



# BARGE "MPX 427"

INNAGE (HERMETIC)

	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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 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
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	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 1 PORT IS 00-1/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

January 14, 2022

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

<http://www.pmacorp.net>



# BARGE "MPX 427"

## 1 PORT INNAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-04 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. 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	19.00	0	300.27	0	635.07	0	975.38	0	1,316.85	0	1,659.06	0	2,001.27	0	2,343.47	0	2,685.67	0	3,027.84
1/4	21.91	1/4	306.85	1/4	642.20	1/4	982.45	1/4	1,323.98	1/4	1,666.19	1/4	2,008.40	1/4	2,350.60	1/4	2,692.80	1/4	3,034.97
1/2	24.82	1/2	313.44	1/2	649.33	1/2	989.52	1/2	1,331.11	1/2	1,673.32	1/2	2,015.53	1/2	2,357.73	1/2	2,699.93	1/2	3,042.10
3/4	28.67	3/4	320.07	3/4	656.46	3/4	996.59	3/4	1,338.24	3/4	1,680.45	3/4	2,022.65	3/4	2,364.86	3/4	2,707.06	3/4	3,049.22
1	33.45	1	326.74	1	663.58	1	1,003.66	1	1,345.37	1	1,687.58	1	2,029.78	1	2,371.99	1	2,714.19	1	3,056.35
1/4	38.23	1/4	333.41	1/4	670.71	1/4	1,010.73	1/4	1,352.50	1/4	1,694.71	1/4	2,036.91	1/4	2,379.12	1/4	2,721.32	1/4	3,063.48
1/2	43.01	1/2	340.08	1/2	677.84	1/2	1,017.80	1/2	1,359.63	1/2	1,701.84	1/2	2,044.04	1/2	2,386.25	1/2	2,728.45	1/2	3,070.60
3/4	48.26	3/4	346.80	3/4	684.97	3/4	1,024.87	3/4	1,366.76	3/4	1,708.97	3/4	2,051.17	3/4	2,393.38	3/4	2,735.57	3/4	3,077.73
2	53.97	2	353.55	2	692.10	2	1,031.95	2	1,373.89	2	1,716.09	2	2,058.30	2	2,400.51	2	2,742.70	2	3,084.86
1/4	59.69	1/4	360.30	1/4	699.23	1/4	1,039.03	1/4	1,381.02	1/4	1,723.22	1/4	2,065.43	1/4	2,407.64	1/4	2,749.83	1/4	3,091.98
1/2	65.41	1/2	367.06	1/2	706.36	1/2	1,046.10	1/2	1,388.15	1/2	1,730.35	1/2	2,072.56	1/2	2,414.77	1/2	2,756.96	1/2	3,099.11
3/4	71.18	3/4	373.85	3/4	713.49	3/4	1,053.19	3/4	1,395.28	3/4	1,737.48	3/4	2,079.69	3/4	2,421.90	3/4	2,764.09	3/4	3,106.24
3	77.01	3	380.69	3	720.62	3	1,060.28	3	1,402.41	3	1,744.61	3	2,086.82	3	2,429.02	3	2,771.22	3	3,113.36
1/4	82.84	1/4	387.53	1/4	727.75	1/4	1,067.38	1/4	1,409.53	1/4	1,751.74	1/4	2,093.95	1/4	2,436.15	1/4	2,778.35	1/4	3,120.49
1/2	88.67	1/2	394.37	1/2	734.87	1/2	1,074.47	1/2	1,416.66	1/2	1,758.87	1/2	2,101.08	1/2	2,443.28	1/2	2,785.48	1/2	3,127.62
3/4	94.54	3/4	401.25	3/4	741.99	3/4	1,081.59	3/4	1,423.79	3/4	1,766.00	3/4	2,108.21	3/4	2,450.41	3/4	2,792.60	3/4	3,134.74
4	100.46	4	408.17	4	749.08	4	1,088.72	4	1,430.92	4	1,773.13	4	2,115.34	4	2,457.54	4	2,799.73	4	3,141.87
1/4	106.38	1/4	415.09	1/4	756.18	1/4	1,095.85	1/4	1,438.05	1/4	1,780.26	1/4	2,122.46	1/4	2,464.67	1/4	2,806.86	1/4	3,149.00
1/2	112.30	1/2	422.01	1/2	763.27	1/2	1,102.97	1/2	1,445.18	1/2	1,787.39	1/2	2,129.59	1/2	2,471.80	1/2	2,813.99	1/2	3,156.13
3/4	118.26	3/4	428.97	3/4	770.36	3/4	1,110.10	3/4	1,452.31	3/4	1,794.52	3/4	2,136.72	3/4	2,478.93	3/4	2,821.12	3/4	3,163.25
5	124.27	5	435.97	5	777.44	5	1,117.23	5	1,459.44	5	1,801.65	5	2,143.85	5	2,486.06	5	2,828.25	5	3,170.38
1/4	130.27	1/4	442.97	1/4	784.51	1/4	1,124.36	1/4	1,466.57	1/4	1,808.78	1/4	2,150.98	1/4	2,493.19	1/4	2,835.38	1/4	3,177.51
1/2	136.28	1/2	449.97	1/2	791.59	1/2	1,131.49	1/2	1,473.70	1/2	1,815.90	1/2	2,158.11	1/2	2,500.32	1/2	2,842.50	1/2	3,184.63
3/4	142.32	3/4	457.01	3/4	798.66	3/4	1,138.62	3/4	1,480.83	3/4	1,823.03	3/4	2,165.24	3/4	2,507.45	3/4	2,849.63	3/4	3,191.76
6	148.41	6	464.09	6	805.73	6	1,145.75	6	1,487.96	6	1,830.16	6	2,172.37	6	2,514.58	6	2,856.76	6	3,198.89
1/4	154.50	1/4	471.17	1/4	812.80	1/4	1,152.88	1/4	1,495.09	1/4	1,837.29	1/4	2,179.50	1/4	2,521.71	1/4	2,863.89	1/4	3,206.01
1/2	160.58	1/2	478.25	1/2	819.87	1/2	1,160.01	1/2	1,502.22	1/2	1,844.42	1/2	2,186.63	1/2	2,528.83	1/2	2,871.02	1/2	3,213.14
3/4	166.71	3/4	485.36	3/4	826.94	3/4	1,167.14	3/4	1,509.34	3/4	1,851.55	3/4	2,193.76	3/4	2,535.96	3/4	2,878.15	3/4	3,220.27
7	172.89	7	492.49	7	834.01	7	1,174.27	7	1,516.47	7	1,858.68	7	2,200.89	7	2,543.09	7	2,885.28	7	3,227.39
1/4	179.06	1/4	499.62	1/4	841.08	1/4	1,181.40	1/4	1,523.60	1/4	1,865.81	1/4	2,208.02	1/4	2,550.22	1/4	2,892.41	1/4	3,234.52
1/2	185.23	1/2	506.75	1/2	848.14	1/2	1,188.53	1/2	1,530.73	1/2	1,872.94	1/2	2,215.15	1/2	2,557.35	1/2	2,899.53	1/2	3,241.65
3/4	191.44	3/4	513.88	3/4	855.21	3/4	1,195.66	3/4	1,537.86	3/4	1,880.07	3/4	2,222.27	3/4	2,564.48	3/4	2,906.66	3/4	3,248.78
8	197.70	8	521.00	8	862.28	8	1,202.78	8	1,544.99	8	1,887.20	8	2,229.40	8	2,571.61	8	2,913.79	8	3,255.90
1/4	203.95	1/4	528.13	1/4	869.35	1/4	1,209.91	1/4	1,552.12	1/4	1,894.33	1/4	2,236.53	1/4	2,578.74	1/4	2,920.92	1/4	3,263.03
1/2	210.20	1/2	535.26	1/2	876.42	1/2	1,217.04	1/2	1,559.25	1/2	1,901.46	1/2	2,243.66	1/2	2,585.87	1/2	2,928.05	1/2	3,270.16
3/4	216.50	3/4	542.39	3/4	883.49	3/4	1,224.17	3/4	1,566.38	3/4	1,908.59	3/4	2,250.79	3/4	2,593.00	3/4	2,935.18	3/4	3,277.28
9	222.84	9	549.52	9	890.56	9	1,231.30	9	1,573.51	9	1,915.71	9	2,257.92	9	2,600.13	9	2,942.31	9	3,284.41
1/4	229.18	1/4	556.65	1/4	897.63	1/4	1,238.43	1/4	1,580.64	1/4	1,922.84	1/4	2,265.05	1/4	2,607.26	1/4	2,949.44	1/4	3,291.54
1/2	235.51	1/2	563.78	1/2	904.69	1/2	1,245.56	1/2	1,587.77	1/2	1,929.97	1/2	2,272.18	1/2	2,614.39	1/2	2,956.56	1/2	3,298.66
3/4	241.89	3/4	570.91	3/4	911.76	3/4	1,252.69	3/4	1,594.90	3/4	1,937.10	3/4	2,279.31	3/4	2,621.52	3/4	2,963.69	3/4	3,305.79
10	248.31	10	578.04	10	918.83	10	1,259.82	10	1,602.03	10	1,944.23	10	2,286.44	10	2,628.64	10	2,970.82	10	3,312.92
1/4	254.73	1/4	585.17	1/4	925.90	1/4	1,266.95	1/4	1,609.16	1/4	1,951.36	1/4	2,293.57	1/4	2,635.77	1/4	2,977.95	1/4	3,320.04
1/2	261.16	1/2	592.29	1/2	932.97	1/2	1,274.08	1/2	1,616.28	1/2	1,958.49	1/2	2,300.70	1/2	2,642.90	1/2	2,985.08	1/2	3,327.17
3/4	267.62	3/4	599.42	3/4	940.04	3/4	1,281.21	3/4	1,623.41	3/4	1,965.62	3/4	2,307.83	3/4	2,650.03	3/4	2,992.21	3/4	3,334.30
11	274.12	11	606.55	11	947.11	11	1,288.34	11	1,630.54	11	1,972.75	11	2,314.96	11	2,657.16	11	2,999.33	11	3,341.42
1/4	280.63	1/4	613.68	1/4	954.18	1/4	1,295.47	1/4	1,637.67	1/4	1,979.88	1/4	2,322.09	1/4	2,664.29	1/4	3,006.46	1/4	3,348.55
1/2	287.13	1/2	620.81	1/2	961.25	1/2	1,302.60	1/2	1,644.80	1/2	1,987.01	1/2	2,329.21	1/2	2,671.42	1/2	3,013.59	1/2	3,355.68
3/4	293.68	3/4	627.94	3/4	968.32	3/4	1,309.72	3/4	1,651.93	3/4	1,994.14	3/4	2,336.34	3/4	2,678.54	3/4	3,020.71	3/4	3,362.81

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
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# BARGE "MPX 427"

**1 PORT  
INNAGE TABLE  
HERMETIC  
GAUGE HEIGHT 16'-04 3/4"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,369.93	0	3,712.05	0	4,054.23	0	4,395.72	0	4,736.34	0		0		0		0		0	
1/4	3,377.06	1/4	3,719.18	1/4	4,061.36	1/4	4,402.81	1/4	4,743.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,384.19	1/2	3,726.31	1/2	4,068.49	1/2	4,409.91	1/2	4,750.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,391.31	3/4	3,733.44	3/4	4,075.62	3/4	4,417.01	3/4	4,757.63	3/4		3/4		3/4		3/4		3/4	
1	3,398.44	1	3,740.57	1	4,082.75	1	4,424.10	1	4,764.72	1		1		1		1		1	
1/4	3,405.57	1/4	3,747.69	1/4	4,089.88	1/4	4,431.20	1/4	4,771.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,412.69	1/2	3,754.82	1/2	4,097.01	1/2	4,438.29	1/2	4,778.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,419.82	3/4	3,761.95	3/4	4,104.13	3/4	4,445.39	3/4	4,786.01	3/4		3/4		3/4		3/4		3/4	
2	3,426.95	2	3,769.08	2	4,111.26	2	4,452.49	2	4,793.11	2		2		2		2		2	
1/4	3,434.07	1/4	3,776.21	1/4	4,118.39	1/4	4,459.58	1/4	4,800.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,441.20	1/2	3,783.34	1/2	4,125.52	1/2	4,466.68	1/2	4,807.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,448.33	3/4	3,790.47	3/4	4,132.65	3/4	4,473.78	3/4	4,814.37	3/4		3/4		3/4		3/4		3/4	
3	3,455.46	3	3,797.60	3	4,139.78	3	4,480.87	3	4,821.43	3		3		3		3		3	
1/4	3,462.58	1/4	3,804.72	1/4	4,146.91	1/4	4,487.97	1/4	4,828.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,469.71	1/2	3,811.85	1/2	4,154.04	1/2	4,495.06	1/2	4,835.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,476.84	3/4	3,818.98	3/4	4,161.16	3/4	4,502.16	3/4	4,842.58	3/4		3/4		3/4		3/4		3/4	
4	3,483.96	4	3,826.11	4	4,168.29	4	4,509.26	4	4,849.63	4		4		4		4		4	
1/4	3,491.09	1/4	3,833.24	1/4	4,175.42	1/4	4,516.35	1/4	4,856.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,498.22	1/2	3,840.37	1/2	4,182.55	1/2	4,523.45	1/2	4,863.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,505.34	3/4	3,847.50	3/4	4,189.68	3/4	4,530.55	3/4	4,870.79	3/4		3/4		3/4		3/4		3/4	
5	3,512.47	5	3,854.63	5	4,196.81	5	4,537.64	5	4,877.84	5		5		5		5		5	
1/4	3,519.60	1/4	3,861.75	1/4	4,203.94	1/4	4,544.74	1/4	4,884.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,526.72	1/2	3,868.88	1/2	4,211.07	1/2	4,551.83	1/2	4,891.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,533.85	3/4	3,876.01	3/4	4,218.19	3/4	4,558.93	3/4	4,898.98	3/4		3/4		3/4		3/4		3/4	
6	3,540.98	6	3,883.14	6	4,225.32	6	4,566.03	6	4,906.02	6		6		6		6		6	
1/4	3,548.11	1/4	3,890.27	1/4	4,232.45	1/4	4,573.12	1/4	4,913.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,555.23	1/2	3,897.40	1/2	4,239.58	1/2	4,580.22	1/2	4,920.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,562.36	3/4	3,904.53	3/4	4,246.69	3/4	4,587.32	3/4	4,927.11	3/4		3/4		3/4		3/4		3/4	
7	3,569.49	7	3,911.66	7	4,253.79	7	4,594.41	7	4,934.09	7		7		7		7		7	
1/4	3,576.61	1/4	3,918.79	1/4	4,260.89	1/4	4,601.51	1/4	4,941.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,583.74	1/2	3,925.91	1/2	4,267.98	1/2	4,608.61	1/2	4,948.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,590.87	3/4	3,933.04	3/4	4,275.08	3/4	4,615.70	3/4	4,954.63	3/4		3/4		3/4		3/4		3/4	
8	3,597.99	8	3,940.17	8	4,282.18	8	4,622.80	8	4,960.79	8		8		8		8		8	
1/4	3,605.12	1/4	3,947.30	1/4	4,289.27	1/4	4,629.89	1/4	4,966.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,612.25	1/2	3,954.43	1/2	4,296.37	1/2	4,636.99	1/2	4,973.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,619.38	3/4	3,961.56	3/4	4,303.46	3/4	4,644.09	3/4	4,978.67	3/4		3/4		3/4		3/4		3/4	
9	3,626.50	9	3,968.69	9	4,310.56	9	4,651.18	9	4,983.64	9		9		9		9		9	
1/4	3,633.63	1/4	3,975.82	1/4	4,317.66	1/4	4,658.28	1/4	4,988.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,640.76	1/2	3,982.94	1/2	4,324.75	1/2	4,665.38	1/2	4,993.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,647.89	3/4	3,990.07	3/4	4,331.85	3/4	4,672.47	3/4	4,997.97	3/4		3/4		3/4		3/4		3/4	
10	3,655.02	10	3,997.20	10	4,338.95	10	4,679.57	10	5,001.75	10		10		10		10		10	
1/4	3,662.15	1/4	4,004.33	1/4	4,346.04	1/4	4,686.66	1/4	5,005.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.28	1/2	4,011.46	1/2	4,353.14	1/2	4,693.76	1/2	5,009.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.41	3/4	4,018.59	3/4	4,360.23	3/4	4,700.86	3/4	5,011.21	3/4		3/4		3/4		3/4		3/4	
11	3,683.53	11	4,025.72	11	4,367.33	11	4,707.95	11		11		11		11		11		11	
1/4	3,690.66	1/4	4,032.85	1/4	4,374.43	1/4	4,715.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,697.79	1/2	4,039.97	1/2	4,381.52	1/2	4,722.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,704.92	3/4	4,047.10	3/4	4,388.62	3/4	4,729.24	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 0/2022



# BARGE "MPX 427"

## 1 STBD INNAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

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	18.98	0	300.09	0	634.77	0	976.59	0	1,318.58	0	1,660.64	0	2,002.69	0	2,344.74	0	2,686.79	0	3,028.80
1/4	21.90	1/4	306.67	1/4	641.90	1/4	983.71	1/4	1,325.71	1/4	1,667.76	1/4	2,009.82	1/4	2,351.87	1/4	2,693.91	1/4	3,035.93
1/2	24.81	1/2	313.26	1/2	649.03	1/2	990.83	1/2	1,332.84	1/2	1,674.89	1/2	2,016.94	1/2	2,358.99	1/2	2,701.04	1/2	3,043.05
3/4	28.65	3/4	319.88	3/4	656.15	3/4	997.94	3/4	1,339.96	3/4	1,682.02	3/4	2,024.07	3/4	2,366.12	3/4	2,708.17	3/4	3,050.17
1	33.43	1	326.55	1	663.28	1	1,005.06	1	1,347.09	1	1,689.14	1	2,031.19	1	2,373.25	1	2,715.29	1	3,057.30
1/4	38.20	1/4	333.22	1/4	670.40	1/4	1,012.18	1/4	1,354.21	1/4	1,696.27	1/4	2,038.32	1/4	2,380.37	1/4	2,722.42	1/4	3,064.42
1/2	42.98	1/2	339.89	1/2	677.53	1/2	1,019.29	1/2	1,361.34	1/2	1,703.39	1/2	2,045.45	1/2	2,387.50	1/2	2,729.54	1/2	3,071.55
3/4	48.22	3/4	346.59	3/4	684.66	3/4	1,026.42	3/4	1,368.47	3/4	1,710.52	3/4	2,052.57	3/4	2,394.63	3/4	2,736.67	3/4	3,078.67
2	53.94	2	353.35	2	691.78	2	1,033.54	2	1,375.59	2	1,717.65	2	2,059.70	2	2,401.75	2	2,743.79	2	3,085.79
1/4	59.65	1/4	360.10	1/4	698.91	1/4	1,040.67	1/4	1,382.72	1/4	1,724.77	1/4	2,066.82	1/4	2,408.88	1/4	2,750.92	1/4	3,092.92
1/2	65.37	1/2	366.85	1/2	706.03	1/2	1,047.79	1/2	1,389.85	1/2	1,731.90	1/2	2,073.95	1/2	2,416.00	1/2	2,758.04	1/2	3,100.04
3/4	71.14	3/4	373.64	3/4	713.16	3/4	1,054.92	3/4	1,396.97	3/4	1,739.02	3/4	2,081.08	3/4	2,423.13	3/4	2,765.17	3/4	3,107.16
3	76.96	3	380.47	3	720.28	3	1,062.04	3	1,404.10	3	1,746.15	3	2,088.20	3	2,430.26	3	2,772.30	3	3,114.29
1/4	82.79	1/4	387.31	1/4	727.41	1/4	1,069.17	1/4	1,411.22	1/4	1,753.28	1/4	2,095.33	1/4	2,437.38	1/4	2,779.42	1/4	3,121.41
1/2	88.61	1/2	394.14	1/2	734.54	1/2	1,076.30	1/2	1,418.35	1/2	1,760.40	1/2	2,102.46	1/2	2,444.51	1/2	2,786.55	1/2	3,128.54
3/4	94.48	3/4	401.02	3/4	741.66	3/4	1,083.42	3/4	1,425.48	3/4	1,767.53	3/4	2,109.58	3/4	2,451.63	3/4	2,793.67	3/4	3,135.66
4	100.40	4	407.94	4	748.79	4	1,090.55	4	1,432.60	4	1,774.65	4	2,116.71	4	2,458.76	4	2,800.80	4	3,142.78
1/4	106.31	1/4	414.85	1/4	755.91	1/4	1,097.68	1/4	1,439.73	1/4	1,781.78	1/4	2,123.83	1/4	2,465.89	1/4	2,807.92	1/4	3,149.91
1/2	112.23	1/2	421.77	1/2	763.04	1/2	1,104.80	1/2	1,446.85	1/2	1,788.91	1/2	2,130.96	1/2	2,473.01	1/2	2,815.05	1/2	3,157.03
3/4	118.19	3/4	428.73	3/4	770.16	3/4	1,111.93	3/4	1,453.98	3/4	1,796.03	3/4	2,138.09	3/4	2,480.14	3/4	2,822.17	3/4	3,164.15
5	124.19	5	435.73	5	777.29	5	1,119.05	5	1,461.11	5	1,803.16	5	2,145.21	5	2,487.26	5	2,829.30	5	3,171.28
1/4	130.19	1/4	442.73	1/4	784.42	1/4	1,126.18	1/4	1,468.23	1/4	1,810.29	1/4	2,152.34	1/4	2,494.39	1/4	2,836.42	1/4	3,178.40
1/2	136.19	1/2	449.73	1/2	791.54	1/2	1,133.31	1/2	1,475.36	1/2	1,817.41	1/2	2,159.46	1/2	2,501.52	1/2	2,843.55	1/2	3,185.53
3/4	142.23	3/4	456.78	3/4	798.66	3/4	1,140.43	3/4	1,482.48	3/4	1,824.54	3/4	2,166.59	3/4	2,508.64	3/4	2,850.68	3/4	3,192.65
6	148.32	6	463.86	6	805.78	6	1,147.56	6	1,489.61	6	1,831.66	6	2,173.72	6	2,515.77	6	2,857.80	6	3,199.77
1/4	154.40	1/4	470.94	1/4	812.90	1/4	1,154.68	1/4	1,496.74	1/4	1,838.79	1/4	2,180.84	1/4	2,522.89	1/4	2,864.93	1/4	3,206.90
1/2	160.48	1/2	478.03	1/2	820.01	1/2	1,161.81	1/2	1,503.86	1/2	1,845.92	1/2	2,187.97	1/2	2,530.02	1/2	2,872.05	1/2	3,214.02
3/4	166.61	3/4	485.13	3/4	827.13	3/4	1,168.94	3/4	1,510.99	3/4	1,853.04	3/4	2,195.09	3/4	2,537.15	3/4	2,879.18	3/4	3,221.14
7	172.78	7	492.26	7	834.25	7	1,176.06	7	1,518.11	7	1,860.17	7	2,202.22	7	2,544.27	7	2,886.30	7	3,228.27
1/4	178.95	1/4	499.38	1/4	841.37	1/4	1,183.19	1/4	1,525.24	1/4	1,867.29	1/4	2,209.35	1/4	2,551.40	1/4	2,893.43	1/4	3,235.39
1/2	185.11	1/2	506.51	1/2	848.48	1/2	1,190.31	1/2	1,532.37	1/2	1,874.42	1/2	2,216.47	1/2	2,558.53	1/2	2,900.55	1/2	3,242.51
3/4	191.32	3/4	513.64	3/4	855.60	3/4	1,197.44	3/4	1,539.49	3/4	1,881.55	3/4	2,223.60	3/4	2,565.65	3/4	2,907.68	3/4	3,249.64
8	197.57	8	520.76	8	862.72	8	1,204.57	8	1,546.62	8	1,888.67	8	2,230.72	8	2,572.78	8	2,914.81	8	3,256.76
1/4	203.82	1/4	527.89	1/4	869.83	1/4	1,211.69	1/4	1,553.75	1/4	1,895.80	1/4	2,237.85	1/4	2,579.90	1/4	2,921.93	1/4	3,263.89
1/2	210.08	1/2	535.01	1/2	876.95	1/2	1,218.82	1/2	1,560.87	1/2	1,902.92	1/2	2,244.98	1/2	2,587.03	1/2	2,929.06	1/2	3,271.01
3/4	216.37	3/4	542.14	3/4	884.07	3/4	1,225.94	3/4	1,568.00	3/4	1,910.05	3/4	2,252.10	3/4	2,594.16	3/4	2,936.18	3/4	3,278.13
9	222.70	9	549.26	9	891.18	9	1,233.07	9	1,575.12	9	1,917.18	9	2,259.23	9	2,601.28	9	2,943.31	9	3,285.26
1/4	229.04	1/4	556.39	1/4	898.30	1/4	1,240.20	1/4	1,582.25	1/4	1,924.30	1/4	2,266.36	1/4	2,608.41	1/4	2,950.43	1/4	3,292.38
1/2	235.37	1/2	563.52	1/2	905.42	1/2	1,247.32	1/2	1,589.38	1/2	1,931.43	1/2	2,273.48	1/2	2,615.53	1/2	2,957.56	1/2	3,299.50
3/4	241.75	3/4	570.64	3/4	912.54	3/4	1,254.45	3/4	1,596.50	3/4	1,938.55	3/4	2,280.61	3/4	2,622.66	3/4	2,964.68	3/4	3,306.63
10	248.16	10	577.77	10	919.65	10	1,261.58	10	1,603.63	10	1,945.68	10	2,287.73	10	2,629.79	10	2,971.81	10	3,313.75
1/4	254.58	1/4	584.89	1/4	926.77	1/4	1,268.70	1/4	1,610.75	1/4	1,952.81	1/4	2,294.86	1/4	2,636.91	1/4	2,978.93	1/4	3,320.88
1/2	261.00	1/2	592.02	1/2	933.89	1/2	1,275.83	1/2	1,617.88	1/2	1,959.93	1/2	2,301.99	1/2	2,644.04	1/2	2,986.06	1/2	3,328.00
3/4	267.46	3/4	599.15	3/4	941.01	3/4	1,282.95	3/4	1,625.01	3/4	1,967.06	3/4	2,309.11	3/4	2,651.16	3/4	2,993.19	3/4	3,335.12
11	273.96	11	606.27	11	948.12	11	1,290.08	11	1,632.13	11	1,974.19	11	2,316.24	11	2,658.29	11	3,000.31	11	3,342.25
1/4	280.46	1/4	613.40	1/4	955.24	1/4	1,297.21	1/4	1,639.26	1/4	1,981.31	1/4	2,323.36	1/4	2,665.41	1/4	3,007.43	1/4	3,349.37
1/2	286.96	1/2	620.52	1/2	962.36	1/2	1,304.33	1/2	1,646.38	1/2	1,988.44	1/2	2,330.49	1/2	2,672.54	1/2	3,014.56	1/2	3,356.49
3/4	293.50	3/4	627.65	3/4	969.47	3/4	1,311.46	3/4	1,653.51	3/4	1,995.56	3/4	2,337.62	3/4	2,679.66	3/4	3,021.68	3/4	3,363.62

