4,450.75	3/4	4,792.99	3/4	5,129.77	3/4		3/4		3/4		3/4		3/4	
4	3,736.65	4	4,099.05	4	4,458.08	4	4,799.91	4	5,137.22	4		4		4		4		4	
1/4	3,744.20	1/4	4,106.60	1/4	4,465.38	1/4	4,806.81	1/4	5,144.67	1/4		1/4		1/4		1/4		1/4	
1/2	3,751.75	1/2	4,114.15	1/2	4,472.69	1/2	4,813.70	1/2	5,152.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,759.30	3/4	4,121.70	3/4	4,479.99	3/4	4,820.59	3/4	5,159.57	3/4		3/4		3/4		3/4		3/4	
5	3,766.85	5	4,129.25	5	4,487.29	5	4,827.48	5	5,167.02	5		5		5		5		5	
1/4	3,774.40	1/4	4,136.80	1/4	4,494.56	1/4	4,834.34	1/4	5,174.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,781.95	1/2	4,144.35	1/2	4,501.83	1/2	4,841.20	1/2	5,181.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,789.50	3/4	4,151.90	3/4	4,509.10	3/4	4,848.06	3/4	5,188.97	3/4		3/4		3/4		3/4		3/4	
6	3,797.05	6	4,159.45	6	4,516.38	6	4,854.92	6	5,196.28	6		6		6		6		6	
1/4	3,804.60	1/4	4,167.00	1/4	4,523.62	1/4	4,861.75	1/4	5,202.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,812.15	1/2	4,174.55	1/2	4,530.86	1/2	4,868.57	1/2	5,208.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,819.70	3/4	4,182.10	3/4	4,538.10	3/4	4,875.40	3/4	5,215.27	3/4		3/4		3/4		3/4		3/4	
7	3,827.25	7	4,189.65	7	4,545.34	7	4,882.23	7	5,221.60	7		7		7		7		7	
1/4	3,834.80	1/4	4,197.20	1/4	4,552.55	1/4	4,889.03	1/4	5,226.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,842.35	1/2	4,204.75	1/2	4,559.76	1/2	4,895.82	1/2	5,231.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,849.90	3/4	4,212.30	3/4	4,566.97	3/4	4,902.62	3/4	5,236.95	3/4		3/4		3/4		3/4		3/4	
8	3,857.45	8	4,219.85	8	4,574.17	8	4,909.42	8	5,242.07	8		8		8		8		8	
1/4	3,865.00	1/4	4,227.39	1/4	4,581.35	1/4	4,916.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,872.55	1/2	4,234.94	1/2	4,588.52	1/2	4,922.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,880.10	3/4	4,242.48	3/4	4,595.70	3/4	4,929.72	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,887.65	9	4,250.02	9	4,602.87	9	4,936.49	9		9		9		9		9		9	
1/4	3,895.20	1/4	4,257.55	1/4	4,610.01	1/4	4,943.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,902.75	1/2	4,265.07	1/2	4,617.16	1/2	4,949.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,910.30	3/4	4,272.60	3/4	4,624.30	3/4	4,956.70	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,917.85	10	4,280.13	10	4,631.44	10	4,963.44	10		10		10		10		10		10	
1/4	3,925.40	1/4	4,287.62	1/4	4,638.56	1/4	4,970.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,932.95	1/2	4,295.12	1/2	4,645.67	1/2	4,976.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,940.50	3/4	4,302.61	3/4	4,652.78	3/4	4,983.54	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,948.05	11	4,310.10	11	4,659.90	11	4,990.25	11		11		11		11		11		11	
1/4	3,955.60	1/4	4,317.56	1/4	4,666.98	1/4	4,997.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,963.15	1/2	4,325.03	1/2	4,674.06	1/2	5,004.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,970.70	3/4	4,332.49	3/4	4,681.14	3/4	5,011.22	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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



BARGE "EMS 519"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Gauge Height 15'-08"

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	3,594.29	0	3,956.29	0	4,317.60	0	4,665.51	0	4,995.14	0		0		0		0		0	
1/4	3,601.83	1/4	3,963.83	1/4	4,325.02	1/4	4,672.55	1/4	5,002.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.37	1/2	3,971.37	1/2	4,332.44	1/2	4,679.59	1/2	5,009.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,616.91	3/4	3,978.91	3/4	4,339.86	3/4	4,686.63	3/4	5,017.31	3/4		3/4		3/4		3/4		3/4	
1	3,624.45	1	3,986.45	1	4,347.28	1	4,693.67	1	5,024.70	1		1		1		1		1	
1/4	3,631.99	1/4	3,994.00	1/4	4,354.68	1/4	4,700.66	1/4	5,032.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.54	1/2	4,001.54	1/2	4,362.07	1/2	4,707.64	1/2	5,039.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,647.08	3/4	4,009.08	3/4	4,369.46	3/4	4,714.62	3/4	5,047.03	3/4		3/4		3/4		3/4		3/4	
2	3,654.62	2	4,016.62	2	4,376.85	2	4,721.61	2	5,054.47	2		2		2		2		2	
1/4	3,662.16	1/4	4,024.16	1/4	4,384.21	1/4	4,728.55	1/4	5,061.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.70	1/2	4,031.70	1/2	4,391.57	1/2	4,735.50	1/2	5,069.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.24	3/4	4,039.25	3/4	4,398.94	3/4	4,742.45	3/4	5,076.80	3/4		3/4		3/4		3/4		3/4	
3	3,684.79	3	4,046.79	3	4,406.30	3	4,749.40	3	5,084.25	3		3		3		3		3	
1/4	3,692.33	1/4	4,054.33	1/4	4,413.62	1/4	4,756.32	1/4	5,091.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,699.87	1/2	4,061.87	1/2	4,420.95	1/2	4,763.24	1/2	5,099.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,707.41	3/4	4,069.41	3/4	4,428.28	3/4	4,770.15	3/4	5,106.58	3/4		3/4		3/4		3/4		3/4	
4	3,714.95	4	4,076.95	4	4,435.61	4	4,777.07	4	5,114.02	4		4		4		4		4	
1/4	3,722.49	1/4	4,084.50	1/4	4,442.90	1/4	4,783.96	1/4	5,121.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,730.04	1/2	4,092.04	1/2	4,450.20	1/2	4,790.84	1/2	5,128.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,737.58	3/4	4,099.58	3/4	4,457.49	3/4	4,797.73	3/4	5,136.35	3/4		3/4		3/4		3/4		3/4	
5	3,745.12	5	4,107.12	5	4,464.78	5	4,804.61	5	5,143.79	5		5		5		5		5	
1/4	3,752.66	1/4	4,114.66	1/4	4,472.05	1/4	4,811.47	1/4	5,151.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,760.20	1/2	4,122.20	1/2	4,479.31	1/2	4,818.32	1/2	5,158.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,767.74	3/4	4,129.75	3/4	4,486.58	3/4	4,825.17	3/4	5,165.71	3/4		3/4		3/4		3/4		3/4	
6	3,775.29	6	4,137.29	6	4,493.84	6	4,832.02	6	5,173.02	6		6		6		6		6	
1/4	3,782.83	1/4	4,144.83	1/4	4,501.07	1/4	4,838.84	1/4	5,179.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,790.37	1/2	4,152.37	1/2	4,508.31	1/2	4,845.66	1/2	5,185.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,797.91	3/4	4,159.91	3/4	4,515.54	3/4	4,852.48	3/4	5,191.99	3/4		3/4		3/4		3/4		3/4	
7	3,805.45	7	4,167.45	7	4,522.77	7	4,859.30	7	5,198.31	7		7		7		7		7	
