



BARGE "HSM 714"

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"

March 23, 2019

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

<http://www.pmacorp.net>



BARGE "HSM 714"

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	17.57	0	297.86	0	618.11	0	973.31	0	1,334.35	0	1,696.24	0	2,058.38	0	2,420.77	0	2,783.15	0	3,145.21
1/4	21.03	1/4	304.39	1/4	625.30	1/4	980.80	1/4	1,341.90	1/4	1,703.76	1/4	2,065.93	1/4	2,428.32	1/4	2,790.70	1/4	3,152.75
1/2	24.49	1/2	310.92	1/2	632.49	1/2	988.28	1/2	1,349.45	1/2	1,711.28	1/2	2,073.48	1/2	2,435.86	1/2	2,798.25	1/2	3,160.28
3/4	27.95	3/4	317.45	3/4	639.68	3/4	995.77	3/4	1,357.00	3/4	1,718.79	3/4	2,081.03	3/4	2,443.41	3/4	2,805.80	3/4	3,167.82
1	31.41	1	323.98	1	646.87	1	1,003.26	1	1,364.55	1	1,726.31	1	2,088.58	1	2,450.96	1	2,813.34	1	3,175.35
1/4	36.48	1/4	330.56	1/4	654.12	1/4	1,010.75	1/4	1,372.10	1/4	1,733.83	1/4	2,096.13	1/4	2,458.51	1/4	2,820.89	1/4	3,182.89
1/2	41.55	1/2	337.14	1/2	661.36	1/2	1,018.25	1/2	1,379.65	1/2	1,741.36	1/2	2,103.68	1/2	2,466.06	1/2	2,828.44	1/2	3,190.42
3/4	46.62	3/4	343.72	3/4	668.61	3/4	1,025.74	3/4	1,387.20	3/4	1,748.88	3/4	2,111.23	3/4	2,473.61	3/4	2,835.99	3/4	3,197.95
2	51.69	2	350.31	2	675.86	2	1,033.23	2	1,394.75	2	1,756.40	2	2,118.78	2	2,481.16	2	2,843.54	2	3,205.49
1/4	57.46	1/4	356.95	1/4	683.16	1/4	1,040.72	1/4	1,402.30	1/4	1,763.95	1/4	2,126.33	1/4	2,488.71	1/4	2,851.09	1/4	3,213.02
1/2	63.22	1/2	363.58	1/2	690.46	1/2	1,048.21	1/2	1,409.85	1/2	1,771.50	1/2	2,133.88	1/2	2,496.26	1/2	2,858.64	1/2	3,220.56
3/4	68.99	3/4	370.22	3/4	697.76	3/4	1,055.71	3/4	1,417.41	3/4	1,779.05	3/4	2,141.43	3/4	2,503.81	3/4	2,866.19	3/4	3,228.09
3	74.76	3	376.86	3	705.06	3	1,063.20	3	1,424.96	3	1,786.60	3	2,148.98	3	2,511.36	3	2,873.74	3	3,235.63
1/4	80.49	1/4	383.53	1/4	712.42	1/4	1,070.70	1/4	1,432.51	1/4	1,794.15	1/4	2,156.53	1/4	2,518.91	1/4	2,881.29	1/4	3,243.16
1/2	86.21	1/2	390.21	1/2	719.77	1/2	1,078.20	1/2	1,440.06	1/2	1,801.70	1/2	2,164.08	1/2	2,526.46	1/2	2,888.84	1/2	3,250.69
3/4	91.94	3/4	396.88	3/4	727.13	3/4	1,085.69	3/4	1,447.61	3/4	1,809.25	3/4	2,171.63	3/4	2,534.01	3/4	2,896.39	3/4	3,258.23
4	97.67	4	403.56	4	734.49	4	1,093.19	4	1,455.16	4	1,816.80	4	2,179.18	4	2,541.56	4	2,903.94	4	3,265.76
1/4	103.61	1/4	410.13	1/4	741.89	1/4	1,100.69	1/4	1,462.71	1/4	1,824.35	1/4	2,186.73	1/4	2,549.11	1/4	2,911.49	1/4	3,273.30
1/2	109.56	1/2	416.69	1/2	749.30	1/2	1,108.19	1/2	1,470.26	1/2	1,831.90	1/2	2,194.28	1/2	2,556.66	1/2	2,919.04	1/2	3,280.83
3/4	115.50	3/4	423.26	3/4	756.70	3/4	1,115.69	3/4	1,477.81	3/4	1,839.45	3/4	2,201.83	3/4	2,564.21	3/4	2,926.59	3/4	3,288.37
5	121.45	5	429.83	5	764.10	5	1,123.19	5	1,485.36	5	1,847.00	5	2,209.38	5	2,571.76	5	2,934.14	5	3,295.90
1/4	127.58	1/4	436.32	1/4	771.51	1/4	1,130.71	1/4	1,492.91	1/4	1,854.55	1/4	2,216.93	1/4	2,579.31	1/4	2,941.69	1/4	3,303.43
1/2	133.72	1/2	442.80	1/2	778.91	1/2	1,138.23	1/2	1,500.46	1/2	1,862.10	1/2	2,224.48	1/2	2,586.86	1/2	2,949.24	1/2	3,310.97
3/4	139.85	3/4	449.29	3/4	786.32	3/4	1,145.74	3/4	1,508.01	3/4	1,869.64	3/4	2,232.03	3/4	2,594.41	3/4	2,956.79	3/4	3,318.50
6	145.98	6	455.77	6	793.72	6	1,153.26	6	1,515.56	6	1,877.19	6	2,239.58	6	2,601.96	6	2,964.34	6	3,326.04
1/4	152.17	1/4	462.32	1/4	801.18	1/4	1,160.78	1/4	1,523.11	1/4	1,884.74	1/4	2,247.12	1/4	2,609.51	1/4	2,971.88	1/4	3,333.57
1/2	158.36	1/2	468.86	1/2	808.64	1/2	1,168.30	1/2	1,530.66	1/2	1,892.29	1/2	2,254.67	1/2	2,617.06	1/2	2,979.43	1/2	3,341.11
3/4	164.55	3/4	475.40	3/4	816.10	3/4	1,175.82	3/4	1,538.21	3/4	1,899.84	3/4	2,262.22	3/4	2,624.60	3/4	2,986.98	3/4	3,348.64
7	170.74	7	481.94	7	823.56	7	1,183.35	7	1,545.76	7	1,907.39	7	2,269.77	7	2,632.15	7	2,994.53	7	3,356.17
1/4	176.99	1/4	488.53	1/4	831.04	1/4	1,190.90	1/4	1,553.31	1/4	1,914.94	1/4	2,277.32	1/4	2,639.70	1/4	3,002.06	1/4	3,363.71
1/2	183.23	1/2	495.13	1/2	838.53	1/2	1,198.45	1/2	1,560.85	1/2	1,922.49	1/2	2,284.87	1/2	2,647.25	1/2	3,009.60	1/2	3,371.24
3/4	189.48	3/4	501.72	3/4	846.01	3/4	1,206.00	3/4	1,568.40	3/4	1,930.04	3/4	2,292.42	3/4	2,654.80	3/4	3,017.13	3/4	3,378.78
8	195.72	8	508.32	8	853.50	8	1,213.55	8	1,575.94	8	1,937.59	8	2,299.97	8	2,662.35	8	3,024.67	8	3,386.31
1/4	202.02	1/4	514.97	1/4	860.98	1/4	1,221.10	1/4	1,583.46	1/4	1,945.14	1/4	2,307.52	1/4	2,669.90	1/4	3,032.20	1/4	3,393.85
1/2	208.32	1/2	521.62	1/2	868.47	1/2	1,228.65	1/2	1,590.98	1/2	1,952.69	1/2	2,315.07	1/2	2,677.45	1/2	3,039.73	1/2	3,401.38
3/4	214.62	3/4	528.27	3/4	875.96	3/4	1,236.20	3/4	1,598.50	3/4	1,960.24	3/4	2,322.62	3/4	2,685.00	3/4	3,047.27	3/4	3,408.91
9	220.92	9	534.92	9	883.45	9	1,243.75	9	1,606.02	9	1,967.79	9	2,330.17	9	2,692.55	9	3,054.80	9	3,416.45
1/4	227.28	1/4	541.65	1/4	890.94	1/4	1,251.30	1/4	1,613.54	1/4	1,975.34	1/4	2,337.72	1/4	2,700.10	1/4	3,062.34	1/4	3,423.98
1/2	233.63	1/2	548.38	1/2	898.42	1/2	1,258.85	1/2	1,621.05	1/2	1,982.89	1/2	2,345.27	1/2	2,707.65	1/2	3,069.87	1/2	3,431.52
3/4	239.99	3/4	555.10	3/4	905.91	3/4	1,266.40	3/4	1,628.57	3/4	1,990.44	3/4	2,352.82	3/4	2,715.20	3/4	3,077.41	3/4	3,439.05
10	246.34	10	561.83	10	913.40	10	1,273.95	10	1,636.09	10	1,997.99	10	2,360.37	10	2,722.75	10	3,084.94	10	3,446.59
1/4	252.75	1/4	568.76	1/4	920.89	1/4	1,281.50	1/4	1,643.61	1/4	2,005.54	1/4	2,367.92	1/4	2,730.30	1/4	3,092.47	1/4	3,454.12
1/2	259.16	1/2	575.70	1/2	928.38	1/2	1,289.05	1/2	1,651.13	1/2	2,013.09	1/2	2,375.47	1/2	2,737.85	1/2	3,100.01	1/2	3,461.65
3/4	265.58	3/4	582.64	3/4	935.87	3/4	1,296.60	3/4	1,658.65	3/4	2,020.64	3/4	2,383.02	3/4	2,745.40	3/4	3,107.54	3/4	3,469.19
11	271.99	11	589.58	11	943.35	11	1,304.15	11	1,666.16	11	2,028.19	11	2,390.57	11	2,752.95	11	3,115.08	11	3,476.72
1/4	278.46	1/4	596.71	1/4	950.84	1/4	1,311.70	1/4	1,673.68	1/4	2,035.74	1/4	2,398.12	1/4	2,760.50	1/4	3,122.61	1/4	3,484.26
1/2	284.93	1/2	603.84	1/2	958.33	1/2	1,319.25	1/2	1,681.20	1/2	2,043.29	1/2	2,405.67	1/2	2,768.05	1/2	3,130.15	1/2	3,491.79
3/4	291.39	3/4	610.98	3/4	965.82	3/4	1,326.80	3/4	1,688.72	3/4	2,050.84	3/4	2,413.22	3/4	2,775.60	3/4	3,137.68	3/4	3,499.33

