



BARGE "HSM 716"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-0/8	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
1 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
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 PORT	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-7/8	01-7/8	- 02-1/4	02-1/4
3 STBD	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-7/8	01-7/8	- 02-1/4	02-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 240'-09"

April 12, 2019

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

<http://www.pmacorp.net>



BARGE "HSM 716"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-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	17.60	0	298.32	0	619.05	0	974.79	0	1,336.39	0	1,698.83	0	2,061.53	0	2,424.46	0	2,787.39	0	3,150.01
1/4	21.07	1/4	304.86	1/4	626.25	1/4	982.29	1/4	1,343.95	1/4	1,706.36	1/4	2,069.09	1/4	2,432.02	1/4	2,794.95	1/4	3,157.56
1/2	24.53	1/2	311.39	1/2	633.45	1/2	989.79	1/2	1,351.51	1/2	1,713.89	1/2	2,076.65	1/2	2,439.58	1/2	2,802.51	1/2	3,165.11
3/4	28.00	3/4	317.93	3/4	640.66	3/4	997.29	3/4	1,359.07	3/4	1,721.42	3/4	2,084.21	3/4	2,447.14	3/4	2,810.07	3/4	3,172.65
1	31.46	1	324.47	1	647.86	1	1,004.79	1	1,366.64	1	1,728.95	1	2,091.77	1	2,454.70	1	2,817.64	1	3,180.20
1/4	36.54	1/4	331.06	1/4	655.12	1/4	1,012.30	1/4	1,374.20	1/4	1,736.48	1/4	2,099.33	1/4	2,462.26	1/4	2,825.20	1/4	3,187.74
1/2	41.62	1/2	337.66	1/2	662.37	1/2	1,019.80	1/2	1,381.76	1/2	1,744.01	1/2	2,106.89	1/2	2,469.82	1/2	2,832.76	1/2	3,195.29
3/4	46.69	3/4	344.25	3/4	669.63	3/4	1,027.30	3/4	1,389.32	3/4	1,751.55	3/4	2,114.45	3/4	2,477.39	3/4	2,840.32	3/4	3,202.83
2	51.77	2	350.84	2	676.89	2	1,034.81	2	1,396.88	2	1,759.08	2	2,122.01	2	2,484.95	2	2,847.88	2	3,210.38
1/4	57.55	1/4	357.49	1/4	684.20	1/4	1,042.31	1/4	1,404.44	1/4	1,766.64	1/4	2,129.58	1/4	2,492.51	1/4	2,855.44	1/4	3,217.93
1/2	63.32	1/2	364.14	1/2	691.51	1/2	1,049.81	1/2	1,412.01	1/2	1,774.20	1/2	2,137.14	1/2	2,500.07	1/2	2,863.00	1/2	3,225.47
3/4	69.10	3/4	370.79	3/4	698.82	3/4	1,057.32	3/4	1,419.57	3/4	1,781.76	3/4	2,144.70	3/4	2,507.63	3/4	2,870.56	3/4	3,233.02
3	74.87	3	377.44	3	706.14	3	1,064.82	3	1,427.13	3	1,789.33	3	2,152.26	3	2,515.19	3	2,878.12	3	3,240.56
1/4	80.61	1/4	384.12	1/4	713.50	1/4	1,072.33	1/4	1,434.69	1/4	1,796.89	1/4	2,159.82	1/4	2,522.75	1/4	2,885.69	1/4	3,248.11
1/2	86.35	1/2	390.80	1/2	720.87	1/2	1,079.84	1/2	1,442.25	1/2	1,804.45	1/2	2,167.38	1/2	2,530.31	1/2	2,893.25	1/2	3,255.66
3/4	92.08	3/4	397.49	3/4	728.24	3/4	1,087.35	3/4	1,449.81	3/4	1,812.01	3/4	2,174.94	3/4	2,537.87	3/4	2,900.81	3/4	3,263.20
4	97.82	4	404.17	4	735.61	4	1,094.86	4	1,457.38	4	1,819.57	4	2,182.50	4	2,545.44	4	2,908.37	4	3,270.75
1/4	103.77	1/4	410.75	1/4	743.02	1/4	1,102.37	1/4	1,464.94	1/4	1,827.13	1/4	2,190.06	1/4	2,553.00	1/4	2,915.93	1/4	3,278.29
1/2	109.73	1/2	417.33	1/2	750.44	1/2	1,109.88	1/2	1,472.50	1/2	1,834.69	1/2	2,197.63	1/2	2,560.56	1/2	2,923.49	1/2	3,285.84
3/4	115.68	3/4	423.91	3/4	757.85	3/4	1,117.40	3/4	1,480.06	3/4	1,842.25	3/4	2,205.19	3/4	2,568.12	3/4	2,931.05	3/4	3,293.38
5	121.63	5	430.49	5	765.27	5	1,124.91	5	1,487.62	5	1,849.81	5	2,212.75	5	2,575.68	5	2,938.61	5	3,300.93
1/4	127.78	1/4	436.99	1/4	772.69	1/4	1,132.44	1/4	1,495.19	1/4	1,857.38	1/4	2,220.31	1/4	2,583.24	1/4	2,946.17	1/4	3,308.48
1/2	133.92	1/2	443.48	1/2	780.10	1/2	1,139.96	1/2	1,502.75	1/2	1,864.94	1/2	2,227.87	1/2	2,590.80	1/2	2,953.74	1/2	3,316.02
3/4	140.06	3/4	449.98	3/4	787.52	3/4	1,147.49	3/4	1,510.31	3/4	1,872.50	3/4	2,235.43	3/4	2,598.36	3/4	2,961.30	3/4	3,323.57
6	146.21	6	456.47	6	794.94	6	1,155.02	6	1,517.87	6	1,880.06	6	2,242.99	6	2,605.92	6	2,968.86	6	3,331.11
1/4	152.41	1/4	463.02	1/4	802.41	1/4	1,162.55	1/4	1,525.43	1/4	1,887.62	1/4	2,250.55	1/4	2,613.49	1/4	2,976.42	1/4	3,338.66
1/2	158.60	1/2	469.57	1/2	809.87	1/2	1,170.09	1/2	1,532.99	1/2	1,895.18	1/2	2,258.11	1/2	2,621.05	1/2	2,983.98	1/2	3,346.20
3/4	164.80	3/4	476.12	3/4	817.34	3/4	1,177.62	3/4	1,540.56	3/4	1,902.74	3/4	2,265.68	3/4	2,628.61	3/4	2,991.54	3/4	3,353.75
7	171.00	7	482.67	7	824.81	7	1,185.15	7	1,548.12	7	1,910.30	7	2,273.24	7	2,636.17	7	2,999.10	7	3,361.30
1/4	177.26	1/4	489.28	1/4	832.31	1/4	1,192.71	1/4	1,555.68	1/4	1,917.86	1/4	2,280.80	1/4	2,643.73	1/4	3,006.64	1/4	3,368.84
1/2	183.51	1/2	495.88	1/2	839.81	1/2	1,200.28	1/2	1,563.23	1/2	1,925.43	1/2	2,288.36	1/2	2,651.29	1/2	3,014.19	1/2	3,376.39
3/4	189.77	3/4	502.49	3/4	847.30	3/4	1,207.84	3/4	1,570.79	3/4	1,932.99	3/4	2,295.92	3/4	2,658.85	3/4	3,021.74	3/4	3,383.93
8	196.02	8	509.10	8	854.80	8	1,215.40	8	1,578.35	8	1,940.55	8	2,303.48	8	2,666.41	8	3,029.28	8	3,391.48
1/4	202.33	1/4	515.76	1/4	862.30	1/4	1,222.96	1/4	1,585.88	1/4	1,948.11	1/4	2,311.04	1/4	2,673.97	1/4	3,036.83	1/4	3,399.03
1/2	208.64	1/2	522.42	1/2	869.80	1/2	1,230.52	1/2	1,593.41	1/2	1,955.67	1/2	2,318.60	1/2	2,681.54	1/2	3,044.37	1/2	3,406.57
3/4	214.95	3/4	529.08	3/4	877.30	3/4	1,238.08	3/4	1,600.94	3/4	1,963.23	3/4	2,326.16	3/4	2,689.10	3/4	3,051.92	3/4	3,414.12
9	221.26	9	535.74	9	884.80	9	1,245.65	9	1,608.47	9	1,970.79	9	2,333.72	9	2,696.66	9	3,059.46	9	3,421.66
1/4	227.62	1/4	542.48	1/4	892.30	1/4	1,253.21	1/4	1,616.00	1/4	1,978.35	1/4	2,341.29	1/4	2,704.22	1/4	3,067.01	1/4	3,429.21
1/2	233.99	1/2	549.21	1/2	899.80	1/2	1,260.77	1/2	1,623.53	1/2	1,985.91	1/2	2,348.85	1/2	2,711.78	1/2	3,074.56	1/2	3,436.75
3/4	240.35	3/4	555.95	3/4	907.30	3/4	1,268.33	3/4	1,631.06	3/4	1,993.48	3/4	2,356.41	3/4	2,719.34	3/4	3,082.10	3/4	3,444.30
10	246.72	10	562.68	10	914.80	10	1,275.89	10	1,638.59	10	2,001.04	10	2,363.97	10	2,726.90	10	3,089.65	10	3,451.85
1/4	253.14	1/4	569.63	1/4	922.30	1/4	1,283.46	1/4	1,646.12	1/4	2,008.60	1/4	2,371.53	1/4	2,734.46	1/4	3,097.19	1/4	3,459.39
1/2	259.56	1/2	576.58	1/2	929.79	1/2	1,291.02	1/2	1,653.65	1/2	2,016.16	1/2	2,379.09	1/2	2,742.02	1/2	3,104.74	1/2	3,466.94
3/4	265.98	3/4	583.53	3/4	937.29	3/4	1,298.58	3/4	1,661.18	3/4	2,023.72	3/4	2,386.65	3/4	2,749.59	3/4	3,112.29	3/4	3,474.48
11	272.40	11	590.48	11	944.79	11	1,306.14	11	1,668.71	11	2,031.28	11	2,394.21	11	2,757.15	11	3,119.83	11	3,482.03
1/4	278.88	1/4	597.62	1/4	952.29	1/4	1,313.70	1/4	1,676.24	1/4	2,038.84	1/4	2,401.77	1/4	2,764.71	1/4	3,127.38	1/4	3,489.58
1/2	285.36	1/2	604.76	1/2	959.79	1/2	1,321.26	1/2	1,683.77	1/2	2,046.40	1/2	2,409.34	1/2	2,772.27	1/2	3,134.92	1/2	3,497.12
3/4	291.84	3/4	611.91	3/4	967.29	3/4	1,328.83	3/4	1,691.30	3/4	2,053.96	3/4	2,416.90	3/4	2,779.83	3/4	3,142.47	3/4	3,504.67