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "MPX 427"

## 1 STBD

### INNAGE TABLE

### HERMETIC

### GAUGE HEIGHT 16'-04 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,370.74	0	3,712.70	0	4,054.73	0	4,396.06	0	4,736.53	0		0		0		0		0	
1/4	3,377.86	1/4	3,719.83	1/4	4,061.86	1/4	4,403.16	1/4	4,743.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,384.99	1/2	3,726.96	1/2	4,068.98	1/2	4,410.25	1/2	4,750.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,392.11	3/4	3,734.08	3/4	4,076.11	3/4	4,417.34	3/4	4,757.81	3/4		3/4		3/4		3/4		3/4	
1	3,399.24	1	3,741.21	1	4,083.24	1	4,424.44	1	4,764.91	1		1		1		1		1	
1/4	3,406.36	1/4	3,748.33	1/4	4,090.36	1/4	4,431.53	1/4	4,772.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,413.48	1/2	3,755.46	1/2	4,097.49	1/2	4,438.62	1/2	4,779.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,420.61	3/4	3,762.58	3/4	4,104.61	3/4	4,445.72	3/4	4,786.18	3/4		3/4		3/4		3/4		3/4	
2	3,427.73	2	3,769.71	2	4,111.74	2	4,452.81	2	4,793.28	2		2		2		2		2	
1/4	3,434.85	1/4	3,776.84	1/4	4,118.86	1/4	4,459.90	1/4	4,800.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,441.98	1/2	3,783.96	1/2	4,125.99	1/2	4,466.99	1/2	4,807.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,449.10	3/4	3,791.09	3/4	4,133.12	3/4	4,474.09	3/4	4,814.53	3/4		3/4		3/4		3/4		3/4	
3	3,456.23	3	3,798.21	3	4,140.24	3	4,481.18	3	4,821.58	3		3		3		3		3	
1/4	3,463.35	1/4	3,805.34	1/4	4,147.37	1/4	4,488.27	1/4	4,828.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,470.47	1/2	3,812.46	1/2	4,154.49	1/2	4,495.37	1/2	4,835.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,477.60	3/4	3,819.59	3/4	4,161.62	3/4	4,502.46	3/4	4,842.73	3/4		3/4		3/4		3/4		3/4	
4	3,484.72	4	3,826.71	4	4,168.74	4	4,509.55	4	4,849.77	4		4		4		4		4	
1/4	3,491.84	1/4	3,833.84	1/4	4,175.87	1/4	4,516.65	1/4	4,856.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,498.97	1/2	3,840.97	1/2	4,182.99	1/2	4,523.74	1/2	4,863.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,506.09	3/4	3,848.09	3/4	4,190.12	3/4	4,530.83	3/4	4,870.92	3/4		3/4		3/4		3/4		3/4	
5	3,513.22	5	3,855.22	5	4,197.25	5	4,537.93	5	4,877.97	5		5		5		5		5	
1/4	3,520.34	1/4	3,862.34	1/4	4,204.37	1/4	4,545.02	1/4	4,885.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,527.46	1/2	3,869.47	1/2	4,211.50	1/2	4,552.11	1/2	4,892.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,534.59	3/4	3,876.59	3/4	4,218.62	3/4	4,559.21	3/4	4,899.10	3/4		3/4		3/4		3/4		3/4	
6	3,541.71	6	3,883.72	6	4,225.75	6	4,566.30	6	4,906.13	6		6		6		6		6	
1/4	3,548.83	1/4	3,890.84	1/4	4,232.87	1/4	4,573.39	1/4	4,913.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,555.96	1/2	3,897.97	1/2	4,240.00	1/2	4,580.48	1/2	4,920.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,563.08	3/4	3,905.10	3/4	4,247.11	3/4	4,587.58	3/4	4,927.21	3/4		3/4		3/4		3/4		3/4	
7	3,570.20	7	3,912.22	7	4,254.20	7	4,594.67	7	4,934.19	7		7		7		7		7	
1/4	3,577.33	1/4	3,919.35	1/4	4,261.29	1/4	4,601.76	1/4	4,941.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,584.45	1/2	3,926.47	1/2	4,268.39	1/2	4,608.86	1/2	4,948.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,591.58	3/4	3,933.60	3/4	4,275.48	3/4	4,615.95	3/4	4,954.72	3/4		3/4		3/4		3/4		3/4	
8	3,598.70	8	3,940.72	8	4,282.57	8	4,623.04	8	4,960.87	8		8		8		8		8	
1/4	3,605.82	1/4	3,947.85	1/4	4,289.67	1/4	4,630.14	1/4	4,967.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,612.95	1/2	3,954.98	1/2	4,296.76	1/2	4,637.23	1/2	4,973.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,620.07	3/4	3,962.10	3/4	4,303.85	3/4	4,644.32	3/4	4,978.75	3/4		3/4		3/4		3/4		3/4	
9	3,627.20	9	3,969.23	9	4,310.95	9	4,651.42	9	4,983.72	9		9		9		9		9	
1/4	3,634.32	1/4	3,976.35	1/4	4,318.04	1/4	4,658.51	1/4	4,988.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,641.45	1/2	3,983.48	1/2	4,325.13	1/2	4,665.60	1/2	4,993.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.57	3/4	3,990.60	3/4	4,332.23	3/4	4,672.69	3/4	4,998.04	3/4		3/4		3/4		3/4		3/4	
10	3,655.70	10	3,997.73	10	4,339.32	10	4,679.79	10	5,001.82	10		10		10		10		10	
1/4	3,662.83	1/4	4,004.85	1/4	4,346.41	1/4	4,686.88	1/4	5,005.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.95	1/2	4,011.98	1/2	4,353.51	1/2	4,693.97	1/2	5,009.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.08	3/4	4,019.11	3/4	4,360.60	3/4	4,701.07	3/4	5,011.27	3/4		3/4		3/4		3/4		3/4	
11	3,684.20	11	4,026.23	11	4,367.69	11	4,708.16	11		11		11		11		11		11	
1/4	3,691.33	1/4	4,033.36	1/4	4,374.78	1/4	4,715.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,698.45	1/2	4,040.48	1/2	4,381.88	1/2	4,722.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,705.58	3/4	4,047.61	3/4	4,388.97	3/4	4,729.44	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 0/2022



# BARGE "MPX 427"

## 2 PORT INNAGE TABLE

### HERMETIC

#### GAUGE HEIGHT 16'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. 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	21.38	0	354.25	0	697.59	0	1,030.78	0	1,369.81	0	1,713.17	0	2,056.54	0	2,399.90	0	2,743.26	0	3,086.62
1/4	25.85	1/4	361.40	1/4	704.75	1/4	1,037.62	1/4	1,376.97	1/4	1,720.33	1/4	2,063.69	1/4	2,407.05	1/4	2,750.42	1/4	3,093.77
1/2	30.32	1/2	368.55	1/2	711.90	1/2	1,044.47	1/2	1,384.12	1/2	1,727.48	1/2	2,070.84	1/2	2,414.21	1/2	2,757.57	1/2	3,100.92
3/4	35.68	3/4	375.70	3/4	719.05	3/4	1,051.31	3/4	1,391.27	3/4	1,734.64	3/4	2,078.00	3/4	2,421.36	3/4	2,764.72	3/4	3,108.07
1	41.94	1	382.86	1	726.21	1	1,058.16	1	1,398.43	1	1,741.79	1	2,085.15	1	2,428.52	1	2,771.88	1	3,115.22
1/4	48.20	1/4	390.01	1/4	733.36	1/4	1,065.01	1/4	1,405.58	1/4	1,748.94	1/4	2,092.31	1/4	2,435.67	1/4	2,779.03	1/4	3,122.37
1/2	54.46	1/2	397.16	1/2	740.51	1/2	1,071.85	1/2	1,412.73	1/2	1,756.10	1/2	2,099.46	1/2	2,442.82	1/2	2,786.19	1/2	3,129.52
3/4	61.14	3/4	404.32	3/4	747.67	3/4	1,078.70	3/4	1,419.89	3/4	1,763.25	3/4	2,106.61	3/4	2,449.98	3/4	2,793.34	3/4	3,136.68
2	68.26	2	411.47	2	754.82	2	1,085.55	2	1,427.04	2	1,770.40	2	2,113.77	2	2,457.13	2	2,800.49	2	3,143.83
1/4	75.38	1/4	418.62	1/4	761.97	1/4	1,092.41	1/4	1,434.19	1/4	1,777.56	1/4	2,120.92	1/4	2,464.28	1/4	2,807.65	1/4	3,150.98
1/2	82.49	1/2	425.78	1/2	769.13	1/2	1,099.26	1/2	1,441.35	1/2	1,784.71	1/2	2,128.07	1/2	2,471.44	1/2	2,814.80	1/2	3,158.13
3/4	89.62	3/4	432.93	3/4	776.28	3/4	1,106.12	3/4	1,448.50	3/4	1,791.86	3/4	2,135.23	3/4	2,478.59	3/4	2,821.95	3/4	3,165.28
3	96.77	3	440.08	3	783.43	3	1,113.00	3	1,455.65	3	1,799.02	3	2,142.38	3	2,485.74	3	2,829.11	3	3,172.43
1/4	103.91	1/4	447.24	1/4	790.58	1/4	1,119.87	1/4	1,462.81	1/4	1,806.17	1/4	2,149.53	1/4	2,492.90	1/4	2,836.26	1/4	3,179.58
1/2	111.05	1/2	454.39	1/2	797.74	1/2	1,126.74	1/2	1,469.96	1/2	1,813.32	1/2	2,156.69	1/2	2,500.05	1/2	2,843.41	1/2	3,186.73
3/4	118.20	3/4	461.54	3/4	804.75	3/4	1,133.75	3/4	1,477.11	3/4	1,820.48	3/4	2,163.84	3/4	2,507.20	3/4	2,850.57	3/4	3,193.89
4	125.35	4	468.70	4	811.62	4	1,140.90	4	1,484.27	4	1,827.63	4	2,170.99	4	2,514.36	4	2,857.72	4	3,201.04
1/4	132.50	1/4	475.85	1/4	818.49	1/4	1,148.06	1/4	1,491.42	1/4	1,834.78	1/4	2,178.15	1/4	2,521.51	1/4	2,864.87	1/4	3,208.19
1/2	139.65	1/2	483.00	1/2	825.36	1/2	1,155.21	1/2	1,498.57	1/2	1,841.94	1/2	2,185.30	1/2	2,528.66	1/2	2,872.03	1/2	3,215.34
3/4	146.81	3/4	490.15	3/4	832.23	3/4	1,162.36	3/4	1,505.73	3/4	1,849.09	3/4	2,192.45	3/4	2,535.82	3/4	2,879.18	3/4	3,222.49
5	153.96	5	497.31	5	839.08	5	1,169.52	5	1,512.88	5	1,856.24	5	2,199.61	5	2,542.97	5	2,886.33	5	3,229.64
1/4	161.11	1/4	504.46	1/4	845.93	1/4	1,176.67	1/4	1,520.03	1/4	1,863.40	1/4	2,206.76	1/4	2,550.12	1/4	2,893.49	1/4	3,236.79
1/2	168.26	1/2	511.61	1/2	852.79	1/2	1,183.82	1/2	1,527.19	1/2	1,870.55	1/2	2,213.91	1/2	2,557.28	1/2	2,900.64	1/2	3,243.94
3/4	175.42	3/4	518.77	3/4	859.64	3/4	1,190.98	3/4	1,534.34	3/4	1,877.70	3/4	2,221.07	3/4	2,564.43	3/4	2,907.79	3/4	3,251.10
6	182.57	6	525.92	6	866.48	6	1,198.13	6	1,541.49	6	1,884.86	6	2,228.22	6	2,571.58	6	2,914.95	6	3,258.25
1/4	189.72	1/4	533.07	1/4	873.33	1/4	1,205.28	1/4	1,548.65	1/4	1,892.01	1/4	2,235.37	1/4	2,578.74	1/4	2,922.10	1/4	3,265.40
1/2	196.88	1/2	540.23	1/2	880.17	1/2	1,212.44	1/2	1,555.80	1/2	1,899.16	1/2	2,242.53	1/2	2,585.89	1/2	2,929.25	1/2	3,272.55
3/4	204.03	3/4	547.38	3/4	887.02	3/4	1,219.59	3/4	1,562.95	3/4	1,906.32	3/4	2,249.68	3/4	2,593.04	3/4	2,936.41	3/4	3,279.70
7	211.18	7	554.53	7	893.86	7	1,226.74	7	1,570.11	7	1,913.47	7	2,256.83	7	2,600.20	7	2,943.56	7	3,286.85
1/4	218.34	1/4	561.69	1/4	900.71	1/4	1,233.90	1/4	1,577.26	1/4	1,920.62	1/4	2,263.99	1/4	2,607.35	1/4	2,950.71	1/4	3,294.00
1/2	225.49	1/2	568.84	1/2	907.56	1/2	1,241.05	1/2	1,584.41	1/2	1,927.78	1/2	2,271.14	1/2	2,614.50	1/2	2,957.87	1/2	3,301.16
3/4	232.64	3/4	575.99	3/4	914.40	3/4	1,248.20	3/4	1,591.57	3/4	1,934.93	3/4	2,278.29	3/4	2,621.66	3/4	2,965.02	3/4	3,308.31
8	239.80	8	583.14	8	921.25	8	1,255.36	8	1,598.72	8	1,942.08	8	2,285.45	8	2,628.81	8	2,972.17	8	3,315.46
1/4	246.95	1/4	590.30	1/4	928.09	1/4	1,262.51	1/4	1,605.87	1/4	1,949.24	1/4	2,292.60	1/4	2,635.96	1/4	2,979.33	1/4	3,322.61
1/2	254.10	1/2	597.45	1/2	934.94	1/2	1,269.66	1/2	1,613.03	1/2	1,956.39	1/2	2,299.75	1/2	2,643.12	1/2	2,986.48	1/2	3,329.76
3/4	261.26	3/4	604.60	3/4	941.78	3/4	1,276.82	3/4	1,620.18	3/4	1,963.54	3/4	2,306.91	3/4	2,650.27	3/4	2,993.63	3/4	3,336.91
9	268.41	9	611.76	9	948.63	9	1,283.97	9	1,627.33	9	1,970.70	9	2,314.06	9	2,657.42	9	3,000.79	9	3,344.06
1/4	275.56	1/4	618.91	1/4	955.47	1/4	1,291.12	1/4	1,634.49	1/4	1,977.85	1/4	2,321.21	1/4	2,664.58	1/4	3,007.94	1/4	3,351.21
1/2	282.71	1/2	626.06	1/2	962.32	1/2	1,298.28	1/2	1,641.64	1/2	1,985.00	1/2	2,328.37	1/2	2,671.73	1/2	3,015.09	1/2	3,358.37
3/4	289.87	3/4	633.22	3/4	969.17	3/4	1,305.43	3/4	1,648.79	3/4	1,992.16	3/4	2,335.52	3/4	2,678.88	3/4	3,022.25	3/4	3,365.52
10	297.02	10	640.37	10	976.01	10	1,312.58	10	1,655.95	10	1,999.31	10	2,342.67	10	2,686.04	10	3,029.40	10	3,372.67
1/4	304.17	1/4	647.52	1/4	982.86	1/4	1,319.74	1/4	1,663.10	1/4	2,006.46	1/4	2,349.83	1/4	2,693.19	1/4	3,036.55	1/4	3,379.82
1/2	311.33	1/2	654.68	1/2	989.70	1/2	1,326.89	1/2	1,670.25	1/2	2,013.62	1/2	2,356.98	1/2	2,700.34	1/2	3,043.71	1/2	3,386.97
3/4	318.48	3/4	661.83	3/4	996.55	3/4	1,334.04	3/4	1,677.41	3/4	2,020.77	3/4	2,364.13	3/4	2,707.50	3/4	3,050.86	3/4	3,394.12
11	325.63	11	668.98	11	1,003.39	11	1,341.20	11	1,684.56	11	2,027.92	11	2,371.29	11	2,714.65	11	3,058.01	11	3,401.27
1/4	332.79	1/4	676.13	1/4	1,010.25	1/4	1,348.35	1/4	1,691.71	1/4	2,035.08	1/4	2,378.44	1/4	2,721.80	1/4	3,065.16	1/4	3,408.42
1/2	339.94	1/2	683.29	1/2	1,017.09	1/2	1,355.51	1/2	1,698.87	1/2	2,042.23	1/2	2,385.59	1/2	2,728.96	1/2	3,072.31	1/2	3,415.58
3/4	347.09	3/4	690.44	3/4	1,023.93	3/4	1,362.66	3/4	1,706.02	3/4	2,049.38	3/4	2,392.75	3/4	2,736.11	3/4	3,079.46	3/4	3,422.73

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092

Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 427"

## 2 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 16'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,429.88	0	3,773.14	0	4,116.40	0	4,458.96	0	4,800.66	0		0		0		0		0	
1/4	3,437.03	1/4	3,780.29	1/4	4,123.55	1/4	4,466.08	1/4	4,807.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,444.18	1/2	3,787.44	1/2	4,130.71	1/2	4,473.20	1/2	4,814.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,451.33	3/4	3,794.59	3/4	4,137.86	3/4	4,480.32	3/4	4,822.01	3/4		3/4		3/4		3/4		3/4	
1	3,458.48	1	3,801.75	1	4,145.01	1	4,487.44	1	4,829.13	1		1		1		1		1	
1/4	3,465.64	1/4	3,808.90	1/4	4,152.16	1/4	4,494.56	1/4	4,836.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,472.79	1/2	3,816.05	1/2	4,159.31	1/2	4,501.67	1/2	4,843.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,479.94	3/4	3,823.20	3/4	4,166.46	3/4	4,508.79	3/4	4,850.49	3/4		3/4		3/4		3/4		3/4	
2	3,487.09	2	3,830.35	2	4,173.61	2	4,515.91	2	4,857.60	2		2		2		2		2	
1/4	3,494.24	1/4	3,837.50	1/4	4,180.77	1/4	4,523.03	1/4	4,864.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,501.39	1/2	3,844.65	1/2	4,187.92	1/2	4,530.15	1/2	4,871.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,508.54	3/4	3,851.81	3/4	4,195.07	3/4	4,537.27	3/4	4,878.94	3/4		3/4		3/4		3/4		3/4	
3	3,515.69	3	3,858.96	3	4,202.22	3	4,544.39	3	4,886.01	3		3		3		3		3	
1/4	3,522.85	1/4	3,866.11	1/4	4,209.37	1/4	4,551.50	1/4	4,893.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,530.00	1/2	3,873.26	1/2	4,216.52	1/2	4,558.62	1/2	4,900.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,537.15	3/4	3,880.41	3/4	4,223.67	3/4	4,565.74	3/4	4,907.24	3/4		3/4		3/4		3/4		3/4	
4	3,544.30	4	3,887.56	4	4,230.82	4	4,572.86	4	4,914.31	4		4		4		4		4	
1/4	3,551.45	1/4	3,894.71	1/4	4,237.98	1/4	4,579.98	1/4	4,921.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,558.60	1/2	3,901.86	1/2	4,245.13	1/2	4,587.10	1/2	4,928.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,565.75	3/4	3,909.02	3/4	4,252.28	3/4	4,594.22	3/4	4,935.53	3/4		3/4		3/4		3/4		3/4	
5	3,572.90	5	3,916.17	5	4,259.43	5	4,601.33	5	4,942.60	5		5		5		5		5	
1/4	3,580.06	1/4	3,923.32	1/4	4,266.58	1/4	4,608.45	1/4	4,949.67	1/4		1/4		1/4		1/4		1/4	
1/2	3,587.21	1/2	3,930.47	1/2	4,273.73	1/2	4,615.57	1/2	4,956.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,594.36	3/4	3,937.62	3/4	4,280.88	3/4	4,622.69	3/4	4,963.81	3/4		3/4		3/4		3/4		3/4	
6	3,601.51	6	3,944.77	6	4,288.03	6	4,629.81	6	4,970.87	6		6		6		6		6	
1/4	3,608.66	1/4	3,951.92	1/4	4,295.19	1/4	4,636.93	1/4	4,977.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,615.81	1/2	3,959.07	1/2	4,302.34	1/2	4,644.05	1/2	4,984.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,622.96	3/4	3,966.23	3/4	4,309.47	3/4	4,651.17	3/4	4,992.02	3/4		3/4		3/4		3/4		3/4	
7	3,630.11	7	3,973.38	7	4,316.59	7	4,658.28	7	4,999.02	7		7		7		7		7	
1/4	3,637.27	1/4	3,980.53	1/4	4,323.71	1/4	4,665.40	1/4	5,006.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,644.42	1/2	3,987.68	1/2	4,330.83	1/2	4,672.52	1/2	5,013.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,651.57	3/4	3,994.83	3/4	4,337.95	3/4	4,679.64	3/4	5,019.63	3/4		3/4		3/4		3/4		3/4	
8	3,658.72	8	4,001.98	8	4,345.07	8	4,686.76	8	5,025.81	8		8		8		8		8	
1/4	3,665.87	1/4	4,009.13	1/4	4,352.18	1/4	4,693.88	1/4	5,031.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,673.02	1/2	4,016.29	1/2	4,359.30	1/2	4,701.00	1/2	5,038.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,680.17	3/4	4,023.44	3/4	4,366.42	3/4	4,708.11	3/4	5,043.75	3/4		3/4		3/4		3/4		3/4	
9	3,687.33	9	4,030.59	9	4,373.54	9	4,715.23	9	5,048.74	9		9		9		9		9	
1/4	3,694.48	1/4	4,037.74	1/4	4,380.66	1/4	4,722.35	1/4	5,053.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,701.63	1/2	4,044.89	1/2	4,387.78	1/2	4,729.47	1/2	5,058.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,708.78	3/4	4,052.04	3/4	4,394.90	3/4	4,736.59	3/4	5,063.10	3/4		3/4		3/4		3/4		3/4	
10	3,715.93	10	4,059.19	10	4,402.01	10	4,743.71	10	5,066.90	10		10		10		10		10	
1/4	3,723.08	1/4	4,066.34	1/4	4,409.13	1/4	4,750.83	1/4	5,070.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,730.23	1/2	4,073.50	1/2	4,416.25	1/2	4,757.94	1/2	5,074.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,737.38	3/4	4,080.65	3/4	4,423.37	3/4	4,765.06	3/4	5,076.39	3/4		3/4		3/4		3/4		3/4	
11	3,744.54	11	4,087.80	11	4,430.49	11	4,772.18	11		11		11		11		11		11	
1/4	3,751.69	1/4	4,094.95	1/4	4,437.61	1/4	4,779.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,758.84	1/2	4,102.10	1/2	4,444.73	1/2	4,786.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,765.99	3/4	4,109.25	3/4	4,451.84	3/4	4,793.54	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 0/2022