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 714"

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	3,506.86	0		0		0		0		0		0		0		0		0	
1/4	3,514.39	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,521.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,529.46	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,537.00	1		1		1		1		1		1		1		1		1	
1/4	3,544.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,552.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,559.58	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,567.11	2		2		2		2		2		2		2		2		2	
1/4	3,574.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,582.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,589.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,597.10	3		3		3		3		3		3		3		3		3	
1/4	3,604.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,612.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,619.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,627.09	4		4		4		4		4		4		4		4		4	
1/4	3,634.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,642.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,649.58	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,657.07	5		5		5		5		5		5		5		5		5	
1/4	3,664.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,672.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,679.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,687.06	6		6		6		6		6		6		6		6		6	
1/4	3,694.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,701.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,709.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,716.85	7		7		7		7		7		7		7		7		7	
1/4	3,723.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,737.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,744.95	8		8		8		8		8		8		8		8		8	
1/4	3,751.22	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.49	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,763.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,770.03	9		9		9		9		9		9		9		9		9	
1/4	3,775.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,781.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,792.08	10		10		10		10		10		10		10		10		10	
1/4	3,796.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,801.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,806.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,811.12	11		11		11		11		11		11		11		11		11	
1/4	3,815.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,819.13	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: 03/21/2019 CL
CALCULATED: 03/22/2019 CL
PRINTED: 03/23/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2019

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



BARGE "HSM 714"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-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	17.56	0	297.72	0	617.80	0	973.78	0	1,335.56	0	1,697.27	0	2,059.24	0	2,421.44	0	2,783.64	0	3,145.53
1/4	21.02	1/4	304.24	1/4	624.99	1/4	981.30	1/4	1,343.11	1/4	1,704.78	1/4	2,066.78	1/4	2,428.99	1/4	2,791.19	1/4	3,153.06
1/2	24.48	1/2	310.77	1/2	632.18	1/2	988.81	1/2	1,350.65	1/2	1,712.30	1/2	2,074.33	1/2	2,436.53	1/2	2,798.74	1/2	3,160.59
3/4	27.94	3/4	317.29	3/4	639.36	3/4	996.33	3/4	1,358.20	3/4	1,719.81	3/4	2,081.87	3/4	2,444.08	3/4	2,806.28	3/4	3,168.12
1	31.40	1	323.82	1	646.55	1	1,003.85	1	1,365.74	1	1,727.33	1	2,089.42	1	2,451.62	1	2,813.83	1	3,175.65
1/4	36.46	1/4	330.40	1/4	653.79	1/4	1,011.37	1/4	1,373.29	1/4	1,734.84	1/4	2,096.97	1/4	2,459.17	1/4	2,821.37	1/4	3,183.18
1/2	41.53	1/2	336.98	1/2	661.04	1/2	1,018.89	1/2	1,380.84	1/2	1,742.36	1/2	2,104.51	1/2	2,466.72	1/2	2,828.92	1/2	3,190.71
3/4	46.60	3/4	343.56	3/4	668.28	3/4	1,026.42	3/4	1,388.38	3/4	1,749.88	3/4	2,112.06	3/4	2,474.26	3/4	2,836.46	3/4	3,198.24
2	51.67	2	350.14	2	675.52	2	1,033.94	2	1,395.93	2	1,757.40	2	2,119.60	2	2,481.81	2	2,844.01	2	3,205.77
1/4	57.43	1/4	356.77	1/4	682.82	1/4	1,041.46	1/4	1,403.48	1/4	1,764.95	1/4	2,127.15	1/4	2,489.35	1/4	2,851.56	1/4	3,213.30
1/2	63.19	1/2	363.41	1/2	690.12	1/2	1,048.98	1/2	1,411.02	1/2	1,772.49	1/2	2,134.70	1/2	2,496.90	1/2	2,859.10	1/2	3,220.84
3/4	68.96	3/4	370.04	3/4	697.42	3/4	1,056.50	3/4	1,418.57	3/4	1,780.04	3/4	2,142.24	3/4	2,504.45	3/4	2,866.65	3/4	3,228.37
3	74.72	3	376.68	3	704.71	3	1,064.03	3	1,426.12	3	1,787.58	3	2,149.79	3	2,511.99	3	2,874.19	3	3,235.90
1/4	80.45	1/4	383.35	1/4	712.07	1/4	1,071.55	1/4	1,433.66	1/4	1,795.13	1/4	2,157.33	1/4	2,519.54	1/4	2,881.74	1/4	3,243.43
1/2	86.17	1/2	390.02	1/2	719.42	1/2	1,079.08	1/2	1,441.21	1/2	1,802.68	1/2	2,164.88	1/2	2,527.08	1/2	2,889.29	1/2	3,250.96
3/4	91.90	3/4	396.69	3/4	726.77	3/4	1,086.61	3/4	1,448.76	3/4	1,810.22	3/4	2,172.43	3/4	2,534.63	3/4	2,896.83	3/4	3,258.49
4	97.62	4	403.36	4	734.12	4	1,094.14	4	1,456.30	4	1,817.77	4	2,179.97	4	2,542.17	4	2,904.38	4	3,266.02
1/4	103.56	1/4	409.92	1/4	741.53	1/4	1,101.67	1/4	1,463.85	1/4	1,825.31	1/4	2,187.52	1/4	2,549.72	1/4	2,911.92	1/4	3,273.55
1/2	109.50	1/2	416.49	1/2	748.93	1/2	1,109.20	1/2	1,471.40	1/2	1,832.86	1/2	2,195.06	1/2	2,557.27	1/2	2,919.47	1/2	3,281.08
3/4	115.45	3/4	423.06	3/4	756.34	3/4	1,116.73	3/4	1,478.94	3/4	1,840.41	3/4	2,202.61	3/4	2,564.81	3/4	2,927.02	3/4	3,288.61
5	121.39	5	429.62	5	763.74	5	1,124.26	5	1,486.49	5	1,847.95	5	2,210.16	5	2,572.36	5	2,934.56	5	3,296.14
1/4	127.52	1/4	436.10	1/4	771.18	1/4	1,131.80	1/4	1,494.04	1/4	1,855.50	1/4	2,217.70	1/4	2,579.90	1/4	2,942.11	1/4	3,303.67
1/2	133.65	1/2	442.59	1/2	778.61	1/2	1,139.35	1/2	1,501.58	1/2	1,863.04	1/2	2,225.25	1/2	2,587.45	1/2	2,949.65	1/2	3,311.20
3/4	139.78	3/4	449.07	3/4	786.05	3/4	1,146.90	3/4	1,509.13	3/4	1,870.59	3/4	2,232.79	3/4	2,595.00	3/4	2,957.20	3/4	3,318.73
6	145.91	6	455.55	6	793.48	6	1,154.44	6	1,516.67	6	1,878.14	6	2,240.34	6	2,602.54	6	2,964.75	6	3,326.26
1/4	152.10	1/4	462.09	1/4	800.97	1/4	1,161.99	1/4	1,524.22	1/4	1,885.68	1/4	2,247.88	1/4	2,610.09	1/4	2,972.29	1/4	3,333.79
1/2	158.28	1/2	468.62	1/2	808.46	1/2	1,169.54	1/2	1,531.77	1/2	1,893.23	1/2	2,255.43	1/2	2,617.63	1/2	2,979.83	1/2	3,341.33
3/4	164.47	3/4	475.16	3/4	815.94	3/4	1,177.08	3/4	1,539.31	3/4	1,900.77	3/4	2,262.98	3/4	2,625.18	3/4	2,987.37	3/4	3,348.86
7	170.66	7	481.70	7	823.43	7	1,184.63	7	1,546.86	7	1,908.32	7	2,270.52	7	2,632.73	7	2,994.92	7	3,356.39
1/4	176.90	1/4	488.29	1/4	830.95	1/4	1,192.18	1/4	1,554.40	1/4	1,915.87	1/4	2,278.07	1/4	2,640.27	1/4	3,002.45	1/4	3,363.92
1/2	183.14	1/2	494.88	1/2	838.46	1/2	1,199.72	1/2	1,561.95	1/2	1,923.41	1/2	2,285.61	1/2	2,647.82	1/2	3,009.98	1/2	3,371.45
3/4	189.38	3/4	501.48	3/4	845.98	3/4	1,207.27	3/4	1,569.49	3/4	1,930.96	3/4	2,293.16	3/4	2,655.36	3/4	3,017.51	3/4	3,378.98
8	195.62	8	508.07	8	853.49	8	1,214.81	8	1,577.03	8	1,938.50	8	2,300.71	8	2,662.91	8	3,025.04	8	3,386.51
1/4	201.92	1/4	514.72	1/4	861.01	1/4	1,222.36	1/4	1,584.55	1/4	1,946.05	1/4	2,308.25	1/4	2,670.46	1/4	3,032.57	1/4	3,394.04
1/2	208.22	1/2	521.36	1/2	868.53	1/2	1,229.91	1/2	1,592.06	1/2	1,953.59	1/2	2,315.80	1/2	2,678.00	1/2	3,040.10	1/2	3,401.57
3/4	214.52	3/4	528.01	3/4	876.05	3/4	1,237.45	3/4	1,599.58	3/4	1,961.14	3/4	2,323.34	3/4	2,685.55	3/4	3,047.63	3/4	3,409.10
9	220.81	9	534.66	9	883.56	9	1,245.00	9	1,607.09	9	1,968.69	9	2,330.89	9	2,693.09	9	3,055.16	9	3,416.63
1/4	227.16	1/4	541.38	1/4	891.08	1/4	1,252.55	1/4	1,614.61	1/4	1,976.23	1/4	2,338.44	1/4	2,700.64	1/4	3,062.69	1/4	3,424.16
1/2	233.52	1/2	548.11	1/2	898.60	1/2	1,260.09	1/2	1,622.12	1/2	1,983.78	1/2	2,345.98	1/2	2,708.18	1/2	3,070.22	1/2	3,431.69
3/4	239.87	3/4	554.83	3/4	906.12	3/4	1,267.64	3/4	1,629.64	3/4	1,991.32	3/4	2,353.53	3/4	2,715.73	3/4	3,077.75	3/4	3,439.22
10	246.22	10	561.55	10	913.63	10	1,275.19	10	1,637.15	10	1,998.87	10	2,361.07	10	2,723.28	10	3,085.28	10	3,446.75
1/4	252.63	1/4	568.48	1/4	921.15	1/4	1,282.73	1/4	1,644.67	1/4	2,006.42	1/4	2,368.62	1/4	2,730.82	1/4	3,092.82	1/4	3,454.28
1/2	259.04	1/2	575.42	1/2	928.67	1/2	1,290.28	1/2	1,652.18	1/2	2,013.96	1/2	2,376.16	1/2	2,738.37	1/2	3,100.35	1/2	3,461.81
3/4	265.44	3/4	582.35	3/4	936.19	3/4	1,297.83	3/4	1,659.69	3/4	2,021.51	3/4	2,383.71	3/4	2,745.91	3/4	3,107.88	3/4	3,469.35
11	271.85	11	589.29	11	943.71	11	1,305.37	11	1,667.21	11	2,029.05	11	2,391.26	11	2,753.46	11	3,115.41	11	3,476.88
1/4	278.32	1/4	596.42	1/4	951.22	1/4	1,312.92	1/4	1,674.72	1/4	2,036.60	1/4	2,398.80	1/4	2,761.01	1/4	3,122.94	1/4	3,484.41
1/2	284.78	1/2	603.54	1/2	958.74	1/2	1,320.47	1/2	1,682.24	1/2	2,044.15	1/2	2,406.35	1/2	2,768.55	1/2	3,130.47	1/2	3,491.94
3/4	291.25	3/4	610.67	3/4	966.26	3/4	1,328.01	3/4	1,689.75	3/4	2,051.69	3/4	2,413.89	3/4	2,776.10	3/4	3,138.00	3/4	3,499.47