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "HSM 716"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,512.21	0		0		0		0		0		0		0		0		0	
1/4	3,519.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,527.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,534.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,542.40	1		1		1		1		1		1		1		1		1	
1/4	3,549.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,557.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,565.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,572.56	2		2		2		2		2		2		2		2		2	
1/4	3,580.06	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,587.57	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,595.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,602.59	3		3		3		3		3		3		3		3		3	
1/4	3,610.10	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,617.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,625.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,632.62	4		4		4		4		4		4		4		4		4	
1/4	3,640.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,647.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,655.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,662.65	5		5		5		5		5		5		5		5		5	
1/4	3,670.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,677.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,685.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,692.68	6		6		6		6		6		6		6		6		6	
1/4	3,700.15	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,707.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,715.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,722.53	7		7		7		7		7		7		7		7		7	
1/4	3,729.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,736.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,750.66	8		8		8		8		8		8		8		8		8	
1/4	3,756.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,763.22	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,769.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,775.78	9		9		9		9		9		9		9		9		9	
1/4	3,781.30	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,792.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,797.87	10		10		10		10		10		10		10		10		10	
1/4	3,802.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,816.94	11		11		11		11		11		11		11		11		11	
1/4	3,820.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,824.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2019 CL
CALCULATED: 04/12/2019 CL
PRINTED: 04/12/2019 CL

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019



BARGE "HSM 716"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-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	17.58	0	298.02	0	618.43	0	974.76	0	1,336.91	0	1,698.98	0	2,061.32	0	2,423.89	0	2,786.47	0	3,148.71
1/4	21.04	1/4	304.55	1/4	625.62	1/4	982.29	1/4	1,344.46	1/4	1,706.50	1/4	2,068.87	1/4	2,431.45	1/4	2,794.02	1/4	3,156.25
1/2	24.51	1/2	311.08	1/2	632.82	1/2	989.81	1/2	1,352.02	1/2	1,714.03	1/2	2,076.43	1/2	2,439.00	1/2	2,801.57	1/2	3,163.78
3/4	27.97	3/4	317.61	3/4	640.01	3/4	997.34	3/4	1,359.57	3/4	1,721.55	3/4	2,083.98	3/4	2,446.55	3/4	2,809.13	3/4	3,171.32
1	31.43	1	324.14	1	647.21	1	1,004.86	1	1,367.12	1	1,729.07	1	2,091.54	1	2,454.11	1	2,816.68	1	3,178.86
1/4	36.50	1/4	330.73	1/4	654.46	1/4	1,012.39	1/4	1,374.68	1/4	1,736.60	1/4	2,099.09	1/4	2,461.66	1/4	2,824.23	1/4	3,186.40
1/2	41.57	1/2	337.32	1/2	661.70	1/2	1,019.92	1/2	1,382.23	1/2	1,744.12	1/2	2,106.64	1/2	2,469.22	1/2	2,831.79	1/2	3,193.94
3/4	46.65	3/4	343.90	3/4	668.95	3/4	1,027.45	3/4	1,389.79	3/4	1,751.65	3/4	2,114.20	3/4	2,476.77	3/4	2,839.34	3/4	3,201.47
2	51.72	2	350.49	2	676.20	2	1,034.98	2	1,397.34	2	1,759.18	2	2,121.75	2	2,484.32	2	2,846.90	2	3,209.01
1/4	57.49	1/4	357.13	1/4	683.51	1/4	1,042.51	1/4	1,404.89	1/4	1,766.73	1/4	2,129.30	1/4	2,491.88	1/4	2,854.45	1/4	3,216.55
1/2	63.26	1/2	363.77	1/2	690.81	1/2	1,050.04	1/2	1,412.45	1/2	1,774.28	1/2	2,136.86	1/2	2,499.43	1/2	2,862.00	1/2	3,224.09
3/4	69.03	3/4	370.41	3/4	698.12	3/4	1,057.57	3/4	1,420.00	3/4	1,781.84	3/4	2,144.41	3/4	2,506.98	3/4	2,869.56	3/4	3,231.63
3	74.80	3	377.06	3	705.42	3	1,065.10	3	1,427.56	3	1,789.39	3	2,151.96	3	2,514.54	3	2,877.11	3	3,239.17
1/4	80.53	1/4	383.73	1/4	712.79	1/4	1,072.64	1/4	1,435.11	1/4	1,796.94	1/4	2,159.52	1/4	2,522.09	1/4	2,884.66	1/4	3,246.70
1/2	86.26	1/2	390.41	1/2	720.15	1/2	1,080.17	1/2	1,442.67	1/2	1,804.50	1/2	2,167.07	1/2	2,529.64	1/2	2,892.22	1/2	3,254.24
3/4	91.99	3/4	397.09	3/4	727.51	3/4	1,087.71	3/4	1,450.22	3/4	1,812.05	3/4	2,174.62	3/4	2,537.20	3/4	2,899.77	3/4	3,261.78
4	97.72	4	403.76	4	734.87	4	1,095.24	4	1,457.77	4	1,819.61	4	2,182.18	4	2,544.75	4	2,907.32	4	3,269.32
1/4	103.67	1/4	410.34	1/4	742.28	1/4	1,102.78	1/4	1,465.33	1/4	1,827.16	1/4	2,189.73	1/4	2,552.30	1/4	2,914.88	1/4	3,276.86
1/2	109.61	1/2	416.91	1/2	749.69	1/2	1,110.32	1/2	1,472.88	1/2	1,834.71	1/2	2,197.29	1/2	2,559.86	1/2	2,922.43	1/2	3,284.39
3/4	115.56	3/4	423.48	3/4	757.10	3/4	1,117.86	3/4	1,480.44	3/4	1,842.27	3/4	2,204.84	3/4	2,567.41	3/4	2,929.98	3/4	3,291.93
5	121.51	5	430.06	5	764.51	5	1,125.39	5	1,487.99	5	1,849.82	5	2,212.39	5	2,574.97	5	2,937.54	5	3,299.47
1/4	127.65	1/4	436.54	1/4	771.96	1/4	1,132.95	1/4	1,495.54	1/4	1,857.37	1/4	2,219.95	1/4	2,582.52	1/4	2,945.09	1/4	3,307.01
1/2	133.78	1/2	443.03	1/2	779.40	1/2	1,140.50	1/2	1,503.10	1/2	1,864.93	1/2	2,227.50	1/2	2,590.07	1/2	2,952.65	1/2	3,314.55
3/4	139.92	3/4	449.52	3/4	786.84	3/4	1,148.06	3/4	1,510.65	3/4	1,872.48	3/4	2,235.05	3/4	2,597.63	3/4	2,960.20	3/4	3,322.09
6	146.06	6	456.01	6	794.28	6	1,155.61	6	1,518.21	6	1,880.03	6	2,242.61	6	2,605.18	6	2,967.75	6	3,329.62
1/4	152.25	1/4	462.55	1/4	801.78	1/4	1,163.16	1/4	1,525.76	1/4	1,887.59	1/4	2,250.16	1/4	2,612.73	1/4	2,975.30	1/4	3,337.16
1/2	158.44	1/2	469.10	1/2	809.27	1/2	1,170.72	1/2	1,533.31	1/2	1,895.14	1/2	2,257.71	1/2	2,620.29	1/2	2,982.85	1/2	3,344.70
3/4	164.64	3/4	475.64	3/4	816.77	3/4	1,178.27	3/4	1,540.87	3/4	1,902.70	3/4	2,265.27	3/4	2,627.84	3/4	2,990.40	3/4	3,352.24
7	170.83	7	482.19	7	824.26	7	1,185.83	7	1,548.42	7	1,910.25	7	2,272.82	7	2,635.39	7	2,997.94	7	3,359.78
1/4	177.08	1/4	488.79	1/4	831.79	1/4	1,193.38	1/4	1,555.97	1/4	1,917.80	1/4	2,280.38	1/4	2,642.95	1/4	3,005.48	1/4	3,367.32
1/2	183.33	1/2	495.38	1/2	839.31	1/2	1,200.93	1/2	1,563.52	1/2	1,925.36	1/2	2,287.93	1/2	2,650.50	1/2	3,013.02	1/2	3,374.85
3/4	189.57	3/4	501.98	3/4	846.83	3/4	1,208.49	3/4	1,571.08	3/4	1,932.91	3/4	2,295.48	3/4	2,658.06	3/4	3,020.56	3/4	3,382.39
8	195.82	8	508.58	8	854.35	8	1,216.04	8	1,578.63	8	1,940.46	8	2,303.04	8	2,665.61	8	3,028.10	8	3,389.93
1/4	202.13	1/4	515.24	1/4	861.88	1/4	1,223.60	1/4	1,586.15	1/4	1,948.02	1/4	2,310.59	1/4	2,673.16	1/4	3,035.63	1/4	3,397.47
1/2	208.43	1/2	521.89	1/2	869.40	1/2	1,231.15	1/2	1,593.67	1/2	1,955.57	1/2	2,318.14	1/2	2,680.72	1/2	3,043.17	1/2	3,405.01
3/4	214.73	3/4	528.55	3/4	876.93	3/4	1,238.70	3/4	1,601.19	3/4	1,963.12	3/4	2,325.70	3/4	2,688.27	3/4	3,050.71	3/4	3,412.54
9	221.04	9	535.20	9	884.46	9	1,246.26	9	1,608.72	9	1,970.68	9	2,333.25	9	2,695.82	9	3,058.25	9	3,420.08
1/4	227.39	1/4	541.93	1/4	891.98	1/4	1,253.81	1/4	1,616.24	1/4	1,978.23	1/4	2,340.80	1/4	2,703.38	1/4	3,065.79	1/4	3,427.62
1/2	233.75	1/2	548.66	1/2	899.51	1/2	1,261.37	1/2	1,623.76	1/2	1,985.78	1/2	2,348.36	1/2	2,710.93	1/2	3,073.33	1/2	3,435.16
3/4	240.11	3/4	555.39	3/4	907.03	3/4	1,268.92	3/4	1,631.28	3/4	1,993.34	3/4	2,355.91	3/4	2,718.48	3/4	3,080.86	3/4	3,442.70
10	246.47	10	562.12	10	914.56	10	1,276.47	10	1,638.80	10	2,000.89	10	2,363.46	10	2,726.04	10	3,088.40	10	3,450.24
1/4	252.88	1/4	569.06	1/4	922.08	1/4	1,284.03	1/4	1,646.33	1/4	2,008.45	1/4	2,371.02	1/4	2,733.59	1/4	3,095.94	1/4	3,457.77
1/2	259.30	1/2	576.00	1/2	929.61	1/2	1,291.58	1/2	1,653.85	1/2	2,016.00	1/2	2,378.57	1/2	2,741.14	1/2	3,103.48	1/2	3,465.31
3/4	265.71	3/4	582.94	3/4	937.13	3/4	1,299.14	3/4	1,661.37	3/4	2,023.55	3/4	2,386.13	3/4	2,748.70	3/4	3,111.02	3/4	3,472.85
11	272.13	11	589.88	11	944.66	11	1,306.69	11	1,668.89	11	2,031.11	11	2,393.68	11	2,756.25	11	3,118.55	11	3,480.39
1/4	278.60	1/4	597.02	1/4	952.19	1/4	1,314.25	1/4	1,676.42	1/4	2,038.66	1/4	2,401.23	1/4	2,763.81	1/4	3,126.09	1/4	3,487.93
1/2	285.07	1/2	604.15	1/2	959.71	1/2	1,321.80	1/2	1,683.94	1/2	2,046.21	1/2	2,408.79	1/2	2,771.36	1/2	3,133.63	1/2	3,495.46
3/4	291.55	3/4	611.29	3/4	967.24	3/4	1,329.35	3/4	1,691.46	3/4	2,053.77	3/4	2,416.34	3/4	2,778.91	3/4	3,141.17	3/4	3,503.00