1/4	3,812.99	1/4	4,175.00	1/4	4,529.97	1/4	4,866.09	1/4	5,203.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,820.54	1/2	4,182.54	1/2	4,537.17	1/2	4,872.88	1/2	5,208.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,828.08	3/4	4,190.08	3/4	4,544.37	3/4	4,879.67	3/4	5,213.64	3/4		3/4		3/4		3/4		3/4	
8	3,835.62	8	4,197.62	8	4,551.57	8	4,886.46	8	5,218.75	8		8		8		8		8	
1/4	3,843.16	1/4	4,205.16	1/4	4,558.74	1/4	4,893.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,850.70	1/2	4,212.70	1/2	4,565.91	1/2	4,899.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,858.24	3/4	4,220.24	3/4	4,573.07	3/4	4,906.75	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,865.79	9	4,227.77	9	4,580.24	9	4,913.51	9		9		9		9		9		9	
1/4	3,873.33	1/4	4,235.29	1/4	4,587.37	1/4	4,920.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.87	1/2	4,242.81	1/2	4,594.51	1/2	4,926.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,888.41	3/4	4,250.33	3/4	4,601.65	3/4	4,933.69	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,895.95	10	4,257.85	10	4,608.78	10	4,940.42	10		10		10		10		10		10	
1/4	3,903.50	1/4	4,265.33	1/4	4,615.89	1/4	4,947.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,911.04	1/2	4,272.82	1/2	4,622.99	1/2	4,953.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,918.58	3/4	4,280.30	3/4	4,630.10	3/4	4,960.51	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,926.12	11	4,287.79	11	4,637.20	11	4,967.21	11		11		11		11		11		11	
1/4	3,933.66	1/4	4,295.24	1/4	4,644.28	1/4	4,974.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,941.20	1/2	4,302.69	1/2	4,651.36	1/2	4,981.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,948.75	3/4	4,310.15	3/4	4,658.43	3/4	4,988.15	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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



BARGE "EMS 519"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,558.95	0	3,753.35	0	3,947.06	0	4,127.40	0	4,290.22	0		0		0		0		0	
1/4	3,563.00	1/4	3,757.40	1/4	3,950.99	1/4	4,130.95	1/4	4,294.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,567.05	1/2	3,761.45	1/2	3,954.92	1/2	4,134.50	1/2	4,298.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,571.10	3/4	3,765.50	3/4	3,958.85	3/4	4,138.05	3/4	4,302.06	3/4		3/4		3/4		3/4		3/4	
1	3,575.15	1	3,769.55	1	3,962.78	1	4,141.60	1	4,306.00	1		1		1		1		1	
1/4	3,579.20	1/4	3,773.60	1/4	3,966.68	1/4	4,145.11	1/4	4,310.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,583.25	1/2	3,777.65	1/2	3,970.58	1/2	4,148.61	1/2	4,313.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,587.30	3/4	3,781.70	3/4	3,974.48	3/4	4,152.12	3/4	4,317.99	3/4		3/4		3/4		3/4		3/4	
2	3,591.35	2	3,785.75	2	3,978.38	2	4,155.62	2	4,321.99	2		2		2		2		2	
1/4	3,595.40	1/4	3,789.80	1/4	3,982.25	1/4	4,159.10	1/4	4,325.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,599.45	1/2	3,793.85	1/2	3,986.12	1/2	4,162.57	1/2	4,329.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.50	3/4	3,797.90	3/4	3,989.99	3/4	4,166.04	3/4	4,333.98	3/4		3/4		3/4		3/4		3/4	
3	3,607.55	3	3,801.95	3	3,993.86	3	4,169.52	3	4,337.98	3		3		3		3		3	
1/4	3,611.60	1/4	3,806.00	1/4	3,997.70	1/4	4,172.96	1/4	4,341.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,615.65	1/2	3,810.05	1/2	4,001.53	1/2	4,176.40	1/2	4,345.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,619.70	3/4	3,814.10	3/4	4,005.37	3/4	4,179.84	3/4	4,349.97	3/4		3/4		3/4		3/4		3/4	
4	3,623.75	4	3,818.15	4	4,009.21	4	4,183.29	4	4,353.96	4		4		4		4		4	
1/4	3,627.80	1/4	3,822.20	1/4	4,013.01	1/4	4,186.70	1/4	4,357.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,631.85	1/2	3,826.25	1/2	4,016.81	1/2	4,190.11	1/2	4,361.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,635.90	3/4	3,830.30	3/4	4,020.62	3/4	4,193.52	3/4	4,365.95	3/4		3/4		3/4		3/4		3/4	
5	3,639.95	5	3,834.35	5	4,024.42	5	4,196.93	5	4,369.95	5		5		5		5		5	
1/4	3,644.00	1/4	3,838.40	1/4	4,028.19	1/4	4,200.30	1/4	4,373.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,648.05	1/2	3,842.45	1/2	4,031.96	1/2	4,203.68	1/2	4,377.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,652.10	3/4	3,846.50	3/4	4,035.74	3/4	4,207.05	3/4	4,381.54	3/4		3/4		3/4		3/4		3/4	
6	3,656.15	6	3,850.55	6	4,039.51	6	4,210.43	6	4,385.40	6		6		6		6		6	
1/4	3,660.20	1/4	3,854.60	1/4	4,043.25	1/4	4,213.77	1/4	4,388.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,664.25	1/2	3,858.65	1/2	4,046.99	1/2	4,217.12	1/2	4,391.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,668.30	3/4	3,862.70	3/4	4,050.74	3/4	4,220.46	3/4	4,394.04	3/4		3/4		3/4		3/4		3/4	
7	3,672.35	7	3,866.75	7	4,054.48	7	4,223.81	7	4,396.93	7		7		7		7		7	
1/4	3,676.40	1/4	3,870.80	1/4	4,058.19	1/4	4,227.12	1/4	4,398.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,680.45	1/2	3,874.85	1/2	4,061.90	1/2	4,230.44	1/2	4,400.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,684.50	3/4	3,878.90	3/4	4,065.61	3/4	4,233.75	3/4	4,401.90	3/4		3/4		3/4		3/4		3/4	
8	3,688.55	8	3,882.95	8	4,069.32	8	4,237.07	8	4,403.56	8		8		8		8		8	
1/4	3,692.60	1/4	3,887.00	1/4	4,072.99	1/4	4,240.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,696.65	1/2	3,891.04	1/2	4,076.67	1/2	4,243.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,700.70	3/4	3,895.09	3/4	4,080.34	3/4	4,246.93	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,704.75	9	3,899.13	9	4,084.02	9	4,250.21	9		9		9		9		9		9	
1/4	3,708.80	1/4	3,903.16	1/4	4,087.66	1/4	4,253.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.85	1/2	3,907.19	1/2	4,091.31	1/2	4,256.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,716.90	3/4	3,911.21	3/4	4,094.95	3/4	4,259.97	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,720.95	10	3,915.24	10	4,098.60	10	4,263.22	10		10		10		10		10		10	
1/4	3,725.00	1/4	3,919.23	1/4	4,102.21	1/4	4,266.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.05	1/2	3,923.23	1/2	4,105.83	1/2	4,269.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,733.10	3/4	3,927.22	3/4	4,109.44	3/4	4,272.87	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,737.15	11	3,931.22	11	4,113.06	11	4,276.09	11		11		11		11		11		11	