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>







# BARGE "MPX 427"

2 STBD  
INNAGE TABLE

HERMETIC  
GAUGE HEIGHT 16'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. 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	21.35	0	353.83	0	696.78	0	1,039.35	0	1,382.20	0	1,725.16	0	2,068.12	0	2,411.08	0	2,754.04	0	3,096.98
1/4	25.82	1/4	360.98	1/4	703.92	1/4	1,046.48	1/4	1,389.34	1/4	1,732.30	1/4	2,075.26	1/4	2,418.22	1/4	2,761.18	1/4	3,104.13
1/2	30.28	1/2	368.12	1/2	711.07	1/2	1,053.61	1/2	1,396.49	1/2	1,739.45	1/2	2,082.41	1/2	2,425.37	1/2	2,768.33	1/2	3,111.27
3/4	35.64	3/4	375.26	3/4	718.21	3/4	1,060.74	3/4	1,403.63	3/4	1,746.59	3/4	2,089.55	3/4	2,432.51	3/4	2,775.47	3/4	3,118.41
1	41.89	1	382.41	1	725.35	1	1,067.87	1	1,410.78	1	1,753.74	1	2,096.70	1	2,439.66	1	2,782.62	1	3,125.56
1/4	48.14	1/4	389.55	1/4	732.50	1/4	1,075.01	1/4	1,417.92	1/4	1,760.88	1/4	2,103.84	1/4	2,446.80	1/4	2,789.76	1/4	3,132.70
1/2	54.39	1/2	396.70	1/2	739.64	1/2	1,082.14	1/2	1,425.07	1/2	1,768.03	1/2	2,110.99	1/2	2,453.95	1/2	2,796.91	1/2	3,139.84
3/4	61.07	3/4	403.84	3/4	746.79	3/4	1,089.27	3/4	1,432.21	3/4	1,775.17	3/4	2,118.13	3/4	2,461.09	3/4	2,804.05	3/4	3,146.98
2	68.18	2	410.99	2	753.93	2	1,096.41	2	1,439.36	2	1,782.32	2	2,125.28	2	2,468.24	2	2,811.20	2	3,154.13
1/4	75.29	1/4	418.13	1/4	761.08	1/4	1,103.55	1/4	1,446.50	1/4	1,789.46	1/4	2,132.42	1/4	2,475.38	1/4	2,818.34	1/4	3,161.27
1/2	82.40	1/2	425.28	1/2	768.22	1/2	1,110.69	1/2	1,453.65	1/2	1,796.61	1/2	2,139.57	1/2	2,482.53	1/2	2,825.49	1/2	3,168.41
3/4	89.52	3/4	432.42	3/4	775.37	3/4	1,117.83	3/4	1,460.79	3/4	1,803.75	3/4	2,146.71	3/4	2,489.67	3/4	2,832.63	3/4	3,175.56
3	96.65	3	439.57	3	782.51	3	1,124.98	3	1,467.94	3	1,810.90	3	2,153.86	3	2,496.82	3	2,839.78	3	3,182.70
1/4	103.79	1/4	446.71	1/4	789.66	1/4	1,132.12	1/4	1,475.08	1/4	1,818.04	1/4	2,161.00	1/4	2,503.96	1/4	2,846.92	1/4	3,189.84
1/2	110.92	1/2	453.86	1/2	796.80	1/2	1,139.27	1/2	1,482.23	1/2	1,825.19	1/2	2,168.15	1/2	2,511.11	1/2	2,854.07	1/2	3,196.98
3/4	118.06	3/4	461.00	3/4	803.95	3/4	1,146.41	3/4	1,489.37	3/4	1,832.33	3/4	2,175.29	3/4	2,518.25	3/4	2,861.21	3/4	3,204.13
4	125.20	4	468.15	4	811.09	4	1,153.56	4	1,496.52	4	1,839.48	4	2,182.44	4	2,525.40	4	2,868.36	4	3,211.27
1/4	132.35	1/4	475.29	1/4	818.24	1/4	1,160.70	1/4	1,503.66	1/4	1,846.62	1/4	2,189.58	1/4	2,532.54	1/4	2,875.50	1/4	3,218.41
1/2	139.49	1/2	482.44	1/2	825.38	1/2	1,167.85	1/2	1,510.81	1/2	1,853.77	1/2	2,196.73	1/2	2,539.69	1/2	2,882.65	1/2	3,225.56
3/4	146.63	3/4	489.58	3/4	832.52	3/4	1,174.99	3/4	1,517.95	3/4	1,860.91	3/4	2,203.87	3/4	2,546.83	3/4	2,889.79	3/4	3,232.70
5	153.78	5	496.72	5	839.66	5	1,182.14	5	1,525.10	5	1,868.06	5	2,211.02	5	2,553.98	5	2,896.94	5	3,239.84
1/4	160.92	1/4	503.87	1/4	846.80	1/4	1,189.28	1/4	1,532.24	1/4	1,875.20	1/4	2,218.16	1/4	2,561.12	1/4	2,904.08	1/4	3,246.98
1/2	168.07	1/2	511.01	1/2	853.94	1/2	1,196.43	1/2	1,539.39	1/2	1,882.35	1/2	2,225.31	1/2	2,568.27	1/2	2,911.23	1/2	3,254.13
3/4	175.21	3/4	518.16	3/4	861.08	3/4	1,203.57	3/4	1,546.53	3/4	1,889.49	3/4	2,232.45	3/4	2,575.41	3/4	2,918.37	3/4	3,261.27
6	182.36	6	525.30	6	868.21	6	1,210.72	6	1,553.68	6	1,896.64	6	2,239.60	6	2,582.56	6	2,925.52	6	3,268.41
1/4	189.50	1/4	532.45	1/4	875.34	1/4	1,217.86	1/4	1,560.82	1/4	1,903.78	1/4	2,246.74	1/4	2,589.70	1/4	2,932.66	1/4	3,275.56
1/2	196.65	1/2	539.59	1/2	882.47	1/2	1,225.01	1/2	1,567.97	1/2	1,910.93	1/2	2,253.89	1/2	2,596.85	1/2	2,939.81	1/2	3,282.70
3/4	203.79	3/4	546.74	3/4	889.60	3/4	1,232.15	3/4	1,575.11	3/4	1,918.07	3/4	2,261.03	3/4	2,603.99	3/4	2,946.95	3/4	3,289.84
7	210.94	7	553.88	7	896.73	7	1,239.30	7	1,582.26	7	1,925.22	7	2,268.18	7	2,611.14	7	2,954.10	7	3,296.98
1/4	218.08	1/4	561.03	1/4	903.86	1/4	1,246.44	1/4	1,589.40	1/4	1,932.36	1/4	2,275.32	1/4	2,618.28	1/4	2,961.24	1/4	3,304.13
1/2	225.23	1/2	568.17	1/2	910.99	1/2	1,253.59	1/2	1,596.55	1/2	1,939.51	1/2	2,282.47	1/2	2,625.43	1/2	2,968.39	1/2	3,311.27
3/4	232.37	3/4	575.32	3/4	918.12	3/4	1,260.73	3/4	1,603.69	3/4	1,946.65	3/4	2,289.61	3/4	2,632.57	3/4	2,975.53	3/4	3,318.41
8	239.52	8	582.46	8	925.26	8	1,267.88	8	1,610.84	8	1,953.80	8	2,296.76	8	2,639.72	8	2,982.68	8	3,325.56
1/4	246.66	1/4	589.61	1/4	932.39	1/4	1,275.02	1/4	1,617.98	1/4	1,960.94	1/4	2,303.90	1/4	2,646.86	1/4	2,989.82	1/4	3,332.70
1/2	253.80	1/2	596.75	1/2	939.52	1/2	1,282.17	1/2	1,625.13	1/2	1,968.09	1/2	2,311.05	1/2	2,654.01	1/2	2,996.97	1/2	3,339.84
3/4	260.95	3/4	603.90	3/4	946.65	3/4	1,289.31	3/4	1,632.27	3/4	1,975.23	3/4	2,318.19	3/4	2,661.15	3/4	3,004.11	3/4	3,346.98
9	268.09	9	611.04	9	953.78	9	1,296.46	9	1,639.42	9	1,982.38	9	2,325.34	9	2,668.30	9	3,011.26	9	3,354.13
1/4	275.24	1/4	618.18	1/4	960.91	1/4	1,303.60	1/4	1,646.56	1/4	1,989.52	1/4	2,332.48	1/4	2,675.44	1/4	3,018.40	1/4	3,361.27
1/2	282.38	1/2	625.33	1/2	968.04	1/2	1,310.75	1/2	1,653.71	1/2	1,996.67	1/2	2,339.63	1/2	2,682.59	1/2	3,025.55	1/2	3,368.41
3/4	289.53	3/4	632.47	3/4	975.17	3/4	1,317.89	3/4	1,660.85	3/4	2,003.81	3/4	2,346.77	3/4	2,689.73	3/4	3,032.69	3/4	3,375.56
10	296.67	10	639.62	10	982.30	10	1,325.04	10	1,668.00	10	2,010.96	10	2,353.92	10	2,696.88	10	3,039.84	10	3,382.70
1/4	303.82	1/4	646.76	1/4	989.43	1/4	1,332.18	1/4	1,675.14	1/4	2,018.10	1/4	2,361.06	1/4	2,704.02	1/4	3,046.98	1/4	3,389.84
1/2	310.96	1/2	653.91	1/2	996.56	1/2	1,339.33	1/2	1,682.29	1/2	2,025.25	1/2	2,368.21	1/2	2,711.17	1/2	3,054.13	1/2	3,396.99
3/4	318.11	3/4	661.05	3/4	1,003.70	3/4	1,346.47	3/4	1,689.43	3/4	2,032.39	3/4	2,375.35	3/4	2,718.31	3/4	3,061.27	3/4	3,404.13
11	325.25	11	668.20	11	1,010.83	11	1,353.62	11	1,696.58	11	2,039.54	11	2,382.50	11	2,725.46	11	3,068.41	11	3,411.27
1/4	332.40	1/4	675.34	1/4	1,017.96	1/4	1,360.76	1/4	1,703.72	1/4	2,046.68	1/4	2,389.64	1/4	2,732.60	1/4	3,075.55	1/4	3,418.41
1/2	339.54	1/2	682.49	1/2	1,025.09	1/2	1,367.91	1/2	1,710.87	1/2	2,053.83	1/2	2,396.79	1/2	2,739.75	1/2	3,082.70	1/2	3,425.56
3/4	346.69	3/4	689.63	3/4	1,032.22	3/4	1,375.05	3/4	1,718.01	3/4	2,060.97	3/4	2,403.93	3/4	2,746.89	3/4	3,089.84	3/4	3,432.70

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "MPX 427"

**2 STBD  
INNAGE TABLE  
HERMETIC  
GAUGE HEIGHT 16'-04 1/4"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,439.84	0	3,782.73	0	4,125.69	0	4,467.95	0	4,809.34	0		0		0		0		0	
1/4	3,446.99	1/4	3,789.88	1/4	4,132.84	1/4	4,475.06	1/4	4,816.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,454.13	1/2	3,797.02	1/2	4,139.98	1/2	4,482.17	1/2	4,823.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,461.27	3/4	3,804.17	3/4	4,147.13	3/4	4,489.28	3/4	4,830.67	3/4		3/4		3/4		3/4		3/4	
1	3,468.41	1	3,811.31	1	4,154.27	1	4,496.40	1	4,837.79	1		1		1		1		1	
1/4	3,475.56	1/4	3,818.46	1/4	4,161.42	1/4	4,503.51	1/4	4,844.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,482.70	1/2	3,825.60	1/2	4,168.56	1/2	4,510.62	1/2	4,852.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,489.84	3/4	3,832.75	3/4	4,175.71	3/4	4,517.73	3/4	4,859.12	3/4		3/4		3/4		3/4		3/4	
2	3,496.99	2	3,839.89	2	4,182.85	2	4,524.85	2	4,866.24	2		2		2		2		2	
1/4	3,504.13	1/4	3,847.04	1/4	4,190.00	1/4	4,531.96	1/4	4,873.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,511.27	1/2	3,854.18	1/2	4,197.14	1/2	4,539.07	1/2	4,880.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,518.41	3/4	3,861.33	3/4	4,204.29	3/4	4,546.18	3/4	4,887.55	3/4		3/4		3/4		3/4		3/4	
3	3,525.56	3	3,868.47	3	4,211.43	3	4,553.29	3	4,894.62	3		3		3		3		3	
1/4	3,532.70	1/4	3,875.62	1/4	4,218.58	1/4	4,560.41	1/4	4,901.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,539.84	1/2	3,882.76	1/2	4,225.72	1/2	4,567.52	1/2	4,908.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,546.99	3/4	3,889.91	3/4	4,232.87	3/4	4,574.63	3/4	4,915.82	3/4		3/4		3/4		3/4		3/4	
4	3,554.13	4	3,897.05	4	4,240.01	4	4,581.74	4	4,922.89	4		4		4		4		4	
1/4	3,561.27	1/4	3,904.20	1/4	4,247.16	1/4	4,588.86	1/4	4,929.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,568.41	1/2	3,911.34	1/2	4,254.30	1/2	4,595.97	1/2	4,937.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,575.56	3/4	3,918.49	3/4	4,261.45	3/4	4,603.08	3/4	4,944.09	3/4		3/4		3/4		3/4		3/4	
5	3,582.70	5	3,925.63	5	4,268.59	5	4,610.19	5	4,951.15	5		5		5		5		5	
1/4	3,589.84	1/4	3,932.78	1/4	4,275.74	1/4	4,617.31	1/4	4,958.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,596.99	1/2	3,939.92	1/2	4,282.88	1/2	4,624.42	1/2	4,965.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,604.13	3/4	3,947.07	3/4	4,290.03	3/4	4,631.53	3/4	4,972.35	3/4		3/4		3/4		3/4		3/4	
6	3,611.27	6	3,954.21	6	4,297.17	6	4,638.64	6	4,979.40	6		6		6		6		6	
1/4	3,618.42	1/4	3,961.36	1/4	4,304.32	1/4	4,645.75	1/4	4,986.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.56	1/2	3,968.50	1/2	4,311.46	1/2	4,652.87	1/2	4,993.50	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.70	3/4	3,975.65	3/4	4,318.59	3/4	4,659.98	3/4	5,000.53	3/4		3/4		3/4		3/4		3/4	
7	3,639.84	7	3,982.79	7	4,325.70	7	4,667.09	7	5,007.53	7		7		7		7		7	
1/4	3,646.99	1/4	3,989.94	1/4	4,332.81	1/4	4,674.20	1/4	5,014.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,654.13	1/2	3,997.08	1/2	4,339.93	1/2	4,681.32	1/2	5,021.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,661.27	3/4	4,004.23	3/4	4,347.04	3/4	4,688.43	3/4	5,028.11	3/4		3/4		3/4		3/4		3/4	
8	3,668.42	8	4,011.37	8	4,354.15	8	4,695.54	8	5,034.29	8		8		8		8		8	
1/4	3,675.56	1/4	4,018.52	1/4	4,361.26	1/4	4,702.65	1/4	5,040.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,682.70	1/2	4,025.66	1/2	4,368.37	1/2	4,709.77	1/2	5,046.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,689.85	3/4	4,032.81	3/4	4,375.49	3/4	4,716.88	3/4	5,052.21	3/4		3/4		3/4		3/4		3/4	
9	3,696.99	9	4,039.95	9	4,382.60	9	4,723.99	9	5,057.20	9		9		9		9		9	
1/4	3,704.14	1/4	4,047.10	1/4	4,389.71	1/4	4,731.10	1/4	5,062.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,711.28	1/2	4,054.24	1/2	4,396.82	1/2	4,738.21	1/2	5,067.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,718.43	3/4	4,061.39	3/4	4,403.94	3/4	4,745.33	3/4	5,071.55	3/4		3/4		3/4		3/4		3/4	
10	3,725.57	10	4,068.53	10	4,411.05	10	4,752.44	10	5,075.35	10		10		10		10		10	
1/4	3,732.72	1/4	4,075.68	1/4	4,418.16	1/4	4,759.55	1/4	5,079.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,739.86	1/2	4,082.82	1/2	4,425.27	1/2	4,766.66	1/2	5,082.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,747.01	3/4	4,089.97	3/4	4,432.39	3/4	4,773.78	3/4	5,084.83	3/4		3/4		3/4		3/4		3/4	
11	3,754.15	11	4,097.11	11	4,439.50	11	4,780.89	11		11		11		11		11		11	
1/4	3,761.30	1/4	4,104.26	1/4	4,446.61	1/4	4,788.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,768.44	1/2	4,111.40	1/2	4,453.72	1/2	4,795.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,775.59	3/4	4,118.55	3/4	4,460.83	3/4	4,802.23	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 0/2022



# BARGE "MPX 427"

## 3 PORT INNAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. 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	21.26	0	352.29	0	693.21	0	1,024.07	0	1,360.77	0	1,701.60	0	2,042.43	0	2,383.27	0	2,724.07	0	3,065.02
1/4	25.71	1/4	359.40	1/4	700.32	1/4	1,030.86	1/4	1,367.87	1/4	1,708.70	1/4	2,049.54	1/4	2,390.37	1/4	2,731.17	1/4	3,072.12
1/2	30.15	1/2	366.52	1/2	707.42	1/2	1,037.65	1/2	1,374.97	1/2	1,715.80	1/2	2,056.64	1/2	2,397.47	1/2	2,738.27	1/2	3,079.21
3/4	35.49	3/4	373.62	3/4	714.52	3/4	1,044.44	3/4	1,382.07	3/4	1,722.90	3/4	2,063.74	3/4	2,404.57	3/4	2,745.37	3/4	3,086.31
1	41.71	1	380.73	1	721.62	1	1,051.23	1	1,389.17	1	1,730.00	1	2,070.84	1	2,411.67	1	2,752.47	1	3,093.41
1/4	47.93	1/4	387.83	1/4	728.72	1/4	1,058.03	1/4	1,396.27	1/4	1,737.10	1/4	2,077.94	1/4	2,418.77	1/4	2,759.57	1/4	3,100.50
1/2	54.16	1/2	394.93	1/2	735.83	1/2	1,064.82	1/2	1,403.37	1/2	1,744.21	1/2	2,085.04	1/2	2,425.87	1/2	2,766.67	1/2	3,107.60
3/4	60.81	3/4	402.03	3/4	742.93	3/4	1,071.61	3/4	1,410.47	3/4	1,751.31	3/4	2,092.14	3/4	2,432.97	3/4	2,773.77	3/4	3,114.68
2	67.88	2	409.13	2	750.03	2	1,078.41	2	1,417.57	2	1,758.41	2	2,099.24	2	2,440.07	2	2,780.87	2	3,121.76
1/4	74.96	1/4	416.24	1/4	757.13	1/4	1,085.21	1/4	1,424.67	1/4	1,765.51	1/4	2,106.34	1/4	2,447.17	1/4	2,787.97	1/4	3,128.84
1/2	82.04	1/2	423.34	1/2	764.23	1/2	1,092.01	1/2	1,431.77	1/2	1,772.61	1/2	2,113.44	1/2	2,454.28	1/2	2,795.06	1/2	3,135.92
3/4	89.13	3/4	430.44	3/4	771.34	3/4	1,098.85	3/4	1,438.88	3/4	1,779.71	3/4	2,120.54	3/4	2,461.38	3/4	2,802.16	3/4	3,143.00
3	96.23	3	437.54	3	778.44	3	1,105.72	3	1,445.98	3	1,786.81	3	2,127.64	3	2,468.48	3	2,809.26	3	3,150.08
1/4	103.34	1/4	444.64	1/4	785.54	1/4	1,112.59	1/4	1,453.08	1/4	1,793.91	1/4	2,134.74	1/4	2,475.58	1/4	2,816.36	1/4	3,157.15
1/2	110.44	1/2	451.75	1/2	792.64	1/2	1,119.46	1/2	1,460.18	1/2	1,801.01	1/2	2,141.84	1/2	2,482.68	1/2	2,823.46	1/2	3,164.23
3/4	117.55	3/4	458.85	3/4	799.63	3/4	1,126.44	3/4	1,467.28	3/4	1,808.11	3/4	2,148.95	3/4	2,489.78	3/4	2,830.56	3/4	3,171.31
4	124.66	4	465.95	4	806.50	4	1,133.55	4	1,474.38	4	1,815.21	4	2,156.05	4	2,496.88	4	2,837.66	4	3,178.39
1/4	131.77	1/4	473.05	1/4	813.37	1/4	1,140.65	1/4	1,481.48	1/4	1,822.31	1/4	2,163.15	1/4	2,503.98	1/4	2,844.76	1/4	3,185.47
1/2	138.88	1/2	480.15	1/2	820.24	1/2	1,147.75	1/2	1,488.58	1/2	1,829.41	1/2	2,170.25	1/2	2,511.08	1/2	2,851.86	1/2	3,192.55
3/4	146.00	3/4	487.26	3/4	827.07	3/4	1,154.85	3/4	1,495.68	3/4	1,836.51	3/4	2,177.35	3/4	2,518.18	3/4	2,858.96	3/4	3,199.62
5	153.11	5	494.36	5	833.87	5	1,161.95	5	1,502.78	5	1,843.62	5	2,184.45	5	2,525.28	5	2,866.06	5	3,206.70
1/4	160.22	1/4	501.46	1/4	840.67	1/4	1,169.05	1/4	1,509.88	1/4	1,850.72	1/4	2,191.55	1/4	2,532.38	1/4	2,873.16	1/4	3,213.78
1/2	167.34	1/2	508.56	1/2	847.47	1/2	1,176.15	1/2	1,516.98	1/2	1,857.82	1/2	2,198.65	1/2	2,539.48	1/2	2,880.26	1/2	3,220.86
3/4	174.45	3/4	515.66	3/4	854.27	3/4	1,183.25	3/4	1,524.08	3/4	1,864.92	3/4	2,205.75	3/4	2,546.58	3/4	2,887.36	3/4	3,227.94
6	181.56	6	522.77	6	861.06	6	1,190.35	6	1,531.18	6	1,872.02	6	2,212.85	6	2,553.68	6	2,894.46	6	3,235.02
1/4	188.68	1/4	529.87	1/4	867.85	1/4	1,197.45	1/4	1,538.29	1/4	1,879.12	1/4	2,219.95	1/4	2,560.77	1/4	2,901.56	1/4	3,242.10
1/2	195.79	1/2	536.97	1/2	874.64	1/2	1,204.55	1/2	1,545.39	1/2	1,886.22	1/2	2,227.05	1/2	2,567.87	1/2	2,908.66	1/2	3,249.17
3/4	202.90	3/4	544.07	3/4	881.44	3/4	1,211.65	3/4	1,552.49	3/4	1,893.32	3/4	2,234.15	3/4	2,574.97	3/4	2,915.77	3/4	3,256.25
7	210.02	7	551.17	7	888.23	7	1,218.75	7	1,559.59	7	1,900.42	7	2,241.25	7	2,582.07	7	2,922.88	7	3,263.33
1/4	217.13	1/4	558.28	1/4	895.02	1/4	1,225.85	1/4	1,566.69	1/4	1,907.52	1/4	2,248.36	1/4	2,589.17	1/4	2,929.99	1/4	3,270.41
1/2	224.24	1/2	565.38	1/2	901.81	1/2	1,232.96	1/2	1,573.79	1/2	1,914.62	1/2	2,255.46	1/2	2,596.27	1/2	2,937.10	1/2	3,277.49
3/4	231.36	3/4	572.48	3/4	908.60	3/4	1,240.06	3/4	1,580.89	3/4	1,921.72	3/4	2,262.56	3/4	2,603.37	3/4	2,944.21	3/4	3,284.57
8	238.47	8	579.58	8	915.40	8	1,247.16	8	1,587.99	8	1,928.82	8	2,269.66	8	2,610.47	8	2,951.32	8	3,291.65
1/4	245.59	1/4	586.68	1/4	922.19	1/4	1,254.26	1/4	1,595.09	1/4	1,935.92	1/4	2,276.76	1/4	2,617.57	1/4	2,958.44	1/4	3,298.73
1/2	252.70	1/2	593.79	1/2	928.98	1/2	1,261.36	1/2	1,602.19	1/2	1,943.02	1/2	2,283.86	1/2	2,624.67	1/2	2,965.55	1/2	3,305.81
3/4	259.81	3/4	600.89	3/4	935.77	3/4	1,268.46	3/4	1,609.29	3/4	1,950.13	3/4	2,290.96	3/4	2,631.77	3/4	2,972.66	3/4	3,312.89
9	266.93	9	607.99	9	942.56	9	1,275.56	9	1,616.39	9	1,957.23	9	2,298.06	9	2,638.87	9	2,979.77	9	3,319.97
1/4	274.04	1/4	615.09	1/4	949.35	1/4	1,282.66	1/4	1,623.49	1/4	1,964.33	1/4	2,305.16	1/4	2,645.97	1/4	2,986.88	1/4	3,327.05
1/2	281.15	1/2	622.19	1/2	956.15	1/2	1,289.76	1/2	1,630.59	1/2	1,971.43	1/2	2,312.26	1/2	2,653.07	1/2	2,993.99	1/2	3,334.13
3/4	288.27	3/4	629.30	3/4	962.94	3/4	1,296.86	3/4	1,637.69	3/4	1,978.53	3/4	2,319.36	3/4	2,660.17	3/4	3,001.10	3/4	3,339.84
10	295.38	10	636.40	10	969.73	10	1,303.96	10	1,644.80	10	1,985.63	10	2,326.46	10	2,667.27	10	3,008.22	10	3,344.16
1/4	302.49	1/4	643.50	1/4	976.52	1/4	1,311.06	1/4	1,651.90	1/4	1,992.73	1/4	2,333.56	1/4	2,674.37	1/4	3,015.33	1/4	3,348.49
1/2	309.61	1/2	650.60	1/2	983.31	1/2	1,318.16	1/2	1,659.00	1/2	1,999.83	1/2	2,340.66	1/2	2,681.47	1/2	3,022.44	1/2	3,352.81
3/4	316.72	3/4	657.70	3/4	990.11	3/4	1,325.26	3/4	1,666.10	3/4	2,006.93	3/4	2,347.76	3/4	2,688.57	3/4	3,029.54	3/4	3,357.14
11	323.84	11	664.81	11	996.90	11	1,332.36	11	1,673.20	11	2,014.03	11	2,354.87	11	2,695.67	11	3,036.64	11	3,361.46
1/4	330.95	1/4	671.91	1/4	1,003.69	1/4	1,339.47	1/4	1,680.30	1/4	2,021.13	1/4	2,361.97	1/4	2,702.77	1/4	3,043.73	1/4	3,365.79
1/2	338.06	1/2	679.01	1/2	1,010.48	1/2	1,346.57	1/2	1,687.40	1/2	2,028.23	1/2	2,369.07	1/2	2,709.87	1/2	3,050.83	1/2	3,370.12
3/4	345.18	3/4	686.11	3/4	1,017.27	3/4	1,353.67	3/4	1,694.50	3/4	2,035.33	3/4	2,376.17	3/4	2,716.97	3/4	3,057.93	3/4	3,374.45

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "MPX 427"

## 3 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 16'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,378.79	0	3,587.51	0	3,796.78	0	4,005.63	0	4,213.98	0		0		0		0		0	
1/4	3,383.14	1/4	3,591.87	1/4	3,801.14	1/4	4,009.97	1/4	4,218.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,387.48	1/2	3,596.23	1/2	3,805.50	1/2	4,014.31	1/2	4,222.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,391.83	3/4	3,600.59	3/4	3,809.86	3/4	4,018.65	3/4	4,227.00	3/4		3/4		3/4		3/4		3/4	
1	3,396.17	1	3,604.95	1	3,814.22	1	4,022.99	1	4,231.34	1		1		1		1		1	
1/4	3,400.51	1/4	3,609.31	1/4	3,818.58	1/4	4,027.33	1/4	4,235.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,404.86	1/2	3,613.67	1/2	3,822.94	1/2	4,031.67	1/2	4,240.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,409.20	3/4	3,618.03	3/4	3,827.30	3/4	4,036.01	3/4	4,244.36	3/4		3/4		3/4		3/4		3/4	
2	3,413.55	2	3,622.39	2	3,831.66	2	4,040.36	2	4,248.70	2		2		2		2		2	
1/4	3,417.89	1/4	3,626.75	1/4	3,836.02	1/4	4,044.70	1/4	4,253.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,422.23	1/2	3,631.11	1/2	3,840.38	1/2	4,049.04	1/2	4,257.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,426.58	3/4	3,635.47	3/4	3,844.74	3/4	4,053.38	3/4	4,261.71	3/4		3/4		3/4		3/4		3/4	
3	3,430.92	3	3,639.83	3	3,849.10	3	4,057.72	3	4,266.02	3		3		3		3		3	
1/4	3,435.26	1/4	3,644.19	1/4	3,853.46	1/4	4,062.06	1/4	4,270.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,439.61	1/2	3,648.55	1/2	3,857.82	1/2	4,066.40	1/2	4,274.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,443.95	3/4	3,652.91	3/4	3,862.18	3/4	4,070.74	3/4	4,278.96	3/4		3/4		3/4		3/4		3/4	
4	3,448.30	4	3,657.27	4	3,866.53	4	4,075.08	4	4,283.28	4		4		4		4		4	
1/4	3,452.64	1/4	3,661.63	1/4	3,870.89	1/4	4,079.42	1/4	4,287.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,456.98	1/2	3,665.99	1/2	3,875.25	1/2	4,083.76	1/2	4,291.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,461.33	3/4	3,670.35	3/4	3,879.61	3/4	4,088.10	3/4	4,296.21	3/4		3/4		3/4		3/4		3/4	
5	3,465.67	5	3,674.71	5	3,883.97	5	4,092.44	5	4,300.52	5		5		5		5		5	
1/4	3,470.02	1/4	3,679.07	1/4	3,888.33	1/4	4,096.78	1/4	4,304.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,474.36	1/2	3,683.43	1/2	3,892.69	1/2	4,101.12	1/2	4,309.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,478.70	3/4	3,687.79	3/4	3,897.05	3/4	4,105.46	3/4	4,313.45	3/4		3/4		3/4		3/4		3/4	
6	3,483.05	6	3,692.15	6	3,901.41	6	4,109.80	6	4,317.75	6		6		6		6		6	
1/4	3,487.39	1/4	3,696.51	1/4	3,905.77	1/4	4,114.15	1/4	4,322.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,491.74	1/2	3,700.87	1/2	3,910.13	1/2	4,118.49	1/2	4,326.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,496.08	3/4	3,705.23	3/4	3,914.48	3/4	4,122.83	3/4	4,330.62	3/4		3/4		3/4		3/4		3/4	
7	3,500.42	7	3,709.59	7	3,918.82	7	4,127.17	7	4,334.86	7		7		7		7		7	
1/4	3,504.77	1/4	3,713.95	1/4	3,923.16	1/4	4,131.51	1/4	4,339.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,509.11	1/2	3,718.30	1/2	3,927.50	1/2	4,135.85	1/2	4,343.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,513.46	3/4	3,722.66	3/4	3,931.84	3/4	4,140.19	3/4	4,347.18	3/4		3/4		3/4		3/4		3/4	
8	3,517.80	8	3,727.02	8	3,936.18	8	4,144.53	8	4,350.61	8		8		8		8		8	
1/4	3,522.14	1/4	3,731.38	1/4	3,940.52	1/4	4,148.87	1/4	4,354.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,526.49	1/2	3,735.74	1/2	3,944.86	1/2	4,153.21	1/2	4,357.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,530.84	3/4	3,740.10	3/4	3,949.20	3/4	4,157.55	3/4	4,360.29	3/4		3/4		3/4		3/4		3/4	
9	3,535.20	9	3,744.46	9	3,953.54	9	4,161.89	9	4,362.52	9		9		9		9		9	
1/4	3,539.56	1/4	3,748.82	1/4	3,957.88	1/4	4,166.23	1/4	4,364.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,543.92	1/2	3,753.18	1/2	3,962.22	1/2	4,170.57	1/2	4,367.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,548.28	3/4	3,757.54	3/4	3,966.57	3/4	4,174.91	3/4	4,368.97	3/4		3/4		3/4		3/4		3/4	
10	3,552.64	10	3,761.90	10	3,970.91	10	4,179.25	10	4,370.68	10		10		10		10		10	
1/4	3,557.00	1/4	3,766.26	1/4	3,975.25	1/4	4,183.60	1/4	4,372.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,561.36	1/2	3,770.62	1/2	3,979.59	1/2	4,187.94	1/2	4,374.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,565.72	3/4	3,774.98	3/4	3,983.93	3/4	4,192.28	3/4	4,374.93	3/4		3/4		3/4		3/4		3/4	
11	3,570.08	11	3,779.34	11	3,988.27	11	4,196.62	11		11		11		11		11		11	
1/4	3,574.43	1/4	3,783.70	1/4	3,992.61	1/4	4,200.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,578.79	1/2	3,788.06	1/2	3,996.95	1/2	4,205.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,583.15	3/4	3,792.42	3/4	4,001.29	3/4	4,209.64	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 0/2022