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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BARGE "HSM 716"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,510.54	0		0		0		0		0		0		0		0		0	
1/4	3,518.08	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,525.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,533.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,540.69	1		1		1		1		1		1		1		1		1	
1/4	3,548.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,555.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,563.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,570.82	2		2		2		2		2		2		2		2		2	
1/4	3,578.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,585.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,593.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,600.83	3		3		3		3		3		3		3		3		3	
1/4	3,608.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,615.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,630.83	4		4		4		4		4		4		4		4		4	
1/4	3,638.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,645.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,653.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,660.83	5		5		5		5		5		5		5		5		5	
1/4	3,668.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,675.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,683.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,690.83	6		6		6		6		6		6		6		6		6	
1/4	3,698.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,705.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,713.19	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,720.64	7		7		7		7		7		7		7		7		7	
1/4	3,727.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,734.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,741.72	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,748.75	8		8		8		8		8		8		8		8		8	
1/4	3,755.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,761.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,767.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,773.84	9		9		9		9		9		9		9		9		9	
1/4	3,779.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,784.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,790.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,795.91	10		10		10		10		10		10		10		10		10	
1/4	3,800.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,805.44	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,810.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,814.96	11		11		11		11		11		11		11		11		11	
1/4	3,818.97	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,822.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2019 CL
CALCULATED: 04/12/2019 CL
PRINTED: 04/12/2019 CL

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

**CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019**



BARGE "HSM 716"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-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	18.14	0	360.55	0	711.71	0	1,060.24	0	1,409.48	0	1,765.59	0	2,123.17	0	2,482.00	0	2,840.83	0	3,199.35
1/4	23.05	1/4	368.03	1/4	719.18	1/4	1,067.36	1/4	1,416.96	1/4	1,772.90	1/4	2,130.65	1/4	2,489.48	1/4	2,848.31	1/4	3,206.81
1/2	27.95	1/2	375.51	1/2	726.66	1/2	1,074.47	1/2	1,424.44	1/2	1,780.21	1/2	2,138.12	1/2	2,496.95	1/2	2,855.78	1/2	3,214.27
3/4	32.86	3/4	382.98	3/4	734.13	3/4	1,081.59	3/4	1,431.91	3/4	1,787.52	3/4	2,145.60	3/4	2,504.43	3/4	2,863.26	3/4	3,221.73
1	37.77	1	390.46	1	741.61	1	1,088.70	1	1,439.39	1	1,794.83	1	2,153.08	1	2,511.90	1	2,870.73	1	3,229.19
1/4	44.40	1/4	397.93	1/4	749.09	1/4	1,095.82	1/4	1,446.87	1/4	1,802.16	1/4	2,160.55	1/4	2,519.38	1/4	2,878.21	1/4	3,236.66
1/2	51.03	1/2	405.41	1/2	756.56	1/2	1,102.94	1/2	1,454.34	1/2	1,809.49	1/2	2,168.03	1/2	2,526.86	1/2	2,885.68	1/2	3,244.12
3/4	57.67	3/4	412.89	3/4	764.04	3/4	1,110.05	3/4	1,461.82	3/4	1,816.82	3/4	2,175.50	3/4	2,534.33	3/4	2,893.16	3/4	3,251.58
2	64.30	2	420.36	2	771.51	2	1,117.17	2	1,469.30	2	1,824.15	2	2,182.98	2	2,541.81	2	2,900.64	2	3,259.04
1/4	71.57	1/4	427.84	1/4	778.99	1/4	1,124.29	1/4	1,476.77	1/4	1,831.62	1/4	2,190.45	1/4	2,549.28	1/4	2,908.11	1/4	3,266.50
1/2	78.84	1/2	435.31	1/2	786.47	1/2	1,131.41	1/2	1,484.25	1/2	1,839.10	1/2	2,197.93	1/2	2,556.76	1/2	2,915.59	1/2	3,273.96
3/4	86.10	3/4	442.79	3/4	793.94	3/4	1,138.53	3/4	1,491.72	3/4	1,846.58	3/4	2,205.40	3/4	2,564.23	3/4	2,923.06	3/4	3,281.42
3	93.37	3	450.27	3	801.42	3	1,145.65	3	1,499.20	3	1,854.05	3	2,212.88	3	2,571.71	3	2,930.54	3	3,288.88
1/4	100.54	1/4	457.72	1/4	808.89	1/4	1,152.77	1/4	1,506.68	1/4	1,861.53	1/4	2,220.36	1/4	2,579.18	1/4	2,938.01	1/4	3,296.34
1/2	107.72	1/2	465.18	1/2	816.37	1/2	1,159.90	1/2	1,514.15	1/2	1,869.00	1/2	2,227.83	1/2	2,586.66	1/2	2,945.49	1/2	3,303.80
3/4	114.89	3/4	472.64	3/4	823.85	3/4	1,167.02	3/4	1,521.63	3/4	1,876.48	3/4	2,235.31	3/4	2,594.14	3/4	2,952.96	3/4	3,311.26
4	122.06	4	480.09	4	831.32	4	1,174.14	4	1,529.11	4	1,883.95	4	2,242.78	4	2,601.61	4	2,960.44	4	3,318.72
1/4	129.40	1/4	487.39	1/4	838.75	1/4	1,181.27	1/4	1,536.58	1/4	1,891.43	1/4	2,250.26	1/4	2,609.09	1/4	2,967.92	1/4	3,326.18
1/2	136.73	1/2	494.68	1/2	846.18	1/2	1,188.40	1/2	1,544.06	1/2	1,898.90	1/2	2,257.73	1/2	2,616.56	1/2	2,975.39	1/2	3,333.64
3/4	144.06	3/4	501.98	3/4	853.62	3/4	1,195.52	3/4	1,551.53	3/4	1,906.38	3/4	2,265.21	3/4	2,624.04	3/4	2,982.87	3/4	3,341.10
5	151.40	5	509.28	5	861.05	5	1,202.65	5	1,559.01	5	1,913.86	5	2,272.68	5	2,631.51	5	2,990.34	5	3,348.56
1/4	158.87	1/4	516.43	1/4	868.16	1/4	1,209.79	1/4	1,566.49	1/4	1,921.33	1/4	2,280.16	1/4	2,638.99	1/4	2,997.82	1/4	3,356.02
1/2	166.34	1/2	523.59	1/2	875.27	1/2	1,216.93	1/2	1,573.96	1/2	1,928.81	1/2	2,287.64	1/2	2,646.46	1/2	3,005.29	1/2	3,363.48
3/4	173.81	3/4	530.75	3/4	882.39	3/4	1,224.08	3/4	1,581.44	3/4	1,936.28	3/4	2,295.11	3/4	2,653.94	3/4	3,012.77	3/4	3,370.94
6	181.28	6	537.90	6	889.50	6	1,231.22	6	1,588.92	6	1,943.76	6	2,302.59	6	2,661.42	6	3,020.24	6	3,378.40
1/4	188.74	1/4	545.06	1/4	896.62	1/4	1,238.41	1/4	1,596.39	1/4	1,951.23	1/4	2,310.06	1/4	2,668.89	1/4	3,027.72	1/4	3,385.86
1/2	196.21	1/2	552.21	1/2	903.73	1/2	1,245.59	1/2	1,603.87	1/2	1,958.71	1/2	2,317.54	1/2	2,676.37	1/2	3,035.20	1/2	3,393.32
3/4	203.68	3/4	559.37	3/4	910.85	3/4	1,252.77	3/4	1,611.35	3/4	1,966.19	3/4	2,325.01	3/4	2,683.84	3/4	3,042.67	3/4	3,400.78
7	211.15	7	566.53	7	917.96	7	1,259.96	7	1,618.82	7	1,973.66	7	2,332.49	7	2,691.32	7	3,050.15	7	3,408.24
1/4	218.62	1/4	573.68	1/4	925.07	1/4	1,267.44	1/4	1,626.28	1/4	1,981.14	1/4	2,339.97	1/4	2,698.79	1/4	3,057.61	1/4	3,415.70
1/2	226.09	1/2	580.84	1/2	932.19	1/2	1,274.91	1/2	1,633.73	1/2	1,988.61	1/2	2,347.44	1/2	2,706.27	1/2	3,065.07	1/2	3,423.16
3/4	233.56	3/4	588.00	3/4	939.30	3/4	1,282.39	3/4	1,641.19	3/4	1,996.09	3/4	2,354.92	3/4	2,713.75	3/4	3,072.53	3/4	3,430.62
8	241.03	8	595.15	8	946.42	8	1,289.86	8	1,648.64	8	2,003.56	8	2,362.39	8	2,721.22	8	3,079.99	8	3,438.08
1/4	248.50	1/4	602.31	1/4	953.53	1/4	1,297.34	1/4	1,655.95	1/4	2,011.04	1/4	2,369.87	1/4	2,728.70	1/4	3,087.45	1/4	3,445.54
1/2	255.97	1/2	609.47	1/2	960.64	1/2	1,304.82	1/2	1,663.26	1/2	2,018.51	1/2	2,377.34	1/2	2,736.17	1/2	3,094.91	1/2	3,453.00
3/4	263.44	3/4	616.62	3/4	967.76	3/4	1,312.29	3/4	1,670.57	3/4	2,025.99	3/4	2,384.82	3/4	2,743.65	3/4	3,102.37	3/4	3,460.46
9	270.91	9	623.78	9	974.87	9	1,319.77	9	1,677.88	9	2,033.47	9	2,392.29	9	2,751.12	9	3,109.83	9	3,467.92
1/4	278.38	1/4	630.95	1/4	981.99	1/4	1,327.25	1/4	1,685.19	1/4	2,040.94	1/4	2,399.77	1/4	2,758.60	1/4	3,117.29	1/4	3,475.38
1/2	285.84	1/2	638.13	1/2	989.10	1/2	1,334.72	1/2	1,692.50	1/2	2,048.42	1/2	2,407.25	1/2	2,766.07	1/2	3,124.75	1/2	3,482.85
3/4	293.31	3/4	645.31	3/4	996.21	3/4	1,342.20	3/4	1,699.81	3/4	2,055.89	3/4	2,414.72	3/4	2,773.55	3/4	3,132.21	3/4	3,490.31
10	300.78	10	652.48	10	1,003.33	10	1,349.67	10	1,707.12	10	2,063.37	10	2,422.20	10	2,781.03	10	3,139.67	10	3,497.77
1/4	308.25	1/4	659.82	1/4	1,010.44	1/4	1,357.15	1/4	1,714.43	1/4	2,070.84	1/4	2,429.67	1/4	2,788.50	1/4	3,147.13	1/4	3,505.23
1/2	315.72	1/2	667.15	1/2	1,017.56	1/2	1,364.63	1/2	1,721.74	1/2	2,078.32	1/2	2,437.15	1/2	2,795.98	1/2	3,154.59	1/2	3,512.69
3/4	323.19	3/4	674.48	3/4	1,024.67	3/4	1,372.10	3/4	1,729.05	3/4	2,085.79	3/4	2,444.62	3/4	2,803.45	3/4	3,162.05	3/4	3,520.15
11	330.66	11	681.81	11	1,031.78	11	1,379.58	11	1,736.35	11	2,093.27	11	2,452.10	11	2,810.93	11	3,169.51	11	3,527.61
1/4	338.14	1/4	689.29	1/4	1,038.90	1/4	1,387.06	1/4	1,743.66	1/4	2,100.75	1/4	2,459.57	1/4	2,818.40	1/4	3,176.97	1/4	3,535.07
1/2	345.61	1/2	696.76	1/2	1,046.01	1/2	1,394.53	1/2	1,750.97	1/2	2,108.22	1/2	2,467.05	1/2	2,825.88	1/2	3,184.43	1/2	3,542.53
3/4	353.08	3/4	704.23	3/4	1,053.13	3/4	1,402.01	3/4	1,758.28	3/4	2,115.70	3/4	2,474.53	3/4	2,833.35	3/4	3,191.89	3/4	3,549.99