1/4	3,741.20	1/4	3,935.18	1/4	4,116.64	1/4	4,279.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.25	1/2	3,939.14	1/2	4,120.23	1/2	4,283.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,749.30	3/4	3,943.10	3/4	4,123.81	3/4	4,286.69	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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



BARGE "EMS 519"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,521.80	0	3,714.92	0	3,907.35	0	4,086.45	0	4,248.09	0		0		0		0		0	
1/4	3,525.82	1/4	3,718.94	1/4	3,911.26	1/4	4,089.98	1/4	4,252.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,529.85	1/2	3,722.97	1/2	3,915.16	1/2	4,093.51	1/2	4,255.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,533.87	3/4	3,726.99	3/4	3,919.06	3/4	4,097.03	3/4	4,259.84	3/4		3/4		3/4		3/4		3/4	
1	3,537.89	1	3,731.01	1	3,922.97	1	4,100.56	1	4,263.76	1		1		1		1		1	
1/4	3,541.92	1/4	3,735.04	1/4	3,926.84	1/4	4,104.04	1/4	4,267.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,545.94	1/2	3,739.06	1/2	3,930.71	1/2	4,107.52	1/2	4,271.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,549.96	3/4	3,743.08	3/4	3,934.59	3/4	4,111.00	3/4	4,275.67	3/4		3/4		3/4		3/4		3/4	
2	3,553.99	2	3,747.11	2	3,938.46	2	4,114.48	2	4,279.64	2		2		2		2		2	
1/4	3,558.01	1/4	3,751.13	1/4	3,942.31	1/4	4,117.93	1/4	4,283.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,562.03	1/2	3,755.15	1/2	3,946.15	1/2	4,121.37	1/2	4,287.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,566.06	3/4	3,759.18	3/4	3,949.99	3/4	4,124.82	3/4	4,291.56	3/4		3/4		3/4		3/4		3/4	
3	3,570.08	3	3,763.20	3	3,953.84	3	4,128.27	3	4,295.53	3		3		3		3		3	
1/4	3,574.10	1/4	3,767.22	1/4	3,957.65	1/4	4,131.69	1/4	4,299.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,578.13	1/2	3,771.25	1/2	3,961.46	1/2	4,135.10	1/2	4,303.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,582.15	3/4	3,775.27	3/4	3,965.27	3/4	4,138.52	3/4	4,307.44	3/4		3/4		3/4		3/4		3/4	
4	3,586.17	4	3,779.29	4	3,969.08	4	4,141.94	4	4,311.41	4		4		4		4		4	
1/4	3,590.20	1/4	3,783.32	1/4	3,972.86	1/4	4,145.33	1/4	4,315.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,594.22	1/2	3,787.34	1/2	3,976.63	1/2	4,148.71	1/2	4,319.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,598.24	3/4	3,791.36	3/4	3,980.41	3/4	4,152.10	3/4	4,323.32	3/4		3/4		3/4		3/4		3/4	
5	3,602.27	5	3,795.39	5	3,984.19	5	4,155.48	5	4,327.29	5		5		5		5		5	
1/4	3,606.29	1/4	3,799.41	1/4	3,987.94	1/4	4,158.83	1/4	4,331.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,610.31	1/2	3,803.43	1/2	3,991.68	1/2	4,162.18	1/2	4,334.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,614.34	3/4	3,807.46	3/4	3,995.43	3/4	4,165.53	3/4	4,338.80	3/4		3/4		3/4		3/4		3/4	
6	3,618.36	6	3,811.48	6	3,999.18	6	4,168.88	6	4,342.63	6		6		6		6		6	
1/4	3,622.38	1/4	3,815.50	1/4	4,002.89	1/4	4,172.20	1/4	4,345.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.41	1/2	3,819.53	1/2	4,006.61	1/2	4,175.53	1/2	4,348.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,630.43	3/4	3,823.55	3/4	4,010.33	3/4	4,178.85	3/4	4,351.20	3/4		3/4		3/4		3/4		3/4	
7	3,634.45	7	3,827.57	7	4,014.04	7	4,182.17	7	4,354.06	7		7		7		7		7	
1/4	3,638.48	1/4	3,831.60	1/4	4,017.73	1/4	4,185.46	1/4	4,355.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,642.50	1/2	3,835.62	1/2	4,021.41	1/2	4,188.75	1/2	4,357.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,646.52	3/4	3,839.64	3/4	4,025.09	3/4	4,192.04	3/4	4,358.98	3/4		3/4		3/4		3/4		3/4	
8	3,650.55	8	3,843.67	8	4,028.78	8	4,195.33	8	4,360.62	8		8		8		8		8	
1/4	3,654.57	1/4	3,847.68	1/4	4,032.43	1/4	4,198.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,658.59	1/2	3,851.70	1/2	4,036.08	1/2	4,201.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,662.62	3/4	3,855.72	3/4	4,039.73	3/4	4,205.11	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,666.64	9	3,859.74	9	4,043.38	9	4,208.37	9		9		9		9		9		9	
1/4	3,670.66	1/4	3,863.74	1/4	4,047.00	1/4	4,211.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,674.69	1/2	3,867.74	1/2	4,050.62	1/2	4,214.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,678.71	3/4	3,871.74	3/4	4,054.24	3/4	4,218.06	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,682.73	10	3,875.74	10	4,057.86	10	4,221.28	10		10		10		10		10		10	
1/4	3,686.76	1/4	3,879.71	1/4	4,061.44	1/4	4,224.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,690.78	1/2	3,883.68	1/2	4,065.03	1/2	4,227.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.80	3/4	3,887.65	3/4	4,068.62	3/4	4,230.87	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,698.83	11	3,891.61	11	4,072.21	11	4,234.06	11		11		11		11		11		11	
1/4	3,702.85	1/4	3,895.55	1/4	4,075.77	1/4	4,237.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,706.87	1/2	3,899.48	1/2	4,079.33	1/2	4,241.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,710.90	3/4	3,903.42	3/4	4,082.89	3/4	4,244.58	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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



BARGE "EMS 519"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
1 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	- 00-3/8	00-3/8
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	- 00-3/8	00-3/8
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	- 00-3/8	00-3/8
3 PORT	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-7/8	- 01-7/8	02-1/2	- 02-1/2	03-0/8	- 03-0/8	03-5/8	- 03-5/8
3 STBD	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-7/8	- 01-7/8	02-1/2	- 02-1/2	03-0/8	- 03-0/8	03-5/8	- 03-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-00"

June 30, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "EMS 519"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,999.34	0	1,635.53	0	1,271.72	0	908.33	0	544.60	0	205.08	0		0		0		0	
1/4	1,991.76	1/4	1,627.95	1/4	1,264.14	1/4	900.76	1/4	537.02	1/4	198.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,984.18	1/2	1,620.37	1/2	1,256.56	1/2	893.19	1/2	529.44	1/2	192.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,976.60	3/4	1,612.79	3/4	1,248.98	3/4	885.63	3/4	521.86	3/4	185.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,969.02	1	1,605.21	1	1,241.40	1	878.06	1	514.29	1	179.52	1	1	1	1	1	1	1	1
