



BARGE "HSM-3212"
HARDIN ST. MARINE

OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T066

Table with columns for gauge height (IN) and capacity (FT.) from 2 FT. to 17 FT. Each cell contains capacity values for different gauge heights (1/4, 1/2, 3/4).

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 11/27/12
REISSUED: 04/10/18 TO REFLECT CHANGE IN BARGE NAME

\* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 17'-3 1/2" (GAUGE POINT LOCATED NEAR CENTER OF TANK)
GAUGE WITH HERMETIC GAUGE TAPE ONLY.

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
IN ACCORDANCE WITH APPLICABLE API STANDARDS AND
ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

Inspectorate signature and 'INSPECTORATE AMERICA CORPORATION' text.



# BARGE "HSM-3212" HARDIN ST. MARINE

## OUTAGE TABLE

# 1 STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T066

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	4,103.17	0	3,813.44	0	3,523.45	0	3,233.39	0	2,943.33	0	2,653.26	0	2,363.20	0	2,073.13	0	1,783.07	0	1,493.01	0	1,202.94	0	911.88	0	620.62	0	330.59	0	67.39		
1/4		1/4	4,097.13	1/4	3,807.41	1/4	3,517.41	1/4	3,227.35	1/4	2,937.28	1/4	2,647.22	1/4	2,357.16	1/4	2,067.09	1/4	1,777.03	1/4	1,486.96	1/4	1,196.90	1/4	905.82	1/4	614.55	1/4	324.76	1/4	62.36		
1/2		1/2	4,091.10	1/2	3,801.37	1/2	3,511.37	1/2	3,221.30	1/2	2,931.24	1/2	2,641.18	1/2	2,351.11	1/2	2,061.05	1/2	1,770.98	1/2	1,480.92	1/2	1,190.86	1/2	899.75	1/2	608.48	1/2	318.93	1/2	57.33		
3/4		3/4	4,085.06	3/4	3,795.33	3/4	3,505.33	3/4	3,215.26	3/4	2,925.20	3/4	2,635.13	3/4	2,345.07	3/4	2,055.01	3/4	1,764.94	3/4	1,474.88	3/4	1,184.81	3/4	893.68	3/4	602.42	3/4	313.09	3/4	52.30		
1		1	4,079.03	1	3,789.30	1	3,499.28	1	3,209.22	1	2,919.15	1	2,629.09	1	2,339.03	1	2,048.96	1	1,758.90	1	1,468.83	1	1,178.77	1	887.61	1	596.35	1	307.26	1	47.26		
1/4		1/4	4,072.99	1/4	3,783.26	1/4	3,493.24	1/4	3,203.18	1/4	2,913.11	1/4	2,623.05	1/4	2,332.98	1/4	2,042.92	1/4	1,752.86	1/4	1,462.79	1/4	1,172.73	1/4	881.54	1/4	590.28	1/4	301.42	1/4	42.23		
1/2		1/2	4,066.95	1/2	3,777.23	1/2	3,487.20	1/2	3,197.13	1/2	2,907.07	1/2	2,617.00	1/2	2,326.94	1/2	2,036.88	1/2	1,746.81	1/2	1,456.75	1/2	1,166.66	1/2	875.48	1/2	584.21	1/2	295.59	1/2	37.77		
3/4		3/4	4,060.92	3/4	3,771.19	3/4	3,481.15	3/4	3,191.09	3/4	2,901.03	3/4	2,610.96	3/4	2,320.90	3/4	2,030.83	3/4	1,740.77	3/4	1,450.71	3/4	1,160.60	3/4	869.41	3/4	578.14	3/4	289.76	3/4	33.30		
2		2	4,054.88	2	3,765.15	2	3,475.11	2	3,185.05	2	2,894.98	2	2,604.92	2	2,314.85	2	2,024.79	2	1,734.73	2	1,444.66	2	1,154.53	2	863.34	2	572.08	2	283.92	2	28.83		
1/4		1/4	4,048.85	1/4	3,759.12	1/4	3,469.07	1/4	3,179.00	1/4	2,888.94	1/4	2,598.88	1/4	2,308.81	1/4	2,018.75	1/4	1,728.68	1/4	1,438.62	1/4	1,148.46	1/4	857.27	1/4	566.01	1/4	278.09	1/4	24.37		
1/2		1/2	4,042.81	1/2	3,753.08	1/2	3,463.02	1/2	3,172.96	1/2	2,882.90	1/2	2,592.83	1/2	2,302.77	1/2	2,012.70	1/2	1,722.64	1/2	1,432.58	1/2	1,142.40	1/2	851.20	1/2	559.94	1/2	272.45	1/2	21.23		
3/4	4,256.72	3/4	4,036.77	3/4	3,747.05	3/4	3,456.98	3/4	3,166.92	3/4	2,876.85	3/4	2,586.79	3/4	2,296.73	3/4	2,006.66	3/4	1,716.60	3/4	1,426.53	3/4	1,136.33	3/4	845.14	3/4	553.87	3/4	266.82	3/4	18.10		
3		3	4,030.74	3	3,741.00	3	3,450.94	3	3,160.87	3	2,870.81	3	2,580.75	3	2,290.68	3	2,000.62	3	1,710.55	3	1,420.49	3	1,130.27	3	839.07	3	547.80	3	261.19	3	14.97		
1/4		1/4	4,255.99	1/4	4,024.70	1/4	3,734.96	1/4	3,444.90	1/4	3,154.83	1/4	2,864.77	1/4	2,574.70	1/4	2,284.64	1/4	1,994.58	1/4	1,704.51	1/4	1,414.45	1/4	1,124.20	1/4	833.00	1/4	541.74	1/4	255.55	1/4	11.83
1/2		1/2	4,255.63	1/2	4,018.67	1/2	3,728.92	1/2	3,438.85	1/2	3,148.79	1/2	2,858.72	1/2	2,568.66	1/2	2,278.60	1/2	1,988.53	1/2	1,698.47	1/2	1,408.40	1/2	1,118.13	1/2	826.93	1/2	535.67	1/2	249.92	1/2	
3/4		3/4	4,254.34	3/4	4,012.63	3/4	3,722.87	3/4	3,432.81	3/4	3,142.75	3/4	2,852.68	3/4	2,562.62	3/4	2,272.55	3/4	1,982.49	3/4	1,692.43	3/4	1,402.36	3/4	1,112.07	3/4	820.86	3/4	529.60	3/4	244.28	3/4	
4		4	4,006.59	4	3,716.83	4	3,426.77	4	3,136.70	4	2,846.64	4	2,556.57	4	2,266.51	4	1,976.45	4	1,686.38	4	1,396.32	4	1,106.00	4	814.80	4	523.53	4	238.65	4			
1/4		1/4	4,251.77	1/4	4,000.56	1/4	3,710.79	1/4	3,420.72	1/4	3,130.66	1/4	2,840.60	1/4	2,550.53	1/4	1,970.40	1/4	1,680.34	1/4	1,390.28	1/4	1,109.94	1/4	808.73	1/4	517.46	1/4	233.02	1/4			
1/2		1/2	4,250.48	1/2	3,994.52	1/2	3,704.74	1/2	3,414.68	1/2	3,124.62	1/2	2,834.55	1/2	2,544.49	1/2	2,254.42	1/2	1,964.36	1/2	1,674.30	1/2	1,384.23	1/2	1,093.87	1/2	802.66	1/2	511.40	1/2	227.38	1/2	
3/4		3/4	4,248.14	3/4	3,988.49	3/4	3,698.70	3/4	3,408.64	3/4	3,118.57	3/4	2,828.51	3/4	2,538.45	3/4	2,248.38	3/4	1,958.32	3/4	1,668.25	3/4	1,378.19	3/4	1,087.80	3/4	796.59	3/4	503.33	3/4	221.75	3/4	
5		5	3,982.45	5	3,692.66	5	3,402.59	5	3,112.53	5	2,822.47	5	2,532.40	5	2,242.34	5	1,952.27	5	1,662.21	5	1,372.15	5	1,081.74	5	790.52	5	499.26	5	216.11	5			
1/4		1/4	4,243.45	1/4	3,976.41	1/4	3,686.62	1/4	3,396.55	1/4	3,106.49	1/4	2,816.42	1/4	2,526.36	1/4	1,946.23	1/4	1,656.17	1/4	1,366.10	1/4	1,075.67	1/4	784.46	1/4	493.19	1/4	210.48	1/4			
1/2		1/2	4,241.11	1/2	3,970.38	1/2	3,680.57	1/2	3,390.51	1/2	3,100.44	1/2	2,810.38	1/2	2,520.32	1/2	1,940.19	1/2	1,650.12	1/2	1,360.06	1/2	1,069.61	1/2	778.39	1/2	487.12	1/2	205.05	1/2			
3/4		3/4	4,237.71	3/4	3,964.34	3/4	3,674.53	3/4	3,384.47	3/4	3,094.40	3/4	2,804.34	3/4	2,514.27	3/4	1,934.15	3/4	1,644.08	3/4	1,354.02	3/4	1,063.54	3/4	772.32	3/4	481.06	3/4	199.61	3/4			
6		6	3,958.31	6	3,668.49	6	3,378.42	6	3,088.36	6	2,798.29	6	2,508.23	6	2,218.17	6	1,928.10	6	1,638.04	6	1,347.97	6	1,057.47	6	766.25	6	474.99	6	194.18	6			
1/4		1/4	4,230.92	1/4	3,952.27	1/4	3,662.44	1/4	3,372.38	1/4	3,082.32	1/4	2,792.25	1/4	2,502.19	1/4	1,922.06	1/4	1,632.00	1/4	1,341.93	1/4	1,051.41	1/4	760.18	1/4	468.92	1/4	188.75	1/4			
1/2		1/2	4,227.52	1/2	3,946.23	1/2	3,656.40	1/2	3,366.34	1/2	3,076.27	1/2	2,786.21	1/2	2,496.14	1/2	1,916.02	1/2	1,625.95	1/2	1,335.89	1/2	1,045.34	1/2	754.12	1/2	462.85	1/2	183.31	1/2			
3/4		3/4	4,223.07	3/4	3,940.20	3/4	3,650.36	3/4	3,360.29	3/4	3,070.23	3/4	2,780.17	3/4	2,490.10	3/4	1,909.97	3/4	1,619.91	3/4	1,329.85	3/4	1,039.28	3/4	748.05	3/4	456.78	3/4	177.88	3/4			
7		7	3,934.16	7	3,644.31	7	3,354.25	7	3,064.19	7	2,774.12	7	2,484.06	7	2,193.99	7	1,903.93	7	1,613.87	7	1,323.80	7	1,033.21	7	741.98	7	450.72	7	172.45	7			
1/4		1/4	4,214.16	1/4	3,928.13	1/4	3,638.27	1/4	3,348.21	1/4	3,058.14	1/4	2,768.08	1/4	2,478.02	1/4	1,897.95	1/4	1,607.82	1/4	1,317.76	1/4	1,027.14	1/4	735.91	1/4	444.65	1/4	167.02	1/4			
1/2		1/2	4,209.71	1/2	3,922.09	1/2	3,632.23	1/2	3,342.16	1/2	3,052.10	1/2	2,762.04	1/2	2,471.97	1/2	1,891.84	1/2	1,601.78	1/2	1,311.72	1/2	1,021.08	1/2	729.84	1/2	438.58	1/2	161.58	1/2			
3/4		3/4	4,204.20	3/4	3,916.05	3/4	3,626.19	3/4	3,336.12	3/4	3,046.06	3/4	2,755.99	3/4	2,465.93	3/4	1,885.80	3/4	1,595.74	3/4	1,305.67	3/4	1,015.01	3/4	723.78	3/4	432.51	3/4	156.15	3/4			
8		8	3,910.02	8	3,620.14	8	3,330.08	8	3,040.01	8	2,749.95	8	2,459.89	8	2,169.82	8	1,879.76	8	1,589.69	8	1,299.63	8	1,008.95	8	717.71	8	426.44	8	150.72	8			
1/4		1/4	4,193.18	1/4	3,903.98	1/4	3,614.10	1/4	3,324.04	1/4	3,033.97	1/4	2,743.91	1/4	2,453.84	1/4	1,873.72	1/4	1,583.65	1/4	1,293.59	1/4	1,002.88	1/4	711.64	1/4	420.38	1/4	145.28	1/4			
1/2		1/2	4,187.67	1/2	3,897.95	1/2	3,608.06	1/2	3,317.99</																								