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
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BARGE "HSM 714"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,507.00	0		0		0		0		0		0		0		0		0	
1/4	3,514.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,522.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,529.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,537.12	1		1		1		1		1		1		1		1		1	
1/4	3,544.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,552.17	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,559.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,567.22	2		2		2		2		2		2		2		2		2	
1/4	3,574.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,582.21	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,589.70	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,597.19	3		3		3		3		3		3		3		3		3	
1/4	3,604.68	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,612.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,619.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,627.16	4		4		4		4		4		4		4		4		4	
1/4	3,634.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,642.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,649.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,657.13	5		5		5		5		5		5		5		5		5	
1/4	3,664.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,672.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,679.61	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,687.11	6		6		6		6		6		6		6		6		6	
1/4	3,694.55	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,702.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,709.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,716.89	7		7		7		7		7		7		7		7		7	
1/4	3,723.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,737.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,744.97	8		8		8		8		8		8		8		8		8	
1/4	3,751.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.50	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,763.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,770.03	9		9		9		9		9		9		9		9		9	
1/4	3,775.55	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,781.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,792.08	10		10		10		10		10		10		10		10		10	
1/4	3,796.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,801.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,806.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,811.11	11		11		11		11		11		11		11		11		11	
1/4	3,815.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,819.11	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: 03/21/2019 CL
CALCULATED: 03/22/2019 CL
PRINTED: 03/23/2019 CL

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2019



BARGE "HSM 714"