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "HSM 716"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,557.45	0		0		0		0		0		0		0		0		0	
1/4	3,564.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,572.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,579.83	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,587.29	1		1		1		1		1		1		1		1		1	
1/4	3,594.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,602.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,609.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,617.11	2		2		2		2		2		2		2		2		2	
1/4	3,624.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,631.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,639.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,646.80	3		3		3		3		3		3		3		3		3	
1/4	3,654.22	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,661.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,669.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,676.49	4		4		4		4		4		4		4		4		4	
1/4	3,683.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,691.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,698.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,706.18	5		5		5		5		5		5		5		5		5	
1/4	3,713.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,721.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,728.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,735.87	6		6		6		6		6		6		6		6		6	
1/4	3,743.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,750.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,758.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,765.37	7		7		7		7		7		7		7		7		7	
1/4	3,772.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,779.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,793.20	8		8		8		8		8		8		8		8		8	
1/4	3,799.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,805.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,811.82	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,818.03	9		9		9		9		9		9		9		9		9	
1/4	3,823.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,828.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,834.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,839.87	10		10		10		10		10		10		10		10		10	
1/4	3,844.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,849.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,854.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,858.72	11		11		11		11		11		11		11		11		11	
1/4	3,862.68	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2019 CL
CALCULATED: 04/12/2019 CL
PRINTED: 04/12/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019

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



BARGE "HSM 716"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06"

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	18.15	0	360.69	0	711.97	0	1,070.13	0	1,428.67	0	1,784.91	0	2,142.62	0	2,501.58	0	2,860.54	0	3,219.20
1/4	23.06	1/4	368.16	1/4	719.44	1/4	1,077.58	1/4	1,436.15	1/4	1,792.22	1/4	2,150.10	1/4	2,509.06	1/4	2,868.02	1/4	3,226.66
1/2	27.96	1/2	375.64	1/2	726.92	1/2	1,085.03	1/2	1,443.63	1/2	1,799.54	1/2	2,157.58	1/2	2,516.54	1/2	2,875.50	1/2	3,234.12
3/4	32.87	3/4	383.12	3/4	734.40	3/4	1,092.49	3/4	1,451.11	3/4	1,806.85	3/4	2,165.06	3/4	2,524.02	3/4	2,882.97	3/4	3,241.58
1	37.78	1	390.60	1	741.88	1	1,099.94	1	1,458.59	1	1,814.16	1	2,172.54	1	2,531.49	1	2,890.45	1	3,249.05
1/4	44.42	1/4	398.08	1/4	749.36	1/4	1,107.39	1/4	1,466.07	1/4	1,821.49	1/4	2,180.01	1/4	2,538.97	1/4	2,897.93	1/4	3,256.51
1/2	51.05	1/2	405.56	1/2	756.84	1/2	1,114.84	1/2	1,473.55	1/2	1,828.82	1/2	2,187.49	1/2	2,546.45	1/2	2,905.41	1/2	3,263.97
3/4	57.69	3/4	413.04	3/4	764.32	3/4	1,122.30	3/4	1,481.03	3/4	1,836.16	3/4	2,194.97	3/4	2,553.93	3/4	2,912.89	3/4	3,271.44
2	64.32	2	420.52	2	771.80	2	1,129.75	2	1,488.51	2	1,843.49	2	2,202.45	2	2,561.41	2	2,920.37	2	3,278.90
1/4	71.59	1/4	428.00	1/4	779.28	1/4	1,137.21	1/4	1,495.99	1/4	1,850.97	1/4	2,209.93	1/4	2,568.89	1/4	2,927.84	1/4	3,286.36
1/2	78.86	1/2	435.47	1/2	786.75	1/2	1,144.66	1/2	1,503.46	1/2	1,858.45	1/2	2,217.41	1/2	2,576.36	1/2	2,935.32	1/2	3,293.83
3/4	86.13	3/4	442.95	3/4	794.23	3/4	1,152.12	3/4	1,510.94	3/4	1,865.92	3/4	2,224.88	3/4	2,583.84	3/4	2,942.80	3/4	3,301.29
3	93.40	3	450.43	3	801.71	3	1,159.57	3	1,518.42	3	1,873.40	3	2,232.36	3	2,591.32	3	2,950.28	3	3,308.75
1/4	100.58	1/4	457.89	1/4	809.19	1/4	1,167.03	1/4	1,525.90	1/4	1,880.88	1/4	2,239.84	1/4	2,598.80	1/4	2,957.76	1/4	3,316.21
1/2	107.76	1/2	465.35	1/2	816.67	1/2	1,174.49	1/2	1,533.38	1/2	1,888.36	1/2	2,247.32	1/2	2,606.28	1/2	2,965.24	1/2	3,323.68
3/4	114.93	3/4	472.81	3/4	824.15	3/4	1,181.95	3/4	1,540.86	3/4	1,895.84	3/4	2,254.80	3/4	2,613.75	3/4	2,972.71	3/4	3,331.14
4	122.11	4	480.27	4	831.63	4	1,189.41	4	1,548.34	4	1,903.32	4	2,262.27	4	2,621.23	4	2,980.19	4	3,338.60
1/4	129.44	1/4	487.56	1/4	839.10	1/4	1,196.87	1/4	1,555.82	1/4	1,910.79	1/4	2,269.75	1/4	2,628.71	1/4	2,987.67	1/4	3,346.07
1/2	136.78	1/2	494.86	1/2	846.58	1/2	1,204.34	1/2	1,563.30	1/2	1,918.27	1/2	2,277.23	1/2	2,636.19	1/2	2,995.15	1/2	3,353.53
3/4	144.12	3/4	502.16	3/4	854.05	3/4	1,211.80	3/4	1,570.78	3/4	1,925.75	3/4	2,284.71	3/4	2,643.67	3/4	3,002.63	3/4	3,360.99
5	151.45	5	509.46	5	861.53	5	1,219.26	5	1,578.25	5	1,933.23	5	2,292.19	5	2,651.15	5	3,010.10	5	3,368.46
1/4	158.93	1/4	516.62	1/4	868.98	1/4	1,226.74	1/4	1,585.73	1/4	1,940.71	1/4	2,299.67	1/4	2,658.62	1/4	3,017.58	1/4	3,375.92
1/2	166.40	1/2	523.78	1/2	876.43	1/2	1,234.22	1/2	1,593.21	1/2	1,948.19	1/2	2,307.14	1/2	2,666.10	1/2	3,025.06	1/2	3,383.38
3/4	173.87	3/4	530.94	3/4	883.88	3/4	1,241.70	3/4	1,600.69	3/4	1,955.66	3/4	2,314.62	3/4	2,673.58	3/4	3,032.54	3/4	3,390.84
6	181.34	6	538.10	6	891.33	6	1,249.18	6	1,608.17	6	1,963.14	6	2,322.10	6	2,681.06	6	3,040.02	6	3,398.31
1/4	188.81	1/4	545.26	1/4	898.78	1/4	1,256.66	1/4	1,615.65	1/4	1,970.62	1/4	2,329.58	1/4	2,688.54	1/4	3,047.50	1/4	3,405.77
1/2	196.29	1/2	552.42	1/2	906.23	1/2	1,264.14	1/2	1,623.13	1/2	1,978.10	1/2	2,337.06	1/2	2,696.02	1/2	3,054.98	1/2	3,413.23
3/4	203.76	3/4	559.58	3/4	913.68	3/4	1,271.62	3/4	1,630.61	3/4	1,985.58	3/4	2,344.54	3/4	2,703.49	3/4	3,062.46	3/4	3,420.70
7	211.23	7	566.73	7	921.13	7	1,279.09	7	1,638.09	7	1,993.06	7	2,352.01	7	2,710.97	7	3,069.94	7	3,428.16
1/4	218.70	1/4	573.89	1/4	928.58	1/4	1,286.57	1/4	1,645.55	1/4	2,000.53	1/4	2,359.49	1/4	2,718.45	1/4	3,077.40	1/4	3,435.62
1/2	226.17	1/2	581.05	1/2	936.03	1/2	1,294.05	1/2	1,653.00	1/2	2,008.01	1/2	2,366.97	1/2	2,725.93	1/2	3,084.86	1/2	3,443.09
3/4	233.65	3/4	588.21	3/4	943.48	3/4	1,301.53	3/4	1,660.46	3/4	2,015.49	3/4	2,374.45	3/4	2,733.41	3/4	3,092.32	3/4	3,450.55
8	241.12	8	595.37	8	950.93	8	1,309.01	8	1,667.92	8	2,022.97	8	2,381.93	8	2,740.89	8	3,099.79	8	3,458.01
1/4	248.59	1/4	602.53	1/4	958.38	1/4	1,316.49	1/4	1,675.23	1/4	2,030.45	1/4	2,389.41	1/4	2,748.36	1/4	3,107.25	1/4	3,465.47
1/2	256.06	1/2	609.69	1/2	965.83	1/2	1,323.97	1/2	1,682.55	1/2	2,037.93	1/2	2,396.88	1/2	2,755.84	1/2	3,114.71	1/2	3,472.94
3/4	263.53	3/4	616.85	3/4	973.28	3/4	1,331.45	3/4	1,689.86	3/4	2,045.40	3/4	2,404.36	3/4	2,763.32	3/4	3,122.18	3/4	3,480.40
9	271.00	9	624.01	9	980.73	9	1,338.93	9	1,697.17	9	2,052.88	9	2,411.84	9	2,770.80	9	3,129.64	9	3,487.86
1/4	278.48	1/4	631.19	1/4	988.18	1/4	1,346.41	1/4	1,704.48	1/4	2,060.36	1/4	2,419.32	1/4	2,778.28	1/4	3,137.10	1/4	3,495.33
1/2	285.95	1/2	638.36	1/2	995.63	1/2	1,353.88	1/2	1,711.79	1/2	2,067.84	1/2	2,426.80	1/2	2,785.76	1/2	3,144.57	1/2	3,502.79
3/4	293.42	3/4	645.54	3/4	1,003.08	3/4	1,361.36	3/4	1,719.10	3/4	2,075.32	3/4	2,434.28	3/4	2,793.23	3/4	3,152.03	3/4	3,510.25
10	300.89	10	652.72	10	1,010.53	10	1,368.84	10	1,726.42	10	2,082.80	10	2,441.75	10	2,800.71	10	3,159.49	10	3,517.72
1/4	308.37	1/4	660.06	1/4	1,017.98	1/4	1,376.32	1/4	1,733.73	1/4	2,090.27	1/4	2,449.23	1/4	2,808.19	1/4	3,166.95	1/4	3,525.18
1/2	315.84	1/2	667.39	1/2	1,025.43	1/2	1,383.80	1/2	1,741.04	1/2	2,097.75	1/2	2,456.71	1/2	2,815.67	1/2	3,174.42	1/2	3,532.64
3/4	323.31	3/4	674.73	3/4	1,032.88	3/4	1,391.28	3/4	1,748.35	3/4	2,105.23	3/4	2,464.19	3/4	2,823.15	3/4	3,181.88	3/4	3,540.10
11	330.78	11	682.06	11	1,040.33	11	1,398.76	11	1,755.66	11	2,112.71	11	2,471.67	11	2,830.63	11	3,189.34	11	3,547.57
1/4	338.26	1/4	689.54	1/4	1,047.78	1/4	1,406.24	1/4	1,762.98	1/4	2,120.19	1/4	2,479.15	1/4	2,838.10	1/4	3,196.81	1/4	3,555.03
1/2	345.73	1/2	697.01	1/2	1,055.23	1/2	1,413.72	1/2	1,770.29	1/2	2,127.67	1/2	2,486.62	1/2	2,845.58	1/2	3,204.27	1/2	3,562.49
3/4	353.21	3/4	704.49	3/4	1,062.68	3/4	1,421.20	3/4	1,777.60	3/4	2,135.14	3/4	2,494.10	3/4	2,853.06	3/4	3,211.73	3/4	3,569.96