# BARGE "MPX 427"

## 3 STBD INNAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-04 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. 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	21.25	0	352.16	0	693.49	0	1,034.44	0	1,375.66	0	1,717.00	0	2,058.34	0	2,399.67	0	2,740.71	0	3,081.17
1/4	25.70	1/4	359.27	1/4	700.60	1/4	1,041.53	1/4	1,382.77	1/4	1,724.11	1/4	2,065.45	1/4	2,406.78	1/4	2,747.80	1/4	3,088.26
1/2	30.14	1/2	366.38	1/2	707.71	1/2	1,048.63	1/2	1,389.88	1/2	1,731.22	1/2	2,072.56	1/2	2,413.90	1/2	2,754.89	1/2	3,095.36
3/4	35.47	3/4	373.49	3/4	714.82	3/4	1,055.73	3/4	1,396.99	3/4	1,738.33	3/4	2,079.67	3/4	2,421.01	3/4	2,761.99	3/4	3,102.45
1	41.69	1	380.60	1	721.93	1	1,062.83	1	1,404.11	1	1,745.44	1	2,086.78	1	2,428.12	1	2,769.08	1	3,109.54
1/4	47.92	1/4	387.72	1/4	729.04	1/4	1,069.92	1/4	1,411.22	1/4	1,752.55	1/4	2,093.89	1/4	2,435.23	1/4	2,776.17	1/4	3,116.64
1/2	54.14	1/2	394.83	1/2	736.15	1/2	1,077.02	1/2	1,418.33	1/2	1,759.67	1/2	2,101.00	1/2	2,442.34	1/2	2,783.26	1/2	3,123.73
3/4	60.78	3/4	401.94	3/4	743.27	3/4	1,084.12	3/4	1,425.44	3/4	1,766.78	3/4	2,108.11	3/4	2,449.45	3/4	2,790.36	3/4	3,130.81
2	67.86	2	409.05	2	750.38	2	1,091.23	2	1,432.55	2	1,773.89	2	2,115.23	2	2,456.56	2	2,797.45	2	3,137.89
1/4	74.93	1/4	416.16	1/4	757.49	1/4	1,098.33	1/4	1,439.66	1/4	1,781.00	1/4	2,122.34	1/4	2,463.67	1/4	2,804.54	1/4	3,144.97
1/2	82.01	1/2	423.27	1/2	764.60	1/2	1,105.44	1/2	1,446.77	1/2	1,788.11	1/2	2,129.45	1/2	2,470.79	1/2	2,811.64	1/2	3,152.04
3/4	89.10	3/4	430.38	3/4	771.71	3/4	1,112.55	3/4	1,453.88	3/4	1,795.22	3/4	2,136.56	3/4	2,477.90	3/4	2,818.73	3/4	3,159.12
3	96.20	3	437.49	3	778.82	3	1,119.66	3	1,460.99	3	1,802.33	3	2,143.67	3	2,485.01	3	2,825.82	3	3,166.19
1/4	103.30	1/4	444.60	1/4	785.93	1/4	1,126.77	1/4	1,468.11	1/4	1,809.44	1/4	2,150.78	1/4	2,492.12	1/4	2,832.92	1/4	3,173.27
1/2	110.40	1/2	451.71	1/2	793.04	1/2	1,133.88	1/2	1,475.22	1/2	1,816.55	1/2	2,157.89	1/2	2,499.23	1/2	2,840.01	1/2	3,180.35
3/4	117.50	3/4	458.83	3/4	800.15	3/4	1,140.99	3/4	1,482.33	3/4	1,823.67	3/4	2,165.00	3/4	2,506.34	3/4	2,847.10	3/4	3,187.42
4	124.61	4	465.94	4	807.26	4	1,148.10	4	1,489.44	4	1,830.78	4	2,172.11	4	2,513.45	4	2,854.19	4	3,194.50
1/4	131.72	1/4	473.05	1/4	814.38	1/4	1,155.21	1/4	1,496.55	1/4	1,837.89	1/4	2,179.23	1/4	2,520.56	1/4	2,861.29	1/4	3,201.57
1/2	138.83	1/2	480.16	1/2	821.49	1/2	1,162.32	1/2	1,503.66	1/2	1,845.00	1/2	2,186.34	1/2	2,527.67	1/2	2,868.38	1/2	3,208.65
3/4	145.94	3/4	487.27	3/4	828.59	3/4	1,169.44	3/4	1,510.77	3/4	1,852.11	3/4	2,193.45	3/4	2,534.79	3/4	2,875.47	3/4	3,215.72
5	153.05	5	494.38	5	835.70	5	1,176.55	5	1,517.88	5	1,859.22	5	2,200.56	5	2,541.90	5	2,882.57	5	3,222.80
1/4	160.16	1/4	501.49	1/4	842.80	1/4	1,183.66	1/4	1,525.00	1/4	1,866.33	1/4	2,207.67	1/4	2,549.01	1/4	2,889.66	1/4	3,229.88
1/2	167.27	1/2	508.60	1/2	849.91	1/2	1,190.77	1/2	1,532.11	1/2	1,873.44	1/2	2,214.78	1/2	2,556.12	1/2	2,896.75	1/2	3,236.95
3/4	174.39	3/4	515.71	3/4	857.01	3/4	1,197.88	3/4	1,539.22	3/4	1,880.56	3/4	2,221.89	3/4	2,563.24	3/4	2,903.85	3/4	3,244.03
6	181.50	6	522.82	6	864.11	6	1,204.99	6	1,546.33	6	1,887.67	6	2,229.00	6	2,570.35	6	2,910.94	6	3,251.10
1/4	188.61	1/4	529.94	1/4	871.20	1/4	1,212.10	1/4	1,553.44	1/4	1,894.78	1/4	2,236.12	1/4	2,577.46	1/4	2,918.03	1/4	3,258.18
1/2	195.72	1/2	537.05	1/2	878.30	1/2	1,219.21	1/2	1,560.55	1/2	1,901.89	1/2	2,243.23	1/2	2,584.57	1/2	2,925.12	1/2	3,265.25
3/4	202.83	3/4	544.16	3/4	885.40	3/4	1,226.33	3/4	1,567.66	3/4	1,909.00	3/4	2,250.34	3/4	2,591.69	3/4	2,932.22	3/4	3,272.33
7	209.94	7	551.27	7	892.49	7	1,233.44	7	1,574.77	7	1,916.11	7	2,257.45	7	2,598.80	7	2,939.31	7	3,279.41
1/4	217.05	1/4	558.38	1/4	899.59	1/4	1,240.55	1/4	1,581.89	1/4	1,923.22	1/4	2,264.56	1/4	2,605.91	1/4	2,946.40	1/4	3,286.48
1/2	224.16	1/2	565.49	1/2	906.69	1/2	1,247.66	1/2	1,589.00	1/2	1,930.33	1/2	2,271.67	1/2	2,613.02	1/2	2,953.50	1/2	3,293.56
3/4	231.27	3/4	572.60	3/4	913.78	3/4	1,254.77	3/4	1,596.11	3/4	1,937.45	3/4	2,278.78	3/4	2,620.13	3/4	2,960.59	3/4	3,300.63
8	238.38	8	579.71	8	920.88	8	1,261.88	8	1,603.22	8	1,944.56	8	2,285.89	8	2,627.22	8	2,967.68	8	3,307.71
1/4	245.50	1/4	586.82	1/4	927.98	1/4	1,268.99	1/4	1,610.33	1/4	1,951.67	1/4	2,293.01	1/4	2,634.31	1/4	2,974.78	1/4	3,314.79
1/2	252.61	1/2	593.93	1/2	935.08	1/2	1,276.10	1/2	1,617.44	1/2	1,958.78	1/2	2,300.12	1/2	2,641.40	1/2	2,981.87	1/2	3,321.86
3/4	259.72	3/4	601.05	3/4	942.17	3/4	1,283.21	3/4	1,624.55	3/4	1,965.89	3/4	2,307.23	3/4	2,648.50	3/4	2,988.96	3/4	3,328.94
9	266.83	9	608.16	9	949.27	9	1,290.33	9	1,631.66	9	1,973.00	9	2,314.34	9	2,655.59	9	2,996.05	9	3,336.01
1/4	273.94	1/4	615.27	1/4	956.37	1/4	1,297.44	1/4	1,638.77	1/4	1,980.11	1/4	2,321.45	1/4	2,662.68	1/4	3,003.15	1/4	3,343.09
1/2	281.05	1/2	622.38	1/2	963.46	1/2	1,304.55	1/2	1,645.89	1/2	1,987.22	1/2	2,328.56	1/2	2,669.78	1/2	3,010.24	1/2	3,350.16
3/4	288.16	3/4	629.49	3/4	970.56	3/4	1,311.66	3/4	1,653.00	3/4	1,994.33	3/4	2,335.67	3/4	2,676.87	3/4	3,017.33	3/4	3,355.86
10	295.27	10	636.60	10	977.66	10	1,318.77	10	1,660.11	10	2,001.45	10	2,342.78	10	2,683.96	10	3,024.43	10	3,360.19
1/4	302.38	1/4	643.71	1/4	984.76	1/4	1,325.88	1/4	1,667.22	1/4	2,008.56	1/4	2,349.89	1/4	2,691.06	1/4	3,031.52	1/4	3,364.52
1/2	309.49	1/2	650.82	1/2	991.85	1/2	1,332.99	1/2	1,674.33	1/2	2,015.67	1/2	2,357.01	1/2	2,698.15	1/2	3,038.61	1/2	3,368.84
3/4	316.61	3/4	657.93	3/4	998.95	3/4	1,340.10	3/4	1,681.44	3/4	2,022.78	3/4	2,364.12	3/4	2,705.24	3/4	3,045.71	3/4	3,373.17
11	323.72	11	665.04	11	1,006.05	11	1,347.22	11	1,688.55	11	2,029.89	11	2,371.23	11	2,712.33	11	3,052.80	11	3,377.49
1/4	330.83	1/4	672.16	1/4	1,013.15	1/4	1,354.33	1/4	1,695.66	1/4	2,037.00	1/4	2,378.34	1/4	2,719.43	1/4	3,059.89	1/4	3,381.82
1/2	337.94	1/2	679.27	1/2	1,020.24	1/2	1,361.44	1/2	1,702.78	1/2	2,044.11	1/2	2,385.45	1/2	2,726.52	1/2	3,066.98	1/2	3,386.14
3/4	345.05	3/4	686.38	3/4	1,027.34	3/4	1,368.55	3/4	1,709.89	3/4	2,051.22	3/4	2,392.56	3/4	2,733.61	3/4	3,074.08	3/4	3,390.49

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "MPX 427"

## 3 STBD

### INNAGE TABLE

### HERMETIC

### GAUGE HEIGHT 16'-04 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,394.85	0	3,604.19	0	3,813.52	0	4,022.46	0	4,230.88	0		0		0		0		0	
1/4	3,399.21	1/4	3,608.55	1/4	3,817.89	1/4	4,026.80	1/4	4,235.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,403.57	1/2	3,612.91	1/2	3,822.25	1/2	4,031.14	1/2	4,239.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,407.93	3/4	3,617.27	3/4	3,826.61	3/4	4,035.48	3/4	4,243.91	3/4		3/4		3/4		3/4		3/4	
1	3,412.29	1	3,621.63	1	3,830.97	1	4,039.83	1	4,248.25	1		1		1		1		1	
1/4	3,416.65	1/4	3,625.99	1/4	3,835.33	1/4	4,044.17	1/4	4,252.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,421.02	1/2	3,630.35	1/2	3,839.69	1/2	4,048.51	1/2	4,256.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,425.38	3/4	3,634.71	3/4	3,844.05	3/4	4,052.85	3/4	4,261.28	3/4		3/4		3/4		3/4		3/4	
2	3,429.74	2	3,639.08	2	3,848.41	2	4,057.19	2	4,265.62	2		2		2		2		2	
1/4	3,434.10	1/4	3,643.44	1/4	3,852.77	1/4	4,061.54	1/4	4,269.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,438.46	1/2	3,647.80	1/2	3,857.14	1/2	4,065.88	1/2	4,274.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,442.82	3/4	3,652.16	3/4	3,861.50	3/4	4,070.22	3/4	4,278.63	3/4		3/4		3/4		3/4		3/4	
3	3,447.18	3	3,656.52	3	3,865.86	3	4,074.56	3	4,282.95	3		3		3		3		3	
1/4	3,451.54	1/4	3,660.88	1/4	3,870.22	1/4	4,078.90	1/4	4,287.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,455.91	1/2	3,665.24	1/2	3,874.58	1/2	4,083.25	1/2	4,291.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,460.27	3/4	3,669.60	3/4	3,878.94	3/4	4,087.59	3/4	4,295.89	3/4		3/4		3/4		3/4		3/4	
4	3,464.63	4	3,673.97	4	3,883.30	4	4,091.93	4	4,300.20	4		4		4		4		4	
1/4	3,468.99	1/4	3,678.33	1/4	3,887.66	1/4	4,096.27	1/4	4,304.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,473.35	1/2	3,682.69	1/2	3,892.03	1/2	4,100.62	1/2	4,308.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,477.71	3/4	3,687.05	3/4	3,896.39	3/4	4,104.96	3/4	4,313.15	3/4		3/4		3/4		3/4		3/4	
5	3,482.07	5	3,691.41	5	3,900.75	5	4,109.30	5	4,317.46	5		5		5		5		5	
1/4	3,486.43	1/4	3,695.77	1/4	3,905.11	1/4	4,113.64	1/4	4,321.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,490.80	1/2	3,700.13	1/2	3,909.47	1/2	4,117.98	1/2	4,326.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,495.16	3/4	3,704.49	3/4	3,913.83	3/4	4,122.33	3/4	4,330.38	3/4		3/4		3/4		3/4		3/4	
6	3,499.52	6	3,708.86	6	3,918.19	6	4,126.67	6	4,334.68	6		6		6		6		6	
1/4	3,503.88	1/4	3,713.22	1/4	3,922.55	1/4	4,131.01	1/4	4,338.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,508.24	1/2	3,717.58	1/2	3,926.92	1/2	4,135.35	1/2	4,343.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,512.60	3/4	3,721.94	3/4	3,931.27	3/4	4,139.70	3/4	4,347.56	3/4		3/4		3/4		3/4		3/4	
7	3,516.96	7	3,726.30	7	3,935.61	7	4,144.04	7	4,351.81	7		7		7		7		7	
1/4	3,521.32	1/4	3,730.66	1/4	3,939.95	1/4	4,148.38	1/4	4,356.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,525.68	1/2	3,735.02	1/2	3,944.30	1/2	4,152.72	1/2	4,360.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,530.05	3/4	3,739.38	3/4	3,948.64	3/4	4,157.06	3/4	4,364.13	3/4		3/4		3/4		3/4		3/4	
8	3,534.41	8	3,743.74	8	3,952.98	8	4,161.41	8	4,367.56	8		8		8		8		8	
1/4	3,538.77	1/4	3,748.11	1/4	3,957.32	1/4	4,165.75	1/4	4,370.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,543.13	1/2	3,752.47	1/2	3,961.67	1/2	4,170.09	1/2	4,374.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,547.49	3/4	3,756.83	3/4	3,966.01	3/4	4,174.43	3/4	4,377.25	3/4		3/4		3/4		3/4		3/4	
9	3,551.85	9	3,761.19	9	3,970.35	9	4,178.78	9	4,379.49	9		9		9		9		9	
1/4	3,556.21	1/4	3,765.55	1/4	3,974.69	1/4	4,183.12	1/4	4,381.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,560.57	1/2	3,769.91	1/2	3,979.03	1/2	4,187.46	1/2	4,383.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,564.94	3/4	3,774.27	3/4	3,983.38	3/4	4,191.80	3/4	4,385.94	3/4		3/4		3/4		3/4		3/4	
10	3,569.30	10	3,778.63	10	3,987.72	10	4,196.14	10	4,387.64	10		10		10		10		10	
1/4	3,573.66	1/4	3,783.00	1/4	3,992.06	1/4	4,200.49	1/4	4,389.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,578.02	1/2	3,787.36	1/2	3,996.40	1/2	4,204.83	1/2	4,391.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,582.38	3/4	3,791.72	3/4	4,000.75	3/4	4,209.17	3/4	4,391.90	3/4		3/4		3/4		3/4		3/4	
11	3,586.74	11	3,796.08	11	4,005.09	11	4,213.51	11		11		11		11		11		11	
1/4	3,591.10	1/4	3,800.44	1/4	4,009.43	1/4	4,217.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,595.46	1/2	3,804.80	1/2	4,013.77	1/2	4,222.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,599.83	3/4	3,809.16	3/4	4,018.11	3/4	4,226.54	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES  
ALL PRIOR TO 0/2022



# BARGE "MPX 427"

## ULLAGE (HERMETIC)

	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	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
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 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 1 PORT IS - 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

January 14, 2022

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

<http://www.pmacorp.net>



# BARGE "MPX 427"

## 1 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-04 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. 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	4,870.79	0	4,530.55	0	4,189.68	0	3,847.50	0	3,505.34	0	3,163.25	0	2,821.12	0	2,478.93
1/4		1/4		1/4	4,863.74	1/4	4,523.45	1/4	4,182.55	1/4	3,840.37	1/4	3,498.22	1/4	3,156.13	1/4	2,813.99	1/4	2,471.80
1/2		1/2		1/2	4,856.68	1/2	4,516.35	1/2	4,175.42	1/2	3,833.24	1/2	3,491.09	1/2	3,149.00	1/2	2,806.86	1/2	2,464.67
3/4		3/4		3/4	4,849.63	3/4	4,509.26	3/4	4,168.29	3/4	3,826.11	3/4	3,483.96	3/4	3,141.87	3/4	2,799.73	3/4	2,457.54
1		1		1	4,842.58	1	4,502.16	1	4,161.16	1	3,818.98	1	3,476.84	1	3,134.74	1	2,792.60	1	2,450.41
1/4		1/4		1/4	4,835.53	1/4	4,495.06	1/4	4,154.04	1/4	3,811.85	1/4	3,469.71	1/4	3,127.62	1/4	2,785.48	1/4	2,443.28
1/2		1/2		1/2	4,828.48	1/2	4,487.97	1/2	4,146.91	1/2	3,804.72	1/2	3,462.58	1/2	3,120.49	1/2	2,778.35	1/2	2,436.15
3/4		3/4		3/4	4,821.43	3/4	4,480.87	3/4	4,139.78	3/4	3,797.60	3/4	3,455.46	3/4	3,113.36	3/4	2,771.22	3/4	2,429.02
2		2		2	4,814.38	2	4,473.78	2	4,132.65	2	3,790.47	2	3,448.33	2	3,106.24	2	2,764.09	2	2,421.90
1/4		1/4		1/4	4,807.30	1/4	4,466.68	1/4	4,125.52	1/4	3,783.34	1/4	3,441.20	1/4	3,099.11	1/4	2,756.96	1/4	2,414.77
1/2		1/2		1/2	4,800.21	1/2	4,459.58	1/2	4,118.39	1/2	3,776.21	1/2	3,434.07	1/2	3,091.98	1/2	2,749.83	1/2	2,407.64
3/4		3/4		3/4	4,793.11	3/4	4,452.49	3/4	4,111.26	3/4	3,769.08	3/4	3,426.95	3/4	3,084.86	3/4	2,742.70	3/4	2,400.51
3		3		3	4,786.01	3	4,445.39	3	4,104.13	3	3,761.95	3	3,419.82	3	3,077.73	3	2,735.57	3	2,393.38
1/4		1/4		1/4	4,778.92	1/4	4,438.29	1/4	4,097.01	1/4	3,754.82	1/4	3,412.69	1/4	3,070.60	1/4	2,728.45	1/4	2,386.25
1/2		1/2		1/2	4,771.82	1/2	4,431.20	1/2	4,089.88	1/2	3,747.69	1/2	3,405.57	1/2	3,063.48	1/2	2,721.32	1/2	2,379.12
3/4		3/4		3/4	4,764.72	3/4	4,424.10	3/4	4,082.75	3/4	3,740.57	3/4	3,398.44	3/4	3,056.35	3/4	2,714.19	3/4	2,371.99
4		4		4	4,757.63	4	4,417.01	4	4,075.62	4	3,733.44	4	3,391.31	4	3,049.22	4	2,707.06	4	2,364.86
1/4		1/4		1/4	4,750.53	1/4	4,409.91	1/4	4,068.49	1/4	3,726.31	1/4	3,384.19	1/4	3,042.10	1/4	2,699.93	1/4	2,357.73
1/2		1/2		1/2	4,743.44	1/2	4,402.81	1/2	4,061.36	1/2	3,719.18	1/2	3,377.06	1/2	3,034.97	1/2	2,692.80	1/2	2,350.60
3/4		3/4		3/4	4,736.34	3/4	4,395.72	3/4	4,054.23	3/4	3,712.05	3/4	3,369.93	3/4	3,027.84	3/4	2,685.67	3/4	2,343.47
5		5		5	4,729.24	5	4,388.62	5	4,047.10	5	3,704.92	5	3,362.81	5	3,020.71	5	2,678.54	5	2,336.34
1/4		1/4		1/4	4,722.15	1/4	4,381.52	1/4	4,039.97	1/4	3,697.79	1/4	3,355.68	1/4	3,013.59	1/4	2,671.42	1/4	2,329.21
1/2		1/2		1/2	4,715.05	1/2	4,374.43	1/2	4,032.85	1/2	3,690.66	1/2	3,348.55	1/2	3,006.46	1/2	2,664.29	1/2	2,322.09
3/4		3/4		3/4	4,707.95	3/4	4,367.33	3/4	4,025.72	3/4	3,683.53	3/4	3,341.43	3/4	2,999.33	3/4	2,657.16	3/4	2,314.96
6		6	5,011.21	6	4,700.86	6	4,360.23	6	4,018.59	6	3,676.41	6	3,334.30	6	2,992.21	6	2,650.03	6	2,307.83
1/4		1/4	5,009.32	1/4	4,693.76	1/4	4,353.14	1/4	4,011.46	1/4	3,669.28	1/4	3,327.17	1/4	2,985.08	1/4	2,642.90	1/4	2,300.70
1/2		1/2	5,005.53	1/2	4,686.66	1/2	4,346.04	1/2	4,004.33	1/2	3,662.15	1/2	3,320.04	1/2	2,977.95	1/2	2,635.77	1/2	2,293.57
3/4		3/4	5,001.75	3/4	4,679.57	3/4	4,338.95	3/4	3,997.20	3/4	3,655.02	3/4	3,312.92	3/4	2,970.82	3/4	2,628.64	3/4	2,286.44
7		7	4,997.97	7	4,672.47	7	4,331.85	7	3,990.07	7	3,647.89	7	3,305.79	7	2,963.69	7	2,621.52	7	2,279.31
1/4		1/4	4,993.59	1/4	4,665.38	1/4	4,324.75	1/4	3,982.94	1/4	3,640.76	1/4	3,298.66	1/4	2,956.56	1/4	2,614.39	1/4	2,272.18
1/2		1/2	4,988.62	1/2	4,658.28	1/2	4,317.66	1/2	3,975.82	1/2	3,633.63	1/2	3,291.54	1/2	2,949.44	1/2	2,607.26	1/2	2,265.05
3/4		3/4	4,983.64	3/4	4,651.18	3/4	4,310.56	3/4	3,968.69	3/4	3,626.50	3/4	3,284.41	3/4	2,942.31	3/4	2,600.13	3/4	2,257.92
8		8	4,978.67	8	4,644.09	8	4,303.46	8	3,961.56	8	3,619.38	8	3,277.28	8	2,935.18	8	2,593.00	8	2,250.79
1/4		1/4	4,973.11	1/4	4,636.99	1/4	4,296.37	1/4	3,954.43	1/4	3,612.25	1/4	3,270.16	1/4	2,928.05	1/4	2,585.87	1/4	2,243.66
1/2		1/2	4,966.95	1/2	4,629.89	1/2	4,289.27	1/2	3,947.30	1/2	3,605.12	1/2	3,263.03	1/2	2,920.92	1/2	2,578.74	1/2	2,236.53
3/4		3/4	4,960.79	3/4	4,622.80	3/4	4,282.18	3/4	3,940.17	3/4	3,597.99	3/4	3,255.90	3/4	2,913.79	3/4	2,571.61	3/4	2,229.40
9		9	4,954.63	9	4,615.70	9	4,275.08	9	3,933.04	9	3,590.87	9	3,248.78	9	2,906.66	9	2,564.48	9	2,222.27
1/4		1/4	4,948.05	1/4	4,608.61	1/4	4,267.98	1/4	3,925.91	1/4	3,583.74	1/4	3,241.65	1/4	2,899.53	1/4	2,557.35	1/4	2,215.15
1/2		1/2	4,941.07	1/2	4,601.51	1/2	4,260.89	1/2	3,918.79	1/2	3,576.61	1/2	3,234.52	1/2	2,892.41	1/2	2,550.22	1/2	2,208.02
3/4		3/4	4,934.09	3/4	4,594.41	3/4	4,253.79	3/4	3,911.66	3/4	3,569.49	3/4	3,227.39	3/4	2,885.28	3/4	2,543.09	3/4	2,200.89
10		10	4,927.11	10	4,587.32	10	4,246.69	10	3,904.53	10	3,562.36	10	3,220.27	10	2,878.15	10	2,535.96	10	2,193.76
1/4		1/4	4,920.10	1/4	4,580.22	1/4	4,239.58	1/4	3,897.40	1/4	3,555.23	1/4	3,213.14	1/4	2,871.02	1/4	2,528.83	1/4	2,186.63
1/2		1/2	4,913.06	1/2	4,573.12	1/2	4,232.45	1/2	3,890.27	1/2	3,548.11	1/2	3,206.01	1/2	2,863.89	1/2	2,521.71	1/2	2,179.50
3/4		3/4	4,906.02	3/4	4,566.03	3/4	4,225.32	3/4	3,883.14	3/4	3,540.98	3/4	3,198.89	3/4	2,856.76	3/4	2,514.58	3/4	2,172.37
11		11	4,898.98	11	4,558.93	11	4,218.19	11	3,876.01	11	3,533.85	11	3,191.76	11	2,849.63	11	2,507.45	11	2,165.24
1/4		1/4	4,891.94	1/4	4,551.83	1/4	4,211.07	1/4	3,868.88	1/4	3,526.72	1/4	3,184.63	1/4	2,842.51	1/4	2,500.32	1/4	2,158.11
1/2		1/2	4,884.89	1/2	4,544.74	1/2	4,203.94	1/2	3,861.75	1/2	3,519.60	1/2	3,177.51	1/2	2,835.38	1/2	2,493.19	1/2	2,150.98
3/4		3/4	4,877.84	3/4	4,537.64	3/4	4,196.81	3/4	3,854.63	3/4	3,512.47	3/4	3,170.38	3/4	2,828.25	3/4	2,486.06	3/4	2,143.85