2 PORT 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	18.18	0	361.24	0	713.06	0	1,062.26	0	1,412.17	0	1,768.95	0	2,127.21	0	2,486.72	0	2,846.23	0	3,205.44
1/4	23.09	1/4	368.73	1/4	720.55	1/4	1,069.39	1/4	1,419.66	1/4	1,776.27	1/4	2,134.70	1/4	2,494.21	1/4	2,853.72	1/4	3,212.91
1/2	28.01	1/2	376.22	1/2	728.04	1/2	1,076.51	1/2	1,427.15	1/2	1,783.60	1/2	2,142.19	1/2	2,501.70	1/2	2,861.21	1/2	3,220.39
3/4	32.92	3/4	383.71	3/4	735.53	3/4	1,083.64	3/4	1,434.64	3/4	1,790.92	3/4	2,149.68	3/4	2,509.19	3/4	2,868.70	3/4	3,227.86
1	37.84	1	391.20	1	743.02	1	1,090.77	1	1,442.13	1	1,798.24	1	2,157.17	1	2,516.68	1	2,876.19	1	3,235.34
1/4	44.49	1/4	398.69	1/4	750.51	1/4	1,097.90	1/4	1,449.62	1/4	1,805.59	1/4	2,164.66	1/4	2,524.17	1/4	2,883.68	1/4	3,242.81
1/2	51.13	1/2	406.18	1/2	758.00	1/2	1,105.04	1/2	1,457.11	1/2	1,812.93	1/2	2,172.15	1/2	2,531.66	1/2	2,891.17	1/2	3,250.29
3/4	57.78	3/4	413.67	3/4	765.49	3/4	1,112.17	3/4	1,464.60	3/4	1,820.28	3/4	2,179.64	3/4	2,539.15	3/4	2,898.66	3/4	3,257.76
2	64.42	2	421.16	2	772.98	2	1,119.30	2	1,472.09	2	1,827.62	2	2,187.13	2	2,546.64	2	2,906.15	2	3,265.24
1/4	71.70	1/4	428.65	1/4	780.47	1/4	1,126.43	1/4	1,479.58	1/4	1,835.11	1/4	2,194.62	1/4	2,554.13	1/4	2,913.64	1/4	3,272.71
1/2	78.99	1/2	436.14	1/2	787.96	1/2	1,133.56	1/2	1,487.07	1/2	1,842.60	1/2	2,202.11	1/2	2,561.62	1/2	2,921.13	1/2	3,280.19
3/4	86.27	3/4	443.63	3/4	795.45	3/4	1,140.69	3/4	1,494.56	3/4	1,850.09	3/4	2,209.60	3/4	2,569.11	3/4	2,928.62	3/4	3,287.66
3	93.55	3	451.12	3	802.94	3	1,147.83	3	1,502.06	3	1,857.58	3	2,217.09	3	2,576.60	3	2,936.11	3	3,295.13
1/4	100.73	1/4	458.59	1/4	810.43	1/4	1,154.96	1/4	1,509.55	1/4	1,865.07	1/4	2,224.58	1/4	2,584.09	1/4	2,943.60	1/4	3,302.61
1/2	107.92	1/2	466.06	1/2	817.92	1/2	1,162.10	1/2	1,517.04	1/2	1,872.56	1/2	2,232.07	1/2	2,591.58	1/2	2,951.09	1/2	3,310.08
3/4	115.11	3/4	473.53	3/4	825.42	3/4	1,169.24	3/4	1,524.53	3/4	1,880.05	3/4	2,239.56	3/4	2,599.07	3/4	2,958.58	3/4	3,317.56
4	122.29	4	481.00	4	832.91	4	1,176.38	4	1,532.02	4	1,887.54	4	2,247.05	4	2,606.56	4	2,966.07	4	3,325.03
1/4	129.64	1/4	488.31	1/4	840.35	1/4	1,183.52	1/4	1,539.51	1/4	1,895.03	1/4	2,254.54	1/4	2,614.05	1/4	2,973.56	1/4	3,332.51
1/2	136.99	1/2	495.62	1/2	847.80	1/2	1,190.66	1/2	1,547.00	1/2	1,902.52	1/2	2,262.03	1/2	2,621.54	1/2	2,981.05	1/2	3,339.98
3/4	144.34	3/4	502.94	3/4	855.24	3/4	1,197.80	3/4	1,554.49	3/4	1,910.01	3/4	2,269.52	3/4	2,629.03	3/4	2,988.54	3/4	3,347.46
5	151.69	5	510.25	5	862.68	5	1,204.94	5	1,561.98	5	1,917.50	5	2,277.01	5	2,636.52	5	2,996.03	5	3,354.93
1/4	159.17	1/4	517.42	1/4	869.81	1/4	1,212.09	1/4	1,569.47	1/4	1,924.99	1/4	2,284.50	1/4	2,644.01	1/4	3,003.52	1/4	3,362.40
1/2	166.65	1/2	524.59	1/2	876.94	1/2	1,219.25	1/2	1,576.96	1/2	1,932.48	1/2	2,291.99	1/2	2,651.50	1/2	3,011.01	1/2	3,369.88
3/4	174.14	3/4	531.76	3/4	884.07	3/4	1,226.41	3/4	1,584.45	3/4	1,939.97	3/4	2,299.48	3/4	2,658.99	3/4	3,018.50	3/4	3,377.35
6	181.62	6	538.93	6	891.20	6	1,233.56	6	1,591.94	6	1,947.46	6	2,306.97	6	2,666.48	6	3,025.99	6	3,384.83
1/4	189.10	1/4	546.10	1/4	898.32	1/4	1,240.76	1/4	1,599.43	1/4	1,954.95	1/4	2,314.46	1/4	2,673.97	1/4	3,033.48	1/4	3,392.30
1/2	196.59	1/2	553.27	1/2	905.45	1/2	1,247.96	1/2	1,606.92	1/2	1,962.44	1/2	2,321.95	1/2	2,681.46	1/2	3,040.97	1/2	3,399.78
3/4	204.07	3/4	560.44	3/4	912.58	3/4	1,255.16	3/4	1,614.41	3/4	1,969.93	3/4	2,329.44	3/4	2,688.95	3/4	3,048.46	3/4	3,407.25
7	211.55	7	567.61	7	919.71	7	1,262.36	7	1,621.90	7	1,977.42	7	2,336.93	7	2,696.44	7	3,055.95	7	3,414.73
1/4	219.04	1/4	574.78	1/4	926.83	1/4	1,269.85	1/4	1,629.37	1/4	1,984.91	1/4	2,344.42	1/4	2,703.93	1/4	3,063.42	1/4	3,422.20
1/2	226.52	1/2	581.95	1/2	933.96	1/2	1,277.34	1/2	1,636.84	1/2	1,992.40	1/2	2,351.91	1/2	2,711.42	1/2	3,070.90	1/2	3,429.68
3/4	234.00	3/4	589.12	3/4	941.09	3/4	1,284.83	3/4	1,644.31	3/4	1,999.88	3/4	2,359.40	3/4	2,718.91	3/4	3,078.37	3/4	3,437.15
8	241.49	8	596.29	8	948.22	8	1,292.32	8	1,651.78	8	2,007.37	8	2,366.89	8	2,726.40	8	3,085.85	8	3,444.62
1/4	248.97	1/4	603.46	1/4	955.34	1/4	1,299.81	1/4	1,659.10	1/4	2,014.86	1/4	2,374.37	1/4	2,733.89	1/4	3,093.32	1/4	3,452.10
1/2	256.45	1/2	610.63	1/2	962.47	1/2	1,307.30	1/2	1,666.43	1/2	2,022.35	1/2	2,381.86	1/2	2,741.38	1/2	3,100.80	1/2	3,459.57
3/4	263.94	3/4	617.80	3/4	969.60	3/4	1,314.79	3/4	1,673.75	3/4	2,029.84	3/4	2,389.35	3/4	2,748.86	3/4	3,108.27	3/4	3,467.05
9	271.42	9	624.97	9	976.73	9	1,322.28	9	1,681.07	9	2,037.33	9	2,396.84	9	2,756.35	9	3,115.75	9	3,474.52
1/4	278.90	1/4	632.15	1/4	983.85	1/4	1,329.77	1/4	1,688.40	1/4	2,044.82	1/4	2,404.33	1/4	2,763.84	1/4	3,123.22	1/4	3,482.00
1/2	286.39	1/2	639.34	1/2	990.98	1/2	1,337.26	1/2	1,695.72	1/2	2,052.31	1/2	2,411.82	1/2	2,771.33	1/2	3,130.70	1/2	3,489.47
3/4	293.87	3/4	646.53	3/4	998.11	3/4	1,344.75	3/4	1,703.04	3/4	2,059.80	3/4	2,419.31	3/4	2,778.82	3/4	3,138.17	3/4	3,496.95
10	301.36	10	653.72	10	1,005.24	10	1,352.24	10	1,710.37	10	2,067.29	10	2,426.80	10	2,786.31	10	3,145.64	10	3,504.42
1/4	308.84	1/4	661.07	1/4	1,012.36	1/4	1,359.73	1/4	1,717.69	1/4	2,074.78	1/4	2,434.29	1/4	2,793.80	1/4	3,153.12	1/4	3,511.89
1/2	316.32	1/2	668.42	1/2	1,019.49	1/2	1,367.22	1/2	1,725.01	1/2	2,082.27	1/2	2,441.78	1/2	2,801.29	1/2	3,160.59	1/2	3,519.37
3/4	323.81	3/4	675.77	3/4	1,026.62	3/4	1,374.71	3/4	1,732.33	3/4	2,089.76	3/4	2,449.27	3/4	2,808.78	3/4	3,168.07	3/4	3,526.84
11	331.29	11	683.11	11	1,033.75	11	1,382.21	11	1,739.66	11	2,097.25	11	2,456.76	11	2,816.27	11	3,175.54	11	3,534.32
1/4	338.78	1/4	690.60	1/4	1,040.87	1/4	1,389.70	1/4	1,746.98	1/4	2,104.74	1/4	2,464.25	1/4	2,823.76	1/4	3,183.02	1/4	3,541.79
1/2	346.27	1/2	698.09	1/2	1,048.00	1/2	1,397.19	1/2	1,754.30	1/2	2,112.23	1/2	2,471.74	1/2	2,831.25	1/2	3,190.49	1/2	3,549.27
3/4	353.75	3/4	705.57	3/4	1,055.13	3/4	1,404.68	3/4	1,761.63	3/4	2,119.72	3/4	2,479.23	3/4	2,838.74	3/4	3,197.97	3/4	3,556.74

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.
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 Pearland, Texas 77588
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BARGE "HSM 714"

2 PORT 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	3,564.22	0		0		0		0		0		0		0		0		0	
1/4	3,571.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,579.17	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,586.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,594.11	1		1		1		1		1		1		1		1		1	
1/4	3,601.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,609.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,616.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,623.99	2		2		2		2		2		2		2		2		2	
1/4	3,631.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,638.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,646.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,653.74	3		3		3		3		3		3		3		3		3	
1/4	3,661.17	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,668.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,676.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,683.48	4		4		4		4		4		4		4		4		4	
1/4	3,690.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,698.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,705.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,713.23	5		5		5		5		5		5		5		5		5	
1/4	3,720.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,728.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,735.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,742.98	6		6		6		6		6		6		6		6		6	
1/4	3,750.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,765.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,772.54	7		7		7		7		7		7		7		7		7	
1/4	3,779.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,793.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,800.41	8		8		8		8		8		8		8		8		8	
1/4	3,806.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,812.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,819.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,825.29	9		9		9		9		9		9		9		9		9	
1/4	3,830.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,841.70	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,847.17	10		10		10		10		10		10		10		10		10	
1/4	3,851.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,856.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,861.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,866.06	11		11		11		11		11		11		11		11		11	
1/4	3,870.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,874.00	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: 03/21/2019 CL
CALCULATED: 03/22/2019 CL
PRINTED: 03/23/2019 CL

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2019



BARGE "HSM 714"