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "HSM 716"

**2 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06"

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	3,577.42	0		0		0		0		0		0		0		0		0	
1/4	3,584.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,592.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,599.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,607.27	1		1		1		1		1		1		1		1		1	
1/4	3,614.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,622.19	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,629.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,637.10	2		2		2		2		2		2		2		2		2	
1/4	3,644.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,651.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,659.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,666.80	3		3		3		3		3		3		3		3		3	
1/4	3,674.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,681.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,689.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,696.50	4		4		4		4		4		4		4		4		4	
1/4	3,703.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,711.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,718.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,726.21	5		5		5		5		5		5		5		5		5	
1/4	3,733.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,741.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,748.48	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,755.91	6		6		6		6		6		6		6		6		6	
1/4	3,763.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,770.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,778.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,785.42	7		7		7		7		7		7		7		7		7	
1/4	3,792.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,799.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,806.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,813.26	8		8		8		8		8		8		8		8		8	
1/4	3,819.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,825.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,831.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,838.10	9		9		9		9		9		9		9		9		9	
1/4	3,843.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,849.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,854.48	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,859.94	10		10		10		10		10		10		10		10		10	
1/4	3,864.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,869.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,874.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,878.80	11		11		11		11		11		11		11		11		11	
1/4	3,882.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,886.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2019 CL
CALCULATED: 04/12/2019 CL
PRINTED: 04/12/2019 CL

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019



BARGE "HSM 716"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-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	18.08	0	359.20	0	708.46	0	1,054.46	0	1,400.98	0	1,754.93	0	2,110.19	0	2,466.96	0	2,823.73	0	3,180.18
1/4	22.96	1/4	366.64	1/4	715.90	1/4	1,061.51	1/4	1,408.40	1/4	1,762.20	1/4	2,117.62	1/4	2,474.39	1/4	2,831.16	1/4	3,187.60
1/2	27.85	1/2	374.09	1/2	723.33	1/2	1,068.56	1/2	1,415.83	1/2	1,769.47	1/2	2,125.06	1/2	2,481.83	1/2	2,838.60	1/2	3,195.02
3/4	32.74	3/4	381.54	3/4	730.77	3/4	1,075.62	3/4	1,423.26	3/4	1,776.75	3/4	2,132.49	3/4	2,489.26	3/4	2,846.03	3/4	3,202.43
1	37.63	1	388.99	1	738.21	1	1,082.67	1	1,430.68	1	1,784.02	1	2,139.92	1	2,496.69	1	2,853.46	1	3,209.85
1/4	44.24	1/4	396.43	1/4	745.64	1/4	1,089.72	1/4	1,438.11	1/4	1,791.31	1/4	2,147.35	1/4	2,504.12	1/4	2,860.89	1/4	3,217.27
1/2	50.85	1/2	403.88	1/2	753.08	1/2	1,096.78	1/2	1,445.54	1/2	1,798.60	1/2	2,154.79	1/2	2,511.56	1/2	2,868.33	1/2	3,224.69
3/4	57.45	3/4	411.33	3/4	760.51	3/4	1,103.84	3/4	1,452.96	3/4	1,805.90	3/4	2,162.22	3/4	2,518.99	3/4	2,875.76	3/4	3,232.10
2	64.06	2	418.77	2	767.95	2	1,110.89	2	1,460.39	2	1,813.19	2	2,169.65	2	2,526.42	2	2,883.19	2	3,239.52
1/4	71.30	1/4	426.21	1/4	775.39	1/4	1,117.95	1/4	1,467.82	1/4	1,820.61	1/4	2,177.08	1/4	2,533.85	1/4	2,890.62	1/4	3,246.94
1/2	78.54	1/2	433.65	1/2	782.82	1/2	1,125.01	1/2	1,475.24	1/2	1,828.04	1/2	2,184.52	1/2	2,541.29	1/2	2,898.06	1/2	3,254.36
3/4	85.78	3/4	441.08	3/4	790.26	3/4	1,132.06	3/4	1,482.67	3/4	1,835.46	3/4	2,191.95	3/4	2,548.72	3/4	2,905.49	3/4	3,261.77
3	93.02	3	448.52	3	797.70	3	1,139.12	3	1,490.09	3	1,842.89	3	2,199.38	3	2,556.15	3	2,912.92	3	3,269.19
1/4	100.16	1/4	455.93	1/4	805.13	1/4	1,146.18	1/4	1,497.52	1/4	1,850.31	1/4	2,206.82	1/4	2,563.59	1/4	2,920.35	1/4	3,276.61
1/2	107.31	1/2	463.35	1/2	812.57	1/2	1,153.24	1/2	1,504.95	1/2	1,857.74	1/2	2,214.25	1/2	2,571.02	1/2	2,927.79	1/2	3,284.03
3/4	114.45	3/4	470.77	3/4	820.00	3/4	1,160.31	3/4	1,512.37	3/4	1,865.16	3/4	2,221.68	3/4	2,578.45	3/4	2,935.22	3/4	3,291.44
4	121.60	4	478.18	4	827.44	4	1,167.37	4	1,519.80	4	1,872.59	4	2,229.11	4	2,585.88	4	2,942.65	4	3,298.86
1/4	128.91	1/4	485.44	1/4	834.83	1/4	1,174.43	1/4	1,527.23	1/4	1,880.01	1/4	2,236.55	1/4	2,593.32	1/4	2,950.09	1/4	3,306.28
1/2	136.21	1/2	492.70	1/2	842.22	1/2	1,181.50	1/2	1,534.65	1/2	1,887.44	1/2	2,243.98	1/2	2,600.75	1/2	2,957.52	1/2	3,313.69
3/4	143.52	3/4	499.95	3/4	849.61	3/4	1,188.56	3/4	1,542.08	3/4	1,894.86	3/4	2,251.41	3/4	2,608.18	3/4	2,964.95	3/4	3,321.11
5	150.82	5	507.21	5	856.99	5	1,195.63	5	1,549.51	5	1,902.29	5	2,258.84	5	2,615.61	5	2,972.38	5	3,328.53
1/4	158.27	1/4	514.33	1/4	864.05	1/4	1,202.71	1/4	1,556.93	1/4	1,909.71	1/4	2,266.28	1/4	2,623.05	1/4	2,979.82	1/4	3,335.95
1/2	165.71	1/2	521.44	1/2	871.10	1/2	1,209.79	1/2	1,564.36	1/2	1,917.14	1/2	2,273.71	1/2	2,630.48	1/2	2,987.25	1/2	3,343.36
3/4	173.15	3/4	528.56	3/4	878.15	3/4	1,216.87	3/4	1,571.79	3/4	1,924.56	3/4	2,281.14	3/4	2,637.91	3/4	2,994.68	3/4	3,350.78
6	180.59	6	535.68	6	885.20	6	1,223.95	6	1,579.21	6	1,931.99	6	2,288.58	6	2,645.34	6	3,002.11	6	3,358.20
1/4	188.03	1/4	542.79	1/4	892.26	1/4	1,231.07	1/4	1,586.64	1/4	1,939.41	1/4	2,296.01	1/4	2,652.78	1/4	3,009.55	1/4	3,365.62
1/2	195.47	1/2	549.90	1/2	899.31	1/2	1,238.20	1/2	1,594.07	1/2	1,946.84	1/2	2,303.44	1/2	2,660.21	1/2	3,016.98	1/2	3,373.03
3/4	202.91	3/4	557.02	3/4	906.36	3/4	1,245.32	3/4	1,601.49	3/4	1,954.26	3/4	2,310.87	3/4	2,667.64	3/4	3,024.41	3/4	3,380.45
7	210.35	7	564.13	7	913.41	7	1,252.45	7	1,608.92	7	1,961.69	7	2,318.31	7	2,675.08	7	3,031.84	7	3,387.87
1/4	217.80	1/4	571.24	1/4	920.46	1/4	1,259.87	1/4	1,616.33	1/4	1,969.11	1/4	2,325.74	1/4	2,682.51	1/4	3,039.25	1/4	3,395.28
1/2	225.24	1/2	578.36	1/2	927.52	1/2	1,267.30	1/2	1,623.73	1/2	1,976.54	1/2	2,333.17	1/2	2,689.94	1/2	3,046.67	1/2	3,402.70
3/4	232.68	3/4	585.47	3/4	934.57	3/4	1,274.73	3/4	1,631.14	3/4	1,983.96	3/4	2,340.60	3/4	2,697.37	3/4	3,054.09	3/4	3,410.12
8	240.12	8	592.59	8	941.62	8	1,282.15	8	1,638.55	8	1,991.39	8	2,348.04	8	2,704.81	8	3,061.51	8	3,417.54
1/4	247.56	1/4	599.70	1/4	948.67	1/4	1,289.58	1/4	1,645.82	1/4	1,998.81	1/4	2,355.47	1/4	2,712.24	1/4	3,068.92	1/4	3,424.95
1/2	255.00	1/2	606.81	1/2	955.73	1/2	1,297.01	1/2	1,653.10	1/2	2,006.24	1/2	2,362.90	1/2	2,719.67	1/2	3,076.34	1/2	3,432.37
3/4	262.44	3/4	613.93	3/4	962.78	3/4	1,304.43	3/4	1,660.37	3/4	2,013.66	3/4	2,370.34	3/4	2,727.10	3/4	3,083.76	3/4	3,439.79
9	269.88	9	621.04	9	969.83	9	1,311.86	9	1,667.64	9	2,021.09	9	2,377.77	9	2,734.54	9	3,091.18	9	3,447.21
1/4	277.33	1/4	628.18	1/4	976.88	1/4	1,319.29	1/4	1,674.92	1/4	2,028.51	1/4	2,385.20	1/4	2,741.97	1/4	3,098.59	1/4	3,454.62
1/2	284.77	1/2	635.31	1/2	983.94	1/2	1,326.71	1/2	1,682.19	1/2	2,035.94	1/2	2,392.63	1/2	2,749.40	1/2	3,106.01	1/2	3,462.04
3/4	292.21	3/4	642.44	3/4	990.99	3/4	1,334.14	3/4	1,689.46	3/4	2,043.36	3/4	2,400.07	3/4	2,756.84	3/4	3,113.43	3/4	3,469.46
10	299.65	10	649.58	10	998.04	10	1,341.56	10	1,696.74	10	2,050.79	10	2,407.50	10	2,764.27	10	3,120.84	10	3,476.87
1/4	307.09	1/4	656.87	1/4	1,005.09	1/4	1,348.99	1/4	1,704.01	1/4	2,058.21	1/4	2,414.93	1/4	2,771.70	1/4	3,128.26	1/4	3,484.29
1/2	314.53	1/2	664.16	1/2	1,012.14	1/2	1,356.42	1/2	1,711.28	1/2	2,065.64	1/2	2,422.36	1/2	2,779.13	1/2	3,135.68	1/2	3,491.71
3/4	321.97	3/4	671.45	3/4	1,019.20	3/4	1,363.84	3/4	1,718.56	3/4	2,073.06	3/4	2,429.80	3/4	2,786.57	3/4	3,143.10	3/4	3,499.13
11	329.41	11	678.74	11	1,026.25	11	1,371.27	11	1,725.83	11	2,080.49	11	2,437.23	11	2,794.00	11	3,150.51	11	3,506.54
1/4	336.86	1/4	686.17	1/4	1,033.30	1/4	1,378.70	1/4	1,733.10	1/4	2,087.91	1/4	2,444.66	1/4	2,801.43	1/4	3,157.93	1/4	3,513.96
1/2	344.30	1/2	693.60	1/2	1,040.35	1/2	1,386.12	1/2	1,740.38	1/2	2,095.34	1/2	2,452.09	1/2	2,808.86	1/2	3,165.35	1/2	3,521.38
3/4	351.75	3/4	701.03	3/4	1,047.41	3/4	1,393.55	3/4	1,747.65	3/4	2,102.76	3/4	2,459.53	3/4	2,816.30	3/4	3,172.77	3/4	3,528.80