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 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'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "MPX 427"

**1 PORT**  
**ULLAGE TABLE**  
**HERMETIC**  
**GAUGE HEIGHT 16'-04 3/4"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,136.72	0	1,794.52	0	1,452.31	0	1,110.10	0	770.36	0	428.97	0	118.26	0		0		0	
1/4	2,129.59	1/4	1,787.39	1/4	1,445.18	1/4	1,102.97	1/4	763.27	1/4	422.01	1/4	112.30	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,122.46	1/2	1,780.26	1/2	1,438.05	1/2	1,095.85	1/2	756.18	1/2	415.09	1/2	106.38	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,115.34	3/4	1,773.13	3/4	1,430.92	3/4	1,088.72	3/4	749.08	3/4	408.17	3/4	100.46	3/4	3/4	3/4	3/4	3/4	3/4
1	2,108.21	1	1,766.00	1	1,423.79	1	1,081.59	1	741.99	1	401.25	1	94.54	1	1	1	1	1	1
1/4	2,101.08	1/4	1,758.87	1/4	1,416.66	1/4	1,074.47	1/4	734.87	1/4	394.37	1/4	88.67	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,093.95	1/2	1,751.74	1/2	1,409.53	1/2	1,067.38	1/2	727.75	1/2	387.53	1/2	82.84	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,086.82	3/4	1,744.61	3/4	1,402.41	3/4	1,060.28	3/4	720.62	3/4	380.69	3/4	77.01	3/4	3/4	3/4	3/4	3/4	3/4
2	2,079.69	2	1,737.48	2	1,395.28	2	1,053.19	2	713.49	2	373.85	2	71.18	2	2	2	2	2	2
1/4	2,072.56	1/4	1,730.35	1/4	1,388.15	1/4	1,046.10	1/4	706.36	1/4	367.06	1/4	65.41	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,065.43	1/2	1,723.22	1/2	1,381.02	1/2	1,039.03	1/2	699.23	1/2	360.30	1/2	59.69	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,058.30	3/4	1,716.09	3/4	1,373.89	3/4	1,031.95	3/4	692.10	3/4	353.55	3/4	53.97	3/4	3/4	3/4	3/4	3/4	3/4
3	2,051.17	3	1,708.97	3	1,366.76	3	1,024.87	3	684.97	3	346.80	3	48.26	3	3	3	3	3	3
1/4	2,044.04	1/4	1,701.84	1/4	1,359.63	1/4	1,017.80	1/4	677.84	1/4	340.08	1/4	43.01	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,036.91	1/2	1,694.71	1/2	1,352.50	1/2	1,010.73	1/2	670.71	1/2	333.41	1/2	38.23	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,029.78	3/4	1,687.58	3/4	1,345.37	3/4	1,003.66	3/4	663.58	3/4	326.74	3/4	33.45	3/4	3/4	3/4	3/4	3/4	3/4
4	2,022.65	4	1,680.45	4	1,338.24	4	996.59	4	656.46	4	320.07	4	28.67	4	4	4	4	4	4
1/4	2,015.53	1/4	1,673.32	1/4	1,331.11	1/4	989.52	1/4	649.33	1/4	313.44	1/4	24.82	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,008.40	1/2	1,666.19	1/2	1,323.98	1/2	982.45	1/2	642.20	1/2	306.85	1/2	21.91	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,001.27	3/4	1,659.06	3/4	1,316.85	3/4	975.38	3/4	635.07	3/4	300.27	3/4	19.00	3/4	3/4	3/4	3/4	3/4	3/4
5	1,994.14	5	1,651.93	5	1,309.72	5	968.32	5	627.94	5	293.68	5		5	5	5	5	5	5
1/4	1,987.01	1/4	1,644.80	1/4	1,302.60	1/4	961.25	1/4	620.81	1/4	287.13	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,979.88	1/2	1,637.67	1/2	1,295.47	1/2	954.18	1/2	613.68	1/2	280.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,972.75	3/4	1,630.54	3/4	1,288.34	3/4	947.11	3/4	606.55	3/4	274.12	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,965.62	6	1,623.41	6	1,281.21	6	940.04	6	599.42	6	267.62	6		6	6	6	6	6	6
1/4	1,958.49	1/4	1,616.28	1/4	1,274.08	1/4	932.97	1/4	592.29	1/4	261.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,951.36	1/2	1,609.16	1/2	1,266.95	1/2	925.90	1/2	585.17	1/2	254.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,944.23	3/4	1,602.03	3/4	1,259.82	3/4	918.83	3/4	578.04	3/4	248.31	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,937.10	7	1,594.90	7	1,252.69	7	911.76	7	570.91	7	241.89	7		7	7	7	7	7	7
1/4	1,929.97	1/4	1,587.77	1/4	1,245.56	1/4	904.69	1/4	563.78	1/4	235.51	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,922.84	1/2	1,580.64	1/2	1,238.43	1/2	897.63	1/2	556.65	1/2	229.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,915.72	3/4	1,573.51	3/4	1,231.30	3/4	890.56	3/4	549.52	3/4	222.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,908.59	8	1,566.38	8	1,224.17	8	883.49	8	542.39	8	216.50	8		8	8	8	8	8	8
1/4	1,901.46	1/4	1,559.25	1/4	1,217.04	1/4	876.42	1/4	535.26	1/4	210.20	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,894.33	1/2	1,552.12	1/2	1,209.91	1/2	869.35	1/2	528.13	1/2	203.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,887.20	3/4	1,544.99	3/4	1,202.79	3/4	862.28	3/4	521.00	3/4	197.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,880.07	9	1,537.86	9	1,195.66	9	855.21	9	513.88	9	191.44	9		9	9	9	9	9	9
1/4	1,872.94	1/4	1,530.73	1/4	1,188.53	1/4	848.14	1/4	506.75	1/4	185.23	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,865.81	1/2	1,523.60	1/2	1,181.40	1/2	841.08	1/2	499.62	1/2	179.06	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,858.68	3/4	1,516.47	3/4	1,174.27	3/4	834.01	3/4	492.49	3/4	172.89	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,851.55	10	1,509.34	10	1,167.14	10	826.94	10	485.36	10	166.71	10		10	10	10	10	10	10
1/4	1,844.42	1/4	1,502.22	1/4	1,160.01	1/4	819.87	1/4	478.25	1/4	160.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,837.29	1/2	1,495.09	1/2	1,152.88	1/2	812.80	1/2	471.17	1/2	154.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,830.16	3/4	1,487.96	3/4	1,145.75	3/4	805.73	3/4	464.09	3/4	148.41	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,823.03	11	1,480.83	11	1,138.62	11	798.66	11	457.01	11	142.32	11		11	11	11	11	11	11
1/4	1,815.90	1/4	1,473.70	1/4	1,131.49	1/4	791.59	1/4	449.97	1/4	136.28	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,808.78	1/2	1,466.57	1/2	1,124.36	1/2	784.51	1/2	442.97	1/2	130.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,801.65	3/4	1,459.44	3/4	1,117.23	3/4	777.44	3/4	435.97	3/4	124.27	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
 CALCULATED: 01/13/2022 CL  
 PRINTED: 01/14/2022 JS

PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
 ALL PRIOR TO 0/2022



# BARGE "MPX 427"

## 1 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-04 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. 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	4,870.91	0	4,530.83	0	4,190.12	0	3,848.09	0	3,506.09	0	3,164.15	0	2,822.17	0	2,480.13
1/4		1/4		1/4	4,863.87	1/4	4,523.73	1/4	4,182.99	1/4	3,840.96	1/4	3,498.96	1/4	3,157.03	1/4	2,815.04	1/4	2,473.01
1/2		1/2		1/2	4,856.82	1/2	4,516.64	1/2	4,175.86	1/2	3,833.84	1/2	3,491.84	1/2	3,149.90	1/2	2,807.92	1/2	2,465.88
3/4		3/4		3/4	4,849.77	3/4	4,509.55	3/4	4,168.74	3/4	3,826.71	3/4	3,484.72	3/4	3,142.78	3/4	2,800.79	3/4	2,458.76
1		1		1	4,842.72	1	4,502.46	1	4,161.61	1	3,819.58	1	3,477.59	1	3,135.65	1	2,793.67	1	2,451.63
1/4		1/4		1/4	4,835.67	1/4	4,495.36	1/4	4,154.49	1/4	3,812.46	1/4	3,470.47	1/4	3,128.53	1/4	2,786.54	1/4	2,444.50
1/2		1/2		1/2	4,828.63	1/2	4,488.27	1/2	4,147.36	1/2	3,805.33	1/2	3,463.34	1/2	3,121.41	1/2	2,779.42	1/2	2,437.38
3/4		3/4		3/4	4,821.58	3/4	4,481.18	3/4	4,140.24	3/4	3,798.21	3/4	3,456.22	3/4	3,114.28	3/4	2,772.29	3/4	2,430.25
2		2		2	4,814.53	2	4,474.08	2	4,133.11	2	3,791.08	2	3,449.10	2	3,107.16	2	2,765.17	2	2,423.12
1/4		1/4		1/4	4,807.46	1/4	4,466.99	1/4	4,125.99	1/4	3,783.96	1/4	3,441.97	1/4	3,100.04	1/4	2,758.04	1/4	2,416.00
1/2		1/2		1/2	4,800.37	1/2	4,459.90	1/2	4,118.86	1/2	3,776.83	1/2	3,434.85	1/2	3,092.91	1/2	2,750.91	1/2	2,408.87
3/4		3/4		3/4	4,793.27	3/4	4,452.80	3/4	4,111.73	3/4	3,769.71	3/4	3,427.73	3/4	3,085.79	3/4	2,743.79	3/4	2,401.75
3		3		3	4,786.18	3	4,445.71	3	4,104.61	3	3,762.58	3	3,420.60	3	3,078.66	3	2,736.66	3	2,394.62
1/4		1/4		1/4	4,779.09	1/4	4,438.62	1/4	4,097.48	1/4	3,755.45	1/4	3,413.48	1/4	3,071.54	1/4	2,729.54	1/4	2,387.49
1/2		1/2		1/2	4,771.99	1/2	4,431.52	1/2	4,090.36	1/2	3,748.33	1/2	3,406.36	1/2	3,064.42	1/2	2,722.41	1/2	2,380.37
3/4		3/4		3/4	4,764.90	3/4	4,424.43	3/4	4,083.23	3/4	3,741.20	3/4	3,399.23	3/4	3,057.29	3/4	2,715.29	3/4	2,373.24
4		4		4	4,757.81	4	4,417.34	4	4,076.11	4	3,734.08	4	3,392.11	4	3,050.17	4	2,708.16	4	2,366.12
1/4		1/4		1/4	4,750.71	1/4	4,410.25	1/4	4,068.98	1/4	3,726.95	1/4	3,384.98	1/4	3,043.05	1/4	2,701.04	1/4	2,358.99
1/2		1/2		1/2	4,743.62	1/2	4,403.15	1/2	4,061.85	1/2	3,719.83	1/2	3,377.86	1/2	3,035.92	1/2	2,693.91	1/2	2,351.86
3/4		3/4		3/4	4,736.53	3/4	4,396.06	3/4	4,054.73	3/4	3,712.70	3/4	3,370.74	3/4	3,028.80	3/4	2,686.78	3/4	2,344.74
5		5		5	4,729.43	5	4,388.97	5	4,047.60	5	3,705.57	5	3,363.61	5	3,021.68	5	2,679.66	5	2,337.61
1/4		1/4		1/4	4,722.34	1/4	4,381.87	1/4	4,040.48	1/4	3,698.45	1/4	3,356.49	1/4	3,014.55	1/4	2,672.53	1/4	2,330.49
1/2		1/2		1/2	4,715.25	1/2	4,374.78	1/2	4,033.35	1/2	3,691.32	1/2	3,349.37	1/2	3,007.43	1/2	2,665.41	1/2	2,323.36
3/4		3/4		3/4	4,708.16	3/4	4,367.69	3/4	4,026.23	3/4	3,684.20	3/4	3,342.24	3/4	3,000.30	3/4	2,658.28	3/4	2,316.23
6		6	5,011.27	6	4,701.06	6	4,360.59	6	4,019.10	6	3,677.07	6	3,335.12	6	2,993.18	6	2,651.16	6	2,309.11
1/4		1/4	5,009.38	1/4	4,693.97	1/4	4,353.50	1/4	4,011.98	1/4	3,669.95	1/4	3,327.99	1/4	2,986.06	1/4	2,644.03	1/4	2,301.98
1/2		1/2	5,005.60	1/2	4,686.88	1/2	4,346.41	1/2	4,004.85	1/2	3,662.82	1/2	3,320.87	1/2	2,978.93	1/2	2,636.91	1/2	2,294.86
3/4		3/4	5,001.81	3/4	4,679.78	3/4	4,339.31	3/4	3,997.72	3/4	3,655.70	3/4	3,313.75	3/4	2,971.80	3/4	2,629.78	3/4	2,287.73
7		7	4,998.03	7	4,672.69	7	4,332.22	7	3,990.60	7	3,648.57	7	3,306.62	7	2,964.68	7	2,622.66	7	2,280.60
1/4		1/4	4,993.66	1/4	4,665.60	1/4	4,325.13	1/4	3,983.47	1/4	3,641.44	1/4	3,299.50	1/4	2,957.55	1/4	2,615.53	1/4	2,273.48
1/2		1/2	4,988.69	1/2	4,658.50	1/2	4,318.04	1/2	3,976.35	1/2	3,634.32	1/2	3,292.38	1/2	2,950.43	1/2	2,608.40	1/2	2,266.35
3/4		3/4	4,983.72	3/4	4,651.41	3/4	4,310.94	3/4	3,969.22	3/4	3,627.19	3/4	3,285.25	3/4	2,943.30	3/4	2,601.28	3/4	2,259.22
8		8	4,978.75	8	4,644.32	8	4,303.85	8	3,962.10	8	3,620.07	8	3,278.13	8	2,936.18	8	2,594.15	8	2,252.10
1/4		1/4	4,973.18	1/4	4,637.22	1/4	4,296.76	1/4	3,954.97	1/4	3,612.94	1/4	3,271.00	1/4	2,929.05	1/4	2,587.03	1/4	2,244.97
1/2		1/2	4,967.03	1/2	4,630.13	1/2	4,289.66	1/2	3,947.85	1/2	3,605.82	1/2	3,263.88	1/2	2,921.93	1/2	2,579.90	1/2	2,237.85
3/4		3/4	4,960.87	3/4	4,623.04	3/4	4,282.57	3/4	3,940.72	3/4	3,598.70	3/4	3,256.76	3/4	2,914.80	3/4	2,572.77	3/4	2,230.72
9		9	4,954.71	9	4,615.95	9	4,275.48	9	3,933.59	9	3,591.57	9	3,249.63	9	2,907.68	9	2,565.65	9	2,223.59
1/4		1/4	4,948.14	1/4	4,608.85	1/4	4,268.38	1/4	3,926.47	1/4	3,584.45	1/4	3,242.51	1/4	2,900.55	1/4	2,558.52	1/4	2,216.47
1/2		1/2	4,941.16	1/2	4,601.76	1/2	4,261.29	1/2	3,919.34	1/2	3,577.32	1/2	3,235.39	1/2	2,893.42	1/2	2,551.39	1/2	2,209.34
3/4		3/4	4,934.18	3/4	4,594.67	3/4	4,254.20	3/4	3,912.22	3/4	3,570.20	3/4	3,228.26	3/4	2,886.30	3/4	2,544.27	3/4	2,202.22
10		10	4,927.20	10	4,587.57	10	4,247.10	10	3,905.09	10	3,563.08	10	3,221.14	10	2,879.17	10	2,537.14	10	2,195.09
1/4		1/4	4,920.20	1/4	4,580.48	1/4	4,239.99	1/4	3,897.97	1/4	3,555.95	1/4	3,214.02	1/4	2,872.05	1/4	2,530.02	1/4	2,187.96
1/2		1/2	4,913.16	1/2	4,573.39	1/2	4,232.87	1/2	3,890.84	1/2	3,548.83	1/2	3,206.89	1/2	2,864.92	1/2	2,522.89	1/2	2,180.84
3/4		3/4	4,906.13	3/4	4,566.29	3/4	4,225.74	3/4	3,883.71	3/4	3,541.71	3/4	3,199.77	3/4	2,857.80	3/4	2,515.76	3/4	2,173.71
11		11	4,899.10	11	4,559.20	11	4,218.62	11	3,876.59	11	3,534.58	11	3,192.64	11	2,850.67	11	2,508.64	11	2,166.59
1/4		1/4	4,892.05	1/4	4,552.11	1/4	4,211.49	1/4	3,869.46	1/4	3,527.46	1/4	3,185.52	1/4	2,843.55	1/4	2,501.51	1/4	2,159.46
1/2		1/2	4,885.01	1/2	4,545.01	1/2	4,204.37	1/2	3,862.34	1/2	3,520.33	1/2	3,178.40	1/2	2,836.42	1/2	2,494.39	1/2	2,152.33
3/4		3/4	4,877.96	3/4	4,537.92	3/4	4,197.24	3/4	3,855.21	3/4	3,513.21	3/4	3,171.27	3/4	2,829.29	3/4	2,487.26	3/4	2,145.21

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 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'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "MPX 427"

## 1 STBD

### ULLAGE TABLE

### HERMETIC

### GAUGE HEIGHT 16'-04 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,138.08	0	1,796.03	0	1,453.98	0	1,111.92	0	770.16	0	428.73	0	118.18	0		0		0	
1/4	2,130.95	1/4	1,788.90	1/4	1,446.85	1/4	1,104.80	1/4	763.03	1/4	421.77	1/4	112.22	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,123.83	1/2	1,781.78	1/2	1,439.72	1/2	1,097.67	1/2	755.91	1/2	414.85	1/2	106.31	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,116.70	3/4	1,774.65	3/4	1,432.60	3/4	1,090.54	3/4	748.78	3/4	407.93	3/4	100.39	3/4	3/4	3/4	3/4	3/4	3/4
1	2,109.58	1	1,767.52	1	1,425.47	1	1,083.42	1	741.66	1	401.01	1	94.47	1	1	1	1	1	1
1/4	2,102.45	1/4	1,760.40	1/4	1,418.34	1/4	1,076.29	1/4	734.53	1/4	394.14	1/4	88.60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,095.32	1/2	1,753.27	1/2	1,411.22	1/2	1,069.17	1/2	727.41	1/2	387.30	1/2	82.78	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,088.20	3/4	1,746.15	3/4	1,404.09	3/4	1,062.04	3/4	720.28	3/4	380.47	3/4	76.96	3/4	3/4	3/4	3/4	3/4	3/4
2	2,081.07	2	1,739.02	2	1,396.97	2	1,054.91	2	713.15	2	373.63	2	71.13	2	2	2	2	2	2
1/4	2,073.95	1/4	1,731.89	1/4	1,389.84	1/4	1,047.79	1/4	706.03	1/4	366.84	1/4	65.36	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,066.82	1/2	1,724.77	1/2	1,382.71	1/2	1,040.66	1/2	698.90	1/2	360.09	1/2	59.65	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,059.69	3/4	1,717.64	3/4	1,375.59	3/4	1,033.54	3/4	691.78	3/4	353.34	3/4	53.93	3/4	3/4	3/4	3/4	3/4	3/4
3	2,052.57	3	1,710.51	3	1,368.46	3	1,026.41	3	684.65	3	346.59	3	48.22	3	3	3	3	3	3
1/4	2,045.44	1/4	1,703.39	1/4	1,361.34	1/4	1,019.29	1/4	677.52	1/4	339.88	1/4	42.97	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,038.32	1/2	1,696.26	1/2	1,354.21	1/2	1,012.17	1/2	670.40	1/2	333.21	1/2	38.20	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,031.19	3/4	1,689.14	3/4	1,347.08	3/4	1,005.06	3/4	663.27	3/4	326.55	3/4	33.42	3/4	3/4	3/4	3/4	3/4	3/4
4	2,024.06	4	1,682.01	4	1,339.96	4	997.94	4	656.15	4	319.88	4	28.65	4	4	4	4	4	4
1/4	2,016.94	1/4	1,674.88	1/4	1,332.83	1/4	990.82	1/4	649.02	1/4	313.25	1/4	24.80	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,009.81	1/2	1,667.76	1/2	1,325.71	1/2	983.70	1/2	641.90	1/2	306.67	1/2	21.89	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,002.69	3/4	1,660.63	3/4	1,318.58	3/4	976.59	3/4	634.77	3/4	300.08	3/4	18.98	3/4	3/4	3/4	3/4	3/4	3/4
5	1,995.56	5	1,653.51	5	1,311.45	5	969.47	5	627.64	5	293.50	5		5	5	5	5	5	5
1/4	1,988.43	1/4	1,646.38	1/4	1,304.33	1/4	962.35	1/4	620.52	1/4	286.96	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,981.31	1/2	1,639.25	1/2	1,297.20	1/2	955.23	1/2	613.39	1/2	280.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,974.18	3/4	1,632.13	3/4	1,290.08	3/4	948.12	3/4	606.27	3/4	273.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,967.05	6	1,625.00	6	1,282.95	6	941.00	6	599.14	6	267.45	6		6	6	6	6	6	6
1/4	1,959.93	1/4	1,617.88	1/4	1,275.82	1/4	933.88	1/4	592.02	1/4	261.00	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,952.80	1/2	1,610.75	1/2	1,268.70	1/2	926.77	1/2	584.89	1/2	254.58	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,945.68	3/4	1,603.62	3/4	1,261.57	3/4	919.65	3/4	577.76	3/4	248.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,938.55	7	1,596.50	7	1,254.44	7	912.53	7	570.64	7	241.74	7		7	7	7	7	7	7
1/4	1,931.42	1/4	1,589.37	1/4	1,247.32	1/4	905.41	1/4	563.51	1/4	235.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,924.30	1/2	1,582.25	1/2	1,240.19	1/2	898.30	1/2	556.39	1/2	229.03	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,917.17	3/4	1,575.12	3/4	1,233.07	3/4	891.18	3/4	549.26	3/4	222.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,910.05	8	1,567.99	8	1,225.94	8	884.06	8	542.13	8	216.36	8		8	8	8	8	8	8
1/4	1,902.92	1/4	1,560.87	1/4	1,218.81	1/4	876.95	1/4	535.01	1/4	210.07	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,895.79	1/2	1,553.74	1/2	1,211.69	1/2	869.83	1/2	527.88	1/2	203.82	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,888.67	3/4	1,546.61	3/4	1,204.56	3/4	862.71	3/4	520.76	3/4	197.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,881.54	9	1,539.49	9	1,197.44	9	855.59	9	513.63	9	191.32	9		9	9	9	9	9	9
1/4	1,874.42	1/4	1,532.36	1/4	1,190.31	1/4	848.48	1/4	506.51	1/4	185.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,867.29	1/2	1,525.24	1/2	1,183.18	1/2	841.36	1/2	499.38	1/2	178.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,860.16	3/4	1,518.11	3/4	1,176.06	3/4	834.24	3/4	492.25	3/4	172.77	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,853.04	10	1,510.98	10	1,168.93	10	827.13	10	485.13	10	166.61	10		10	10	10	10	10	10
1/4	1,845.91	1/4	1,503.86	1/4	1,161.81	1/4	820.01	1/4	478.02	1/4	160.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,838.78	1/2	1,496.73	1/2	1,154.68	1/2	812.89	1/2	470.94	1/2	154.40	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,831.66	3/4	1,489.61	3/4	1,147.55	3/4	805.78	3/4	463.85	3/4	148.31	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,824.53	11	1,482.48	11	1,140.43	11	798.66	11	456.77	11	142.23	11		11	11	11	11	11	11
1/4	1,817.41	1/4	1,475.35	1/4	1,133.30	1/4	791.54	1/4	449.73	1/4	136.18	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,810.28	1/2	1,468.23	1/2	1,126.17	1/2	784.41	1/2	442.73	1/2	130.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,803.15	3/4	1,461.10	3/4	1,119.05	3/4	777.29	3/4	435.73	3/4	124.18	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 0/2022