2 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	18.14	0	360.61	0	711.82	0	1,069.92	0	1,428.39	0	1,784.55	0	2,142.19	0	2,501.08	0	2,859.97	0	3,218.55
1/4	23.05	1/4	368.09	1/4	719.30	1/4	1,077.37	1/4	1,435.87	1/4	1,791.86	1/4	2,149.67	1/4	2,508.56	1/4	2,867.44	1/4	3,226.01
1/2	27.96	1/2	375.57	1/2	726.78	1/2	1,084.82	1/2	1,443.34	1/2	1,799.17	1/2	2,157.15	1/2	2,516.03	1/2	2,874.92	1/2	3,233.47
3/4	32.87	3/4	383.05	3/4	734.26	3/4	1,092.27	3/4	1,450.82	3/4	1,806.48	3/4	2,164.62	3/4	2,523.51	3/4	2,882.40	3/4	3,240.93
1	37.77	1	390.52	1	741.73	1	1,099.72	1	1,458.30	1	1,813.80	1	2,172.10	1	2,530.99	1	2,889.87	1	3,248.40
1/4	44.41	1/4	398.00	1/4	749.21	1/4	1,107.17	1/4	1,465.78	1/4	1,821.13	1/4	2,179.58	1/4	2,538.46	1/4	2,897.35	1/4	3,255.86
1/2	51.04	1/2	405.48	1/2	756.69	1/2	1,114.62	1/2	1,473.25	1/2	1,828.46	1/2	2,187.05	1/2	2,545.94	1/2	2,904.83	1/2	3,263.32
3/4	57.68	3/4	412.95	3/4	764.16	3/4	1,122.07	3/4	1,480.73	3/4	1,835.79	3/4	2,194.53	3/4	2,553.42	3/4	2,912.30	3/4	3,270.78
2	64.31	2	420.43	2	771.64	2	1,129.53	2	1,488.21	2	1,843.12	2	2,202.01	2	2,560.89	2	2,919.78	2	3,278.24
1/4	71.58	1/4	427.91	1/4	779.12	1/4	1,136.98	1/4	1,495.69	1/4	1,850.60	1/4	2,209.48	1/4	2,568.37	1/4	2,927.26	1/4	3,285.70
1/2	78.85	1/2	435.39	1/2	786.60	1/2	1,144.43	1/2	1,503.16	1/2	1,858.07	1/2	2,216.96	1/2	2,575.85	1/2	2,934.73	1/2	3,293.16
3/4	86.12	3/4	442.86	3/4	794.07	3/4	1,151.89	3/4	1,510.64	3/4	1,865.55	3/4	2,224.44	3/4	2,583.32	3/4	2,942.21	3/4	3,300.63
3	93.39	3	450.34	3	801.55	3	1,159.34	3	1,518.12	3	1,873.03	3	2,231.91	3	2,590.80	3	2,949.69	3	3,308.09
1/4	100.56	1/4	457.80	1/4	809.03	1/4	1,166.80	1/4	1,525.60	1/4	1,880.50	1/4	2,239.39	1/4	2,598.28	1/4	2,957.16	1/4	3,315.55
1/2	107.73	1/2	465.26	1/2	816.50	1/2	1,174.26	1/2	1,533.07	1/2	1,887.98	1/2	2,246.87	1/2	2,605.75	1/2	2,964.64	1/2	3,323.01
3/4	114.91	3/4	472.71	3/4	823.98	3/4	1,181.72	3/4	1,540.55	3/4	1,895.46	3/4	2,254.34	3/4	2,613.23	3/4	2,972.12	3/4	3,330.47
4	122.08	4	480.17	4	831.46	4	1,189.17	4	1,548.03	4	1,902.94	4	2,261.82	4	2,620.71	4	2,979.59	4	3,337.93
1/4	129.42	1/4	487.47	1/4	838.93	1/4	1,196.63	1/4	1,555.51	1/4	1,910.41	1/4	2,269.30	1/4	2,628.18	1/4	2,987.07	1/4	3,345.40
1/2	136.75	1/2	494.76	1/2	846.41	1/2	1,204.10	1/2	1,562.98	1/2	1,917.89	1/2	2,276.78	1/2	2,635.66	1/2	2,994.55	1/2	3,352.86
3/4	144.09	3/4	502.06	3/4	853.88	3/4	1,211.56	3/4	1,570.46	3/4	1,925.37	3/4	2,284.25	3/4	2,643.14	3/4	3,002.02	3/4	3,360.32
5	151.42	5	509.36	5	861.35	5	1,219.02	5	1,577.94	5	1,932.84	5	2,291.73	5	2,650.62	5	3,009.50	5	3,367.78
1/4	158.89	1/4	516.52	1/4	868.80	1/4	1,226.50	1/4	1,585.42	1/4	1,940.32	1/4	2,299.21	1/4	2,658.09	1/4	3,016.98	1/4	3,375.24
1/2	166.36	1/2	523.67	1/2	876.25	1/2	1,233.97	1/2	1,592.89	1/2	1,947.80	1/2	2,306.68	1/2	2,665.57	1/2	3,024.46	1/2	3,382.70
3/4	173.84	3/4	530.83	3/4	883.70	3/4	1,241.45	3/4	1,600.37	3/4	1,955.27	3/4	2,314.16	3/4	2,673.05	3/4	3,031.93	3/4	3,390.16
6	181.31	6	537.99	6	891.15	6	1,248.93	6	1,607.85	6	1,962.75	6	2,321.64	6	2,680.52	6	3,039.41	6	3,397.63
1/4	188.78	1/4	545.15	1/4	898.60	1/4	1,256.41	1/4	1,615.33	1/4	1,970.23	1/4	2,329.11	1/4	2,688.00	1/4	3,046.89	1/4	3,405.09
1/2	196.25	1/2	552.31	1/2	906.05	1/2	1,263.88	1/2	1,622.80	1/2	1,977.70	1/2	2,336.59	1/2	2,695.48	1/2	3,054.36	1/2	3,412.55
3/4	203.72	3/4	559.46	3/4	913.49	3/4	1,271.36	3/4	1,630.28	3/4	1,985.18	3/4	2,344.07	3/4	2,702.95	3/4	3,061.84	3/4	3,420.01
7	211.19	7	566.62	7	920.94	7	1,278.84	7	1,637.76	7	1,992.66	7	2,351.54	7	2,710.43	7	3,069.32	7	3,427.47
1/4	218.66	1/4	573.78	1/4	928.39	1/4	1,286.32	1/4	1,645.22	1/4	2,000.13	1/4	2,359.02	1/4	2,717.91	1/4	3,076.78	1/4	3,434.93
1/2	226.13	1/2	580.94	1/2	935.84	1/2	1,293.79	1/2	1,652.67	1/2	2,007.61	1/2	2,366.50	1/2	2,725.38	1/2	3,084.24	1/2	3,442.39
3/4	233.60	3/4	588.09	3/4	943.29	3/4	1,301.27	3/4	1,660.13	3/4	2,015.09	3/4	2,373.97	3/4	2,732.86	3/4	3,091.70	3/4	3,449.86
8	241.07	8	595.25	8	950.74	8	1,308.75	8	1,667.59	8	2,022.56	8	2,381.45	8	2,740.34	8	3,099.17	8	3,457.32
1/4	248.54	1/4	602.41	1/4	958.19	1/4	1,316.23	1/4	1,674.90	1/4	2,030.04	1/4	2,388.93	1/4	2,747.81	1/4	3,106.63	1/4	3,464.78
1/2	256.01	1/2	609.57	1/2	965.64	1/2	1,323.70	1/2	1,682.21	1/2	2,037.52	1/2	2,396.40	1/2	2,755.29	1/2	3,114.09	1/2	3,472.24
3/4	263.48	3/4	616.72	3/4	973.08	3/4	1,331.18	3/4	1,689.52	3/4	2,044.99	3/4	2,403.88	3/4	2,762.77	3/4	3,121.55	3/4	3,479.70
9	270.95	9	623.88	9	980.53	9	1,338.66	9	1,696.83	9	2,052.47	9	2,411.36	9	2,770.24	9	3,129.01	9	3,487.16
1/4	278.42	1/4	631.06	1/4	987.98	1/4	1,346.14	1/4	1,704.14	1/4	2,059.95	1/4	2,418.83	1/4	2,777.72	1/4	3,136.47	1/4	3,494.63
1/2	285.89	1/2	638.24	1/2	995.43	1/2	1,353.61	1/2	1,711.45	1/2	2,067.42	1/2	2,426.31	1/2	2,785.20	1/2	3,143.93	1/2	3,502.09
3/4	293.36	3/4	645.41	3/4	1,002.88	3/4	1,361.09	3/4	1,718.76	3/4	2,074.90	3/4	2,433.79	3/4	2,792.67	3/4	3,151.40	3/4	3,509.55
10	300.83	10	652.59	10	1,010.33	10	1,368.57	10	1,726.07	10	2,082.38	10	2,441.26	10	2,800.15	10	3,158.86	10	3,517.01
1/4	308.30	1/4	659.92	1/4	1,017.78	1/4	1,376.05	1/4	1,733.38	1/4	2,089.86	1/4	2,448.74	1/4	2,807.63	1/4	3,166.32	1/4	3,524.47
1/2	315.77	1/2	667.26	1/2	1,025.23	1/2	1,383.52	1/2	1,740.69	1/2	2,097.33	1/2	2,456.22	1/2	2,815.10	1/2	3,173.78	1/2	3,531.93
3/4	323.25	3/4	674.59	3/4	1,032.67	3/4	1,391.00	3/4	1,748.00	3/4	2,104.81	3/4	2,463.70	3/4	2,822.58	3/4	3,181.24	3/4	3,539.39
11	330.72	11	681.93	11	1,040.12	11	1,398.48	11	1,755.31	11	2,112.29	11	2,471.17	11	2,830.06	11	3,188.70	11	3,546.86
1/4	338.19	1/4	689.40	1/4	1,047.57	1/4	1,405.96	1/4	1,762.62	1/4	2,119.76	1/4	2,478.65	1/4	2,837.54	1/4	3,196.17	1/4	3,554.32
1/2	345.67	1/2	696.87	1/2	1,055.02	1/2	1,413.43	1/2	1,769.93	1/2	2,127.24	1/2	2,486.13	1/2	2,845.01	1/2	3,203.63	1/2	3,561.78
3/4	353.14	3/4	704.35	3/4	1,062.47	3/4	1,420.91	3/4	1,777.24	3/4	2,134.72	3/4	2,493.60	3/4	2,852.49	3/4	3,211.09	3/4	3,569.24