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 50'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "HSM 716"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,536.21	0		0		0		0		0		0		0		0		0	
1/4	3,543.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,551.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,558.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,565.88	1		1		1		1		1		1		1		1		1	
1/4	3,573.30	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,580.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,588.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,595.53	2		2		2		2		2		2		2		2		2	
1/4	3,602.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,610.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,617.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,625.05	3		3		3		3		3		3		3		3		3	
1/4	3,632.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,639.81	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,647.19	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,654.57	4		4		4		4		4		4		4		4		4	
1/4	3,661.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,669.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,676.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,684.09	5		5		5		5		5		5		5		5		5	
1/4	3,691.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,698.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,706.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,713.61	6		6		6		6		6		6		6		6		6	
1/4	3,720.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,728.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,735.61	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,742.94	7		7		7		7		7		7		7		7		7	
1/4	3,749.85	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,763.68	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,770.59	8		8		8		8		8		8		8		8		8	
1/4	3,776.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,789.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,795.27	9		9		9		9		9		9		9		9		9	
1/4	3,800.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,806.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,811.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,816.97	10		10		10		10		10		10		10		10		10	
1/4	3,821.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,826.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,831.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,835.73	11		11		11		11		11		11		11		11		11	
1/4	3,839.68	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,843.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2019 CL
 CALCULATED: 04/12/2019 CL
 PRINTED: 04/12/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 04/2019