# BARGE "MPX 427"

## 2 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. 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	4,921.39	0	4,579.98	0	4,237.98	0	3,894.72	0	3,551.45	0	3,208.19	0	2,864.88	0	2,521.51
1/4		1/4		1/4	4,914.32	1/4	4,572.86	1/4	4,230.83	1/4	3,887.57	1/4	3,544.30	1/4	3,201.04	1/4	2,857.72	1/4	2,514.36
1/2		1/2		1/2	4,907.24	1/2	4,565.75	1/2	4,223.68	1/2	3,880.41	1/2	3,537.15	1/2	3,193.89	1/2	2,850.57	1/2	2,507.21
3/4		3/4		3/4	4,900.17	3/4	4,558.63	3/4	4,216.53	3/4	3,873.26	3/4	3,530.00	3/4	3,186.74	3/4	2,843.42	3/4	2,500.05
1		1		1	4,893.09	1	4,551.51	1	4,209.37	1	3,866.11	1	3,522.85	1	3,179.59	1	2,836.26	1	2,492.90
1/4		1/4		1/4	4,886.02	1/4	4,544.39	1/4	4,202.22	1/4	3,858.96	1/4	3,515.70	1/4	3,172.44	1/4	2,829.11	1/4	2,485.75
1/2		1/2		1/2	4,878.94	1/2	4,537.27	1/2	4,195.07	1/2	3,851.81	1/2	3,508.55	1/2	3,165.28	1/2	2,821.96	1/2	2,478.59
3/4		3/4		3/4	4,871.85	3/4	4,530.15	3/4	4,187.92	3/4	3,844.66	3/4	3,501.40	3/4	3,158.13	3/4	2,814.80	3/4	2,471.44
2		2		2	4,864.73	2	4,523.03	2	4,180.77	2	3,837.51	2	3,494.24	2	3,150.98	2	2,807.65	2	2,464.29
1/4		1/4		1/4	4,857.61	1/4	4,515.92	1/4	4,173.62	1/4	3,830.36	1/4	3,487.09	1/4	3,143.83	1/4	2,800.50	1/4	2,457.13
1/2		1/2		1/2	4,850.49	1/2	4,508.80	1/2	4,166.47	1/2	3,823.20	1/2	3,479.94	1/2	3,136.68	1/2	2,793.34	1/2	2,449.98
3/4		3/4		3/4	4,843.37	3/4	4,501.68	3/4	4,159.32	3/4	3,816.05	3/4	3,472.79	3/4	3,129.53	3/4	2,786.19	3/4	2,442.83
3		3		3	4,836.25	3	4,494.56	3	4,152.16	3	3,808.90	3	3,465.64	3	3,122.38	3	2,779.04	3	2,435.67
1/4		1/4		1/4	4,829.13	1/4	4,487.44	1/4	4,145.01	1/4	3,801.75	1/4	3,458.49	1/4	3,115.23	1/4	2,771.88	1/4	2,428.52
1/2		1/2		1/2	4,822.02	1/2	4,480.32	1/2	4,137.86	1/2	3,794.60	1/2	3,451.34	1/2	3,108.07	1/2	2,764.73	1/2	2,421.37
3/4		3/4		3/4	4,814.90	3/4	4,473.20	3/4	4,130.71	3/4	3,787.45	3/4	3,444.19	3/4	3,100.92	3/4	2,757.58	3/4	2,414.21
4		4		4	4,807.78	4	4,466.09	4	4,123.56	4	3,780.30	4	3,437.03	4	3,093.77	4	2,750.42	4	2,407.06
1/4		1/4		1/4	4,800.66	1/4	4,458.97	1/4	4,116.41	1/4	3,773.15	1/4	3,429.88	1/4	3,086.62	1/4	2,743.27	1/4	2,399.91
1/2		1/2		1/2	4,793.54	1/2	4,451.85	1/2	4,109.26	1/2	3,765.99	1/2	3,422.73	1/2	3,079.47	1/2	2,736.12	1/2	2,392.75
3/4		3/4		3/4	4,786.42	3/4	4,444.73	3/4	4,102.11	3/4	3,758.84	3/4	3,415.58	3/4	3,072.32	3/4	2,728.96	3/4	2,385.60
5		5		5	4,779.30	5	4,437.61	5	4,094.95	5	3,751.69	5	3,408.43	5	3,065.17	5	2,721.81	5	2,378.45
1/4		1/4		1/4	4,772.19	1/4	4,430.49	1/4	4,087.80	1/4	3,744.54	1/4	3,401.28	1/4	3,058.02	1/4	2,714.66	1/4	2,371.29
1/2		1/2		1/2	5,076.39	1/2	4,765.07	1/2	4,423.37	1/2	4,080.65	1/2	3,737.39	1/2	3,394.13	1/2	3,050.86	1/2	2,707.50
3/4		3/4		3/4	5,074.49	3/4	4,757.95	3/4	4,416.26	3/4	4,073.50	3/4	3,730.24	3/4	3,386.98	3/4	3,043.71	3/4	2,700.35
6		6		6	5,070.70	6	4,750.83	6	4,409.14	6	4,066.35	6	3,723.09	6	3,379.82	6	3,036.56	6	2,693.20
1/4		1/4		1/4	5,066.90	1/4	4,743.71	1/4	4,402.02	1/4	4,059.20	1/4	3,715.93	1/4	3,372.67	1/4	3,029.40	1/4	2,686.04
1/2		1/2		1/2	5,063.11	1/2	4,736.59	1/2	4,394.90	1/2	4,052.05	1/2	3,708.78	1/2	3,365.52	1/2	3,022.25	1/2	2,678.89
3/4		3/4		3/4	5,058.72	3/4	4,729.47	3/4	4,387.78	3/4	4,044.89	3/4	3,701.63	3/4	3,358.37	3/4	3,015.10	3/4	2,671.73
7		7		7	5,053.73	7	4,722.36	7	4,380.66	7	4,037.74	7	3,694.48	7	3,351.22	7	3,007.94	7	2,664.58
1/4		1/4		1/4	5,048.74	1/4	4,715.24	1/4	4,373.54	1/4	4,030.59	1/4	3,687.33	1/4	3,344.07	1/4	3,000.79	1/4	2,657.43
1/2		1/2		1/2	5,043.75	1/2	4,708.12	1/2	4,366.43	1/2	4,023.44	1/2	3,680.18	1/2	3,336.92	1/2	2,993.64	1/2	2,650.27
3/4		3/4		3/4	5,038.17	3/4	4,701.00	3/4	4,359.31	3/4	4,016.29	3/4	3,673.03	3/4	3,329.76	3/4	2,986.48	3/4	2,643.12
8		8		8	5,031.99	8	4,693.88	8	4,352.19	8	4,009.14	8	3,665.88	8	3,322.61	8	2,979.33	8	2,635.97
1/4		1/4		1/4	5,025.81	1/4	4,686.76	1/4	4,345.07	1/4	4,001.99	1/4	3,658.72	1/4	3,315.46	1/4	2,972.18	1/4	2,628.81
1/2		1/2		1/2	5,019.63	1/2	4,679.64	1/2	4,337.95	1/2	3,994.84	1/2	3,651.57	1/2	3,308.31	1/2	2,965.02	1/2	2,621.66
3/4		3/4		3/4	5,013.04	3/4	4,672.53	3/4	4,330.83	3/4	3,987.68	3/4	3,644.42	3/4	3,301.16	3/4	2,957.87	3/4	2,614.51
9		9		9	5,006.03	9	4,665.41	9	4,323.71	9	3,980.53	9	3,637.27	9	3,294.01	9	2,950.72	9	2,607.35
1/4		1/4		1/4	4,999.03	1/4	4,658.29	1/4	4,316.60	1/4	3,973.38	1/4	3,630.12	1/4	3,286.86	1/4	2,943.56	1/4	2,600.20
1/2		1/2		1/2	4,992.02	1/2	4,651.17	1/2	4,309.48	1/2	3,966.23	1/2	3,622.97	1/2	3,279.71	1/2	2,936.41	1/2	2,593.05
3/4		3/4		3/4	4,984.99	3/4	4,644.05	3/4	4,302.34	3/4	3,959.08	3/4	3,615.82	3/4	3,272.55	3/4	2,929.26	3/4	2,585.89
10		10		10	4,977.93	10	4,636.93	10	4,295.19	10	3,951.93	10	3,608.67	10	3,265.40	10	2,922.10	10	2,578.74
1/4		1/4		1/4	4,970.87	1/4	4,629.81	1/4	4,288.04	1/4	3,944.78	1/4	3,601.51	1/4	3,258.25	1/4	2,914.95	1/4	2,571.59
1/2		1/2		1/2	4,963.81	1/2	4,622.70	1/2	4,280.89	1/2	3,937.63	1/2	3,594.36	1/2	3,251.10	1/2	2,907.80	1/2	2,564.43
3/4		3/4		3/4	4,956.75	3/4	4,615.58	3/4	4,273.74	3/4	3,930.47	3/4	3,587.21	3/4	3,243.95	3/4	2,900.64	3/4	2,557.28
11		11		11	4,949.68	11	4,608.46	11	4,266.58	11	3,923.32	11	3,580.06	11	3,236.80	11	2,893.49	11	2,550.13
1/4		1/4		1/4	4,942.61	1/4	4,601.34	1/4	4,259.43	1/4	3,916.17	1/4	3,572.91	1/4	3,229.65	1/4	2,886.34	1/4	2,542.97
1/2		1/2		1/2	4,935.54	1/2	4,594.22	1/2	4,252.28	1/2	3,909.02	1/2	3,565.76	1/2	3,222.50	1/2	2,879.18	1/2	2,535.82
3/4		3/4		3/4	4,928.46	3/4	4,587.10	3/4	4,245.13	3/4	3,901.87	3/4	3,558.61	3/4	3,215.34	3/4	2,872.03	3/4	2,528.67

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 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'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "MPX 427"

## 2 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,178.15	0	1,834.79	0	1,491.42	0	1,148.06	0	818.50	0	475.85	0	132.51	0		0		0	
1/4	2,171.00	1/4	1,827.63	1/4	1,484.27	1/4	1,140.91	1/4	811.63	1/4	468.70	1/4	125.35	1/4	1/4	1/4		1/4	
1/2	2,163.84	1/2	1,820.48	1/2	1,477.12	1/2	1,133.75	1/2	804.75	1/2	461.55	1/2	118.20	1/2	1/2	1/2		1/2	
3/4	2,156.69	3/4	1,813.33	3/4	1,469.96	3/4	1,126.74	3/4	797.74	3/4	454.39	3/4	111.05	3/4	3/4	3/4		3/4	
1	2,149.54	1	1,806.17	1	1,462.81	1	1,119.87	1	790.59	1	447.24	1	103.91	1	1	1		1	
1/4	2,142.38	1/4	1,799.02	1/4	1,455.66	1/4	1,113.00	1/4	783.44	1/4	440.09	1/4	96.77	1/4	1/4	1/4		1/4	
1/2	2,135.23	1/2	1,791.87	1/2	1,448.50	1/2	1,106.13	1/2	776.28	1/2	432.93	1/2	89.63	1/2	1/2	1/2		1/2	
3/4	2,128.08	3/4	1,784.71	3/4	1,441.35	3/4	1,099.27	3/4	769.13	3/4	425.78	3/4	82.50	3/4	3/4	3/4		3/4	
2	2,120.92	2	1,777.56	2	1,434.20	2	1,092.41	2	761.98	2	418.63	2	75.38	2	2	2		2	
1/4	2,113.77	1/4	1,770.41	1/4	1,427.04	1/4	1,085.56	1/4	754.82	1/4	411.47	1/4	68.26	1/4	1/4	1/4		1/4	
1/2	2,106.62	1/2	1,763.25	1/2	1,419.89	1/2	1,078.70	1/2	747.67	1/2	404.32	1/2	61.15	1/2	1/2	1/2		1/2	
3/4	2,099.46	3/4	1,756.10	3/4	1,412.74	3/4	1,071.85	3/4	740.52	3/4	397.17	3/4	54.46	3/4	3/4	3/4		3/4	
3	2,092.31	3	1,748.95	3	1,405.58	3	1,065.01	3	733.36	3	390.02	3	48.20	3	3	3		3	
1/4	2,085.16	1/4	1,741.79	1/4	1,398.43	1/4	1,058.16	1/4	726.21	1/4	382.86	1/4	41.94	1/4	1/4	1/4		1/4	
1/2	2,078.00	1/2	1,734.64	1/2	1,391.28	1/2	1,051.32	1/2	719.06	1/2	375.71	1/2	35.69	1/2	1/2	1/2		1/2	
3/4	2,070.85	3/4	1,727.49	3/4	1,384.12	3/4	1,044.47	3/4	711.90	3/4	368.56	3/4	30.32	3/4	3/4	3/4		3/4	
4	2,063.70	4	1,720.33	4	1,376.97	4	1,037.63	4	704.75	4	361.40	4	25.85	4	4	4		4	
1/4	2,056.54	1/4	1,713.18	1/4	1,369.82	1/4	1,030.78	1/4	697.60	1/4	354.25	1/4	21.38	1/4	1/4	1/4		1/4	
1/2	2,049.39	1/2	1,706.03	1/2	1,362.66	1/2	1,023.94	1/2	690.45	1/2	347.10	1/2		1/2	1/2	1/2		1/2	
3/4	2,042.24	3/4	1,698.87	3/4	1,355.51	3/4	1,017.09	3/4	683.29	3/4	339.94	3/4		3/4	3/4	3/4		3/4	
5	2,035.08	5	1,691.72	5	1,348.36	5	1,010.24	5	676.14	5	332.79	5		5	5	5		5	
1/4	2,027.93	1/4	1,684.57	1/4	1,341.20	1/4	1,003.40	1/4	668.99	1/4	325.64	1/4		1/4	1/4	1/4		1/4	
1/2	2,020.78	1/2	1,677.41	1/2	1,334.05	1/2	996.55	1/2	661.83	1/2	318.48	1/2		1/2	1/2	1/2		1/2	
3/4	2,013.62	3/4	1,670.26	3/4	1,326.90	3/4	989.71	3/4	654.68	3/4	311.33	3/4		3/4	3/4	3/4		3/4	
6	2,006.47	6	1,663.11	6	1,319.74	6	982.86	6	647.53	6	304.18	6		6	6	6		6	
1/4	1,999.32	1/4	1,655.95	1/4	1,312.59	1/4	976.02	1/4	640.37	1/4	297.02	1/4		1/4	1/4	1/4		1/4	
1/2	1,992.16	1/2	1,648.80	1/2	1,305.44	1/2	969.17	1/2	633.22	1/2	289.87	1/2		1/2	1/2	1/2		1/2	
3/4	1,985.01	3/4	1,641.65	3/4	1,298.28	3/4	962.32	3/4	626.07	3/4	282.72	3/4		3/4	3/4	3/4		3/4	
7	1,977.86	7	1,634.49	7	1,291.13	7	955.48	7	618.91	7	275.57	7		7	7	7		7	
1/4	1,970.70	1/4	1,627.34	1/4	1,283.98	1/4	948.63	1/4	611.76	1/4	268.41	1/4		1/4	1/4	1/4		1/4	
1/2	1,963.55	1/2	1,620.19	1/2	1,276.82	1/2	941.79	1/2	604.61	1/2	261.26	1/2		1/2	1/2	1/2		1/2	
3/4	1,956.39	3/4	1,613.03	3/4	1,269.67	3/4	934.94	3/4	597.46	3/4	254.11	3/4		3/4	3/4	3/4		3/4	
8	1,949.24	8	1,605.88	8	1,262.52	8	928.10	8	590.30	8	246.95	8		8	8	8		8	
1/4	1,942.09	1/4	1,598.72	1/4	1,255.36	1/4	921.25	1/4	583.15	1/4	239.80	1/4		1/4	1/4	1/4		1/4	
1/2	1,934.93	1/2	1,591.57	1/2	1,248.21	1/2	914.40	1/2	576.00	1/2	232.65	1/2		1/2	1/2	1/2		1/2	
3/4	1,927.78	3/4	1,584.42	3/4	1,241.05	3/4	907.56	3/4	568.84	3/4	225.49	3/4		3/4	3/4	3/4		3/4	
9	1,920.63	9	1,577.26	9	1,233.90	9	900.71	9	561.69	9	218.34	9		9	9	9		9	
1/4	1,913.47	1/4	1,570.11	1/4	1,226.75	1/4	893.87	1/4	554.54	1/4	211.19	1/4		1/4	1/4	1/4		1/4	
1/2	1,906.32	1/2	1,562.96	1/2	1,219.59	1/2	887.02	1/2	547.38	1/2	204.03	1/2		1/2	1/2	1/2		1/2	
3/4	1,899.17	3/4	1,555.80	3/4	1,212.44	3/4	880.18	3/4	540.23	3/4	196.88	3/4		3/4	3/4	3/4		3/4	
10	1,892.01	10	1,548.65	10	1,205.29	10	873.33	10	533.08	10	189.73	10		10	10	10		10	
1/4	1,884.86	1/4	1,541.50	1/4	1,198.13	1/4	866.49	1/4	525.92	1/4	182.58	1/4		1/4	1/4	1/4		1/4	
1/2	1,877.71	1/2	1,534.34	1/2	1,190.98	1/2	859.64	1/2	518.77	1/2	175.42	1/2		1/2	1/2	1/2		1/2	
3/4	1,870.55	3/4	1,527.19	3/4	1,183.83	3/4	852.79	3/4	511.62	3/4	168.27	3/4		3/4	3/4	3/4		3/4	
11	1,863.40	11	1,520.04	11	1,176.67	11	845.94	11	504.46	11	161.12	11		11	11	11		11	
1/4	1,856.25	1/4	1,512.88	1/4	1,169.52	1/4	839.08	1/4	497.31	1/4	153.96	1/4		1/4	1/4	1/4		1/4	
1/2	1,849.09	1/2	1,505.73	1/2	1,162.37	1/2	832.23	1/2	490.16	1/2	146.81	1/2		1/2	1/2	1/2		1/2	
3/4	1,841.94	3/4	1,498.58	3/4	1,155.21	3/4	825.37	3/4	483.01	3/4	139.66	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 0/2022



# BARGE "MPX 427"

## 2 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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		0	4,929.96	0	4,588.86	0	4,247.16	0	3,904.20	0	3,561.28	0	3,218.42	0	2,875.50	0	2,532.54
1/4		1/4		1/4	4,922.89	1/4	4,581.75	1/4	4,240.01	1/4	3,897.05	1/4	3,554.13	1/4	3,211.27	1/4	2,868.36	1/4	2,525.40
1/2		1/2		1/2	4,915.82	1/2	4,574.64	1/2	4,232.87	1/2	3,889.91	1/2	3,546.99	1/2	3,204.13	1/2	2,861.21	1/2	2,518.25
3/4		3/4		3/4	4,908.76	3/4	4,567.52	3/4	4,225.72	3/4	3,882.76	3/4	3,539.85	3/4	3,196.99	3/4	2,854.07	3/4	2,511.11
1		1		1	4,901.69	1	4,560.41	1	4,218.58	1	3,875.62	1	3,532.70	1	3,189.84	1	2,846.92	1	2,503.96
1/4		1/4		1/4	4,894.62	1/4	4,553.30	1/4	4,211.43	1/4	3,868.47	1/4	3,525.56	1/4	3,182.70	1/4	2,839.78	1/4	2,496.82
1/2		1/2		1/2	4,887.56	1/2	4,546.19	1/2	4,204.29	1/2	3,861.33	1/2	3,518.42	1/2	3,175.56	1/2	2,832.63	1/2	2,489.67
3/4		3/4		3/4	4,880.46	3/4	4,539.07	3/4	4,197.14	3/4	3,854.18	3/4	3,511.28	3/4	3,168.42	3/4	2,825.49	3/4	2,482.53
2		2		2	4,873.35	2	4,531.96	2	4,190.00	2	3,847.04	2	3,504.13	2	3,161.27	2	2,818.34	2	2,475.38
1/4		1/4		1/4	4,866.24	1/4	4,524.85	1/4	4,182.85	1/4	3,839.89	1/4	3,496.99	1/4	3,154.13	1/4	2,811.20	1/4	2,468.24
1/2		1/2		1/2	4,859.13	1/2	4,517.74	1/2	4,175.71	1/2	3,832.75	1/2	3,489.85	1/2	3,146.99	1/2	2,804.05	1/2	2,461.09
3/4		3/4		3/4	4,852.01	3/4	4,510.62	3/4	4,168.56	3/4	3,825.60	3/4	3,482.70	3/4	3,139.84	3/4	2,796.91	3/4	2,453.95
3		3		3	4,844.90	3	4,503.51	3	4,161.42	3	3,818.46	3	3,475.56	3	3,132.70	3	2,789.76	3	2,446.80
1/4		1/4		1/4	4,837.79	1/4	4,496.40	1/4	4,154.27	1/4	3,811.31	1/4	3,468.42	1/4	3,125.56	1/4	2,782.62	1/4	2,439.66
1/2		1/2		1/2	4,830.68	1/2	4,489.29	1/2	4,147.13	1/2	3,804.17	1/2	3,461.27	1/2	3,118.42	1/2	2,775.47	1/2	2,432.51
3/4		3/4		3/4	4,823.57	3/4	4,482.18	3/4	4,139.98	3/4	3,797.02	3/4	3,454.13	3/4	3,111.27	3/4	2,768.33	3/4	2,425.37
4		4		4	4,816.45	4	4,475.06	4	4,132.84	4	3,789.88	4	3,446.99	4	3,104.13	4	2,761.18	4	2,418.22
1/4		1/4		1/4	4,809.34	1/4	4,467.95	1/4	4,125.69	1/4	3,782.73	1/4	3,439.85	1/4	3,096.99	1/4	2,754.04	1/4	2,411.08
1/2		1/2		1/2	4,802.23	1/2	4,460.84	1/2	4,118.55	1/2	3,775.59	1/2	3,432.70	1/2	3,089.84	1/2	2,746.89	1/2	2,403.93
3/4		3/4		3/4	4,795.12	3/4	4,453.73	3/4	4,111.40	3/4	3,768.44	3/4	3,425.56	3/4	3,082.70	3/4	2,739.75	3/4	2,396.79
5		5		5	4,788.00	5	4,446.61	5	4,104.26	5	3,761.30	5	3,418.42	5	3,075.56	5	2,732.60	5	2,389.64
1/4		1/4		1/4	4,780.89	1/4	4,439.50	1/4	4,097.11	1/4	3,754.15	1/4	3,411.27	1/4	3,068.42	1/4	2,725.46	1/4	2,382.50
1/2		1/2	5,084.83	1/2	4,773.78	1/2	4,432.39	1/2	4,089.97	1/2	3,747.01	1/2	3,404.13	1/2	3,061.27	1/2	2,718.31	1/2	2,375.35
3/4		3/4	5,082.93	3/4	4,766.67	3/4	4,425.28	3/4	4,082.82	3/4	3,739.86	3/4	3,396.99	3/4	3,054.13	3/4	2,711.17	3/4	2,368.21
6		6	5,079.14	6	4,759.55	6	4,418.16	6	4,075.68	6	3,732.72	6	3,389.85	6	3,046.98	6	2,704.02	6	2,361.06
1/4		1/4	5,075.35	1/4	4,752.44	1/4	4,411.05	1/4	4,068.53	1/4	3,725.57	1/4	3,382.70	1/4	3,039.84	1/4	2,696.88	1/4	2,353.92
1/2		1/2	5,071.56	1/2	4,745.33	1/2	4,403.94	1/2	4,061.39	1/2	3,718.43	1/2	3,375.56	1/2	3,032.69	1/2	2,689.73	1/2	2,346.77
3/4		3/4	5,067.17	3/4	4,738.22	3/4	4,396.83	3/4	4,054.24	3/4	3,711.28	3/4	3,368.42	3/4	3,025.55	3/4	2,682.59	3/4	2,339.63
7		7	5,062.18	7	4,731.11	7	4,389.72	7	4,047.10	7	3,704.14	7	3,361.27	7	3,018.40	7	2,675.44	7	2,332.48
1/4		1/4	5,057.20	1/4	4,723.99	1/4	4,382.60	1/4	4,039.95	1/4	3,696.99	1/4	3,354.13	1/4	3,011.26	1/4	2,668.30	1/4	2,325.34
1/2		1/2	5,052.22	1/2	4,716.88	1/2	4,375.49	1/2	4,032.81	1/2	3,689.85	1/2	3,346.99	1/2	3,004.11	1/2	2,661.15	1/2	2,318.19
3/4		3/4	5,046.64	3/4	4,709.77	3/4	4,368.38	3/4	4,025.66	3/4	3,682.70	3/4	3,339.85	3/4	2,996.97	3/4	2,654.01	3/4	2,311.05
8		8	5,040.46	8	4,702.66	8	4,361.27	8	4,018.52	8	3,675.56	8	3,332.70	8	2,989.82	8	2,646.86	8	2,303.90
1/4		1/4	5,034.29	1/4	4,695.54	1/4	4,354.15	1/4	4,011.37	1/4	3,668.42	1/4	3,325.56	1/4	2,982.68	1/4	2,639.72	1/4	2,296.76
1/2		1/2	5,028.12	1/2	4,688.43	1/2	4,347.04	1/2	4,004.23	1/2	3,661.28	1/2	3,318.42	1/2	2,975.53	1/2	2,632.57	1/2	2,289.61
3/4		3/4	5,021.53	3/4	4,681.32	3/4	4,339.93	3/4	3,997.08	3/4	3,654.13	3/4	3,311.27	3/4	2,968.39	3/4	2,625.43	3/4	2,282.47
9		9	5,014.53	9	4,674.21	9	4,332.82	9	3,989.94	9	3,646.99	9	3,304.13	9	2,961.24	9	2,618.28	9	2,275.32
1/4		1/4	5,007.53	1/4	4,667.09	1/4	4,325.70	1/4	3,982.79	1/4	3,639.85	1/4	3,296.99	1/4	2,954.10	1/4	2,611.14	1/4	2,268.18
1/2		1/2	5,000.53	1/2	4,659.98	1/2	4,318.59	1/2	3,975.65	1/2	3,632.70	1/2	3,289.85	1/2	2,946.95	1/2	2,603.99	1/2	2,261.03
3/4		3/4	4,993.51	3/4	4,652.87	3/4	4,311.46	3/4	3,968.50	3/4	3,625.56	3/4	3,282.70	3/4	2,939.81	3/4	2,596.85	3/4	2,253.89
10		10	4,986.45	10	4,645.76	10	4,304.32	10	3,961.36	10	3,618.42	10	3,275.56	10	2,932.66	10	2,589.70	10	2,246.74
1/4		1/4	4,979.40	1/4	4,638.65	1/4	4,297.17	1/4	3,954.21	1/4	3,611.28	1/4	3,268.42	1/4	2,925.52	1/4	2,582.56	1/4	2,239.60
1/2		1/2	4,972.35	1/2	4,631.53	1/2	4,290.03	1/2	3,947.07	1/2	3,604.13	1/2	3,261.27	1/2	2,918.37	1/2	2,575.41	1/2	2,232.45
3/4		3/4	4,965.29	3/4	4,624.42	3/4	4,282.88	3/4	3,939.92	3/4	3,596.99	3/4	3,254.13	3/4	2,911.23	3/4	2,568.27	3/4	2,225.31
11		11	4,958.22	11	4,617.31	11	4,275.74	11	3,932.78	11	3,589.85	11	3,246.99	11	2,904.08	11	2,561.12	11	2,218.16
1/4		1/4	4,951.16	1/4	4,610.20	1/4	4,268.59	1/4	3,925.63	1/4	3,582.70	1/4	3,239.84	1/4	2,896.94	1/4	2,553.98	1/4	2,211.02
1/2		1/2	4,944.09	1/2	4,603.08	1/2	4,261.45	1/2	3,918.49	1/2	3,575.56	1/2	3,232.70	1/2	2,889.79	1/2	2,546.83	1/2	2,203.87
3/4		3/4	4,937.03	3/4	4,595.97	3/4	4,254.30	3/4	3,911.34	3/4	3,568.42	3/4	3,225.56	3/4	2,882.65	3/4	2,539.69	3/4	2,196.73

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 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'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "MPX 427"