1/4	1,961.44	1/4	1,597.63	1/4	1,233.82	1/4	870.49	1/4	506.72	1/4	173.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,953.86	1/2	1,590.05	1/2	1,226.24	1/2	862.92	1/2	499.14	1/2	166.83	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,946.28	3/4	1,582.47	3/4	1,218.66	3/4	855.34	3/4	491.62	3/4	160.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,938.70	2	1,574.89	2	1,211.08	2	847.76	2	484.09	2	154.30	2	2	2	2	2	2	2	2
1/4	1,931.12	1/4	1,567.31	1/4	1,203.50	1/4	840.18	1/4	476.56	1/4	148.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,923.54	1/2	1,559.73	1/2	1,195.92	1/2	832.60	1/2	469.04	1/2	141.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,915.96	3/4	1,552.15	3/4	1,188.34	3/4	825.02	3/4	461.60	3/4	135.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,908.38	3	1,544.57	3	1,180.77	3	817.44	3	454.16	3	129.19	3	3	3	3	3	3	3	3
1/4	1,900.81	1/4	1,536.99	1/4	1,173.19	1/4	809.86	1/4	446.72	1/4	122.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,893.23	1/2	1,529.41	1/2	1,165.61	1/2	802.29	1/2	439.29	1/2	116.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,885.65	3/4	1,521.84	3/4	1,158.05	3/4	794.71	3/4	431.94	3/4	110.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,878.07	4	1,514.26	4	1,150.48	4	787.13	4	424.60	4	104.23	4	4	4	4	4	4	4	4
1/4	1,870.49	1/4	1,506.68	1/4	1,142.91	1/4	779.55	1/4	417.26	1/4	98.04	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,862.91	1/2	1,499.10	1/2	1,135.34	1/2	771.97	1/2	409.92	1/2	91.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,855.33	3/4	1,491.52	3/4	1,127.78	3/4	764.39	3/4	402.67	3/4	85.83	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,847.75	5	1,483.94	5	1,120.21	5	756.81	5	395.42	5	79.81	5	5	5	5	5	5	5	5
1/4	1,840.17	1/4	1,476.36	1/4	1,112.64	1/4	749.23	1/4	388.17	1/4	73.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,832.59	1/2	1,468.78	1/2	1,105.08	1/2	741.65	1/2	380.92	1/2	67.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,825.01	3/4	1,461.20	3/4	1,097.51	3/4	734.07	3/4	373.79	3/4	62.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,817.43	6	1,453.62	6	1,089.94	6	726.49	6	366.65	6	57.34	6	6	6	6	6	6	6	6
1/4	1,809.85	1/4	1,446.04	1/4	1,082.37	1/4	718.92	1/4	359.52	1/4	52.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,802.27	1/2	1,438.46	1/2	1,074.81	1/2	711.34	1/2	352.38	1/2	46.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,794.69	3/4	1,430.88	3/4	1,067.24	3/4	703.76	3/4	345.47	3/4	43.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,787.11	7	1,423.30	7	1,059.67	7	696.18	7	338.56	7	39.21	7	7	7	7	7	7	7	7
1/4	1,779.53	1/4	1,415.72	1/4	1,052.11	1/4	688.60	1/4	331.65	1/4	35.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,771.96	1/2	1,408.14	1/2	1,044.54	1/2	681.02	1/2	324.74	1/2	31.49	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,764.38	3/4	1,400.56	3/4	1,036.97	3/4	673.44	3/4	317.93	3/4	28.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,756.80	8	1,392.99	8	1,029.40	8	665.86	8	311.11	8	26.09	8	8	8	8	8	8	8	8
1/4	1,749.22	1/4	1,385.41	1/4	1,021.84	1/4	658.28	1/4	304.29	1/4	23.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,741.64	1/2	1,377.83	1/2	1,014.27	1/2	650.70	1/2	297.48	1/2	20.69	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,734.06	3/4	1,370.25	3/4	1,006.70	3/4	643.12	3/4	290.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,726.48	9	1,362.67	9	999.13	9	635.55	9	284.03	9		9	9	9	9	9	9	9	9
1/4	1,718.90	1/4	1,355.09	1/4	991.57	1/4	627.97	1/4	277.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,711.32	1/2	1,347.51	1/2	984.00	1/2	620.39	1/2	270.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,703.74	3/4	1,339.93	3/4	976.43	3/4	612.81	3/4	263.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,696.16	10	1,332.35	10	968.87	10	605.23	10	257.34	10		10	10	10	10	10	10	10	10
1/4	1,688.58	1/4	1,324.77	1/4	961.30	1/4	597.65	1/4	250.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,681.00	1/2	1,317.19	1/2	953.73	1/2	590.07	1/2	244.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,673.42	3/4	1,309.61	3/4	946.16	3/4	582.49	3/4	237.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,665.84	11	1,302.03	11	938.60	11	574.91	11	231.02	11		11	11	11	11	11	11	11	11
1/4	1,658.26	1/4	1,294.45	1/4	931.03	1/4	567.33	1/4	224.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,650.69	1/2	1,286.87	1/2	923.46	1/2	559.75	1/2	217.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,643.11	3/4	1,279.29	3/4	915.90	3/4	552.18	3/4	211.52	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: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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



BARGE "EMS 519"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,993.11	0	1,630.10	0	1,267.09	0	906.03	0	543.47	0	204.68	0		0		0		0	
1/4	1,985.55	1/4	1,622.54	1/4	1,259.53	1/4	898.52	1/4	535.91	1/4	198.25	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,977.98	1/2	1,614.97	1/2	1,251.97	1/2	891.00	1/2	528.35	1/2	191.83	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,970.42	3/4	1,607.41	3/4	1,244.40	3/4	883.49	3/4	520.79	3/4	185.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,962.86	1	1,599.85	1	1,236.84	1	875.98	1	513.24	1	179.17	1	1	1	1	1	1	1	1
1/4	1,955.30	1/4	1,592.29	1/4	1,229.28	1/4	868.47	1/4	505.68	1/4	172.84	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,947.73	1/2	1,584.72	1/2	1,221.71	1/2	860.95	1/2	498.12	1/2	166.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,940.17	3/4	1,577.16	3/4	1,214.16	3/4	853.43	3/4	490.61	3/4	160.25	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,932.61	2	1,569.60	2	1,206.60	2	845.90	2	483.10	2	154.00	2	2	2	2	2	2	2	2
1/4	1,925.05	1/4	1,562.04	1/4	1,199.04	1/4	838.37	1/4	475.59	1/4	147.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,917.48	1/2	1,554.47	1/2	1,191.48	1/2	830.84	1/2	468.08	1/2	141.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,909.92	3/4	1,546.91	3/4	1,183.96	3/4	823.28	3/4	460.66	3/4	135.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,902.36	3	1,539.35	3	1,176.44	3	815.72	3	453.24	3	128.95	3	3	3	3	3	3	3	3