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 714"

**2 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	3,576.70	0		0		0		0		0		0		0		0		0	
1/4	3,584.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,591.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,599.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,606.55	1		1		1		1		1		1		1		1		1	
1/4	3,614.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,621.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,628.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,636.37	2		2		2		2		2		2		2		2		2	
1/4	3,643.80	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,651.22	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,658.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,666.07	3		3		3		3		3		3		3		3		3	
1/4	3,673.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,680.92	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,695.76	4		4		4		4		4		4		4		4		4	
1/4	3,703.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,710.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,718.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,725.46	5		5		5		5		5		5		5		5		5	
1/4	3,732.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.31	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,747.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,755.15	6		6		6		6		6		6		6		6		6	
1/4	3,762.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,769.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,777.28	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,784.66	7		7		7		7		7		7		7		7		7	
1/4	3,791.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,798.58	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,805.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,812.49	8		8		8		8		8		8		8		8		8	
1/4	3,818.70	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,824.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,831.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,837.33	9		9		9		9		9		9		9		9		9	
1/4	3,842.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,848.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,853.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,859.17	10		10		10		10		10		10		10		10		10	
1/4	3,863.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,868.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.31	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,878.02	11		11		11		11		11		11		11		11		11	
1/4	3,881.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,885.95	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: 03/21/2019 CL
CALCULATED: 03/22/2019 CL
PRINTED: 03/23/2019 CL

**PRECISION MEASUREMENT
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**CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2019**



BARGE "HSM 714"

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	18.09	0	359.44	0	708.95	0	1,055.18	0	1,401.94	0	1,756.13	0	2,111.64	0	2,468.65	0	2,825.66	0	3,182.36
1/4	22.98	1/4	366.89	1/4	716.39	1/4	1,062.24	1/4	1,409.37	1/4	1,763.40	1/4	2,119.07	1/4	2,476.09	1/4	2,833.10	1/4	3,189.78
1/2	27.87	1/2	374.35	1/2	723.83	1/2	1,069.29	1/2	1,416.80	1/2	1,770.68	1/2	2,126.51	1/2	2,483.53	1/2	2,840.54	1/2	3,197.21
3/4	32.76	3/4	381.80	3/4	731.27	3/4	1,076.35	3/4	1,424.23	3/4	1,777.96	3/4	2,133.95	3/4	2,490.96	3/4	2,847.98	3/4	3,204.63
1	37.65	1	389.25	1	738.71	1	1,083.41	1	1,431.66	1	1,785.24	1	2,141.39	1	2,498.40	1	2,855.42	1	3,212.05
1/4	44.27	1/4	396.71	1/4	746.15	1/4	1,090.47	1/4	1,439.09	1/4	1,792.54	1/4	2,148.82	1/4	2,505.84	1/4	2,862.85	1/4	3,219.47
1/2	50.88	1/2	404.16	1/2	753.59	1/2	1,097.53	1/2	1,446.53	1/2	1,799.83	1/2	2,156.26	1/2	2,513.28	1/2	2,870.29	1/2	3,226.90
3/4	57.49	3/4	411.61	3/4	761.03	3/4	1,104.59	3/4	1,453.96	3/4	1,807.13	3/4	2,163.70	3/4	2,520.71	3/4	2,877.73	3/4	3,234.32
2	64.11	2	419.06	2	768.48	2	1,111.65	2	1,461.39	2	1,814.43	2	2,171.14	2	2,528.15	2	2,885.17	2	3,241.74
1/4	71.35	1/4	426.50	1/4	775.92	1/4	1,118.71	1/4	1,468.82	1/4	1,821.86	1/4	2,178.58	1/4	2,535.59	1/4	2,892.60	1/4	3,249.16
1/2	78.60	1/2	433.94	1/2	783.36	1/2	1,125.78	1/2	1,476.25	1/2	1,829.29	1/2	2,186.01	1/2	2,543.03	1/2	2,900.04	1/2	3,256.59
3/4	85.84	3/4	441.38	3/4	790.80	3/4	1,132.84	3/4	1,483.68	3/4	1,836.72	3/4	2,193.45	3/4	2,550.47	3/4	2,907.48	3/4	3,264.01
3	93.08	3	448.83	3	798.24	3	1,139.90	3	1,491.12	3	1,844.15	3	2,200.89	3	2,557.90	3	2,914.92	3	3,271.43
1/4	100.23	1/4	456.25	1/4	805.68	1/4	1,146.97	1/4	1,498.55	1/4	1,851.58	1/4	2,208.33	1/4	2,565.34	1/4	2,922.36	1/4	3,278.85
1/2	107.38	1/2	463.67	1/2	813.12	1/2	1,154.03	1/2	1,505.98	1/2	1,859.01	1/2	2,215.76	1/2	2,572.78	1/2	2,929.79	1/2	3,286.27
3/4	114.53	3/4	471.09	3/4	820.57	3/4	1,161.10	3/4	1,513.41	3/4	1,866.44	3/4	2,223.20	3/4	2,580.22	3/4	2,937.23	3/4	3,293.70
4	121.68	4	478.51	4	828.01	4	1,168.17	4	1,520.84	4	1,873.87	4	2,230.64	4	2,587.65	4	2,944.67	4	3,301.12
1/4	128.99	1/4	485.77	1/4	835.40	1/4	1,175.24	1/4	1,528.27	1/4	1,881.30	1/4	2,238.08	1/4	2,595.09	1/4	2,952.11	1/4	3,308.54
1/2	136.31	1/2	493.03	1/2	842.79	1/2	1,182.31	1/2	1,535.70	1/2	1,888.73	1/2	2,245.52	1/2	2,602.53	1/2	2,959.54	1/2	3,315.96
3/4	143.62	3/4	500.30	3/4	850.19	3/4	1,189.37	3/4	1,543.14	3/4	1,896.16	3/4	2,252.95	3/4	2,609.97	3/4	2,966.98	3/4	3,323.39
5	150.93	5	507.56	5	857.58	5	1,196.44	5	1,550.57	5	1,903.59	5	2,260.39	5	2,617.41	5	2,974.42	5	3,330.81
1/4	158.37	1/4	514.68	1/4	864.64	1/4	1,203.53	1/4	1,558.00	1/4	1,911.02	1/4	2,267.83	1/4	2,624.84	1/4	2,981.86	1/4	3,338.23
1/2	165.82	1/2	521.80	1/2	871.70	1/2	1,210.62	1/2	1,565.43	1/2	1,918.45	1/2	2,275.27	1/2	2,632.28	1/2	2,989.30	1/2	3,345.65
3/4	173.27	3/4	528.92	3/4	878.75	3/4	1,217.70	3/4	1,572.86	3/4	1,925.88	3/4	2,282.70	3/4	2,639.72	3/4	2,996.73	3/4	3,353.08
6	180.71	6	536.04	6	885.81	6	1,224.79	6	1,580.29	6	1,933.31	6	2,290.14	6	2,647.16	6	3,004.17	6	3,360.50
1/4	188.16	1/4	543.16	1/4	892.87	1/4	1,231.92	1/4	1,587.73	1/4	1,940.74	1/4	2,297.58	1/4	2,654.59	1/4	3,011.61	1/4	3,367.92
1/2	195.61	1/2	550.28	1/2	899.92	1/2	1,239.05	1/2	1,595.16	1/2	1,948.17	1/2	2,305.02	1/2	2,662.03	1/2	3,019.04	1/2	3,375.34
3/4	203.05	3/4	557.40	3/4	906.98	3/4	1,246.17	3/4	1,602.59	3/4	1,955.60	3/4	2,312.46	3/4	2,669.47	3/4	3,026.48	3/4	3,382.77
7	210.50	7	564.52	7	914.04	7	1,253.30	7	1,610.02	7	1,963.03	7	2,319.89	7	2,676.91	7	3,033.91	7	3,390.19
1/4	217.94	1/4	571.64	1/4	921.09	1/4	1,260.74	1/4	1,617.43	1/4	1,970.46	1/4	2,327.33	1/4	2,684.35	1/4	3,041.34	1/4	3,397.61
1/2	225.39	1/2	578.75	1/2	928.15	1/2	1,268.17	1/2	1,624.85	1/2	1,977.89	1/2	2,334.77	1/2	2,691.78	1/2	3,048.76	1/2	3,405.03
3/4	232.84	3/4	585.87	3/4	935.21	3/4	1,275.60	3/4	1,632.26	3/4	1,985.32	3/4	2,342.21	3/4	2,699.22	3/4	3,056.18	3/4	3,412.46
8	240.28	8	592.99	8	942.27	8	1,283.03	8	1,639.67	8	1,992.75	8	2,349.65	8	2,706.66	8	3,063.60	8	3,419.88
1/4	247.73	1/4	600.11	1/4	949.32	1/4	1,290.46	1/4	1,646.95	1/4	2,000.18	1/4	2,357.08	1/4	2,714.10	1/4	3,071.03	1/4	3,427.30
1/2	255.18	1/2	607.23	1/2	956.38	1/2	1,297.89	1/2	1,654.23	1/2	2,007.61	1/2	2,364.52	1/2	2,721.54	1/2	3,078.45	1/2	3,434.72
3/4	262.62	3/4	614.35	3/4	963.44	3/4	1,305.33	3/4	1,661.51	3/4	2,015.04	3/4	2,371.96	3/4	2,728.97	3/4	3,085.87	3/4	3,442.15
9	270.07	9	621.47	9	970.49	9	1,312.76	9	1,668.78	9	2,022.47	9	2,379.40	9	2,736.41	9	3,093.29	9	3,449.57
1/4	277.51	1/4	628.61	1/4	977.55	1/4	1,320.19	1/4	1,676.06	1/4	2,029.90	1/4	2,386.83	1/4	2,743.85	1/4	3,100.71	1/4	3,456.99
1/2	284.96	1/2	635.74	1/2	984.61	1/2	1,327.62	1/2	1,683.34	1/2	2,037.33	1/2	2,394.27	1/2	2,751.29	1/2	3,108.14	1/2	3,464.41
3/4	292.41	3/4	642.88	3/4	991.67	3/4	1,335.05	3/4	1,690.62	3/4	2,044.76	3/4	2,401.71	3/4	2,758.72	3/4	3,115.56	3/4	3,471.83
10	299.85	10	650.02	10	998.72	10	1,342.48	10	1,697.90	10	2,052.19	10	2,409.15	10	2,766.16	10	3,122.98	10	3,479.26
1/4	307.30	1/4	657.32	1/4	1,005.78	1/4	1,349.91	1/4	1,705.18	1/4	2,059.62	1/4	2,416.59	1/4	2,773.60	1/4	3,130.40	1/4	3,486.68
1/2	314.75	1/2	664.61	1/2	1,012.84	1/2	1,357.35	1/2	1,712.46	1/2	2,067.05	1/2	2,424.02	1/2	2,781.04	1/2	3,137.83	1/2	3,494.10
3/4	322.19	3/4	671.91	3/4	1,019.89	3/4	1,364.78	3/4	1,719.73	3/4	2,074.48	3/4	2,431.46	3/4	2,788.48	3/4	3,145.25	3/4	3,501.52
11	329.64	11	679.20	11	1,026.95	11	1,372.21	11	1,727.01	11	2,081.91	11	2,438.90	11	2,795.91	11	3,152.67	11	3,508.95
1/4	337.09	1/4	686.64	1/4	1,034.01	1/4	1,379.64	1/4	1,734.29	1/4	2,089.34	1/4	2,446.34	1/4	2,803.35	1/4	3,160.09	1/4	3,516.37
1/2	344.54	1/2	694.07	1/2	1,041.07	1/2	1,387.07	1/2	1,741.57	1/2	2,096.77	1/2	2,453.77	1/2	2,810.79	1/2	3,167.52	1/2	3,523.79
3/4	351.99	3/4	701.51	3/4	1,048.12	3/4	1,394.50	3/4	1,748.85	3/4	2,104.20	3/4	2,461.21	3/4	2,818.23	3/4	3,174.94	3/4	3,531.21