**INSPECTORATE**

# BARGE "HSM-3212" HARDIN ST. MARINE

## OUTAGE TABLE

# 2 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T066

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.	
0		0	5,306.97	0	4,938.52	0	4,568.54	0	4,197.93	0	3,827.32	0	3,456.72	0	3,086.11	0	2,715.50	0	2,344.89	0	1,974.28	0	1,603.68	0	1,233.63	0	863.64	0	493.66	0	123.68
1/4	1/4	1/4	5,299.29	1/4	4,930.84	1/4	4,560.82	1/4	4,190.21	1/4	3,819.60	1/4	3,449.00	1/4	3,078.39	1/4	2,707.78	1/4	2,337.17	1/4	1,966.56	1/4	1,595.96	1/4	1,225.92	1/4	855.94	1/4	485.95	1/4	115.97
1/2	1/2	1/2	5,291.61	1/2	4,923.17	1/2	4,553.10	1/2	4,182.49	1/2	3,811.88	1/2	3,441.27	1/2	3,070.67	1/2	2,700.06	1/2	2,329.45	1/2	1,958.84	1/2	1,588.23	1/2	1,218.21	1/2	848.23	1/2	478.24	1/2	108.26
3/4	3/4	3/4	5,283.94	3/4	4,915.49	3/4	4,545.38	3/4	4,174.77	3/4	3,804.16	3/4	3,433.55	3/4	3,062.95	3/4	2,692.34	3/4	2,321.73	3/4	1,951.12	3/4	1,580.51	3/4	1,210.50	3/4	840.52	3/4	470.54	3/4	100.55
1	1	1	5,276.26	1	4,907.81	1	4,537.66	1	4,167.05	1	3,796.44	1	3,425.83	1	3,055.22	1	2,684.62	1	2,314.01	1	1,943.40	1	1,572.79	1	1,202.80	1	832.81	1	462.83	1	92.84
1/4	1/4	1/4	5,268.59	1/4	4,900.14	1/4	4,529.93	1/4	4,159.33	1/4	3,788.72	1/4	3,418.11	1/4	3,047.50	1/4	2,676.90	1/4	2,306.29	1/4	1,935.68	1/4	1,565.07	1/4	1,195.09	1/4	825.10	1/4	455.12	1/4	85.14
1/2	1/2	1/2	5,260.91	1/2	4,892.46	1/2	4,522.21	1/2	4,151.61	1/2	3,781.00	1/2	3,410.39	1/2	3,039.78	1/2	2,669.17	1/2	2,298.57	1/2	1,927.96	1/2	1,557.35	1/2	1,187.38	1/2	817.40	1/2	447.41	1/2	77.43
3/4	3/4	3/4	5,253.23	3/4	4,884.79	3/4	4,514.49	3/4	4,143.89	3/4	3,773.28	3/4	3,402.67	3/4	3,032.06	3/4	2,661.45	3/4	2,290.85	3/4	1,920.24	3/4	1,549.63	3/4	1,179.67	3/4	809.69	3/4	439.70	3/4	69.72
2	2	2	5,245.56	2	4,877.11	2	4,506.77	2	4,136.16	2	3,765.56	2	3,394.95	2	3,024.34	2	2,653.73	2	2,283.12	2	1,912.52	2	1,541.91	2	1,171.96	2	801.98	2	432.00	2	62.01
1/4	1/4	1/4	5,237.88	1/4	4,869.43	1/4	4,499.05	1/4	4,128.44	1/4	3,757.84	1/4	3,387.23	1/4	3,016.62	1/4	2,646.01	1/4	2,275.40	1/4	1,904.80	1/4	1,534.20	1/4	1,164.26	1/4	794.27	1/4	424.29	1/4	55.27
1/2	1/2	1/2	5,230.21	1/2	4,861.76	1/2	4,491.33	1/2	4,120.72	1/2	3,750.11	1/2	3,379.51	1/2	3,008.90	1/2	2,638.29	1/2	2,267.68	1/2	1,897.07	1/2	1,526.49	1/2	1,156.55	1/2	786.56	1/2	416.58	1/2	48.52
3/4	3/4	3/4	5,222.53	3/4	4,854.08	3/4	4,483.61	3/4	4,113.00	3/4	3,742.39	3/4	3,371.79	3/4	3,001.18	3/4	2,630.57	3/4	2,259.96	3/4	1,889.35	3/4	1,518.79	3/4	1,148.84	3/4	778.86	3/4	408.87	3/4	41.78
3	3	3	5,214.85	3	4,846.41	3	4,475.89	3	4,105.28	3	3,734.67	3	3,364.06	3	2,993.46	3	2,622.85	3	2,252.24	3	1,881.63	3	1,511.08	3	1,141.13	3	771.15	3	401.16	3	35.03
1/4	1/4	1/4	5,207.18	1/4	4,838.73	1/4	4,468.17	1/4	4,097.56	1/4	3,726.95	1/4	3,356.34	1/4	2,985.74	1/4	2,615.13	1/4	2,244.52	1/4	1,873.91	1/4	1,503.37	1/4	1,133.42	1/4	763.44	1/4	393.46	1/4	30.21
1/2	1/2	1/2	5,199.50	1/2	4,831.05	1/2	4,460.45	1/2	4,089.84	1/2	3,719.23	1/2	3,348.62	1/2	2,978.01	1/2	2,607.41	1/2	2,236.80	1/2	1,866.19	1/2	1,495.67	1/2	1,125.72	1/2	755.73	1/2	385.75	1/2	25.40
3/4	3/4	3/4	5,191.83	3/4	4,823.33	3/4	4,452.72	3/4	4,082.12	3/4	3,711.51	3/4	3,340.90	3/4	2,970.29	3/4	2,599.69	3/4	2,229.08	3/4	1,858.47	3/4	1,487.96	3/4	1,118.01	3/4	748.02	3/4	378.04	3/4	20.58
4	4	4	5,184.15	4	4,815.61	4	4,445.00	4	4,074.40	4	3,703.79	4	3,333.18	4	2,962.57	4	2,591.96	4	2,221.36	4	1,850.75	4	1,480.25	4	1,110.30	4	740.32	4	370.33	4	* 15.76
1/4	1/4	1/4	5,177.90	1/4	4,807.89	1/4	4,437.28	1/4	4,066.68	1/4	3,696.07	1/4	3,325.46	1/4	2,954.85	1/4	2,584.24	1/4	2,213.64	1/4	1,843.03	1/4	1,472.55	1/4	1,102.59	1/4	732.61	1/4	362.62	1/4	