1/4	1,894.79	1/4	1,531.78	1/4	1,168.92	1/4	808.15	1/4	445.82	1/4	122.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,887.23	1/2	1,524.22	1/2	1,161.40	1/2	800.59	1/2	438.40	1/2	116.40	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,879.67	3/4	1,516.66	3/4	1,153.89	3/4	793.03	3/4	431.07	3/4	110.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,872.11	4	1,509.10	4	1,146.37	4	785.47	4	423.74	4	104.04	4	4	4	4	4	4	4	4
1/4	1,864.54	1/4	1,501.53	1/4	1,138.86	1/4	777.91	1/4	416.42	1/4	97.85	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,856.98	1/2	1,493.97	1/2	1,131.35	1/2	770.34	1/2	409.09	1/2	91.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,849.42	3/4	1,486.41	3/4	1,123.84	3/4	762.78	3/4	401.86	3/4	85.67	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,841.86	5	1,478.85	5	1,116.33	5	755.22	5	394.63	5	79.66	5	5	5	5	5	5	5	5
1/4	1,834.29	1/4	1,471.28	1/4	1,108.82	1/4	747.66	1/4	387.39	1/4	73.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,826.73	1/2	1,463.72	1/2	1,101.31	1/2	740.09	1/2	380.16	1/2	67.64	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,819.17	3/4	1,456.16	3/4	1,093.80	3/4	732.53	3/4	373.04	3/4	62.44	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,811.60	6	1,448.60	6	1,086.29	6	724.97	6	365.92	6	57.24	6	6	6	6	6	6	6	6
1/4	1,804.04	1/4	1,441.03	1/4	1,078.78	1/4	717.41	1/4	358.80	1/4	52.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,796.48	1/2	1,433.47	1/2	1,071.27	1/2	709.84	1/2	351.68	1/2	46.83	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,788.92	3/4	1,425.91	3/4	1,063.75	3/4	702.28	3/4	344.79	3/4	42.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,781.35	7	1,418.34	7	1,056.24	7	694.72	7	337.89	7	39.13	7	7	7	7	7	7	7	7
1/4	1,773.79	1/4	1,410.78	1/4	1,048.73	1/4	687.16	1/4	330.99	1/4	35.28	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,766.23	1/2	1,403.22	1/2	1,041.22	1/2	679.60	1/2	324.10	1/2	31.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,758.67	3/4	1,395.66	3/4	1,033.71	3/4	672.03	3/4	317.29	3/4	28.74	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,751.10	8	1,388.09	8	1,026.20	8	664.47	8	310.49	8	26.04	8	8	8	8	8	8	8	8
1/4	1,743.54	1/4	1,380.53	1/4	1,018.69	1/4	656.91	1/4	303.69	1/4	23.34	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,735.98	1/2	1,372.97	1/2	1,011.18	1/2	649.35	1/2	296.89	1/2	20.65	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,728.42	3/4	1,365.41	3/4	1,003.67	3/4	641.78	3/4	290.18	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,720.85	9	1,357.84	9	996.16	9	634.22	9	283.47	9		9	9	9	9	9	9	9	9
1/4	1,713.29	1/4	1,350.28	1/4	988.65	1/4	626.66	1/4	276.77	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,705.73	1/2	1,342.72	1/2	981.14	1/2	619.10	1/2	270.06	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,698.16	3/4	1,335.15	3/4	973.62	3/4	611.53	3/4	263.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,690.60	10	1,327.59	10	966.11	10	603.97	10	256.83	10		10	10	10	10	10	10	10	10
1/4	1,683.04	1/4	1,320.03	1/4	958.60	1/4	596.41	1/4	250.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,675.48	1/2	1,312.47	1/2	951.09	1/2	588.85	1/2	243.61	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,667.91	3/4	1,304.90	3/4	943.58	3/4	581.29	3/4	237.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,660.35	11	1,297.34	11	936.07	11	573.72	11	230.57	11		11	11	11	11	11	11	11	11
1/4	1,652.79	1/4	1,289.78	1/4	928.56	1/4	566.16	1/4	224.05	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,645.23	1/2	1,282.22	1/2	921.05	1/2	558.60	1/2	217.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,637.66	3/4	1,274.65	3/4	913.54	3/4	551.04	3/4	211.10	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: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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



BARGE "EMS 519"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	2,045.23	0	1,682.70	0	1,320.18	0	958.09	0	595.62	0	236.73	0		0		0		0	
1/4	2,037.68	1/4	1,675.15	1/4	1,312.62	1/4	950.55	1/4	588.06	1/4	229.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,030.13	1/2	1,667.60	1/2	1,305.07	1/2	943.01	1/2	580.51	1/2	221.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,022.58	3/4	1,660.05	3/4	1,297.52	3/4	935.46	3/4	572.96	3/4	214.51	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,015.02	1	1,652.49	1	1,289.96	1	927.92	1	565.41	1	207.11	1	1	1	1	1	1	1	1
1/4	2,007.47	1/4	1,644.94	1/4	1,282.41	1/4	920.37	1/4	557.85	1/4	199.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,999.92	1/2	1,637.39	1/2	1,274.86	1/2	912.82	1/2	550.30	1/2	192.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,992.37	3/4	1,629.84	3/4	1,267.31	3/4	905.26	3/4	542.75	3/4	184.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,984.81	2	1,622.28	2	1,259.75	2	897.71	2	535.20	2	177.42	2	2	2	2	2	2	2	2
1/4	1,977.26	1/4	1,614.73	1/4	1,252.20	1/4	890.16	1/4	527.64	1/4	169.89	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,969.71	1/2	1,607.18	1/2	1,244.65	1/2	882.61	1/2	520.09	1/2	162.35	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,962.15	3/4	1,599.63	3/4	1,237.10	3/4	875.06	3/4	512.54	3/4	154.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,954.60	3	1,592.07	3	1,229.55	3	867.50	3	504.99	3	147.27	3	3	3	3	3	3	3	3
1/4	1,947.05	1/4	1,584.52	1/4	1,222.01	1/4	859.95	1/4	497.44	1/4	139.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,939.50	1/2	1,576.97	1/2	1,214.47	1/2	852.40	1/2	489.88	1/2	132.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,931.94	3/4	1,569.41	3/4	1,206.93	3/4	844.85	3/4	482.33	3/4	124.66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,924.39	4	1,561.86	4	1,199.39	4	837.29	4	474.78	4	117.12	4	4	4	4	4	4	4	4
1/4	1,916.84	1/4	1,554.31	1/4	1,191.85	1/4	829.74	1/4	467.23	1/4	109.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,909.29	1/2	1,546.76	1/2	1,184.31	1/2	822.19	1/2	459.67	1/2	102.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,901.73	3/4	1,539.20	3/4	1,176.77	3/4	814.64	3/4	452.12	3/4	94.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,894.18	5	1,531.65	5	1,169.23	5	807.08	5	444.57	5	87.29	5	5	5	5	5	5	5	5