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 714"

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	3,538.64	0		0		0		0		0		0		0		0		0	
1/4	3,546.06	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,553.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,560.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,568.33	1		1		1		1		1		1		1		1		1	
1/4	3,575.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,583.16	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,590.58	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,598.00	2		2		2		2		2		2		2		2		2	
1/4	3,605.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,612.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,620.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,627.53	3		3		3		3		3		3		3		3		3	
1/4	3,634.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,642.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,649.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,657.07	4		4		4		4		4		4		4		4		4	
1/4	3,664.46	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,671.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,679.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,686.61	5		5		5		5		5		5		5		5		5	
1/4	3,694.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,701.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,708.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,716.15	6		6		6		6		6		6		6		6		6	
1/4	3,723.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,745.50	7		7		7		7		7		7		7		7		7	
1/4	3,752.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,759.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,766.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,773.17	8		8		8		8		8		8		8		8		8	
1/4	3,779.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,785.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,791.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,797.87	9		9		9		9		9		9		9		9		9	
1/4	3,803.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,808.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,814.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,819.58	10		10		10		10		10		10		10		10		10	
1/4	3,824.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,828.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,833.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,838.36	11		11		11		11		11		11		11		11		11	
1/4	3,842.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,846.26	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: 03/21/2019 CL
 CALCULATED: 03/22/2019 CL
 PRINTED: 03/23/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "HSM 714"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-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	18.08	0	359.34	0	709.29	0	1,066.12	0	1,423.33	0	1,778.22	0	2,134.12	0	2,491.47	0	2,849.01	0	3,206.24
1/4	22.97	1/4	366.79	1/4	716.74	1/4	1,073.55	1/4	1,430.78	1/4	1,785.50	1/4	2,141.54	1/4	2,498.92	1/4	2,856.46	1/4	3,213.67
1/2	27.86	1/2	374.24	1/2	724.19	1/2	1,080.97	1/2	1,438.23	1/2	1,792.78	1/2	2,148.96	1/2	2,506.37	1/2	2,863.91	1/2	3,221.11
3/4	32.75	3/4	381.69	3/4	731.64	3/4	1,088.39	3/4	1,445.69	3/4	1,800.07	3/4	2,156.39	3/4	2,513.82	3/4	2,871.36	3/4	3,228.54
1	37.64	1	389.14	1	739.09	1	1,095.81	1	1,453.14	1	1,807.35	1	2,163.81	1	2,521.27	1	2,878.81	1	3,235.97
1/4	44.25	1/4	396.59	1/4	746.54	1/4	1,103.24	1/4	1,460.59	1/4	1,814.65	1/4	2,171.24	1/4	2,528.71	1/4	2,886.26	1/4	3,243.41
1/2	50.87	1/2	404.05	1/2	753.99	1/2	1,110.67	1/2	1,468.04	1/2	1,821.96	1/2	2,178.66	1/2	2,536.16	1/2	2,893.71	1/2	3,250.84
3/4	57.48	3/4	411.50	3/4	761.44	3/4	1,118.09	3/4	1,475.49	3/4	1,829.26	3/4	2,186.09	3/4	2,543.61	3/4	2,901.15	3/4	3,258.27
2	64.09	2	418.95	2	768.90	2	1,125.52	2	1,482.94	2	1,836.57	2	2,193.52	2	2,551.06	2	2,908.60	2	3,265.71
1/4	71.33	1/4	426.40	1/4	776.35	1/4	1,132.95	1/4	1,490.39	1/4	1,844.02	1/4	2,200.97	1/4	2,558.51	1/4	2,916.05	1/4	3,273.14
1/2	78.57	1/2	433.85	1/2	783.80	1/2	1,140.37	1/2	1,497.85	1/2	1,851.47	1/2	2,208.42	1/2	2,565.96	1/2	2,923.50	1/2	3,280.57
3/4	85.82	3/4	441.30	3/4	791.25	3/4	1,147.80	3/4	1,505.30	3/4	1,858.92	3/4	2,215.86	3/4	2,573.41	3/4	2,930.95	3/4	3,288.01
3	93.06	3	448.75	3	798.70	3	1,155.23	3	1,512.75	3	1,866.37	3	2,223.31	3	2,580.86	3	2,938.40	3	3,295.44
1/4	100.21	1/4	456.18	1/4	806.15	1/4	1,162.66	1/4	1,520.20	1/4	1,873.81	1/4	2,230.76	1/4	2,588.30	1/4	2,945.85	1/4	3,302.87
1/2	107.35	1/2	463.61	1/2	813.60	1/2	1,170.09	1/2	1,527.65	1/2	1,881.26	1/2	2,238.21	1/2	2,595.75	1/2	2,953.30	1/2	3,310.31
3/4	114.50	3/4	471.04	3/4	821.05	3/4	1,177.52	3/4	1,535.10	3/4	1,888.71	3/4	2,245.66	3/4	2,603.20	3/4	2,960.74	3/4	3,317.74
4	121.65	4	478.48	4	828.50	4	1,184.96	4	1,542.55	4	1,896.16	4	2,253.11	4	2,610.65	4	2,968.19	4	3,325.17
1/4	128.96	1/4	485.75	1/4	835.95	1/4	1,192.39	1/4	1,550.00	1/4	1,903.61	1/4	2,260.56	1/4	2,618.10	1/4	2,975.64	1/4	3,332.61
1/2	136.27	1/2	493.02	1/2	843.40	1/2	1,199.83	1/2	1,557.46	1/2	1,911.06	1/2	2,268.01	1/2	2,625.55	1/2	2,983.09	1/2	3,340.04
3/4	143.58	3/4	500.29	3/4	850.85	3/4	1,207.26	3/4	1,564.91	3/4	1,918.51	3/4	2,275.45	3/4	2,633.00	3/4	2,990.54	3/4	3,347.47
5	150.89	5	507.56	5	858.29	5	1,214.70	5	1,572.36	5	1,925.96	5	2,282.90	5	2,640.45	5	2,997.99	5	3,354.91
1/4	158.33	1/4	514.69	1/4	865.72	1/4	1,222.15	1/4	1,579.81	1/4	1,933.41	1/4	2,290.35	1/4	2,647.89	1/4	3,005.44	1/4	3,362.34
1/2	165.77	1/2	521.82	1/2	873.14	1/2	1,229.60	1/2	1,587.26	1/2	1,940.86	1/2	2,297.80	1/2	2,655.34	1/2	3,012.89	1/2	3,369.77
3/4	173.22	3/4	528.95	3/4	880.56	3/4	1,237.05	3/4	1,594.71	3/4	1,948.31	3/4	2,305.25	3/4	2,662.79	3/4	3,020.33	3/4	3,377.21
6	180.66	6	536.09	6	887.98	6	1,244.50	6	1,602.16	6	1,955.76	6	2,312.70	6	2,670.24	6	3,027.78	6	3,384.64
1/4	188.11	1/4	543.22	1/4	895.41	1/4	1,251.95	1/4	1,609.61	1/4	1,963.21	1/4	2,320.15	1/4	2,677.69	1/4	3,035.23	1/4	3,392.07
1/2	195.55	1/2	550.35	1/2	902.83	1/2	1,259.40	1/2	1,617.07	1/2	1,970.66	1/2	2,327.60	1/2	2,685.14	1/2	3,042.68	1/2	3,399.51
3/4	202.99	3/4	557.48	3/4	910.25	3/4	1,266.86	3/4	1,624.52	3/4	1,978.11	3/4	2,335.05	3/4	2,692.59	3/4	3,050.12	3/4	3,406.94
7	210.44	7	564.61	7	917.67	7	1,274.31	7	1,631.97	7	1,985.56	7	2,342.49	7	2,700.04	7	3,057.57	7	3,414.37
1/4	217.88	1/4	571.74	1/4	925.10	1/4	1,281.76	1/4	1,639.40	1/4	1,993.01	1/4	2,349.94	1/4	2,707.49	1/4	3,065.00	1/4	3,421.81
1/2	225.33	1/2	578.87	1/2	932.52	1/2	1,289.21	1/2	1,646.83	1/2	2,000.45	1/2	2,357.39	1/2	2,714.93	1/2	3,072.44	1/2	3,429.24
3/4	232.77	3/4	586.00	3/4	939.94	3/4	1,296.66	3/4	1,654.26	3/4	2,007.90	3/4	2,364.84	3/4	2,722.38	3/4	3,079.87	3/4	3,436.67
8	240.22	8	593.14	8	947.36	8	1,304.11	8	1,661.69	8	2,015.35	8	2,372.29	8	2,729.83	8	3,087.30	8	3,444.11
1/4	247.66	1/4	600.27	1/4	954.79	1/4	1,311.56	1/4	1,668.97	1/4	2,022.77	1/4	2,379.74	1/4	2,737.28	1/4	3,094.74	1/4	3,451.54
1/2	255.10	1/2	607.40	1/2	962.21	1/2	1,319.01	1/2	1,676.25	1/2	2,030.19	1/2	2,387.19	1/2	2,744.73	1/2	3,102.17	1/2	3,458.97