1/2	1/2	1/2	5,176.25	1/2	4,800.17	1/2	4,429.56	1/2	4,058.95	1/2	3,688.35	1/2	3,317.74	1/2	2,947.13	1/2	2,576.52	1/2	2,205.91	1/2	1,835.31	1/2	1,464.84	1/2	1,094.88	1/2	724.90	1/2	354.92	1/2	
3/4	3/4	3/4	5,174.61	3/4	4,792.45	3/4	4,421.84	3/4	4,051.23	3/4	3,680.63	3/4	3,310.02	3/4	2,939.41	3/4	2,568.80	3/4	2,198.19	3/4	1,827.59	3/4	1,457.13	3/4	1,087.18	3/4	717.19	3/4	347.21	3/4	
5	5	5	5,172.97	5	4,784.73	5	4,414.12	5	4,043.51	5	3,672.90	5	3,302.30	5	2,931.69	5	2,561.08	5	2,190.47	5	1,819.86	5	1,449.42	5	1,079.47	5	709.48	5	339.50	5	
1/4	1/4	1/4	5,171.32	1/4	4,777.01	1/4	4,406.40	1/4	4,035.79	1/4	3,665.18	1/4	3,294.58	1/4	2,923.97	1/4	2,553.36	1/4	2,182.75	1/4	1,812.14	1/4	1,441.72	1/4	1,071.76	1/4	701.78	1/4	331.79	1/4	
1/2	1/2	1/2	5,168.34	1/2	4,769.29	1/2	4,398.68	1/2	4,028.07	1/2	3,657.46	1/2	3,286.85	1/2	2,916.25	1/2	2,545.64	1/2	2,175.03	1/2	1,804.42	1/2	1,434.01	1/2	1,064.05	1/2	694.07	1/2	324.08	1/2	
3/4	3/4	3/4	5,165.35	3/4	4,761.56	3/4	4,390.96	3/4	4,020.35	3/4	3,649.74	3/4	3,279.13	3/4	2,908.53	3/4	2,537.92	3/4	2,167.31	3/4	1,796.70	3/4	1,426.30	3/4	1,056.34	3/4	686.36	3/4	316.38	3/4	
6	6	6	5,162.37	6	4,753.84	6	4,383.24	6	4,012.63	6	3,642.02	6	3,271.41	6	2,900.80	6	2,530.20	6	2,159.59	6	1,788.98	6	1,418.60	6	1,048.64	6	678.65	6	308.67	6	
1/4	1/4	1/4	5,159.39	1/4	4,746.12	1/4	4,375.52	1/4	4,004.91	1/4	3,634.30	1/4	3,263.69	1/4	2,893.08	1/4	2,522.48	1/4	2,151.87	1/4	1,781.26	1/4	1,410.89	1/4	1,040.93	1/4	670.94	1/4	300.96	1/4	
1/2	1/2	1/2	5,155.06	1/2	4,738.40	1/2	4,367.79	1/2	3,997.19	1/2	3,626.58	1/2	3,255.97	1/2	2,885.36	1/2	2,514.75	1/2	2,144.15	1/2	1,773.54	1/2	1,403.18	1/2	1,033.22	1/2	663.24	1/2	293.25	1/2	
3/4	3/4	3/4	5,150.74	3/4	4,730.68	3/4	4,360.07	3/4	3,989.47	3/4	3,618.86	3/4	3,248.25	3/4	2,877.64	3/4	2,507.03	3/4	2,136.43	3/4	1,765.82	3/4	1,395.48	3/4	1,025.51	3/4	655.53	3/4	285.54	3/4	
7	7	7	5,146.41	7	4,722.96	7	4,352.35	7	3,981.74	7	3,611.14	7	3,240.53	7	2,869.92	7	2,499.31	7	2,128.70	7	1,758.10	7	1,387.77	7	1,017.80	7	647.82	7	277.84	7	
1/4	1/4	1/4	5,142.09	1/4	4,715.24	1/4	4,344.63	1/4	3,974.02	1/4	3,603.42	1/4	3,232.81	1/4	2,862.20	1/4	2,491.59	1/4	2,120.98	1/4	1,750.38	1/4	1,380.06	1/4	1,010.10	1/4	640.11	1/4	270.13	1/4	
1/2	1/2	1/2	5,136.42	1/2	4,707.52	1/2	4,336.91	1/2	3,966.30	1/2	3,595.69	1/2	3,225.09	1/2	2,854.48	1/2	2,483.87	1/2	2,113.26	1/2	1,742.65	1/2	1,372.35	1/2	1,002.39	1/2	632.40	1/2	262.42	1/2	
3/4	3/4	3/4	5,130.76	3/4	4,699.01	3/4	4,329.19	3/4	3,958.58	3/4	3,587.97	3/4	3,217.37	3/4	2,846.76	3/4	2,476.15	3/4	2,105.54	3/4	1,734.93	3/4	1,364.65	3/4	994.68	3/4	624.70	3/4	254.71	3/4	
8	8	8	5,125.09	8	4,692.08	8	4,321.47	8	3,950.86	8	3,580.25	8	3,209.64	8	2,839.04	8	2,468.43	8	2,097.82	8	1,727.21	8	1,356.94	8	986.97	8	616.99	8	247.00	8	
1/4	1/4	1/4	5,119.43	1/4	4,684.35	1/4	4,313.75	1/4	3,943.14	1/4	3,572.53	1/4	3,201.92	1/4	2,831.32	1/4	2,460.71	1/4	2,090.10	1/4	1,719.49	1/4	1,349.23	1/4	979.26	1/4	609.28	1/4	239.30	1/4	
1/2	1/2	1/2	5,112.42	1/2	4,676.63	1/2	4,306.03	1/2	3,935.42	1/2	3,564.81	1/2	3,194.20	1/2	2,823.59	1/2	2,452.99	1/2	2,082.38	1/2	1,711.77	1/2	1,341.53	1/2	971.56	1/2	601.57	1/2	231.59	1/2	
3/4	3/4	3/4	5,105.41	3/4	4,668.91	3/4	4,298.31	3/4	3,927.70	3/4	3,557.09	3/4	3,186.48	3/4	2,815.87	3/4	2,445.27	3/4	2,074.66	3/4	1,704.05	3/4	1,333.82	3/4	963.85	3/4	593.86	3/4	223.88	3/4	
9	9	9	5,098.41	9	4,661.19	9	4,290.58	9	3,919.98	9	3,549.37	9	3,178.76	9	2,808.15	9	2,437.54	9	2,066.94	9	1,696.33	9	1,326.11	9	956.14	9	586.16</				