1/4	1,886.63	1/4	1,524.10	1/4	1,161.69	1/4	799.53	1/4	437.03	1/4	80.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,879.08	1/2	1,516.55	1/2	1,154.15	1/2	791.98	1/2	429.50	1/2	73.78	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,871.52	3/4	1,508.99	3/4	1,146.61	3/4	784.43	3/4	421.97	3/4	67.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,863.97	6	1,501.44	6	1,139.06	6	776.87	6	414.43	6	60.28	6	6	6	6	6	6	6	6
1/4	1,856.42	1/4	1,493.89	1/4	1,131.52	1/4	769.32	1/4	407.03	1/4	54.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,848.86	1/2	1,486.33	1/2	1,123.98	1/2	761.77	1/2	399.62	1/2	49.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,841.31	3/4	1,478.78	3/4	1,116.44	3/4	754.22	3/4	392.22	3/4	43.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,833.76	7	1,471.23	7	1,108.90	7	746.66	7	384.81	7	38.32	7	7	7	7	7	7	7	7
1/4	1,826.21	1/4	1,463.68	1/4	1,101.36	1/4	739.11	1/4	377.41	1/4	34.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,818.65	1/2	1,456.12	1/2	1,093.82	1/2	731.56	1/2	370.00	1/2	29.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,811.10	3/4	1,448.57	3/4	1,086.28	3/4	724.01	3/4	362.60	3/4	25.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,803.55	8	1,441.02	8	1,078.74	8	716.45	8	355.20	8	21.38	8	8	8	8	8	8	8	8
1/4	1,796.00	1/4	1,433.47	1/4	1,071.20	1/4	708.90	1/4	347.79	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,788.44	1/2	1,425.91	1/2	1,063.66	1/2	701.35	1/2	340.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,780.89	3/4	1,418.36	3/4	1,056.12	3/4	693.80	3/4	332.98	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,773.34	9	1,410.81	9	1,048.58	9	686.25	9	325.58	9		9	9	9	9	9	9	9	9
1/4	1,765.78	1/4	1,403.26	1/4	1,041.04	1/4	678.69	1/4	318.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,758.23	1/2	1,395.70	1/2	1,033.50	1/2	671.14	1/2	310.77	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,750.68	3/4	1,388.15	3/4	1,025.96	3/4	663.59	3/4	303.36	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,743.13	10	1,380.60	10	1,018.42	10	656.04	10	295.96	10		10	10	10	10	10	10	10	10
1/4	1,735.57	1/4	1,373.04	1/4	1,010.88	1/4	648.48	1/4	288.56	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,728.02	1/2	1,365.49	1/2	1,003.34	1/2	640.93	1/2	281.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,720.47	3/4	1,357.94	3/4	995.80	3/4	633.38	3/4	273.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,712.92	11	1,350.39	11	988.25	11	625.83	11	266.34	11		11	11	11	11	11	11	11	11
1/4	1,705.36	1/4	1,342.83	1/4	980.71	1/4	618.27	1/4	258.94	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,697.81	1/2	1,335.28	1/2	973.17	1/2	610.72	1/2	251.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,690.26	3/4	1,327.73	3/4	965.63	3/4	603.17	3/4	244.13	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: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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



BARGE "EMS 519"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	2,027.10	0	1,664.97	0	1,302.83	0	954.56	0	594.97	0	236.47	0		0		0		0	
1/4	2,019.56	1/4	1,657.42	1/4	1,295.29	1/4	947.36	1/4	587.42	1/4	229.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,012.01	1/2	1,649.88	1/2	1,287.74	1/2	940.16	1/2	579.88	1/2	221.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,004.47	3/4	1,642.33	3/4	1,280.20	3/4	932.96	3/4	572.34	3/4	214.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,996.92	1	1,634.79	1	1,272.65	1	925.75	1	564.79	1	206.88	1	1	1	1	1	1	1	1
1/4	1,989.38	1/4	1,627.24	1/4	1,265.15	1/4	918.50	1/4	557.25	1/4	199.47	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,981.83	1/2	1,619.70	1/2	1,257.65	1/2	911.25	1/2	549.70	1/2	192.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,974.29	3/4	1,612.15	3/4	1,250.14	3/4	903.99	3/4	542.16	3/4	184.64	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,966.75	2	1,604.61	2	1,242.64	2	896.74	2	534.62	2	177.23	2	2	2	2	2	2	2	2
1/4	1,959.20	1/4	1,597.07	1/4	1,235.43	1/4	889.19	1/4	527.07	1/4	169.70	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,951.66	1/2	1,589.52	1/2	1,228.22	1/2	881.65	1/2	519.53	1/2	162.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,944.11	3/4	1,581.98	3/4	1,221.01	3/4	874.10	3/4	511.98	3/4	154.64	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,936.57	3	1,574.43	3	1,213.80	3	866.56	3	504.44	3	147.11	3	3	3	3	3	3	3	3
1/4	1,929.02	1/4	1,566.89	1/4	1,206.59	1/4	859.02	1/4	496.89	1/4	139.58	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,921.48	1/2	1,559.34	1/2	1,199.39	1/2	851.47	1/2	489.35	1/2	132.05	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,913.93	3/4	1,551.80	3/4	1,192.19	3/4	843.93	3/4	481.81	3/4	124.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,906.39	4	1,544.25	4	1,184.99	4	836.38	4	474.26	4	116.99	4	4	4	4	4	4	4	4
1/4	1,898.85	1/4	1,536.71	1/4	1,177.79	1/4	828.84	1/4	466.72	1/4	109.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,891.30	1/2	1,529.16	1/2	1,170.59	1/2	821.29	1/2	459.17	1/2	102.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,883.76	3/4	1,521.62	3/4	1,163.39	3/4	813.75	3/4	451.63	3/4	94.64	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,876.21	5	1,514.08	5	1,156.19	5	806.21	5	444.08	5	87.19	5	5	5	5	5	5	5	5
1/4	1,868.67	1/4	1,506.53	1/4	1,148.99	1/4	798.66	1/4	436.56	1/4	80.45	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,861.12	1/2	1,498.99	1/2	1,141.79	1/2	791.12	1/2	429.03	1/2	73.70	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,853.58	3/4	1,491.44	3/4	1,134.59	3/4	783.57	3/4	421.51	3/4	66.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,846.03	6	1,483.90	6	1,127.38	6	776.03	6	413.98	6	60.22	6	6	6	6	6	6	6	6
1/4	1,838.49	1/4	1,476.35	1/4	1,120.18	1/4	768.49	1/4	406.58	1/4	54.73	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,830.94	1/2	1,468.81	1/2	1,112.98	1/2	760.94	1/2	399.19	1/2	49.25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,823.40	3/4	1,461.26	3/4	1,105.78	3/4	753.40	3/4	391.79	3/4	43.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,815.86	7	1,453.72	7	1,098.58	7	745.85	7	384.40	7	38.28	7	7	7	7	7	7	7	7