## 2 STBD

### ULLAGE TABLE

### HERMETIC

### GAUGE HEIGHT 16'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,189.58	0	1,846.62	0	1,503.66	0	1,160.70	0	818.24	0	475.29	0	132.35	0		0		0	
1/4	2,182.44	1/4	1,839.48	1/4	1,496.52	1/4	1,153.56	1/4	811.09	1/4	468.15	1/4	125.21	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,175.29	1/2	1,832.33	1/2	1,489.37	1/2	1,146.41	1/2	803.95	1/2	461.00	1/2	118.06	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,168.15	3/4	1,825.19	3/4	1,482.23	3/4	1,139.27	3/4	796.81	3/4	453.86	3/4	110.92	3/4	3/4	3/4	3/4	3/4	3/4
1	2,161.00	1	1,818.04	1	1,475.08	1	1,132.12	1	789.66	1	446.71	1	103.79	1	1	1	1	1	1
1/4	2,153.86	1/4	1,810.90	1/4	1,467.94	1/4	1,124.98	1/4	782.52	1/4	439.57	1/4	96.66	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,146.71	1/2	1,803.75	1/2	1,460.79	1/2	1,117.83	1/2	775.37	1/2	432.43	1/2	89.52	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,139.57	3/4	1,796.61	3/4	1,453.65	3/4	1,110.69	3/4	768.23	3/4	425.28	3/4	82.40	3/4	3/4	3/4	3/4	3/4	3/4
2	2,132.42	2	1,789.46	2	1,446.50	2	1,103.55	2	761.08	2	418.14	2	75.29	2	2	2	2	2	2
1/4	2,125.28	1/4	1,782.32	1/4	1,439.36	1/4	1,096.41	1/4	753.94	1/4	410.99	1/4	68.18	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,118.13	1/2	1,775.17	1/2	1,432.21	1/2	1,089.27	1/2	746.79	1/2	403.85	1/2	61.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,110.99	3/4	1,768.03	3/4	1,425.07	3/4	1,082.14	3/4	739.65	3/4	396.70	3/4	54.40	3/4	3/4	3/4	3/4	3/4	3/4
3	2,103.84	3	1,760.88	3	1,417.92	3	1,075.01	3	732.50	3	389.56	3	48.15	3	3	3	3	3	3
1/4	2,096.70	1/4	1,753.74	1/4	1,410.78	1/4	1,067.88	1/4	725.36	1/4	382.41	1/4	41.89	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,089.55	1/2	1,746.59	1/2	1,403.63	1/2	1,060.75	1/2	718.21	1/2	375.27	1/2	35.64	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,082.41	3/4	1,739.45	3/4	1,396.49	3/4	1,053.62	3/4	711.07	3/4	368.12	3/4	30.29	3/4	3/4	3/4	3/4	3/4	3/4
4	2,075.26	4	1,732.30	4	1,389.34	4	1,046.48	4	703.92	4	360.98	4	25.82	4	4	4	4	4	4
1/4	2,068.12	1/4	1,725.16	1/4	1,382.20	1/4	1,039.35	1/4	696.78	1/4	353.83	1/4	21.35	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,060.97	1/2	1,718.01	1/2	1,375.05	1/2	1,032.22	1/2	689.63	1/2	346.69	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,053.83	3/4	1,710.87	3/4	1,367.91	3/4	1,025.09	3/4	682.49	3/4	339.54	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	2,046.68	5	1,703.72	5	1,360.76	5	1,017.96	5	675.35	5	332.40	5		5	5	5	5	5	5
1/4	2,039.54	1/4	1,696.58	1/4	1,353.62	1/4	1,010.83	1/4	668.20	1/4	325.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,032.39	1/2	1,689.43	1/2	1,346.47	1/2	1,003.70	1/2	661.06	1/2	318.11	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,025.25	3/4	1,682.29	3/4	1,339.33	3/4	996.57	3/4	653.91	3/4	310.97	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,018.10	6	1,675.14	6	1,332.18	6	989.44	6	646.77	6	303.82	6		6	6	6	6	6	6
1/4	2,010.96	1/4	1,668.00	1/4	1,325.04	1/4	982.31	1/4	639.62	1/4	296.68	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,003.81	1/2	1,660.85	1/2	1,317.89	1/2	975.17	1/2	632.48	1/2	289.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,996.67	3/4	1,653.71	3/4	1,310.75	3/4	968.04	3/4	625.33	3/4	282.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,989.52	7	1,646.56	7	1,303.60	7	960.91	7	618.19	7	275.24	7		7	7	7	7	7	7
1/4	1,982.38	1/4	1,639.42	1/4	1,296.46	1/4	953.78	1/4	611.04	1/4	268.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,975.23	1/2	1,632.27	1/2	1,289.31	1/2	946.65	1/2	603.90	1/2	260.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,968.09	3/4	1,625.13	3/4	1,282.17	3/4	939.52	3/4	596.75	3/4	253.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,960.94	8	1,617.98	8	1,275.02	8	932.39	8	589.61	8	246.66	8		8	8	8	8	8	8
1/4	1,953.80	1/4	1,610.84	1/4	1,267.88	1/4	925.26	1/4	582.46	1/4	239.52	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,946.65	1/2	1,603.69	1/2	1,260.73	1/2	918.13	1/2	575.32	1/2	232.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,939.51	3/4	1,596.55	3/4	1,253.59	3/4	911.00	3/4	568.17	3/4	225.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,932.36	9	1,589.40	9	1,246.44	9	903.87	9	561.03	9	218.08	9		9	9	9	9	9	9
1/4	1,925.22	1/4	1,582.26	1/4	1,239.30	1/4	896.74	1/4	553.89	1/4	210.94	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,918.07	1/2	1,575.11	1/2	1,232.15	1/2	889.60	1/2	546.74	1/2	203.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,910.93	3/4	1,567.97	3/4	1,225.01	3/4	882.47	3/4	539.60	3/4	196.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,903.78	10	1,560.82	10	1,217.86	10	875.34	10	875.34	10	189.51	10		10	10	10	10	10	10
1/4	1,896.64	1/4	1,553.68	1/4	1,210.72	1/4	868.21	1/4	868.21	1/4	182.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,889.49	1/2	1,546.53	1/2	1,203.57	1/2	861.08	1/2	861.08	1/2	175.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,882.35	3/4	1,539.39	3/4	1,196.43	3/4	853.95	3/4	853.95	3/4	168.07	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,875.20	11	1,532.24	11	1,189.28	11	846.81	11	846.81	11	160.93	11		11	11	11	11	11	11
1/4	1,868.06	1/4	1,525.10	1/4	1,182.14	1/4	839.67	1/4	839.67	1/4	153.78	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,860.91	1/2	1,517.95	1/2	1,174.99	1/2	832.53	1/2	832.53	1/2	146.64	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,853.77	3/4	1,510.81	3/4	1,167.85	3/4	825.38	3/4	825.38	3/4	139.49	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 0/2022





# BARGE "MPX 427"

## 3 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. 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	4,287.59	0	4,079.42	0	3,870.89	0	3,661.63	0	3,452.64	0	3,185.47	0	2,844.76	0	2,503.98
1/4		1/4		1/4	4,283.28	1/4	4,075.08	1/4	3,866.53	1/4	3,657.27	1/4	3,448.30	1/4	3,178.39	1/4	2,837.66	1/4	2,496.88
1/2		1/2		1/2	4,278.96	1/2	4,070.74	1/2	3,862.17	1/2	3,652.91	1/2	3,443.95	1/2	3,171.31	1/2	2,830.56	1/2	2,489.78
3/4		3/4		3/4	4,274.65	3/4	4,066.40	3/4	3,857.82	3/4	3,648.55	3/4	3,439.61	3/4	3,164.23	3/4	2,823.46	3/4	2,482.68
1		1		1	4,270.34	1	4,062.06	1	3,853.46	1	3,644.19	1	3,435.26	1	3,157.15	1	2,816.36	1	2,475.58
1/4		1/4		1/4	4,266.02	1/4	4,057.72	1/4	3,849.10	1/4	3,639.83	1/4	3,430.92	1/4	3,150.08	1/4	2,809.26	1/4	2,468.48
1/2		1/2		1/2	4,261.71	1/2	4,053.38	1/2	3,844.74	1/2	3,635.47	1/2	3,426.58	1/2	3,143.00	1/2	2,802.16	1/2	2,461.38
3/4		3/4		3/4	4,257.39	3/4	4,049.04	3/4	3,840.38	3/4	3,631.11	3/4	3,422.23	3/4	3,135.92	3/4	2,795.06	3/4	2,454.28
2		2		2	4,253.04	2	4,044.70	2	3,836.02	2	3,626.75	2	3,417.89	2	3,128.84	2	2,787.97	2	2,447.17
1/4		1/4		1/4	4,248.70	1/4	4,040.36	1/4	3,831.66	1/4	3,622.39	1/4	3,413.55	1/4	3,121.76	1/4	2,780.87	1/4	2,440.07
1/2		1/2		1/2	4,244.36	1/2	4,036.01	1/2	3,827.30	1/2	3,618.03	1/2	3,409.20	1/2	3,114.68	1/2	2,773.77	1/2	2,432.97
3/4		3/4		3/4	4,240.02	3/4	4,031.67	3/4	3,822.94	3/4	3,613.67	3/4	3,404.86	3/4	3,107.60	3/4	2,766.67	3/4	2,425.87
3		3		3	4,235.68	3	4,027.33	3	3,818.58	3	3,609.31	3	3,400.51	3	3,100.50	3	2,759.57	3	2,418.77
1/4		1/4		1/4	4,231.34	1/4	4,022.99	1/4	3,814.22	1/4	3,604.95	1/4	3,396.17	1/4	3,093.41	1/4	2,752.47	1/4	2,411.67
1/2		1/2		1/2	4,227.00	1/2	4,018.65	1/2	3,809.86	1/2	3,600.59	1/2	3,391.83	1/2	3,086.31	1/2	2,745.37	1/2	2,404.57
3/4		3/4		3/4	4,222.66	3/4	4,014.31	3/4	3,805.50	3/4	3,596.23	3/4	3,387.48	3/4	3,079.21	3/4	2,738.27	3/4	2,397.47
4		4		4	4,218.32	4	4,009.97	4	3,801.14	4	3,591.87	4	3,383.14	4	3,072.12	4	2,731.17	4	2,390.37
1/4		1/4		1/4	4,213.98	1/4	4,005.63	1/4	3,796.78	1/4	3,587.51	1/4	3,378.79	1/4	3,065.02	1/4	2,724.07	1/4	2,383.27
1/2		1/2		1/2	4,209.64	1/2	4,001.29	1/2	3,792.42	1/2	3,583.15	1/2	3,374.45	1/2	3,057.93	1/2	2,716.97	1/2	2,376.17
3/4		3/4		3/4	4,205.30	3/4	3,996.95	3/4	3,788.06	3/4	3,578.79	3/4	3,370.12	3/4	3,050.83	3/4	2,709.87	3/4	2,369.07
5		5		5	4,200.96	5	3,992.61	5	3,783.70	5	3,574.43	5	3,365.79	5	3,043.73	5	2,702.77	5	2,361.97
1/4		1/4		1/4	4,196.62	1/4	3,988.27	1/4	3,779.34	1/4	3,570.08	1/4	3,361.46	1/4	3,036.64	1/4	2,695.67	1/4	2,354.87
1/2		5/8	4,374.93	1/2	4,192.28	1/2	3,983.93	1/2	3,774.98	1/2	3,565.72	1/2	3,357.14	1/2	3,029.54	1/2	2,688.57	1/2	2,347.76
3/4		3/4	4,374.08	3/4	4,187.94	3/4	3,979.59	3/4	3,770.62	3/4	3,561.36	3/4	3,352.81	3/4	3,022.44	3/4	2,681.47	3/4	2,340.66
6		6	4,372.38	6	4,183.59	6	3,975.25	6	3,766.26	6	3,557.00	6	3,348.49	6	3,015.33	6	2,674.37	6	2,333.56
1/4		1/4	4,370.68	1/4	4,179.25	1/4	3,970.91	1/4	3,761.90	1/4	3,552.64	1/4	3,344.16	1/4	3,008.22	1/4	2,667.27	1/4	2,326.46
1/2		1/2	4,368.97	1/2	4,174.91	1/2	3,966.56	1/2	3,757.54	1/2	3,548.28	1/2	3,339.84	1/2	3,001.10	1/2	2,660.17	1/2	2,319.36
3/4		3/4	4,367.00	3/4	4,170.57	3/4	3,962.22	3/4	3,753.18	3/4	3,543.92	3/4	3,334.13	3/4	2,993.99	3/4	2,653.07	3/4	2,312.26
7		7	4,364.76	7	4,166.23	7	3,957.88	7	3,748.82	7	3,539.56	7	3,327.05	7	2,986.88	7	2,645.97	7	2,305.16
1/4		1/4	4,362.52	1/4	4,161.89	1/4	3,953.54	1/4	3,744.46	1/4	3,535.20	1/4	3,319.97	1/4	2,979.77	1/4	2,638.87	1/4	2,298.06
1/2		1/2	4,360.29	1/2	4,157.55	1/2	3,949.20	1/2	3,740.10	1/2	3,530.84	1/2	3,312.89	1/2	2,972.66	1/2	2,631.77	1/2	2,290.96
3/4		3/4	4,357.46	3/4	4,153.21	3/4	3,944.86	3/4	3,735.74	3/4	3,526.49	3/4	3,305.81	3/4	2,965.55	3/4	2,624.67	3/4	2,283.86
8		8	4,354.03	8	4,148.87	8	3,940.52	8	3,731.38	8	3,522.14	8	3,298.73	8	2,958.44	8	2,617.57	8	2,276.76
1/4		1/4	4,350.61	1/4	4,144.53	1/4	3,936.18	1/4	3,727.02	1/4	3,517.80	1/4	3,291.65	1/4	2,951.32	1/4	2,610.47	1/4	2,269.66
1/2		1/2	4,347.18	1/2	4,140.19	1/2	3,931.84	1/2	3,722.66	1/2	3,513.46	1/2	3,284.57	1/2	2,944.21	1/2	2,603.37	1/2	2,262.56
3/4		3/4	4,343.35	3/4	4,135.85	3/4	3,927.50	3/4	3,718.30	3/4	3,509.11	3/4	3,277.49	3/4	2,937.10	3/4	2,596.27	3/4	2,255.46
9		9	4,339.10	9	4,131.51	9	3,923.16	9	3,713.95	9	3,504.77	9	3,270.41	9	2,929.99	9	2,589.17	9	2,248.36
1/4		1/4	4,334.86	1/4	4,127.17	1/4	3,918.82	1/4	3,709.59	1/4	3,500.42	1/4	3,263.33	1/4	2,922.88	1/4	2,582.07	1/4	2,241.25
1/2		1/2	4,330.62	1/2	4,122.83	1/2	3,914.48	1/2	3,705.23	1/2	3,496.08	1/2	3,256.25	1/2	2,915.77	1/2	2,574.97	1/2	2,234.15
3/4		3/4	4,326.34	3/4	4,118.49	3/4	3,910.13	3/4	3,700.87	3/4	3,491.74	3/4	3,249.17	3/4	2,908.66	3/4	2,567.87	3/4	2,227.05
10		10	4,322.05	10	4,114.15	10	3,905.77	10	3,696.51	10	3,487.39	10	3,242.10	10	2,901.56	10	2,560.77	10	2,219.95
1/4		1/4	4,317.75	1/4	4,109.80	1/4	3,901.41	1/4	3,692.15	1/4	3,483.05	1/4	3,235.02	1/4	2,894.46	1/4	2,553.68	1/4	2,212.85
1/2		1/2	4,313.45	1/2	4,105.46	1/2	3,897.05	1/2	3,687.79	1/2	3,478.70	1/2	3,227.94	1/2	2,887.36	1/2	2,546.58	1/2	2,205.75
3/4		3/4	4,309.14	3/4	4,101.12	3/4	3,892.69	3/4	3,683.43	3/4	3,474.36	3/4	3,220.86	3/4	2,880.26	3/4	2,539.48	3/4	2,198.65
11		11	4,304.83	11	4,096.78	11	3,888.33	11	3,679.07	11	3,470.02	11	3,213.78	11	2,873.16	11	2,532.38	11	2,191.55
1/4		1/4	4,300.52	1/4	4,092.44	1/4	3,883.97	1/4	3,674.71	1/4	3,465.67	1/4	3,206.70	1/4	2,866.06	1/4	2,525.28	1/4	2,184.45
1/2		1/2	4,296.21	1/2	4,088.10	1/2	3,879.61	1/2	3,670.35	1/2	3,461.33	1/2	3,199.62	1/2	2,858.96	1/2	2,518.18	1/2	2,177.35
3/4		3/4	4,291.90	3/4	4,083.76	3/4	3,875.25	3/4	3,665.99	3/4	3,456.98	3/4	3,192.55	3/4	2,851.86	3/4	2,511.08	3/4	2,170.25

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 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'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "MPX 427"

## 3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,163.15	0	1,822.31	0	1,481.48	0	1,140.65	0	813.37	0	473.05	0	131.77	0		0		0	
1/4	2,156.05	1/4	1,815.21	1/4	1,474.38	1/4	1,133.55	1/4	806.50	1/4	465.95	1/4	124.66	1/4		1/4		1/4	
1/2	2,148.95	1/2	1,808.11	1/2	1,467.28	1/2	1,126.44	1/2	799.63	1/2	458.85	1/2	117.55	1/2		1/2		1/2	
3/4	2,141.84	3/4	1,801.01	3/4	1,460.18	3/4	1,119.46	3/4	792.64	3/4	451.75	3/4	110.44	3/4		3/4		3/4	
1	2,134.74	1	1,793.91	1	1,453.08	1	1,112.59	1	785.54	1	444.64	1	103.33	1		1		1	
1/4	2,127.64	1/4	1,786.81	1/4	1,445.98	1/4	1,105.72	1/4	778.44	1/4	437.54	1/4	96.23	1/4		1/4		1/4	
1/2	2,120.54	1/2	1,779.71	1/2	1,438.88	1/2	1,098.85	1/2	771.34	1/2	430.44	1/2	89.13	1/2		1/2		1/2	
3/4	2,113.44	3/4	1,772.61	3/4	1,431.77	3/4	1,092.01	3/4	764.23	3/4	423.34	3/4	82.04	3/4		3/4		3/4	
2	2,106.34	2	1,765.51	2	1,424.67	2	1,085.21	2	757.13	2	416.24	2	74.96	2		2		2	
1/4	2,099.24	1/4	1,758.41	1/4	1,417.57	1/4	1,078.41	1/4	750.03	1/4	409.13	1/4	67.88	1/4		1/4		1/4	
1/2	2,092.14	1/2	1,751.31	1/2	1,410.47	1/2	1,071.61	1/2	742.93	1/2	402.03	1/2	60.81	1/2		1/2		1/2	
3/4	2,085.04	3/4	1,744.21	3/4	1,403.37	3/4	1,064.82	3/4	735.83	3/4	394.93	3/4	54.16	3/4		3/4		3/4	
3	2,077.94	3	1,737.10	3	1,396.27	3	1,058.03	3	728.72	3	387.83	3	47.93	3		3		3	
1/4	2,070.84	1/4	1,730.00	1/4	1,389.17	1/4	1,051.23	1/4	721.62	1/4	380.73	1/4	41.71	1/4		1/4		1/4	
1/2	2,063.74	1/2	1,722.90	1/2	1,382.07	1/2	1,044.44	1/2	714.52	1/2	373.62	1/2	35.49	1/2		1/2		1/2	
3/4	2,056.64	3/4	1,715.80	3/4	1,374.97	3/4	1,037.65	3/4	707.42	3/4	366.52	3/4	30.15	3/4		3/4		3/4	
4	2,049.54	4	1,708.70	4	1,367.87	4	1,030.86	4	700.32	4	359.40	4	25.71	4		4		4	
1/4	2,042.43	1/4	1,701.60	1/4	1,360.77	1/4	1,024.07	1/4	693.21	1/4	352.29	1/4	21.26	1/4		1/4		1/4	
1/2	2,035.33	1/2	1,694.50	1/2	1,353.67	1/2	1,017.27	1/2	686.11	1/2	345.18	1/2		1/2		1/2		1/2	
3/4	2,028.23	3/4	1,687.40	3/4	1,346.57	3/4	1,010.48	3/4	679.01	3/4	338.06	3/4		3/4		3/4		3/4	
5	2,021.13	5	1,680.30	5	1,339.47	5	1,003.69	5	671.91	5	330.95	5		5		5		5	
1/4	2,014.03	1/4	1,673.20	1/4	1,332.36	1/4	996.90	1/4	664.81	1/4	323.84	1/4		1/4		1/4		1/4	
1/2	2,006.93	1/2	1,666.10	1/2	1,325.26	1/2	990.11	1/2	657.70	1/2	316.72	1/2		1/2		1/2		1/2	
3/4	1,999.83	3/4	1,659.00	3/4	1,318.16	3/4	983.31	3/4	650.60	3/4	309.61	3/4		3/4		3/4		3/4	
6	1,992.73	6	1,651.90	6	1,311.06	6	976.52	6	643.50	6	302.49	6		6		6		6	
1/4	1,985.63	1/4	1,644.80	1/4	1,303.96	1/4	969.73	1/4	636.40	1/4	295.38	1/4		1/4		1/4		1/4	
1/2	1,978.53	1/2	1,637.69	1/2	1,296.86	1/2	962.94	1/2	629.30	1/2	288.27	1/2		1/2		1/2		1/2	
3/4	1,971.43	3/4	1,630.59	3/4	1,289.76	3/4	956.15	3/4	622.19	3/4	281.15	3/4		3/4		3/4		3/4	
7	1,964.33	7	1,623.49	7	1,282.66	7	949.35	7	615.09	7	274.04	7		7		7		7	
1/4	1,957.23	1/4	1,616.39	1/4	1,275.56	1/4	942.56	1/4	607.99	1/4	266.93	1/4		1/4		1/4		1/4	
1/2	1,950.13	1/2	1,609.29	1/2	1,268.46	1/2	935.77	1/2	600.89	1/2	259.81	1/2		1/2		1/2		1/2	
3/4	1,943.02	3/4	1,602.19	3/4	1,261.36	3/4	928.98	3/4	593.79	3/4	252.70	3/4		3/4		3/4		3/4	
8	1,935.92	8	1,595.09	8	1,254.26	8	922.19	8	586.68	8	245.59	8		8		8		8	
1/4	1,928.82	1/4	1,587.99	1/4	1,247.16	1/4	915.40	1/4	579.58	1/4	238.47	1/4		1/4		1/4		1/4	
1/2	1,921.72	1/2	1,580.89	1/2	1,240.06	1/2	908.60	1/2	572.48	1/2	231.36	1/2		1/2		1/2		1/2	
3/4	1,914.62	3/4	1,573.79	3/4	1,232.95	3/4	901.81	3/4	565.38	3/4	224.24	3/4		3/4		3/4		3/4	
9	1,907.52	9	1,566.69	9	1,225.85	9	895.02	9	558.28	9	217.13	9		9		9		9	
1/4	1,900.42	1/4	1,559.59	1/4	1,218.75	1/4	888.23	1/4	551.17	1/4	210.02	1/4		1/4		1/4		1/4	
1/2	1,893.32	1/2	1,552.49	1/2	1,211.65	1/2	881.44	1/2	544.07	1/2	202.90	1/2		1/2		1/2		1/2	
3/4	1,886.22	3/4	1,545.39	3/4	1,204.55	3/4	874.64	3/4	536.97	3/4	195.79	3/4		3/4		3/4		3/4	
10	1,879.12	10	1,538.29	10	1,197.45	10	867.85	10	529.87	10	188.68	10		10		10		10	
1/4	1,872.02	1/4	1,531.18	1/4	1,190.35	1/4	861.06	1/4	522.77	1/4	181.56	1/4		1/4		1/4		1/4	
1/2	1,864.92	1/2	1,524.08	1/2	1,183.25	1/2	854.27	1/2	515.66	1/2	174.45	1/2		1/2		1/2		1/2	
3/4	1,857.82	3/4	1,516.98	3/4	1,176.15	3/4	847.47	3/4	508.56	3/4	167.34	3/4		3/4		3/4		3/4	
11	1,850.72	11	1,509.88	11	1,169.05	11	840.67	11	501.46	11	160.22	11		11		11		11	
1/4	1,843.62	1/4	1,502.78	1/4	1,161.95	1/4	833.87	1/4	494.36	1/4	153.11	1/4		1/4		1/4		1/4	
1/2	1,836.51	1/2	1,495.68	1/2	1,154.85	1/2	827.07	1/2	487.26	1/2	146.00	1/2		1/2		1/2		1/2	
3/4	1,829.41	3/4	1,488.58	3/4	1,147.75	3/4	820.24	3/4	480.15	3/4	138.88	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 0/2022