3/4	262.55	3/4	614.53	3/4	969.63	3/4	1,326.47	3/4	1,683.54	3/4	2,037.62	3/4	2,394.64	3/4	2,752.18	3/4	3,109.60	3/4	3,466.41
9	269.99	9	621.66	9	977.05	9	1,333.92	9	1,690.82	9	2,045.04	9	2,402.08	9	2,759.63	9	3,117.04	9	3,473.84
1/4	277.44	1/4	628.81	1/4	984.48	1/4	1,341.37	1/4	1,698.10	1/4	2,052.46	1/4	2,409.53	1/4	2,767.08	1/4	3,124.47	1/4	3,481.27
1/2	284.88	1/2	635.96	1/2	991.90	1/2	1,348.82	1/2	1,705.39	1/2	2,059.89	1/2	2,416.98	1/2	2,774.52	1/2	3,131.90	1/2	3,488.71
3/4	292.33	3/4	643.11	3/4	999.32	3/4	1,356.27	3/4	1,712.67	3/4	2,067.31	3/4	2,424.43	3/4	2,781.97	3/4	3,139.34	3/4	3,496.14
10	299.77	10	650.27	10	1,006.74	10	1,363.72	10	1,719.95	10	2,074.73	10	2,431.88	10	2,789.42	10	3,146.77	10	3,503.57
1/4	307.21	1/4	657.57	1/4	1,014.17	1/4	1,371.17	1/4	1,727.24	1/4	2,082.16	1/4	2,439.33	1/4	2,796.87	1/4	3,154.20	1/4	3,511.01
1/2	314.66	1/2	664.88	1/2	1,021.59	1/2	1,378.62	1/2	1,734.52	1/2	2,089.58	1/2	2,446.78	1/2	2,804.32	1/2	3,161.64	1/2	3,518.44
3/4	322.10	3/4	672.19	3/4	1,029.01	3/4	1,386.08	3/4	1,741.80	3/4	2,097.00	3/4	2,454.23	3/4	2,811.77	3/4	3,169.07	3/4	3,525.87
11	329.55	11	679.50	11	1,036.43	11	1,393.53	11	1,749.09	11	2,104.43	11	2,461.67	11	2,819.22	11	3,176.50	11	3,533.31
1/4	337.00	1/4	686.94	1/4	1,043.86	1/4	1,400.98	1/4	1,756.37	1/4	2,111.85	1/4	2,469.12	1/4	2,826.67	1/4	3,183.94	1/4	3,540.74
1/2	344.44	1/2	694.39	1/2	1,051.28	1/2	1,408.43	1/2	1,763.65	1/2	2,119.27	1/2	2,476.57	1/2	2,834.11	1/2	3,191.37	1/2	3,548.17
3/4	351.89	3/4	701.84	3/4	1,058.70	3/4	1,415.88	3/4	1,770.93	3/4	2,126.70	3/4	2,484.02	3/4	2,841.56	3/4	3,198.80	3/4	3,555.61

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 714"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,563.04	0		0		0		0		0		0		0		0		0	
1/4	3,570.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,577.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,585.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,592.78	1		1		1		1		1		1		1		1		1	
1/4	3,600.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,607.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,615.06	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,622.49	2		2		2		2		2		2		2		2		2	
1/4	3,629.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,637.28	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,644.68	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,652.07	3		3		3		3		3		3		3		3		3	
1/4	3,659.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,666.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,674.26	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,681.66	4		4		4		4		4		4		4		4		4	
1/4	3,689.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,696.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,703.84	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,711.24	5		5		5		5		5		5		5		5		5	
1/4	3,718.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,726.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,733.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,740.82	6		6		6		6		6		6		6		6		6	
1/4	3,748.17	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,755.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,762.87	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,770.22	7		7		7		7		7		7		7		7		7	
1/4	3,777.15	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,784.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,791.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,797.93	8		8		8		8		8		8		8		8		8	
1/4	3,804.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,810.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,816.49	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,822.68	9		9		9		9		9		9		9		9		9	
1/4	3,828.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,833.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,839.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,844.44	10		10		10		10		10		10		10		10		10	
1/4	3,849.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,853.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,858.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,863.22	11		11		11		11		11		11		11		11		11	
1/4	3,867.17	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,871.12	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: 03/21/2019 CL
CALCULATED: 03/22/2019 CL
PRINTED: 03/23/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "HSM 714"

PORT FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 5'-08"

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	

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 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 03/2019

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "HSM 714"

STBD FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-08"

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	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 10" ULLAGE HATCH

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BARGE "HSM 714"

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	
1/2	1	1/2	106	1/2	262	1/2	415	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	
1	3	1	112	1	269	1	421	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	
1/2	5	1/2	118	1/2	276	1/2	426	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	
2	7	2	124	2	283	2	432	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	
1/2	10	1/2	130	1/2	289	1/2	437	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	13	3	137	3	296	3	442	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	
1/2	17	1/2	143	1/2	303	1/2	447	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	
4	20	4	149	4	309	4	452	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	
1/2	24	1/2	156	1/2	316	1/2	457	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	
5	28	5	162	5	322	5	462	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	
1/2	33	1/2	169	1/2	329	1/2	466	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	
6	37	6	175	6	335	6	471	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	
1/2	42	1/2	182	1/2	342	1/2	475	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	
7	46	7	188	7	348	7	479	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	
1/2	51	1/2	195	1/2	355	1/2	482	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	
8	56	8	202	8	361	8	486	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	
1/2	61	1/2	208	1/2	367	1/2	489	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	
9	67	9	215	9	374	9	492	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	
1/2	72	1/2	222	1/2	380	1/2	495	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	
10	77	10	229	10	386	10	497	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	
1/2	83	1/2	235	1/2	392	1/2	499	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	
11	89	11	242	11	398	11	501	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	
1/2	94	1/2	249	1/2	404	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	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER PIPE

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