1/4	1,808.31	1/4	1,446.18	1/4	1,091.38	1/4	738.31	1/4	377.00	1/4	34.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,800.77	1/2	1,438.63	1/2	1,084.18	1/2	730.76	1/2	369.60	1/2	29.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,793.22	3/4	1,431.09	3/4	1,076.98	3/4	723.22	3/4	362.21	3/4	25.59	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,785.68	8	1,423.54	8	1,069.78	8	715.68	8	354.81	8	21.36	8	8	8	8	8	8	8	8
1/4	1,778.13	1/4	1,416.00	1/4	1,062.58	1/4	708.13	1/4	347.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,770.59	1/2	1,408.45	1/2	1,055.38	1/2	700.59	1/2	340.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,763.04	3/4	1,400.91	3/4	1,048.17	3/4	693.04	3/4	332.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,755.50	9	1,393.36	9	1,040.97	9	685.50	9	325.22	9		9	9	9	9	9	9	9	9
1/4	1,747.96	1/4	1,385.82	1/4	1,033.77	1/4	677.96	1/4	317.83	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,740.41	1/2	1,378.27	1/2	1,026.57	1/2	670.41	1/2	310.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,732.87	3/4	1,370.73	3/4	1,019.37	3/4	662.87	3/4	303.03	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,725.32	10	1,363.19	10	1,012.17	10	655.32	10	295.64	10		10	10	10	10	10	10	10	10
1/4	1,717.78	1/4	1,355.64	1/4	1,004.97	1/4	647.78	1/4	288.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,710.23	1/2	1,348.10	1/2	997.77	1/2	640.23	1/2	280.85	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,702.69	3/4	1,340.55	3/4	990.57	3/4	632.69	3/4	273.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,695.14	11	1,333.01	11	983.37	11	625.15	11	266.05	11		11	11	11	11	11	11	11	11
1/4	1,687.60	1/4	1,325.46	1/4	976.17	1/4	617.60	1/4	258.66	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,680.05	1/2	1,317.92	1/2	968.96	1/2	610.06	1/2	251.26	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,672.51	3/4	1,310.37	3/4	961.76	3/4	602.51	3/4	243.86	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: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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



BARGE "EMS 519"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

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	2,052.23	0	1,691.14	0	1,330.06	0	969.27	0	608.27	0	250.53	0		0		0		0	
1/4	2,044.70	1/4	1,683.62	1/4	1,322.53	1/4	961.76	1/4	600.75	1/4	243.15	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,037.18	1/2	1,676.10	1/2	1,315.01	1/2	954.24	1/2	593.23	1/2	235.78	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,029.66	3/4	1,668.57	3/4	1,307.49	3/4	946.73	3/4	585.70	3/4	228.41	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,022.14	1	1,661.05	1	1,299.97	1	939.22	1	578.18	1	221.03	1	1	1	1	1	1	1	1
1/4	2,014.61	1/4	1,653.53	1/4	1,292.44	1/4	931.70	1/4	570.66	1/4	213.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,007.09	1/2	1,646.01	1/2	1,284.92	1/2	924.19	1/2	563.14	1/2	206.28	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,999.57	3/4	1,638.48	3/4	1,277.40	3/4	916.67	3/4	555.61	3/4	198.89	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,992.05	2	1,630.96	2	1,269.88	2	909.15	2	548.09	2	191.50	2	2	2	2	2	2	2	2
1/4	1,984.52	1/4	1,623.44	1/4	1,262.35	1/4	901.64	1/4	540.57	1/4	184.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,977.00	1/2	1,615.92	1/2	1,254.83	1/2	894.12	1/2	533.05	1/2	176.72	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,969.48	3/4	1,608.39	3/4	1,247.31	3/4	886.60	3/4	525.53	3/4	169.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,961.95	3	1,600.87	3	1,239.79	3	879.07	3	518.00	3	161.70	3	3	3	3	3	3	3	3
1/4	1,954.43	1/4	1,593.35	1/4	1,232.26	1/4	871.55	1/4	510.48	1/4	154.20	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,946.91	1/2	1,585.82	1/2	1,224.74	1/2	864.03	1/2	502.96	1/2	146.69	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,939.39	3/4	1,578.30	3/4	1,217.22	3/4	856.51	3/4	495.44	3/4	139.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,931.86	4	1,570.78	4	1,209.70	4	848.98	4	487.91	4	131.67	4	4	4	4	4	4	4	4
1/4	1,924.34	1/4	1,563.26	1/4	1,202.18	1/4	841.46	1/4	480.39	1/4	124.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,916.82	1/2	1,555.73	1/2	1,194.66	1/2	833.94	1/2	472.87	1/2	116.66	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,909.30	3/4	1,548.21	3/4	1,187.15	3/4	826.42	3/4	465.35	3/4	109.23	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,901.77	5	1,540.69	5	1,179.64	5	818.89	5	457.82	5	101.80	5	5	5	5	5	5	5	5
1/4	1,894.25	1/4	1,533.17	1/4	1,172.12	1/4	811.37	1/4	450.30	1/4	94.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,886.73	1/2	1,525.64	1/2	1,164.61	1/2	803.85	1/2	442.78	1/2	86.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,879.21	3/4	1,518.12	3/4	1,157.10	3/4	796.33	3/4	435.28	3/4	80.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,871.68	6	1,510.60	6	1,149.58	6	788.81	6	427.77	6	73.49	6	6	6	6	6	6	6	6
1/4	1,864.16	1/4	1,503.08	1/4	1,142.07	1/4	781.28	1/4	420.27	1/4	66.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,856.64	1/2	1,495.55	1/2	1,134.56	1/2	773.76	1/2	412.77	1/2	60.05	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,849.12	3/4	1,488.03	3/4	1,127.04	3/4	766.24	3/4	405.39	3/4	54.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,841.59	7	1,480.51	7	1,119.53	7	758.72	7	398.02	7	49.11	7	7	7	7	7	7	7	7
1/4	1,834.07	1/4	1,472.99	1/4	1,112.02	1/4	751.19	1/4	390.64	1/4	43.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,826.55	1/2	1,465.46	1/2	1,104.51	1/2	743.67	1/2	383.27	1/2	38.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,819.03	3/4	1,457.94	3/4	1,096.99	3/4	736.15	3/4	375.89	3/4	33.95	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,811.50	8	1,450.42	8	1,089.48	8	728.63	8	368.52	8	29.73	8	8	8	8	8	8	8	8
1/4	1,803.98	1/4	1,442.90	1/4	1,081.97	1/4	721.10	1/4	361.15	1/4	25.52	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,796.46	1/2	1,435.37	1/2	1,074.45	1/2	713.58	1/2	353.77	1/2	21.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,788.93	3/4	1,427.85	3/4	1,066.94	3/4	706.06	3/4	346.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,781.41	9	1,420.33	9	1,059.43	9	698.54	9	339.02	9		9	9	9	9	9	9	9	9