# BARGE "HSM-3212" HARDIN ST. MARINE

## OUTAGE TABLE

## 3 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T066

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.	
0	0	4,741.77	0	4,484.59	0	4,226.25	0	3,967.53	0	3,708.81	0	3,421.94	0	3,052.34	0	2,682.74	0	2,313.14	0	1,943.54	0	1,573.94	0	1,207.03	0	840.45	0	473.88	0	107.30	
1/4	1/4	4,736.41	1/4	4,479.23	1/4	4,220.86	1/4	3,962.14	1/4	3,703.42	1/4	3,414.24	1/4	3,044.64	1/4	2,675.04	1/4	2,305.44	1/4	1,935.84	1/4	1,566.24	1/4	1,199.39	1/4	832.82	1/4	466.24	1/4	99.67	
1/2	1/2	4,731.06	1/2	4,473.87	1/2	4,215.47	1/2	3,956.75	1/2	3,698.03	1/2	3,406.54	1/2	3,036.94	1/2	2,667.34	1/2	2,297.74	1/2	1,928.14	1/2	1,558.54	1/2	1,191.76	1/2	825.18	1/2	458.60	1/2	92.03	
3/4	3/4	4,725.70	3/4	4,468.51	3/4	4,210.08	3/4	3,951.36	3/4	3,692.64	3/4	3,398.84	3/4	3,029.24	3/4	2,659.64	3/4	2,290.04	3/4	1,920.44	3/4	1,550.84	3/4	1,184.12	3/4	817.54	3/4	450.97	3/4	84.39	
1	1	4,720.34	1	4,463.16	1	4,204.69	1	3,945.97	1	3,687.25	1	3,391.14	1	3,021.54	1	2,651.94	1	2,282.34	1	1,912.74	1	1,543.14	1	1,176.48	1	809.91	1	443.33	1	76.75	
1/4	1/4	4,714.98	1/4	4,457.80	1/4	4,199.30	1/4	3,940.58	1/4	3,681.86	1/4	3,383.44	1/4	3,013.84	1/4	2,644.24	1/4	2,274.64	1/4	1,905.04	1/4	1,535.44	1/4	1,168.85	1/4	802.27	1/4	435.69	1/4	69.12	
1/2	1/2	4,709.62	1/2	4,452.44	1/2	4,193.91	1/2	3,935.19	1/2	3,676.47	1/2	3,375.74	1/2	3,006.14	1/2	2,636.54	1/2	2,266.94	1/2	1,897.34	1/2	1,527.74	1/2	1,161.21	1/2	794.63	1/2	428.06	1/2	61.48	
3/4	3/4	4,704.27	3/4	4,447.08	3/4	4,188.52	3/4	3,929.80	3/4	3,671.08	3/4	3,368.04	3/4	2,998.44	3/4	2,628.84	3/4	2,259.24	3/4	1,889.64	3/4	1,520.11	3/4	1,153.57	3/4	787.00	3/4	420.42	3/4	54.79	
2	2	4,698.91	2	4,441.72	2	4,183.13	2	3,924.41	2	3,665.69	2	3,360.34	2	2,990.74	2	2,621.14	2	2,251.54	2	1,881.94	2	1,512.47	2	1,145.93	2	779.36	2	412.78	2	48.11	
1/4	1/4	4,693.55	1/4	4,436.37	1/4	4,177.74	1/4	3,919.02	1/4	3,660.30	1/4	3,352.64	1/4	2,983.04	1/4	2,613.44	1/4	2,243.84	1/4	1,874.24	1/4	1,504.84	1/4	1,138.30	1/4	771.72	1/4	405.15	1/4	41.42	
1/2	1/2	4,688.19	1/2	4,431.01	1/2	4,172.35	1/2	3,913.63	1/2	3,654.91	1/2	3,344.94	1/2	2,975.34	1/2	2,605.74	1/2	2,236.14	1/2	1,866.54	1/2	1,497.20	1/2	1,130.66	1/2	764.08	1/2	397.51	1/2	34.73	
3/4	3/4	4,682.83	3/4	4,425.65	3/4	4,166.96	3/4	3,908.24	3/4	3,649.52	3/4	3,337.24	3/4	2,967.64	3/4	2,598.04	3/4	2,228.44	3/4	1,858.84	3/4	1,489.56	3/4	1,123.02	3/4	756.45	3/4	389.87	3/4	29.96	
3	3	4,677.48	3	4,420.29	3	4,161.57	3	3,902.85	3	3,644.13	3	3,329.54	3	2,959.94	3	2,590.34	3	2,220.74	3	1,851.14	3	1,481.93	3	1,115.39	3	748.81	3	382.23	3	25.18	
1/4	1/4	4,672.12	1/4	4,414.90	1/4	4,156.18	1/4	3,897.46	1/4	3,638.74	1/4	3,321.84	1/4	2,952.24	1/4	2,582.64	1/4	2,213.04	1/4	1,843.44	1/4	1,474.29	1/4	1,107.75	1/4	741.17	1/4	374.60	1/4	20.40	
1/2	1/2	4,666.76	1/2	4,409.51	1/2	4,150.79	1/2	3,892.07	1/2	3,633.35	1/2	3,314.14	1/2	2,944.54	1/2	2,574.94	1/2	2,205.34	1/2	1,835.74	1/2	1,466.66	1/2	1,100.11	1/2	733.54	1/2	366.96	1/2	15.62	
3/4	3/4	4,661.40	3/4	4,404.12	3/4	4,145.40	3/4	3,886.68	3/4	3,627.96	3/4	3,306.44	3/4	2,936.84	3/4	2,567.24	3/4	2,197.64	3/4	1,828.04	3/4	1,459.02	3/4	1,092.48	3/4	725.90	3/4	359.32	3/4	*	
4	4	4,656.04	4	4,398.73	4	4,140.01	4	3,881.29	4	3,622.57	4	3,298.74	4	2,929.14	4	2,559.54	4	2,189.94	4	1,820.34	4	1,451.38	4	1,084.84	4	718.26	4	351.69	4	3.41	
1/4	1/4	4,650.69	1/4	4,393.34	1/4	4,134.62	1/4	3,875.90	1/4	3,617.18	1/4	3,291.04	1/4	2,921.44	1/4	2,551.84	1/4	2,182.24	1/4	1,812.64	1/4	1,443.75	1/4	1,077.20	1/4	710.63	1/4	344.05	1/4	41.42	
1/2	1/2	4,645.33	1/2	4,387.95	1/2	4,129.23	1/2	3,870.51	1/2	3,611.79	1/2	3,283.34	1/2	2,913.74	1/2	2,544.14	1/2	2,174.54	1/2	1,804.94	1/2	1,436.11	1/2	1,069.56	1/2	702.99	1/2	336.41	1/2	3.41	