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



BARGE "HSM 716"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-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	18.05	0	358.63	0	707.88	0	1,064.01	0	1,420.52	0	1,774.70	0	2,129.89	0	2,486.54	0	2,843.38	0	3,199.89
1/4	22.93	1/4	366.06	1/4	715.32	1/4	1,071.42	1/4	1,427.95	1/4	1,781.97	1/4	2,137.30	1/4	2,493.97	1/4	2,850.81	1/4	3,207.31
1/2	27.81	1/2	373.50	1/2	722.76	1/2	1,078.83	1/2	1,435.39	1/2	1,789.24	1/2	2,144.71	1/2	2,501.41	1/2	2,858.24	1/2	3,214.73
3/4	32.69	3/4	380.94	3/4	730.19	3/4	1,086.24	3/4	1,442.83	3/4	1,796.50	3/4	2,152.12	3/4	2,508.84	3/4	2,865.68	3/4	3,222.15
1	37.57	1	388.37	1	737.63	1	1,093.65	1	1,450.26	1	1,803.77	1	2,159.53	1	2,516.28	1	2,873.11	1	3,229.57
1/4	44.17	1/4	395.81	1/4	745.07	1/4	1,101.06	1/4	1,457.70	1/4	1,811.06	1/4	2,166.94	1/4	2,523.71	1/4	2,880.55	1/4	3,236.99
1/2	50.77	1/2	403.25	1/2	752.50	1/2	1,108.47	1/2	1,465.14	1/2	1,818.35	1/2	2,174.35	1/2	2,531.14	1/2	2,887.98	1/2	3,244.40
3/4	57.36	3/4	410.68	3/4	759.94	3/4	1,115.88	3/4	1,472.57	3/4	1,825.64	3/4	2,181.76	3/4	2,538.58	3/4	2,895.42	3/4	3,251.82
2	63.96	2	418.12	2	767.37	2	1,123.29	2	1,480.01	2	1,832.93	2	2,189.18	2	2,546.01	2	2,902.85	2	3,259.24
1/4	71.19	1/4	425.55	1/4	774.81	1/4	1,130.70	1/4	1,487.45	1/4	1,840.37	1/4	2,196.61	1/4	2,553.45	1/4	2,910.28	1/4	3,266.66
1/2	78.42	1/2	432.99	1/2	782.25	1/2	1,138.12	1/2	1,494.88	1/2	1,847.80	1/2	2,204.04	1/2	2,560.88	1/2	2,917.72	1/2	3,274.08
3/4	85.65	3/4	440.43	3/4	789.68	3/4	1,145.53	3/4	1,502.32	3/4	1,855.24	3/4	2,211.48	3/4	2,568.31	3/4	2,925.15	3/4	3,281.50
3	92.87	3	447.86	3	797.12	3	1,152.94	3	1,509.76	3	1,862.67	3	2,218.91	3	2,575.75	3	2,932.59	3	3,288.92
1/4	100.01	1/4	455.28	1/4	804.55	1/4	1,160.36	1/4	1,517.19	1/4	1,870.11	1/4	2,226.35	1/4	2,583.18	1/4	2,940.02	1/4	3,296.34
1/2	107.14	1/2	462.70	1/2	811.99	1/2	1,167.78	1/2	1,524.63	1/2	1,877.54	1/2	2,233.78	1/2	2,590.62	1/2	2,947.45	1/2	3,303.75
3/4	114.27	3/4	470.11	3/4	819.43	3/4	1,175.19	3/4	1,532.07	3/4	1,884.98	3/4	2,241.21	3/4	2,598.05	3/4	2,954.89	3/4	3,311.17
4	121.41	4	477.53	4	826.86	4	1,182.61	4	1,539.50	4	1,892.41	4	2,248.65	4	2,605.49	4	2,962.32	4	3,318.59
1/4	128.70	1/4	484.79	1/4	834.30	1/4	1,190.03	1/4	1,546.94	1/4	1,899.85	1/4	2,256.08	1/4	2,612.92	1/4	2,969.76	1/4	3,326.01
1/2	136.00	1/2	492.04	1/2	841.73	1/2	1,197.45	1/2	1,554.37	1/2	1,907.28	1/2	2,263.52	1/2	2,620.35	1/2	2,977.19	1/2	3,333.43
3/4	143.29	3/4	499.30	3/4	849.16	3/4	1,204.87	3/4	1,561.81	3/4	1,914.72	3/4	2,270.95	3/4	2,627.79	3/4	2,984.62	3/4	3,340.85
5	150.59	5	506.56	5	856.59	5	1,212.29	5	1,569.25	5	1,922.15	5	2,278.38	5	2,635.22	5	2,992.06	5	3,348.27
1/4	158.02	1/4	513.67	1/4	864.00	1/4	1,219.73	1/4	1,576.68	1/4	1,929.59	1/4	2,285.82	1/4	2,642.66	1/4	2,999.49	1/4	3,355.68
1/2	165.45	1/2	520.79	1/2	871.41	1/2	1,227.16	1/2	1,584.12	1/2	1,937.02	1/2	2,293.25	1/2	2,650.09	1/2	3,006.93	1/2	3,363.10
3/4	172.88	3/4	527.91	3/4	878.82	3/4	1,234.60	3/4	1,591.56	3/4	1,944.46	3/4	2,300.69	3/4	2,657.52	3/4	3,014.36	3/4	3,370.52
6	180.30	6	535.02	6	886.23	6	1,242.04	6	1,598.99	6	1,951.89	6	2,308.12	6	2,664.96	6	3,021.79	6	3,377.94
1/4	187.73	1/4	542.14	1/4	893.63	1/4	1,249.47	1/4	1,606.43	1/4	1,959.33	1/4	2,315.56	1/4	2,672.39	1/4	3,029.23	1/4	3,385.36
1/2	195.16	1/2	549.26	1/2	901.04	1/2	1,256.91	1/2	1,613.87	1/2	1,966.76	1/2	2,322.99	1/2	2,679.83	1/2	3,036.66	1/2	3,392.78
3/4	202.59	3/4	556.38	3/4	908.45	3/4	1,264.35	3/4	1,621.30	3/4	1,974.20	3/4	2,330.42	3/4	2,687.26	3/4	3,044.09	3/4	3,400.20
7	210.02	7	563.49	7	915.86	7	1,271.78	7	1,628.74	7	1,981.63	7	2,337.86	7	2,694.69	7	3,051.52	7	3,407.62
1/4	217.45	1/4	570.61	1/4	923.26	1/4	1,279.22	1/4	1,636.16	1/4	1,989.06	1/4	2,345.29	1/4	2,702.13	1/4	3,058.94	1/4	3,415.03
1/2	224.88	1/2	577.73	1/2	930.67	1/2	1,286.66	1/2	1,643.57	1/2	1,996.49	1/2	2,352.73	1/2	2,709.56	1/2	3,066.36	1/2	3,422.45
3/4	232.31	3/4	584.84	3/4	938.08	3/4	1,294.09	3/4	1,650.98	3/4	2,003.92	3/4	2,360.16	3/4	2,717.00	3/4	3,073.77	3/4	3,429.87
8	239.74	8	591.96	8	945.49	8	1,301.53	8	1,658.40	8	2,011.36	8	2,367.59	8	2,724.43	8	3,081.19	8	3,437.29
1/4	247.17	1/4	599.08	1/4	952.90	1/4	1,308.97	1/4	1,665.67	1/4	2,018.76	1/4	2,375.03	1/4	2,731.87	1/4	3,088.61	1/4	3,444.71
1/2	254.60	1/2	606.20	1/2	960.30	1/2	1,316.40	1/2	1,672.94	1/2	2,026.17	1/2	2,382.46	1/2	2,739.30	1/2	3,096.03	1/2	3,452.13
3/4	262.03	3/4	613.31	3/4	967.71	3/4	1,323.84	3/4	1,680.21	3/4	2,033.58	3/4	2,389.90	3/4	2,746.73	3/4	3,103.45	3/4	3,459.55
9	269.46	9	620.43	9	975.12	9	1,331.28	9	1,687.47	9	2,040.99	9	2,397.33	9	2,754.17	9	3,110.87	9	3,466.97
1/4	276.89	1/4	627.57	1/4	982.53	1/4	1,338.71	1/4	1,694.74	1/4	2,048.40	1/4	2,404.76	1/4	2,761.60	1/4	3,118.29	1/4	3,474.38
1/2	284.32	1/2	634.70	1/2	989.93	1/2	1,346.15	1/2	1,702.01	1/2	2,055.81	1/2	2,412.20	1/2	2,769.04	1/2	3,125.71	1/2	3,481.80
3/4	291.75	3/4	641.84	3/4	997.34	3/4	1,353.59	3/4	1,709.28	3/4	2,063.22	3/4	2,419.63	3/4	2,776.47	3/4	3,133.12	3/4	3,489.22
10	299.18	10	648.98	10	1,004.75	10	1,361.02	10	1,716.55	10	2,070.62	10	2,427.07	10	2,783.90	10	3,140.54	10	3,496.64
1/4	306.61	1/4	656.27	1/4	1,012.16	1/4	1,368.46	1/4	1,723.82	1/4	2,078.03	1/4	2,434.50	1/4	2,791.34	1/4	3,147.96	1/4	3,504.06
1/2	314.04	1/2	663.56	1/2	1,019.57	1/2	1,375.90	1/2	1,731.09	1/2	2,085.44	1/2	2,441.94	1/2	2,798.77	1/2	3,155.38	1/2	3,511.48
3/4	321.47	3/4	670.86	3/4	1,026.97	3/4	1,383.33	3/4	1,738.35	3/4	2,092.85	3/4	2,449.37	3/4	2,806.21	3/4	3,162.80	3/4	3,518.90
11	328.89	11	678.15	11	1,034.38	11	1,390.77	11	1,745.62	11	2,100.26	11	2,456.80	11	2,813.64	11	3,170.22	11	3,526.31
1/4	336.33	1/4	685.58	1/4	1,041.79	1/4	1,398.21	1/4	1,752.89	1/4	2,107.67	1/4	2,464.24	1/4	2,821.07	1/4	3,177.64	1/4	3,533.73
1/2	343.76	1/2	693.02	1/2	1,049.20	1/2	1,405.64	1/2	1,760.16	1/2	2,115.08	1/2	2,471.67	1/2	2,828.51	1/2	3,185.05	1/2	3,541.15
3/4	351.19	3/4	700.45	3/4	1,056.61	3/4	1,413.08	3/4	1,767.43	3/4	2,122.49	3/4	2,479.11	3/4	2,835.94	3/4	3,192.47	3/4	3,548.57

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 50'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "HSM 716"

**3 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,555.99	0		0		0		0		0		0		0		0		0	
1/4	3,563.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,570.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,578.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,585.66	1		1		1		1		1		1		1		1		1	
1/4	3,593.08	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,600.49	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,607.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,615.32	2		2		2		2		2		2		2		2		2	
1/4	3,622.70	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,630.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,637.46	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,644.84	3		3		3		3		3		3		3		3		3	
1/4	3,652.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,659.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.99	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,674.37	4		4		4		4		4		4		4		4		4	
1/4	3,681.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,689.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,703.89	5		5		5		5		5		5		5		5		5	
1/4	3,711.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,718.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,733.42	6		6		6		6		6		6		6		6		6	
1/4	3,740.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,755.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,762.75	7		7		7		7		7		7		7		7		7	
1/4	3,769.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.58	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,783.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,790.41	8		8		8		8		8		8		8		8		8	
1/4	3,796.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,802.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,808.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,815.11	9		9		9		9		9		9		9		9		9	
1/4	3,820.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,825.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,831.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,836.83	10		10		10		10		10		10		10		10		10	
1/4	3,841.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,846.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,855.57	11		11		11		11		11		11		11		11		11	
1/4	3,859.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,863.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2019 CL
CALCULATED: 04/12/2019 CL
PRINTED: 04/12/2019 CL

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019



BARGE "HSM 716"

PORT FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-08 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	1,294	0	3,048	0	4,892	0	6,566	0		0		0		0		0	
1/4	16	1/4	1,328	1/4	3,086	1/4	4,929	1/4	6,596	1/4		1/4		1/4		1/4		1/4	
1/2	32	1/2	1,362	1/2	3,125	1/2	4,967	1/2	6,627	1/2		1/2		1/2		1/2		1/2	
3/4	48	3/4	1,396	3/4	3,163	3/4	5,004	3/4	6,657	3/4		3/4		3/4		3/4		3/4	
1	64	1	1,430	1	3,202	1	5,042	1	6,688	1		1		1		1		1	
1/4	84	1/4	1,465	1/4	3,240	1/4	5,079	1/4	6,717	1/4		1/4		1/4		1/4		1/4	
1/2	104	1/2	1,499	1/2	3,279	1/2	5,116	1/2	6,746	1/2		1/2		1/2		1/2		1/2	
3/4	124	3/4	1,534	3/4	3,317	3/4	5,153	3/4	6,775	3/4		3/4		3/4		3/4		3/4	
2	144	2	1,568	2	3,356	2	5,190	2	6,805	2		2		2		2		2	
1/4	167	1/4	1,604	1/4	3,395	1/4	5,227	1/4	6,833	1/4		1/4		1/4		1/4		1/4	
1/2	189	1/2	1,639	1/2	3,433	1/2	5,264	1/2	6,861	1/2		1/2		1/2		1/2		1/2	
3/4	211	3/4	1,674	3/4	3,472	3/4	5,301	3/4	6,889	3/4		3/4		3/4		3/4		3/4	
3	234	3	1,709	3	3,510	3	5,338	3	6,917	3		3		3		3		3	
1/4	258	1/4	1,745	1/4	3,549	1/4	5,374	1/4	6,944	1/4		1/4		1/4		1/4		1/4	
1/2	283	1/2	1,781	1/2	3,588	1/2	5,410	1/2	6,971	1/2		1/2		1/2		1/2		1/2	
3/4	307	3/4	1,816	3/4	3,626	3/4	5,447	3/4	6,998	3/4		3/4		3/4		3/4		3/4	
4	332	4	1,852	4	3,665	4	5,483	4	7,024	4		4		4		4		4	
1/4	358	1/4	1,888	1/4	3,704	1/4	5,519	1/4	7,050	1/4		1/4		1/4		1/4		1/4	
1/2	384	1/2	1,924	1/2	3,742	1/2	5,555	1/2	7,075	1/2		1/2		1/2		1/2		1/2	
3/4	410	3/4	1,961	3/4	3,781	3/4	5,591	3/4	7,100	3/4		3/4		3/4		3/4		3/4	
5	436	5	1,997	5	3,820	5	5,627	5	7,125	5		5		5		5		5	
1/4	463	1/4	2,033	1/4	3,858	1/4	5,662	1/4	7,149	1/4		1/4		1/4		1/4		1/4	
1/2	491	1/2	2,070	1/2	3,897	1/2	5,698	1/2	7,172	1/2		1/2		1/2		1/2		1/2	
3/4	518	3/4	2,107	3/4	3,936	3/4	5,733	3/4	7,196	3/4		3/4		3/4		3/4		3/4	
6	546	6	2,143	6	3,974	6	5,769	6	7,219	6		6		6		6		6	
1/4	575	1/4	2,180	1/4	4,013	1/4	5,804	1/4	7,241	1/4		1/4		1/4		1/4		1/4	
1/2	603	1/2	2,217	1/2	4,051	1/2	5,839	1/2	7,262	1/2		1/2		1/2		1/2		1/2	
3/4	632	3/4	2,254	3/4	4,090	3/4	5,874	3/4	7,283	3/4		3/4		3/4		3/4		3/4	
7	661	7	2,291	7	4,129	7	5,908	7	7,305	7		7		7		7		7	
1/4	691	1/4	2,329	1/4	4,167	1/4	5,943	1/4	7,323	1/4		1/4		1/4		1/4		1/4	
1/2	720	1/2	2,366	1/2	4,206	1/2	5,977	1/2	7,341	1/2		1/2		1/2		1/2		1/2	
3/4	750	3/4	2,403	3/4	4,244	3/4	6,011	3/4	7,360	3/4		3/4		3/4		3/4		3/4	
8	780	8	2,440	8	4,283	8	6,046	8	7,378	8		8		8		8		8	
1/4	811	1/4	2,478	1/4	4,321	1/4	6,079	1/4	7,393	1/4		1/4		1/4		1/4		1/4	
1/2	842	1/2	2,516	1/2	4,359	1/2	6,113	1/2	7,407	1/2		1/2		1/2		1/2		1/2	
3/4	873	3/4	2,553	3/4	4,398	3/4	6,147	3/4		3/4		3/4		3/4		3/4		3/4	
9	903	9	2,591	9	4,436	9	6,180	9		9		9		9		9		9	
1/4	935	1/4	2,629	1/4	4,474	1/4	6,213	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	967	1/2	2,667	1/2	4,512	1/2	6,246	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	999	3/4	2,705	3/4	4,551	3/4	6,279	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,030	10	2,742	10	4,589	10	6,312	10		10		10		10		10		10	
1/4	1,063	1/4	2,781	1/4	4,627	1/4	6,344	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,096	1/2	2,819	1/2	4,665	1/2	6,377	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,128	3/4	2,857	3/4	4,703	3/4	6,409	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,161	11	2,895	11	4,741	11	6,441	11		11		11		11		11		11	
1/4	1,194	1/4	2,933	1/4	4,779	1/4	6,472	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,227	1/2	2,971	1/2	4,816	1/2	6,504	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,261	3/4	3,010	3/4	4,854	3/4	6,535	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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 10" ULLAGE HATCH.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019