1/4	1,773.89	1/4	1,412.80	1/4	1,051.91	1/4	691.02	1/4	331.65	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,766.37	1/2	1,405.28	1/2	1,044.40	1/2	683.49	1/2	324.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,758.84	3/4	1,397.76	3/4	1,036.89	3/4	675.97	3/4	316.90	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,751.32	10	1,390.24	10	1,029.37	10	668.45	10	309.52	10		10	10	10	10	10	10	10	10
1/4	1,743.80	1/4	1,382.71	1/4	1,021.86	1/4	660.93	1/4	302.15	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,736.28	1/2	1,375.19	1/2	1,014.35	1/2	653.40	1/2	294.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,728.75	3/4	1,367.67	3/4	1,006.84	3/4	645.88	3/4	287.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,721.23	11	1,360.15	11	999.32	11	638.36	11	280.03	11		11	11	11	11	11	11	11	11
1/4	1,713.71	1/4	1,352.62	1/4	991.81	1/4	630.84	1/4	272.65	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,706.19	1/2	1,345.10	1/2	984.30	1/2	623.31	1/2	265.28	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,698.66	3/4	1,337.58	3/4	976.78	3/4	615.79	3/4	257.90	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: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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



BARGE "EMS 519"

**3 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

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	2,024.40	0	1,665.08	0	1,307.14	0	958.12	0	605.52	0	249.42	0		0		0		0	
1/4	2,016.92	1/4	1,657.59	1/4	1,299.71	1/4	950.97	1/4	598.03	1/4	242.08	1/4	1/4	1/4		1/4		1/4	
1/2	2,009.43	1/2	1,650.10	1/2	1,292.29	1/2	943.82	1/2	590.54	1/2	234.74	1/2	1/2	1/2		1/2		1/2	
3/4	2,001.95	3/4	1,642.62	3/4	1,284.86	3/4	936.67	3/4	583.06	3/4	227.40	3/4	3/4	3/4		3/4		3/4	
1	1,994.46	1	1,635.13	1	1,277.44	1	929.52	1	575.57	1	220.05	1	1	1		1		1	
1/4	1,986.97	1/4	1,627.65	1/4	1,270.02	1/4	922.37	1/4	568.08	1/4	212.71	1/4	1/4	1/4		1/4		1/4	
1/2	1,979.49	1/2	1,620.16	1/2	1,262.59	1/2	915.22	1/2	560.59	1/2	205.37	1/2	1/2	1/2		1/2		1/2	
3/4	1,972.00	3/4	1,612.67	3/4	1,255.17	3/4	908.06	3/4	553.10	3/4	198.02	3/4	3/4	3/4		3/4		3/4	
2	1,964.52	2	1,605.19	2	1,247.75	2	900.91	2	545.62	2	190.66	2	2	2		2		2	
1/4	1,957.03	1/4	1,597.70	1/4	1,240.33	1/4	893.75	1/4	538.13	1/4	183.30	1/4	1/4	1/4		1/4		1/4	
1/2	1,949.54	1/2	1,590.22	1/2	1,232.90	1/2	886.59	1/2	530.64	1/2	175.95	1/2	1/2	1/2		1/2		1/2	
3/4	1,942.06	3/4	1,582.73	3/4	1,225.50	3/4	879.42	3/4	523.15	3/4	168.47	3/4	3/4	3/4		3/4		3/4	
3	1,934.57	3	1,575.24	3	1,218.09	3	872.24	3	515.66	3	161.00	3	3	3		3		3	
1/4	1,927.09	1/4	1,567.76	1/4	1,210.68	1/4	865.06	1/4	508.18	1/4	153.52	1/4	1/4	1/4		1/4		1/4	
1/2	1,919.60	1/2	1,560.27	1/2	1,203.27	1/2	857.89	1/2	500.69	1/2	146.05	1/2	1/2	1/2		1/2		1/2	
3/4	1,912.11	3/4	1,552.79	3/4	1,195.87	3/4	850.71	3/4	493.20	3/4	138.57	3/4	3/4	3/4		3/4		3/4	
4	1,904.63	4	1,545.30	4	1,188.46	4	843.53	4	485.71	4	131.09	4	4	4		4		4	
1/4	1,897.14	1/4	1,537.81	1/4	1,181.05	1/4	836.35	1/4	478.22	1/4	123.61	1/4	1/4	1/4		1/4		1/4	
1/2	1,889.66	1/2	1,530.33	1/2	1,173.64	1/2	829.17	1/2	470.74	1/2	116.14	1/2	1/2	1/2		1/2		1/2	
3/4	1,882.17	3/4	1,522.84	3/4	1,166.24	3/4	821.93	3/4	463.25	3/4	108.74	3/4	3/4	3/4		3/4		3/4	
5	1,874.68	5	1,515.36	5	1,158.84	5	814.69	5	455.76	5	101.35	5	5	5		5		5	
1/4	1,867.20	1/4	1,507.87	1/4	1,151.44	1/4	807.45	1/4	448.27	1/4	93.95	1/4	1/4	1/4		1/4		1/4	
1/2	1,859.71	1/2	1,500.38	1/2	1,144.05	1/2	800.21	1/2	440.78	1/2	86.56	1/2	1/2	1/2		1/2		1/2	
3/4	1,852.23	3/4	1,492.91	3/4	1,136.89	3/4	792.72	3/4	433.31	3/4	79.88	3/4	3/4	3/4		3/4		3/4	
6	1,844.74	6	1,485.43	6	1,129.74	6	785.23	6	425.85	6	73.19	6	6	6		6		6	
1/4	1,837.25	1/4	1,477.95	1/4	1,122.59	1/4	777.74	1/4	418.38	1/4	66.51	1/4	1/4	1/4		1/4		1/4	
1/2	1,829.77	1/2	1,470.47	1/2	1,115.44	1/2	770.26	1/2	410.91	1/2	59.83	1/2	1/2	1/2		1/2		1/2	
3/4	1,822.28	3/4	1,463.05	3/4	1,108.29	3/4	762.77	3/4	403.57	3/4	54.38	3/4	3/4	3/4		3/4		3/4	
7	1,814.80	7	1,455.62	7	1,101.14	7	755.28	7	396.23	7	48.94	7	7	7		7		7	
1/4	1,807.31	1/4	1,448.20	1/4	1,093.99	1/4	747.79	1/4	388.89	1/4	43.50	1/4	1/4	1/4		1/4		1/4	
1/2	1,799.82	1/2	1,440.77	1/2	1,086.84	1/2	740.30	1/2	381.55	1/2	38.05	1/2	1/2	1/2		1/2		1/2	
3/4	1,792.34	3/4	1,433.35	3/4	1,079.69	3/4	732.82	3/4	374.21	3/4	33.85	3/4	3/4	3/4		3/4		3/4	
8	1,784.85	8	1,425.92	8	1,072.54	8	725.33	8	366.86	8	29.64	8	8	8		8		8	
1/4	1,777.37	1/4	1,418.50	1/4	1,065.39	1/4	717.84	1/4	359.52	1/4	25.44	1/4	1/4	1/4		1/4		1/4	
1/2	1,769.88	1/2	1,411.08	1/2	1,058.24	1/2	710.35	1/2	352.18	1/2	21.24	1/2	1/2	1/2		1/2		1/2	
3/4	1,762.39	3/4	1,403.65	3/4	1,051.08	3/4	702.86	3/4	344.84	3/4		3/4	3/4	3/4		3/4		3/4	
9	1,754.91	9	1,396.23	9	1,043.93	9	695.38	9	337.50	9		9	9	9		9		9	
1/4	1,747.42	1/4	1,388.80	1/4	1,036.78	1/4	687.89	1/4	330.16	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,739.94	1/2	1,381.38	1/2	1,029.63	1/2	680.40	1/2	322.82	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,732.45	3/4	1,373.96	3/4	1,022.48	3/4	672.91	3/4	315.48	3/4		3/4	3/4	3/4		3/4		3/4	
10	1,724.96	10	1,366.53	10	1,015.33	10	665.42	10	308.14	10		10	10	10		10		10	
1/4	1,717.48	1/4	1,359.11	1/4	1,008.18	1/4	657.94	1/4	300.80	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,709.99	1/2	1,351.68	1/2	1,001.03	1/2	650.45	1/2	293.46	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,702.51	3/4	1,344.26	3/4	993.88	3/4	642.96	3/4	286.12	3/4		3/4	3/4	3/4		3/4		3/4	
11	1,695.02	11	1,336.83	11	986.73	11	635.47	11	278.78	11		11	11	11		11		11	
1/4	1,687.53	1/4	1,329.41	1/4	979.58	1/4	627.98	1/4	271.44	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	1,680.05	1/2	1,321.99	1/2	972.43	1/2	620.50	1/2	264.10	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	1,672.56	3/4	1,314.56	3/4	965.28	3/4	613.01	3/4	256.76	3/4		3/4	3/4	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2020 CL
CALCULATED: 06/30/2020 CL
PRINTED: 06/30/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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