3/4	3/4	4,639.97	3/4	4,382.56	3/4	4,123.84	3/4	3,865.12	3/4	3,606.40	3/4	3,275.64	3/4	2,906.04	3/4	2,536.44	3/4	2,166.84	3/4	1,797.24	3/4	1,428.48	3/4	1,061.93	3/4	695.35	3/4	328.78	3/4	3.41	
5	5	4,634.61	5	4,377.17	5	4,118.45	5	3,859.73	5	3,601.01	5	3,267.94	5	2,898.34	5	2,528.74	5	2,159.14	5	1,789.54	5	1,420.84	5	1,054.29	5	687.71	5	321.14	5	3.41	
1/4	1/4	4,629.25	1/4	4,371.78	1/4	4,113.06	1/4	3,854.34	1/4	3,595.62	1/4	3,260.24	1/4	2,890.64	1/4	2,521.04	1/4	2,151.44	1/4	1,781.84	1/4	1,413.20	1/4	1,046.65	1/4	680.08	1/4	313.50	1/4	3.41	
1/2	1/2	4,623.90	1/2	4,366.39	1/2	4,107.67	1/2	3,848.95	1/2	3,590.23	1/2	3,252.54	1/2	2,882.94	1/2	2,513.34	1/2	2,143.74	1/2	1,774.14	1/2	1,405.57	1/2	1,039.02	1/2	672.44	1/2	305.86	1/2	3.41	
3/4	3/4	4,618.54	3/4	4,361.00	3/4	4,102.28	3/4	3,843.56	3/4	3,584.84	3/4	3,244.84	3/4	2,875.24	3/4	2,505.64	3/4	2,136.04	3/4	1,766.44	3/4	1,397.93	3/4	1,031.38	3/4	664.80	3/4	298.23	3/4	3.41	
6	6	4,613.18	6	4,355.61	6	4,096.89	6	3,838.17	6	3,579.45	6	3,237.14	6	2,867.54	6	2,497.94	6	2,128.34	6	1,758.74	6	1,390.30	6	1,023.74	6	657.17	6	290.59	6	3.41	
1/4	1/4	4,607.82	1/4	4,350.22	1/4	4,091.50	1/4	3,832.78	1/4	3,573.92	1/4	3,229.44	1/4	2,859.84	1/4	2,490.24	1/4	2,120.64	1/4	1,751.04	1/4	1,382.66	1/4	1,016.11	1/4	649.53	1/4	282.95	1/4	3.41	
1/2	1/2	4,602.46	1/2	4,344.83	1/2	4,086.11	1/2	3,827.39	1/2	3,568.38	1/2	3,221.74	1/2	2,852.14	1/2	2,482.54	1/2	2,112.94	1/2	1,743.34	1/2	1,375.02	1/2	1,008.47	1/2	641.89	1/2	275.32	1/2	3.41	
3/4	3/4	4,597.11	3/4	4,339.44	3/4	4,080.72	3/4	3,822.00	3/4	3,562.84	3/4	3,214.04	3/4	2,844.44	3/4	2,474.84	3/4	2,105.24	3/4	1,735.64	3/4	1,367.39	3/4	1,000.83	3/4	634.26	3/4	267.68	3/4	3.41	
7	7	4,591.75	7	4,334.05	7	4,075.33	7	3,816.61	7	3,556.97	7	3,206.34	7	2,836.74	7	2,467.14	7	2,097.54	7	1,727.94	7	1,359.75	7	1,003.19	7	626.62	7	260.04	7	3.41	
1/4	1/4	4,586.39	1/4	4,328.66	1/4	4,069.94	1/4	3,811.22	1/4	3,551.09	1/4	3,198.64	1/4	2,829.04	1/4	2,459.44	1/4	2,089.84	1/4	1,720.24	1/4	1,352.12	1/4	985.56	1/4	618.98	1/4	252.41	1/4	3.41	
1/2	1/2	4,581.03	1/2	4,323.27	1/2	4,064.55	1/2	3,805.83	1/2	3,545.21	1/2	3,190.94	1/2	2,821.34	1/2	2,451.74	1/2	2,082.14	1/2	1,712.54	1/2	1,344.48	1/2	977.92	1/2	611.34	1/2	244.77	1/2	3.41	
3/4	3/4	4,575.67	3/4	4,317.88	3/4	4,059.16	3/4	3,800.44	3/4	3,539.33	3/4	3,183.24	3/4	2,813.64	3/4	2,444.04	3/4	2,074.44	3/4	1,704.84	3/4	1,336.84	3/4	970.28	3/4	603.71	3/4	237.13	3/4	3.41	
8	8	4,570.32	8	4,312.49	8	4,053.77	8	3,795.05	8	3,533.06	8	3,175.54	8	2,805.94	8	2,436.34	8	2,066.74	8	1,697.14	8	1,329.21	8	962.65	8	596.07	8	229.49	8	3.41	
1/4	1/4	4,564.96	1/4	4,307.10	1/4	4,048.38	1/4	3,789.66	1/4	3,526.79	1/4	3,167.84	1/4	2,798.24	1/4	2,428.64	1/4	2,059.04	1/4	1,689.44	1/4	1,321.57	1/4	955.01	1/4	588.43	1/4	221.86	1/4	3.41	
1/2	1/2	4,559.60	1/2	4,301.71	1/2	4,042.99	1/2	3,784.27	1/2	3,520.52	1/2	3,160.14	1/2	2,790.54	1/2	2,420.94	1/2	2,051.34	1/2	1,681.74	1/2	1,313.94	1/2	947.37	1/2	580.80	1/2	214.22	1/2	3.41	
3/4	3/4	4,554.24	3/4	4,296.32	3/4	4,037.60	3/4	3,778.88	3/4	3,514.26	3/4	3,152.44	3/4	2,782.84	3/4	2,413.24	3/4	2,043.64	3/4	1,674.04	3/4	1,306.30	3/4	939.74	3/4	573.16	3/4	206.58	3/4	3.41	
9	9	4,548.88	9	4,290.93	9	4,032.21	9	3,773.49	9	3,507.60	9	3,144.74	9	2,775.14	9	2,405.54	9	2,035.94	9	1,666.34	9	1,298.66	9	932.10	9	565.52	9	198.95	9	3.41	
1/4	1/4	4,543.53	1/4	4,285.54	1/4	4,026.82	1/4	3,768.10	1/4	3,500.94	1/4	3,137.04	1/4	2,767.44	1/4	2,397.84	1/4	2,028.24	1/4	1,658.64	1/4	1,291.03	1/4	924.46	1/4	557.89	1/4	191.31	1/4	3.41	
1/2	1/2	4,538.17	1/2	4,280.15	1/2																										