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& ANALYSIS, INC.
P.O. Box 2092
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BARGE "HSM 716"

STBD FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-08 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	1,294	0	3,048	0	4,892	0	6,566	0		0		0		0		0	
1/4	16	1/4	1,328	1/4	3,086	1/4	4,929	1/4	6,596	1/4		1/4		1/4		1/4		1/4	
1/2	32	1/2	1,362	1/2	3,125	1/2	4,967	1/2	6,627	1/2		1/2		1/2		1/2		1/2	
3/4	48	3/4	1,396	3/4	3,163	3/4	5,004	3/4	6,657	3/4		3/4		3/4		3/4		3/4	
1	64	1	1,430	1	3,202	1	5,042	1	6,688	1		1		1		1		1	
1/4	84	1/4	1,465	1/4	3,240	1/4	5,079	1/4	6,717	1/4		1/4		1/4		1/4		1/4	
1/2	104	1/2	1,499	1/2	3,279	1/2	5,116	1/2	6,746	1/2		1/2		1/2		1/2		1/2	
3/4	124	3/4	1,534	3/4	3,317	3/4	5,153	3/4	6,775	3/4		3/4		3/4		3/4		3/4	
2	144	2	1,568	2	3,356	2	5,190	2	6,805	2		2		2		2		2	
1/4	167	1/4	1,604	1/4	3,395	1/4	5,227	1/4	6,833	1/4		1/4		1/4		1/4		1/4	
1/2	189	1/2	1,639	1/2	3,433	1/2	5,264	1/2	6,861	1/2		1/2		1/2		1/2		1/2	
3/4	211	3/4	1,674	3/4	3,472	3/4	5,301	3/4	6,889	3/4		3/4		3/4		3/4		3/4	
3	234	3	1,709	3	3,510	3	5,338	3	6,917	3		3		3		3		3	
1/4	258	1/4	1,745	1/4	3,549	1/4	5,374	1/4	6,944	1/4		1/4		1/4		1/4		1/4	
1/2	283	1/2	1,781	1/2	3,588	1/2	5,410	1/2	6,971	1/2		1/2		1/2		1/2		1/2	
3/4	307	3/4	1,816	3/4	3,626	3/4	5,447	3/4	6,998	3/4		3/4		3/4		3/4		3/4	
4	332	4	1,852	4	3,665	4	5,483	4	7,024	4		4		4		4		4	
1/4	358	1/4	1,888	1/4	3,704	1/4	5,519	1/4	7,050	1/4		1/4		1/4		1/4		1/4	
1/2	384	1/2	1,924	1/2	3,742	1/2	5,555	1/2	7,075	1/2		1/2		1/2		1/2		1/2	
3/4	410	3/4	1,961	3/4	3,781	3/4	5,591	3/4	7,100	3/4		3/4		3/4		3/4		3/4	
5	436	5	1,997	5	3,820	5	5,627	5	7,125	5		5		5		5		5	
1/4	463	1/4	2,033	1/4	3,858	1/4	5,662	1/4	7,149	1/4		1/4		1/4		1/4		1/4	
1/2	491	1/2	2,070	1/2	3,897	1/2	5,698	1/2	7,172	1/2		1/2		1/2		1/2		1/2	
3/4	518	3/4	2,107	3/4	3,936	3/4	5,733	3/4	7,196	3/4		3/4		3/4		3/4		3/4	
6	546	6	2,143	6	3,974	6	5,769	6	7,219	6		6		6		6		6	
1/4	575	1/4	2,180	1/4	4,013	1/4	5,804	1/4	7,241	1/4		1/4		1/4		1/4		1/4	
1/2	603	1/2	2,217	1/2	4,051	1/2	5,839	1/2	7,262	1/2		1/2		1/2		1/2		1/2	
3/4	632	3/4	2,254	3/4	4,090	3/4	5,874	3/4	7,283	3/4		3/4		3/4		3/4		3/4	
7	661	7	2,291	7	4,129	7	5,908	7	7,305	7		7		7		7		7	
1/4	691	1/4	2,329	1/4	4,167	1/4	5,943	1/4	7,323	1/4		1/4		1/4		1/4		1/4	
1/2	720	1/2	2,366	1/2	4,206	1/2	5,977	1/2	7,341	1/2		1/2		1/2		1/2		1/2	
3/4	750	3/4	2,403	3/4	4,244	3/4	6,011	3/4	7,360	3/4		3/4		3/4		3/4		3/4	
8	780	8	2,440	8	4,283	8	6,046	8	7,378	8		8		8		8		8	
1/4	811	1/4	2,478	1/4	4,321	1/4	6,079	1/4	7,393	1/4		1/4		1/4		1/4		1/4	
1/2	842	1/2	2,516	1/2	4,359	1/2	6,113	1/2	7,407	1/2		1/2		1/2		1/2		1/2	
3/4	873	3/4	2,553	3/4	4,398	3/4	6,147	3/4		3/4		3/4		3/4		3/4		3/4	
9	903	9	2,591	9	4,436	9	6,180	9		9		9		9		9		9	
1/4	935	1/4	2,629	1/4	4,474	1/4	6,213	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	967	1/2	2,667	1/2	4,512	1/2	6,246	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	999	3/4	2,705	3/4	4,551	3/4	6,279	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,030	10	2,742	10	4,589	10	6,312	10		10		10		10		10		10	
1/4	1,063	1/4	2,781	1/4	4,627	1/4	6,344	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,096	1/2	2,819	1/2	4,665	1/2	6,377	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,128	3/4	2,857	3/4	4,703	3/4	6,409	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,161	11	2,895	11	4,741	11	6,441	11		11		11		11		11		11	
1/4	1,194	1/4	2,933	1/4	4,779	1/4	6,472	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,227	1/2	2,971	1/2	4,816	1/2	6,504	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,261	3/4	3,010	3/4	4,854	3/4	6,535	3/4		3/4		3/4		3/4		3/4		3/4	

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CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 10" ULLAGE HATCH.

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BARGE "HSM 716"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 1/2"

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	100	0	256	0	410	0		0		0		0		0		0	
1/4	1	1/4	103	1/4	259	1/4	412	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1	1/2	106	1/2	262	1/2	415	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2	3/4	109	3/4	266	3/4	418	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3	1	112	1	269	1	421	1	1	1		1	1	1	1	1	1	1	1
1/4	4	1/4	115	1/4	272	1/4	424	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5	1/2	118	1/2	276	1/2	426	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	6	3/4	121	3/4	279	3/4	429	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	7	2	124	2	283	2	432	2	2	2		2	2	2	2	2	2	2	2
1/4	9	1/4	127	1/4	286	1/4	434	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	10	1/2	130	1/2	289	1/2	437	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	12	3/4	134	3/4	293	3/4	440	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	13	3	137	3	296	3	442	3	3	3		3	3	3	3	3	3	3	3
1/4	15	1/4	140	1/4	299	1/4	445	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	17	1/2	143	1/2	303	1/2	447	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	19	3/4	146	3/4	306	3/4	450	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	20	4	149	4	309	4	452	4	4	4		4	4	4	4	4	4	4	4
1/4	22	1/4	153	1/4	313	1/4	455	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24	1/2	156	1/2	316	1/2	457	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	26	3/4	159	3/4	319	3/4	459	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	28	5	162	5	322	5	462	5	5	5		5	5	5	5	5	5	5	5
1/4	30	1/4	166	1/4	326	1/4	464	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	33	1/2	169	1/2	329	1/2	466	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	35	3/4	172	3/4	332	3/4	468	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	37	6	175	6	335	6	471	6	6	6		6	6	6	6	6	6	6	6
1/4	39	1/4	179	1/4	339	1/4	473	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	42	1/2	182	1/2	342	1/2	475	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	44	3/4	185	3/4	345	3/4	477	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	46	7	188	7	348	7	479	7	7	7		7	7	7	7	7	7	7	7
1/4	49	1/4	192	1/4	352	1/4	480	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51	1/2	195	1/2	355	1/2	482	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54	3/4	198	3/4	358	3/4	484	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	56	8	202	8	361	8	486	8	8	8		8	8	8	8	8	8	8	8
1/4	59	1/4	205	1/4	364	1/4	488	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61	1/2	208	1/2	367	1/2	489	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64	3/4	212	3/4	371	3/4	491	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	67	9	215	9	374	9	492	9	9	9		9	9	9	9	9	9	9	9
1/4	69	1/4	218	1/4	377	1/4	494	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72	1/2	222	1/2	380	1/2	495	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75	3/4	225	3/4	383	3/4	496	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	77	10	229	10	386	10	497	10	10	10		10	10	10	10	10	10	10	10
1/4	80	1/4	232	1/4	389	1/4	498	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83	1/2	235	1/2	392	1/2	499	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86	3/4	239	3/4	395	3/4	500	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	89	11	242	11	398	11	501	11	11	11		11	11	11	11	11	11	11	11
1/4	91	1/4	245	1/4	401	1/4	501	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94	1/2	249	1/2	404	1/2		1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	97	3/4	252	3/4	407	3/4		3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER PIPE.

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