# BARGE "MPX 427"

## 3 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-04 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. 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	4,308.83	0	4,100.61	0	3,892.02	0	3,682.69	0	3,473.35	0	3,208.65	0	2,868.38	0	2,527.67
1/4		1/4		1/4	4,304.52	1/4	4,096.27	1/4	3,887.66	1/4	3,678.32	1/4	3,468.99	1/4	3,201.57	1/4	2,861.28	1/4	2,520.56
1/2		1/2		1/2	4,300.20	1/2	4,091.93	1/2	3,883.30	1/2	3,673.96	1/2	3,464.63	1/2	3,194.49	1/2	2,854.19	1/2	2,513.45
3/4		3/4		3/4	4,295.89	3/4	4,087.59	3/4	3,878.94	3/4	3,669.60	3/4	3,460.26	3/4	3,187.42	3/4	2,847.10	3/4	2,506.33
1		1		1	4,291.57	1	4,083.24	1	3,874.58	1	3,665.24	1	3,455.90	1	3,180.34	1	2,840.01	1	2,499.23
1/4		1/4		1/4	4,287.26	1/4	4,078.90	1/4	3,870.22	1/4	3,660.88	1/4	3,451.54	1/4	3,173.27	1/4	2,832.91	1/4	2,492.12
1/2		1/2		1/2	4,282.94	1/2	4,074.56	1/2	3,865.86	1/2	3,656.52	1/2	3,447.18	1/2	3,166.19	1/2	2,825.82	1/2	2,485.01
3/4		3/4		3/4	4,278.63	3/4	4,070.22	3/4	3,861.50	3/4	3,652.16	3/4	3,442.82	3/4	3,159.12	3/4	2,818.73	3/4	2,477.89
2		2		2	4,274.30	2	4,065.88	2	3,857.13	2	3,647.80	2	3,438.46	2	3,152.04	2	2,811.63	2	2,470.78
1/4		1/4		1/4	4,269.96	1/4	4,061.53	1/4	3,852.77	1/4	3,643.44	1/4	3,434.10	1/4	3,144.96	1/4	2,804.54	1/4	2,463.67
1/2		1/2		1/2	4,265.62	1/2	4,057.19	1/2	3,848.41	1/2	3,639.07	1/2	3,429.74	1/2	3,137.89	1/2	2,797.45	1/2	2,456.56
3/4		3/4		3/4	4,261.28	3/4	4,052.85	3/4	3,844.05	3/4	3,634.71	3/4	3,425.38	3/4	3,130.81	3/4	2,790.35	3/4	2,449.45
3		3		3	4,256.93	3	4,048.51	3	3,839.69	3	3,630.35	3	3,421.01	3	3,123.73	3	2,783.26	3	2,442.34
1/4		1/4		1/4	4,252.59	1/4	4,044.17	1/4	3,835.33	1/4	3,625.99	1/4	3,416.65	1/4	3,116.63	1/4	2,776.17	1/4	2,435.23
1/2		1/2		1/2	4,248.25	1/2	4,039.82	1/2	3,830.97	1/2	3,621.63	1/2	3,412.29	1/2	3,109.54	1/2	2,769.08	1/2	2,428.12
3/4		3/4		3/4	4,243.91	3/4	4,035.48	3/4	3,826.61	3/4	3,617.27	3/4	3,407.93	3/4	3,102.45	3/4	2,761.98	3/4	2,421.00
4		4		4	4,239.56	4	4,031.14	4	3,822.24	4	3,612.91	4	3,403.57	4	3,095.35	4	2,754.89	4	2,413.89
1/4		1/4		1/4	4,235.22	1/4	4,026.80	1/4	3,817.88	1/4	3,608.55	1/4	3,399.21	1/4	3,088.26	1/4	2,747.80	1/4	2,406.78
1/2		1/2		1/2	4,230.88	1/2	4,022.45	1/2	3,813.52	1/2	3,604.18	1/2	3,394.85	1/2	3,081.17	1/2	2,740.70	1/2	2,399.67
3/4		3/4		3/4	4,226.54	3/4	4,018.11	3/4	3,809.16	3/4	3,599.82	3/4	3,390.49	3/4	3,074.07	3/4	2,733.61	3/4	2,392.56
5		5		5	4,222.20	5	4,013.77	5	3,804.80	5	3,595.46	5	3,386.14	5	3,066.98	5	2,726.52	5	2,385.45
1/4		1/4		1/4	4,217.85	1/4	4,009.43	1/4	3,800.44	1/4	3,591.10	1/4	3,381.82	1/4	3,059.89	1/4	2,719.42	1/4	2,378.34
1/2		1/2		1/2	4,213.51	1/2	4,005.09	1/2	3,796.08	1/2	3,586.74	1/2	3,377.49	1/2	3,052.80	1/2	2,712.33	1/2	2,371.23
3/4		3/4	4,391.90	3/4	4,209.17	3/4	4,000.74	3/4	3,791.72	3/4	3,582.38	3/4	3,373.17	3/4	3,045.70	3/4	2,705.24	3/4	2,364.11
6		6	4,391.05	6	4,204.83	6	3,996.40	6	3,787.35	6	3,578.02	6	3,368.84	6	3,038.61	6	2,698.15	6	2,357.00
1/4		1/4	4,389.34	1/4	4,200.48	1/4	3,992.06	1/4	3,782.99	1/4	3,573.66	1/4	3,364.51	1/4	3,031.52	1/4	2,691.05	1/4	2,349.89
1/2		1/2	4,387.64	1/2	4,196.14	1/2	3,987.72	1/2	3,778.63	1/2	3,569.29	1/2	3,360.19	1/2	3,024.42	1/2	2,683.96	1/2	2,342.78
3/4		3/4	4,385.94	3/4	4,191.80	3/4	3,983.37	3/4	3,774.27	3/4	3,564.93	3/4	3,355.86	3/4	3,017.33	3/4	2,676.87	3/4	2,335.67
7		7	4,383.97	7	4,187.46	7	3,979.03	7	3,769.91	7	3,560.57	7	3,350.16	7	3,010.24	7	2,669.77	7	2,328.56
1/4		1/4	4,381.72	1/4	4,183.12	1/4	3,974.69	1/4	3,765.55	1/4	3,556.21	1/4	3,343.09	1/4	3,003.14	1/4	2,662.68	1/4	2,321.45
1/2		1/2	4,379.48	1/2	4,178.77	1/2	3,970.35	1/2	3,761.19	1/2	3,551.85	1/2	3,336.01	1/2	2,996.05	1/2	2,655.59	1/2	2,314.34
3/4		3/4	4,377.24	3/4	4,174.43	3/4	3,966.01	3/4	3,756.83	3/4	3,547.49	3/4	3,328.94	3/4	2,988.96	3/4	2,648.49	3/4	2,307.23
8		8	4,374.41	8	4,170.09	8	3,961.66	8	3,752.47	8	3,543.13	8	3,321.86	8	2,981.87	8	2,641.40	8	2,300.11
1/4		1/4	4,370.98	1/4	4,165.75	1/4	3,957.32	1/4	3,748.10	1/4	3,538.77	1/4	3,314.78	1/4	2,974.77	1/4	2,634.31	1/4	2,293.00
1/2		1/2	4,367.56	1/2	4,161.40	1/2	3,952.98	1/2	3,743.74	1/2	3,534.41	1/2	3,307.71	1/2	2,967.68	1/2	2,627.22	1/2	2,285.89
3/4		3/4	4,364.13	3/4	4,157.06	3/4	3,948.64	3/4	3,739.38	3/4	3,530.04	3/4	3,300.63	3/4	2,960.59	3/4	2,620.12	3/4	2,278.78
9		9	4,360.30	9	4,152.72	9	3,944.29	9	3,735.02	9	3,525.68	9	3,293.56	9	2,953.49	9	2,613.02	9	2,271.67
1/4		1/4	4,356.05	1/4	4,148.38	1/4	3,939.95	1/4	3,730.66	1/4	3,521.32	1/4	3,286.48	1/4	2,946.40	1/4	2,605.91	1/4	2,264.56
1/2		1/2	4,351.80	1/2	4,144.04	1/2	3,935.61	1/2	3,726.30	1/2	3,516.96	1/2	3,279.40	1/2	2,939.31	1/2	2,598.80	1/2	2,257.45
3/4		3/4	4,347.56	3/4	4,139.69	3/4	3,931.27	3/4	3,721.94	3/4	3,512.60	3/4	3,272.33	3/4	2,932.21	3/4	2,591.68	3/4	2,250.34
10		10	4,343.28	10	4,135.35	10	3,926.91	10	3,717.58	10	3,508.24	10	3,265.25	10	2,925.12	10	2,584.57	10	2,243.22
1/4		1/4	4,338.98	1/4	4,131.01	1/4	3,922.55	1/4	3,713.21	1/4	3,503.88	1/4	3,258.18	1/4	2,918.03	1/4	2,577.46	1/4	2,236.11
1/2		1/2	4,334.68	1/2	4,126.67	1/2	3,918.19	1/2	3,708.85	1/2	3,499.52	1/2	3,251.10	1/2	2,910.94	1/2	2,570.35	1/2	2,229.00
3/4		3/4	4,330.38	3/4	4,122.32	3/4	3,913.83	3/4	3,704.49	3/4	3,495.15	3/4	3,244.03	3/4	2,903.84	3/4	2,563.23	3/4	2,221.89
11		11	4,326.08	11	4,117.98	11	3,909.47	11	3,700.13	11	3,490.79	11	3,236.95	11	2,896.75	11	2,556.12	11	2,214.78
1/4		1/4	4,321.76	1/4	4,113.64	1/4	3,905.11	1/4	3,695.77	1/4	3,486.43	1/4	3,229.87	1/4	2,889.66	1/4	2,549.01	1/4	2,207.67
1/2		1/2	4,317.45	1/2	4,109.30	1/2	3,900.75	1/2	3,691.41	1/2	3,482.07	1/2	3,222.80	1/2	2,882.56	1/2	2,541.90	1/2	2,200.56
3/4		3/4	4,313.14	3/4	4,104.96	3/4	3,896.38	3/4	3,687.05	3/4	3,477.71	3/4	3,215.72	3/4	2,875.47	3/4	2,534.78	3/4	2,193.45

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 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'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "MPX 427"

## 3 STBD

### ULLAGE TABLE

### HERMETIC

### GAUGE HEIGHT 16'-04 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,186.33	0	1,845.00	0	1,503.66	0	1,162.32	0	821.48	0	480.16	0	138.83	0		0		0	
1/4	2,179.22	1/4	1,837.89	1/4	1,496.55	1/4	1,155.21	1/4	814.37	1/4	473.05	1/4	131.72	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,172.11	1/2	1,830.77	1/2	1,489.44	1/2	1,148.10	1/2	807.26	1/2	465.93	1/2	124.61	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,165.00	3/4	1,823.66	3/4	1,482.33	3/4	1,140.99	3/4	800.15	3/4	458.82	3/4	117.50	3/4	3/4	3/4	3/4	3/4	3/4
1	2,157.89	1	1,816.55	1	1,475.21	1	1,133.88	1	793.04	1	451.71	1	110.40	1	1	1	1	1	1
1/4	2,150.78	1/4	1,809.44	1/4	1,468.10	1/4	1,126.77	1/4	785.93	1/4	444.60	1/4	103.29	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,143.67	1/2	1,802.33	1/2	1,460.99	1/2	1,119.65	1/2	778.82	1/2	437.49	1/2	96.19	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,136.56	3/4	1,795.22	3/4	1,453.88	3/4	1,112.54	3/4	771.71	3/4	430.38	3/4	89.09	3/4	3/4	3/4	3/4	3/4	3/4
2	2,129.45	2	1,788.11	2	1,446.77	2	1,105.44	2	764.60	2	423.27	2	82.01	2	2	2	2	2	2
1/4	2,122.33	1/4	1,781.00	1/4	1,439.66	1/4	1,098.33	1/4	757.49	1/4	416.16	1/4	74.93	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,115.22	1/2	1,773.89	1/2	1,432.55	1/2	1,091.22	1/2	750.37	1/2	409.05	1/2	67.86	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,108.11	3/4	1,766.77	3/4	1,425.44	3/4	1,084.12	3/4	743.26	3/4	401.94	3/4	60.78	3/4	3/4	3/4	3/4	3/4	3/4
3	2,101.00	3	1,759.66	3	1,418.33	3	1,077.02	3	736.15	3	394.82	3	54.13	3	3	3	3	3	3
1/4	2,093.89	1/4	1,752.55	1/4	1,411.21	1/4	1,069.92	1/4	729.04	1/4	387.71	1/4	47.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,086.78	1/2	1,745.44	1/2	1,404.10	1/2	1,062.82	1/2	721.93	1/2	380.60	1/2	41.69	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,079.67	3/4	1,738.33	3/4	1,396.99	3/4	1,055.73	3/4	714.82	3/4	373.49	3/4	35.47	3/4	3/4	3/4	3/4	3/4	3/4
4	2,072.56	4	1,731.22	4	1,389.88	4	1,048.63	4	707.71	4	366.38	4	30.14	4	4	4	4	4	4
1/4	2,065.44	1/4	1,724.11	1/4	1,382.77	1/4	1,041.53	1/4	700.60	1/4	359.27	1/4	25.69	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,058.33	1/2	1,717.00	1/2	1,375.66	1/2	1,034.43	1/2	693.49	1/2	352.16	1/2	21.25	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,051.22	3/4	1,709.88	3/4	1,368.55	3/4	1,027.34	3/4	686.38	3/4	345.05	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	2,044.11	5	1,702.77	5	1,361.44	5	1,020.24	5	679.26	5	337.94	5		5	5	5	5	5	5
1/4	2,037.00	1/4	1,695.66	1/4	1,354.32	1/4	1,013.14	1/4	672.15	1/4	330.83	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,029.89	1/2	1,688.55	1/2	1,347.21	1/2	1,006.05	1/2	665.04	1/2	323.71	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,022.78	3/4	1,681.44	3/4	1,340.10	3/4	998.95	3/4	657.93	3/4	316.60	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,015.67	6	1,674.33	6	1,332.99	6	991.85	6	650.82	6	309.49	6		6	6	6	6	6	6
1/4	2,008.55	1/4	1,667.22	1/4	1,325.88	1/4	984.75	1/4	643.71	1/4	302.38	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,001.44	1/2	1,660.11	1/2	1,318.77	1/2	977.66	1/2	636.60	1/2	295.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,994.33	3/4	1,652.99	3/4	1,311.66	3/4	970.56	3/4	629.49	3/4	288.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,987.22	7	1,645.88	7	1,304.55	7	963.46	7	622.38	7	281.05	7		7	7	7	7	7	7
1/4	1,980.11	1/4	1,638.77	1/4	1,297.43	1/4	956.37	1/4	615.27	1/4	273.94	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,973.00	1/2	1,631.66	1/2	1,290.32	1/2	949.27	1/2	608.15	1/2	266.83	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,965.89	3/4	1,624.55	3/4	1,283.21	3/4	942.17	3/4	601.04	3/4	259.72	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,958.78	8	1,617.44	8	1,276.10	8	935.07	8	593.93	8	252.60	8		8	8	8	8	8	8
1/4	1,951.67	1/4	1,610.33	1/4	1,268.99	1/4	927.98	1/4	586.82	1/4	245.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,944.55	1/2	1,603.22	1/2	1,261.88	1/2	920.88	1/2	579.71	1/2	238.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,937.44	3/4	1,596.11	3/4	1,254.77	3/4	913.78	3/4	572.60	3/4	231.27	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,930.33	9	1,588.99	9	1,247.66	9	906.69	9	565.49	9	224.16	9		9	9	9	9	9	9
1/4	1,923.22	1/4	1,581.88	1/4	1,240.55	1/4	899.59	1/4	558.38	1/4	217.05	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,916.11	1/2	1,574.77	1/2	1,233.43	1/2	892.49	1/2	551.27	1/2	209.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,909.00	3/4	1,567.66	3/4	1,226.32	3/4	885.39	3/4	544.16	3/4	202.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,901.89	10	1,560.55	10	1,219.21	10	878.30	10	537.04	10	195.72	10		10	10	10	10	10	10
1/4	1,894.78	1/4	1,553.44	1/4	1,212.10	1/4	871.20	1/4	529.93	1/4	188.61	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,887.66	1/2	1,546.33	1/2	1,204.99	1/2	864.10	1/2	522.82	1/2	181.49	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,880.55	3/4	1,539.22	3/4	1,197.88	3/4	857.01	3/4	515.71	3/4	174.38	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,873.44	11	1,532.10	11	1,190.77	11	849.91	11	508.60	11	167.27	11		11	11	11	11	11	11
1/4	1,866.33	1/4	1,524.99	1/4	1,183.66	1/4	842.80	1/4	501.49	1/4	160.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,859.22	1/2	1,517.88	1/2	1,176.54	1/2	835.70	1/2	494.38	1/2	153.05	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,852.11	3/4	1,510.77	3/4	1,169.43	3/4	828.59	3/4	487.27	3/4	145.94	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 0/2022



# BARGE "MPX 427"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 3/4"

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	101	0	259	0	416	0	517	0		0		0		0		0	
1/4	1	1/4	104	1/4	262	1/4	419	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	107	1/2	265	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	110	3/4	269	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	113	1	272	1	428	1	1	1	1	1	1	1	1	1	1	1	1
1/4	4	1/4	116	1/4	276	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	119	1/2	279	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	122	3/4	282	3/4	436	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	125	2	286	2	439	2	2	2	2	2	2	2	2	2	2	2	2
1/4	9	1/4	129	1/4	289	1/4	442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	132	1/2	293	1/2	444	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	135	3/4	296	3/4	447	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	138	3	300	3	450	3	3	3	3	3	3	3	3	3	3	3	3
1/4	15	1/4	141	1/4	303	1/4	453	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	144	1/2	306	1/2	455	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	148	3/4	310	3/4	458	3/4		3/4		3/4		3/4		3/4		3/4	
4	21	4	151	4	313	4	460	4	4	4	4	4	4	4	4	4	4	4	4
1/4	23	1/4	154	1/4	316	1/4	463	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25	1/2	157	1/2	320	1/2	465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	161	3/4	323	3/4	468	3/4		3/4		3/4		3/4		3/4		3/4	
5	29	5	164	5	327	5	470	5	5	5	5	5	5	5	5	5	5	5	5
1/4	31	1/4	167	1/4	330	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	170	1/2	333	1/2	475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	174	3/4	337	3/4	477	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	177	6	340	6	480	6	6	6	6	6	6	6	6	6	6	6	6
1/4	40	1/4	180	1/4	343	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	184	1/2	347	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	187	3/4	350	3/4	486	3/4		3/4		3/4		3/4		3/4		3/4	
7	47	7	190	7	353	7	488	7	7	7	7	7	7	7	7	7	7	7	7
1/4	49	1/4	194	1/4	356	1/4	490	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	197	1/2	360	1/2	492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	201	3/4	363	3/4	494	3/4		3/4		3/4		3/4		3/4		3/4	
8	57	8	204	8	366	8	496	8	8	8	8	8	8	8	8	8	8	8	8
1/4	59	1/4	207	1/4	369	1/4	498	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	211	1/2	373	1/2	500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	214	3/4	376	3/4	502	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	217	9	379	9	504	9	9	9	9	9	9	9	9	9	9	9	9
1/4	70	1/4	221	1/4	382	1/4	505	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	224	1/2	385	1/2	507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	228	3/4	388	3/4	508	3/4		3/4		3/4		3/4		3/4		3/4	
10	78	10	231	10	392	10	510	10	10	10	10	10	10	10	10	10	10	10	10
1/4	81	1/4	235	1/4	395	1/4	511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84	1/2	238	1/2	398	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87	3/4	241	3/4	401	3/4	513	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	245	11	404	11	514	11	11	11	11	11	11	11	11	11	11	11	11
1/4	92	1/4	248	1/4	407	1/4	515	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	252	1/2	410	1/2	516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	98	3/4	255	3/4	413	3/4	516	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" STANDPIPE

STRAPPED: 01/12/2022 JS  
CALCULATED: 01/13/2022 CL  
PRINTED: 01/14/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 427"

## PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-06 1/4"

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	1,105	0	2,210	0	3,315	0	4,420	0	5,525	0		0		0		0	
1/4	23	1/4	1,128	1/4	2,233	1/4	3,338	1/4	4,443	1/4	5,548	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46	1/2	1,151	1/2	2,256	1/2	3,361	1/2	4,466	1/2	5,571	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69	3/4	1,174	3/4	2,279	3/4	3,384	3/4	4,489	3/4	5,594	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	92	1	1,197	1	2,302	1	3,407	1	4,512	1		1	1	1	1	1	1	1	1
1/4	115	1/4	1,220	1/4	2,325	1/4	3,430	1/4	4,535	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	138	1/2	1,243	1/2	2,348	1/2	3,453	1/2	4,558	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161	3/4	1,266	3/4	2,371	3/4	3,476	3/4	4,581	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	184	2	1,289	2	2,394	2	3,499	2	4,604	2	2	2	2	2	2	2	2	2	2
1/4	207	1/4	1,312	1/4	2,417	1/4	3,522	1/4	4,627	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	230	1/2	1,335	1/2	2,440	1/2	3,545	1/2	4,650	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	253	3/4	1,358	3/4	2,463	3/4	3,568	3/4	4,673	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	276	3	1,381	3	2,486	3	3,591	3	4,696	3	3	3	3	3	3	3	3	3	3
1/4	299	1/4	1,404	1/4	2,509	1/4	3,614	1/4	4,719	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	322	1/2	1,427	1/2	2,532	1/2	3,637	1/2	4,742	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	345	3/4	1,450	3/4	2,555	3/4	3,660	3/4	4,765	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	368	4	1,473	4	2,578	4	3,683	4	4,788	4	4	4	4	4	4	4	4	4	4
1/4	391	1/4	1,496	1/4	2,601	1/4	3,706	1/4	4,811	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	414	1/2	1,519	1/2	2,624	1/2	3,729	1/2	4,834	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	437	3/4	1,542	3/4	2,647	3/4	3,752	3/4	4,857	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	460	5	1,565	5	2,670	5	3,775	5	4,880	5	5	5	5	5	5	5	5	5	5
1/4	483	1/4	1,588	1/4	2,693	1/4	3,798	1/4	4,903	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	506	1/2	1,611	1/2	2,716	1/2	3,821	1/2	4,926	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	529	3/4	1,634	3/4	2,739	3/4	3,844	3/4	4,949	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	552	6	1,657	6	2,762	6	3,867	6	4,972	6	6	6	6	6	6	6	6	6	6
1/4	576	1/4	1,680	1/4	2,785	1/4	3,890	1/4	4,995	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	599	1/2	1,704	1/2	2,808	1/2	3,913	1/2	5,018	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	622	3/4	1,727	3/4	2,831	3/4	3,936	3/4	5,041	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	645	7	1,750	7	2,855	7	3,959	7	5,064	7	7	7	7	7	7	7	7	7	7
1/4	668	1/4	1,773	1/4	2,878	1/4	3,983	1/4	5,087	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	691	1/2	1,796	1/2	2,901	1/2	4,006	1/2	5,111	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	714	3/4	1,819	3/4	2,924	3/4	4,029	3/4	5,134	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	737	8	1,842	8	2,947	8	4,052	8	5,157	8	8	8	8	8	8	8	8	8	8
1/4	760	1/4	1,865	1/4	2,970	1/4	4,075	1/4	5,180	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	783	1/2	1,888	1/2	2,993	1/2	4,098	1/2	5,203	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	806	3/4	1,911	3/4	3,016	3/4	4,121	3/4	5,226	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	829	9	1,934	9	3,039	9	4,144	9	5,249	9	9	9	9	9	9	9	9	9	9
1/4	852	1/4	1,957	1/4	3,062	1/4	4,167	1/4	5,272	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	875	1/2	1,980	1/2	3,085	1/2	4,190	1/2	5,295	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	898	3/4	2,003	3/4	3,108	3/4	4,213	3/4	5,318	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	921	10	2,026	10	3,131	10	4,236	10	5,341	10	10	10	10	10	10	10	10	10	10
1/4	944	1/4	2,049	1/4	3,154	1/4	4,259	1/4	5,364	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	967	1/2	2,072	1/2	3,177	1/2	4,282	1/2	5,387	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	990	3/4	2,095	3/4	3,200	3/4	4,305	3/4	5,410	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,013	11	2,118	11	3,223	11	4,328	11	5,433	11	11	11	11	11	11	11	11	11	11
1/4	1,036	1/4	2,141	1/4	3,246	1/4	4,351	1/4	5,456	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,059	1/2	2,164	1/2	3,269	1/2	4,374	1/2	5,479	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,082	3/4	2,187	3/4	3,292	3/4	4,397	3/4	5,502	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO 2" DIAMETER "HERMETIC" VALVE.

STRAPPED: 01/12/2022 JS  
 CALCULATED: 01/13/2022 CL  
 PRINTED: 01/14/2022 JS

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 01/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
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# BARGE "MPX 427"

## STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-06 1/4"

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	1,105	0	2,210	0	3,315	0	4,420	0	5,525	0		0		0		0	
1/4	23	1/4	1,128	1/4	2,233	1/4	3,338	1/4	4,443	1/4	5,548	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46	1/2	1,151	1/2	2,256	1/2	3,361	1/2	4,466	1/2	5,571	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69	3/4	1,174	3/4	2,279	3/4	3,384	3/4	4,489	3/4	5,594	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	92	1	1,197	1	2,302	1	3,407	1	4,512	1		1	1	1	1	1	1	1	1
1/4	115	1/4	1,220	1/4	2,325	1/4	3,430	1/4	4,535	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	138	1/2	1,243	1/2	2,348	1/2	3,453	1/2	4,558	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161	3/4	1,266	3/4	2,371	3/4	3,476	3/4	4,581	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	184	2	1,289	2	2,394	2	3,499	2	4,604	2	2	2	2	2	2	2	2	2	2
1/4	207	1/4	1,312	1/4	2,417	1/4	3,522	1/4	4,627	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	230	1/2	1,335	1/2	2,440	1/2	3,545	1/2	4,650	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	253	3/4	1,358	3/4	2,463	3/4	3,568	3/4	4,673	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	276	3	1,381	3	2,486	3	3,591	3	4,696	3	3	3	3	3	3	3	3	3	3
1/4	299	1/4	1,404	1/4	2,509	1/4	3,614	1/4	4,719	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	322	1/2	1,427	1/2	2,532	1/2	3,637	1/2	4,742	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	345	3/4	1,450	3/4	2,555	3/4	3,660	3/4	4,765	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	368	4	1,473	4	2,578	4	3,683	4	4,788	4	4	4	4	4	4	4	4	4	4
1/4	391	1/4	1,496	1/4	2,601	1/4	3,706	1/4	4,811	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	414	1/2	1,519	1/2	2,624	1/2	3,729	1/2	4,834	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	437	3/4	1,542	3/4	2,647	3/4	3,752	3/4	4,857	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	460	5	1,565	5	2,670	5	3,775	5	4,880	5	5	5	5	5	5	5	5	5	5
1/4	483	1/4	1,588	1/4	2,693	1/4	3,798	1/4	4,903	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	506	1/2	1,611	1/2	2,716	1/2	3,821	1/2	4,926	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	529	3/4	1,634	3/4	2,739	3/4	3,844	3/4	4,949	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	552	6	1,657	6	2,762	6	3,867	6	4,972	6	6	6	6	6	6	6	6	6	6
1/4	576	1/4	1,680	1/4	2,785	1/4	3,890	1/4	4,995	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	599	1/2	1,704	1/2	2,808	1/2	3,913	1/2	5,018	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	622	3/4	1,727	3/4	2,831	3/4	3,936	3/4	5,041	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	645	7	1,750	7	2,855	7	3,959	7	5,064	7	7	7	7	7	7	7	7	7	7
1/4	668	1/4	1,773	1/4	2,878	1/4	3,983	1/4	5,087	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	691	1/2	1,796	1/2	2,901	1/2	4,006	1/2	5,111	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	714	3/4	1,819	3/4	2,924	3/4	4,029	3/4	5,134	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	737	8	1,842	8	2,947	8	4,052	8	5,157	8	8	8	8	8	8	8	8	8	8
1/4	760	1/4	1,865	1/4	2,970	1/4	4,075	1/4	5,180	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	783	1/2	1,888	1/2	2,993	1/2	4,098	1/2	5,203	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	806	3/4	1,911	3/4	3,016	3/4	4,121	3/4	5,226	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	829	9	1,934	9	3,039	9	4,144	9	5,249	9	9	9	9	9	9	9	9	9	9
1/4	852	1/4	1,957	1/4	3,062	1/4	4,167	1/4	5,272	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	875	1/2	1,980	1/2	3,085	1/2	4,190	1/2	5,295	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	898	3/4	2,003	3/4	3,108	3/4	4,213	3/4	5,318	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	921	10	2,026	10	3,131	10	4,236	10	5,341	10	10	10	10	10	10	10	10	10	10
1/4	944	1/4	2,049	1/4	3,154	1/4	4,259	1/4	5,364	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	967	1/2	2,072	1/2	3,177	1/2	4,282	1/2	5,387	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	990	3/4	2,095	3/4	3,200	3/4	4,305	3/4	5,410	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,013	11	2,118	11	3,223	11	4,328	11	5,433	11	11	11	11	11	11	11	11	11	11
1/4	1,036	1/4	2,141	1/4	3,246	1/4	4,351	1/4	5,456	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,059	1/2	2,164	1/2	3,269	1/2	4,374	1/2	5,479	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,082	3/4	2,187	3/4	3,292	3/4	4,397	3/4	5,502	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO 2" DIAMETER "HERMETIC" VALVE.

STRAPPED: 01/12/2022 JS  
 CALCULATED: 01/13/2022 CL  
 PRINTED: 01/14/2022 JS

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 01/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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