INSPECTORATE

BARGE "HSM-3212"
HARDIN ST. MARINE

OUTGAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T066

Table with columns for gauge height (2 FT. to 17 FT.) and corresponding capacity values in barrels. Includes rows for each integer gauge height and intermediate 1/4 and 1/2 increments.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

\* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 17'-3 3/4" (GAUGE POINT LOCATED NEAR CENTER OF TANK)
GAUGE WITH HERMETIC GAUGE TAPE ONLY.

STRAPPED: 11/27/12
REISSUED: 04/10/18 TO REFLECT CHANGE IN BARGE NAME

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
IN ACCORDANCE WITH APPLICABLE API STANDARDS AND
ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

Inspectorate America Corporation signature and logo



### BARGE "HSM-3212" HARDIN ST. MARINE

#### OUTAGE TABLE

# 1 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T066

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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	0	4,230.92	0	3,952.27	0	3,662.44	0	3,372.38	0	3,082.32	0	2,792.25	0	2,502.19	0	2,212.12	0	1,922.06	0	1,632.00	0	1,341.93	0	1,051.41	0	760.18	0	468.92	0	188.75	
1/4	1/4	4,227.52	1/4	3,946.23	1/4	3,656.40	1/4	3,366.34	1/4	3,076.27	1/4	2,786.21	1/4	2,496.14	1/4	2,206.08	1/4	1,916.02	1/4	1,625.95	1/4	1,335.89	1/4	1,045.34	1/4	754.12	1/4	462.85	1/4	183.31	
1/2	1/2	4,223.07	1/2	3,940.20	1/2	3,650.36	1/2	3,360.29	1/2	3,070.23	1/2	2,780.17	1/2	2,490.10	1/2	2,200.04	1/2	1,909.97	1/2	1,619.91	1/2	1,329.85	1/2	1,039.28	1/2	748.05	1/2	456.78	1/2	177.88	
3/4	3/4	4,218.61	3/4	3,934.16	3/4	3,644.31	3/4	3,354.25	3/4	3,064.19	3/4	2,774.12	3/4	2,484.06	3/4	2,193.99	3/4	1,903.93	3/4	1,613.87	3/4	1,323.80	3/4	1,033.21	3/4	741.98	3/4	450.72	3/4	172.45	
1	1	4,214.16	1	3,928.13	1	3,638.27	1	3,348.21	1	3,058.14	1	2,768.08	1	2,478.02	1	2,187.95	1	1,897.89	1	1,607.82	1	1,317.76	1	1,027.14	1	735.91	1	444.65	1	167.02	
1/4	1/4	4,209.71	1/4	3,922.09	1/4	3,632.23	1/4	3,342.16	1/4	3,052.10	1/4	2,762.04	1/4	2,471.97	1/4	2,181.91	1/4	1,891.84	1/4	1,601.78	1/4	1,311.72	1/4	1,021.08	1/4	729.84	1/4	438.58	1/4	161.58	
1/2	1/2	4,204.20	1/2	3,916.05	1/2	3,626.19	1/2	3,336.12	1/2	3,046.06	1/2	2,755.99	1/2	2,465.93	1/2	2,175.87	1/2	1,885.80	1/2	1,595.74	1/2	1,305.67	1/2	1,015.01	1/2	723.78	1/2	432.51	1/2	156.15	
3/4	3/4	4,198.69	3/4	3,910.02	3/4	3,620.14	3/4	3,330.08	3/4	3,040.01	3/4	2,749.95	3/4	2,459.89	3/4	2,169.82	3/4	1,879.76	3/4	1,589.69	3/4	1,299.63	3/4	1,008.95	3/4	717.71	3/4	426.44	3/4	150.72	
2	2	4,193.18	2	3,903.98	2	3,614.10	2	3,324.04	2	3,033.97	2	2,743.91	2	2,453.84	2	2,163.78	2	1,873.72	2	1,583.65	2	1,293.59	2	1,002.88	2	711.64	2	420.38	2	145.28	
1/4	1/4	4,187.67	1/4	3,897.95	1/4	3,608.06	1/4	3,317.99	1/4	3,027.93	1/4	2,737.86	1/4	2,447.80	1/4	2,157.74	1/4	1,867.67	1/4	1,577.61	1/4	1,287.54	1/4	996.81	1/4	705.57	1/4	414.31	1/4	140.05	
1/2	1/2	4,181.64	1/2	3,891.91	1/2	3,602.01	1/2	3,311.95	1/2	3,021.89	1/2	2,731.82	1/2	2,441.76	1/2	2,151.69	1/2	1,861.63	1/2	1,571.57	1/2	1,281.50	1/2	990.75	1/2	699.50	1/2	408.24	1/2	134.82	
3/4	3/4	4,175.60	3/4	3,885.87	3/4	3,595.97	3/4	3,305.91	3/4	3,015.84	3/4	2,725.78	3/4	2,435.71	3/4	2,145.65	3/4	1,855.59	3/4	1,565.52	3/4	1,275.46	3/4	984.68	3/4	693.44	3/4	402.17	3/4	129.58	
3	3	4,169.57	3	3,879.84	3	3,589.93	3	3,299.86	3	3,009.80	3	2,719.74	3	2,429.67	3	2,139.61	3	1,849.54	3	1,559.48	3	1,269.42	3	978.62	3	687.37	3	396.10	3	124.35	
1/4	1/4	4,163.53	1/4	3,873.80	1/4	3,583.88	1/4	3,293.82	1/4	3,003.76	1/4	2,713.69	1/4	2,423.63	1/4	2,133.56	1/4	1,843.50	1/4	1,553.44	1/4	1,263.37	1/4	972.55	1/4	681.30	1/4	390.10	1/4	119.12	
1/2	1/2	4,157.49	1/2	3,867.77	1/2	3,577.84	1/2	3,287.78	1/2	2,997.71	1/2	2,707.65	1/2	2,417.59	1/2	2,127.52	1/2	1,837.46	1/2	1,547.39	1/2	1,257.33	1/2	966.48	1/2	675.23	1/2	384.10	1/2	113.89	
3/4	3/4	4,151.46	3/4	3,861.73	3/4	3,571.80	3/4	3,281.73	3/4	2,991.67	3/4	2,701.61	3/4	2,411.54	3/4	2,121.48	3/4	1,831.41	3/4	1,541.35	3/4	1,251.29	3/4	960.42	3/4	669.16	3/4	378.10	3/4	108.65	
4	4	4,145.42	4	3,855.69	4	3,565.76	4	3,275.69	4	2,985.63	4	2,695.56	4	2,405.50	4	2,115.44	4	1,825.37	4	1,535.31	4	1,245.24	4	954.35	4	663.10	4	372.10	4	103.42	
1/4	1/4	4,139.39	1/4	3,849.66	1/4	3,559.71	1/4	3,269.65	1/4	2,979.58	1/4	2,689.52	1/4	2,399.46	1/4	2,109.39	1/4	1,819.33	1/4	1,529.26	1/4	1,239.20	1/4	948.29	1/4	657.03	1/4	366.10	1/4	98.19	
1/2	1/2	4,133.35	1/2	3,843.62	1/2	3,553.67	1/2	3,263.61	1/2	2,973.54	1/2	2,683.48	1/2	2,393.41	1/2	2,103.35	1/2	1,813.29	1/2	1,523.22	1/2	1,233.16	1/2	942.22	1/2	650.96	1/2	360.10	1/2	92.95	
3/4	3/4	4,127.31	3/4	3,837.59	3/4	3,547.63	3/4	3,257.56	3/4	2,967.50	3/4	2,677.43	3/4	2,387.37	3/4	2,097.31	3/4	1,807.24	3/4	1,517.18	3/4	1,227.11	3/4	936.15	3/4	644.89	3/4	354.10	3/4	87.72	
5	5	4,121.28	5	3,831.55	5	3,541.58	5	3,251.52	5	2,961.46	5	2,671.39	5	2,381.33	5	2,091.26	5	1,801.20	5	1,511.14	5	1,221.07	5	930.09	5	638.82	5	348.10	5	82.49	
1/4	1/4	4,115.24	1/4	3,825.51	1/4	3,535.54	1/4	3,245.48	1/4	2,955.41	1/4	2,665.35	1/4	2,375.28	1/4	2,085.22	1/4	1,795.16	1/4	1,505.09	1/4	1,215.03	1/4	924.02	1/4	632.76	1/4	342.26	1/4	77.46	
1/2	1/2	4,109.21	1/2	3,819.48	1/2	3,529.50	1/2	3,239.43	1/2	2,949.37	1/2	2,659.31	1/2	2,369.24	1/2	2,079.18	1/2	1,789.11	1/2	1,499.05	1/2	1,208.99	1/2	917.95	1/2	626.69	1/2	336.43	1/2	72.42	
3/4	3/4	4,103.17	3/4	3,813.44	3/4	3,523.45	3/4	3,233.39	3/4	2,943.33	3/4	2,653.26	3/4	2,363.20	3/4	2,073.13	3/4	1,783.07	3/4	1,493.01	3/4	1,202.94	3/4	911.88	3/4	620.62	3/4	330.59	3/4	67.39	
6	6	4,097.13	6	3,807.41	6	3,517.41	6	3,227.35	6	2,937.28	6	2,647.22	6	2,357.16	6	2,067.09	6	1,777.03	6	1,486.96	6	1,196.90	6	905.82	6	614.55	6	324.76	6	62.36	
1/4	1/4	4,091.10	1/4	3,801.37	1/4	3,511.37	1/4	3,221.30	1/4	2,931.24	1/4	2,641.18	1/4	2,351.11	1/4	2,061.05	1/4	1,770.98	1/4	1,480.92	1/4	1,190.86	1/4	899.75	1/4	608.48	1/4	318.93	1/4	57.33	
1/2	1/2	4,085.06	1/2	3,795.33	1/2	3,505.33	1/2	3,215.26	1/2	2,925.20	1/2	2,635.13	1/2	2,345.07	1/2	2,055.01	1/2	1,764.94	1/2	1,474.88	1/2	1,184.81	1/2	893.68	1/2	602.42	1/2	313.09	1/2	52.30	
3/4	3/4	4,079.03	3/4	3,789.30	3/4	3,499.28	3/4	3,209.22	3/4	2,919.15	3/4	2,629.09	3/4	2,339.03	3/4	2,048.96	3/4	1,758.90	3/4	1,468.83	3/4	1,178.77	3/4	887.61	3/4	596.35	3/4	307.26	3/4	47.26	
7	7	4,072.99	7	3,783.26	7	3,493.24	7	3,203.18	7	2,913.11	7	2,623.05	7	2,332.98	7	2,042.92	7	1,752.86	7	1,462.79	7	1,172.73	7	881.54	7	590.28	7	301.42	7	42.23	
1/4	1/4	4,066.95	1/4	3,777.23	1/4	3,487.20	1/4	3,197.13	1/4	2,907.07	1/4	2,617.00	1/4	2,326.94	1/4	2,036.88	1/4	1,746.81	1/4	1,456.75	1/4	1,166.66	1/4	875.48	1/4	584.21	1/4	295.59	1/4	37.77	
1/2	1/2	4,060.92	1/2	3,771.19	1/2	3,481.15	1/2	3,191.09	1/2	2,901.03	1/2	2,610.96	1/2	2,320.90	1/2	2,030.83	1/2	1,740.77	1/2	1,450.71	1/2	1,160.60	1/2	869.41	1/2	578.14	1/2	289.76	1/2	33.30	
3/4	3/4	4,054.88	3/4	3,765.15	3/4	3,475.11	3/4	3,185.05	3/4	2,894.98	3/4	2,604.92	3/4	2,314.85	3/4	2,024.79	3/4	1,734.73	3/4	1,444.66	3/4	1,154.53	3/4	863.34	3/4	572.08	3/4	283.92	3/4	28.83	
8	8	4,048.85	8	3,759.12	8	3,469.07	8	3,179.00	8	2,888.94	8	2,598.88	8	2,308.81	8	2,018.75	8	1,728.68	8	1,438.62	8	1,148.46	8	857.27	8	566.01	8	278.09	8	24.37	
1/4	1/4	4,042.81	1/4	3,753.08	1/4	3,463.02	1/4	3,172.96	1/4	2,882.90	1/4	2,592.83	1/4	2,302.77	1/4	2,012.70	1/4	1,722.64	1/4	1,432.58	1/4	1,142.40	1/4	851.20	1/4	559.94	1/4	272.45	1/4	21.23	
1/2	1/2	4,256.72	1/2	4,036.77	1/2	3,747.05	1/2	3,456.98	1/2	3,166.92	1/2	2,876.85	1/2	2,586.79	1/2	2,296.73	1/2	2,006.66	1/2	1,716.60	1/2	1,426.53	1/2	1,136.33	1/2	845.14	1/2	553.87	1/2	266.82	
3/4	3/4	4,256.35	3/4	4,030.74	3/4	3,741.00	3/4	3,450.94	3/4	3,160.87	3/4	2,870.81	3/4	2,580.75	3/4	2,290.68	3/4	2,000.62	3/4	1,710.55	3/4	1,420.49	3/4	1,130.27	3/4	839.07	3/4	547.80	3/4	261.19	
9	9	4,255.99	9	4,024.70	9	3,734.96	9	3,444.90	9	3,154.83	9	2,864.77	9	2,574.70	9	2,284.64	9	1,994.58	9	1,704.51	9	1,414.45	9	1,124.20	9	833.00	9	541.74	9	255.55	
1/4	1/4	4,255.63	1/4	4,018.67	1/4	3,728.92	1/4	3,438.85	1/4	3,148.79	1/4	2,858.72	1/																		



INSPECTORATE

# BARGE "HSM-3212" HARDIN ST. MARINE

## OUTAGE TABLE

# 1 STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T066

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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	0	4,227.52	0	3,946.23	0	3,656.40	0	3,366.34	0	3,076.27	0	2,786.21	0	2,496.14	0	2,206.08	0	1,916.02	0	1,625.95	0	1,335.89	0	1,045.34	0	754.12	0	462.85	0	183.31	
1/4	1/4	4,223.07	1/4	3,940.20	1/4	3,650.36	1/4	3,360.29	1/4	3,070.23	1/4	2,780.17	1/4	2,490.10	1/4	2,200.04	1/4	1,909.97	1/4	1,619.91	1/4	1,329.85	1/4	1,039.28	1/4	748.05	1/4	456.78	1/4	177.88	
1/2	1/2	4,218.61	1/2	3,934.16	1/2	3,644.31	1/2	3,354.25	1/2	3,064.19	1/2	2,774.12	1/2	2,484.06	1/2	2,193.99	1/2	1,903.93	1/2	1,613.87	1/2	1,323.80	1/2	1,033.21	1/2	741.98	1/2	450.72	1/2	172.45	
3/4	3/4	4,214.16	3/4	3,928.13	3/4	3,638.27	3/4	3,348.21	3/4	3,058.14	3/4	2,768.08	3/4	2,478.02	3/4	2,187.95	3/4	1,897.89	3/4	1,607.82	3/4	1,317.76	3/4	1,027.14	3/4	735.91	3/4	444.65	3/4	167.02	
1	1	4,209.71	1	3,922.09	1	3,632.23	1	3,342.16	1	3,052.10	1	2,762.04	1	2,471.97	1	2,181.91	1	1,891.84	1	1,601.78	1	1,311.72	1	1,021.08	1	729.84	1	438.58	1	161.58	
1/4	1/4	4,204.20	1/4	3,916.05	1/4	3,626.19	1/4	3,336.12	1/4	3,046.06	1/4	2,755.99	1/4	2,465.93	1/4	2,175.87	1/4	1,885.80	1/4	1,595.74	1/4	1,305.67	1/4	1,015.01	1/4	723.78	1/4	432.51	1/4	156.15	
1/2	1/2	4,198.69	1/2	3,910.02	1/2	3,620.14	1/2	3,330.08	1/2	3,040.01	1/2	2,749.95	1/2	2,459.89	1/2	2,169.82	1/2	1,879.76	1/2	1,589.69	1/2	1,299.63	1/2	1,008.95	1/2	717.71	1/2	426.44	1/2	150.72	
3/4	3/4	4,193.18	3/4	3,903.98	3/4	3,614.10	3/4	3,324.04	3/4	3,033.97	3/4	2,743.91	3/4	2,453.84	3/4	2,163.78	3/4	1,873.72	3/4	1,583.65	3/4	1,293.59	3/4	1,002.88	3/4	711.64	3/4	420.38	3/4	145.28	
2	2	4,187.67	2	3,897.95	2	3,608.06	2	3,317.99	2	3,027.93	2	2,737.86	2	2,447.80	2	2,157.74	2	1,867.67	2	1,577.61	2	1,287.54	2	996.81	2	705.57	2	414.31	2	140.05	
1/4	1/4	4,181.64	1/4	3,891.91	1/4	3,602.01	1/4	3,311.95	1/4	3,021.89	1/4	2,731.82	1/4	2,441.76	1/4	2,151.69	1/4	1,861.63	1/4	1,571.57	1/4	1,281.50	1/4	990.75	1/4	699.50	1/4	408.24	1/4	134.82	
1/2	1/2	4,175.60	1/2	3,885.87	1/2	3,595.97	1/2	3,305.91	1/2	3,015.84	1/2	2,725.78	1/2	2,435.71	1/2	2,145.65	1/2	1,855.59	1/2	1,565.52	1/2	1,275.46	1/2	984.68	1/2	693.44	1/2	402.17	1/2	129.58	
3/4	3/4	4,169.57	3/4	3,879.84	3/4	3,589.93	3/4	3,299.86	3/4	3,009.80	3/4	2,719.74	3/4	2,429.67	3/4	2,139.61	3/4	1,849.54	3/4	1,559.48	3/4	1,269.42	3/4	978.62	3/4	687.37	3/4	396.10	3/4	124.35	
3	3	4,163.53	3	3,873.80	3	3,583.88	3	3,293.82	3	3,003.76	3	2,713.69	3	2,423.63	3	2,133.56	3	1,843.50	3	1,553.44	3	1,263.37	3	972.55	3	681.30	3	390.10	3	119.12	
1/4	1/4	4,157.49	1/4	3,867.77	1/4	3,577.84	1/4	3,287.78	1/4	2,997.71	1/4	2,707.65	1/4	2,417.59	1/4	2,127.52	1/4	1,837.46	1/4	1,547.39	1/4	1,257.33	1/4	966.48	1/4	675.23	1/4	384.10	1/4	113.89	
1/2	1/2	4,151.46	1/2	3,861.73	1/2	3,571.80	1/2	3,281.73	1/2	2,991.67	1/2	2,701.61	1/2	2,411.54	1/2	2,121.48	1/2	1,831.41	1/2	1,541.35	1/2	1,251.29	1/2	960.42	1/2	669.16	1/2	378.10	1/2	108.65	
3/4	3/4	4,145.42	3/4	3,855.69	3/4	3,565.76	3/4	3,275.69	3/4	2,985.63	3/4	2,695.56	3/4	2,405.50	3/4	2,115.44	3/4	1,825.37	3/4	1,535.31	3/4	1,245.24	3/4	954.35	3/4	663.10	3/4	372.10	3/4	103.42	
4	4	4,139.39	4	3,849.66	4	3,559.71	4	3,269.65	4	2,979.58	4	2,689.52	4	2,399.46	4	2,109.39	4	1,819.33	4	1,529.26	4	1,239.20	4	948.29	4	657.03	4	366.10	4	98.19	
1/4	1/4	4,133.35	1/4	3,843.62	1/4	3,553.67	1/4	3,263.61	1/4	2,973.54	1/4	2,683.48	1/4	2,393.41	1/4	2,103.35	1/4	1,813.29	1/4	1,523.22	1/4	1,233.16	1/4	942.22	1/4	650.96	1/4	360.10	1/4	92.95	
1/2	1/2	4,127.31	1/2	3,837.59	1/2	3,547.63	1/2	3,257.56	1/2	2,967.50	1/2	2,677.43	1/2	2,387.37	1/2	2,097.31	1/2	1,807.24	1/2	1,517.18	1/2	1,227.11	1/2	936.15	1/2	644.89	1/2	354.10	1/2	87.72	
3/4	3/4	4,121.28	3/4	3,831.55	3/4	3,541.58	3/4	3,251.52	3/4	2,961.46	3/4	2,671.39	3/4	2,381.33	3/4	2,091.26	3/4	1,801.20	3/4	1,511.14	3/4	1,221.07	3/4	930.09	3/4	638.82	3/4	348.10	3/4	82.49	
5	5	4,115.24	5	3,825.51	5	3,535.54	5	3,245.48	5	2,955.41	5	2,665.35	5	2,375.28	5	2,085.22	5	1,795.16	5	1,505.09	5	1,215.03	5	924.02	5	632.76	5	342.26	5	77.46	
1/4	1/4	4,109.21	1/4	3,819.48	1/4	3,529.50	1/4	3,239.43	1/4	2,949.37	1/4	2,659.31	1/4	2,369.24	1/4	2,079.18	1/4	1,789.11	1/4	1,499.05	1/4	1,208.99	1/4	917.95	1/4	626.69	1/4	336.43	1/4	72.42	
1/2	1/2	4,103.17	1/2	3,813.44	1/2	3,523.45	1/2	3,233.39	1/2	2,943.33	1/2	2,653.26	1/2	2,363.20	1/2	2,073.13	1/2	1,783.07	1/2	1,493.01	1/2	1,202.94	1/2	911.88	1/2	620.62	1/2	330.59	1/2	67.39	
3/4	3/4	4,097.13	3/4	3,807.41	3/4	3,517.41	3/4	3,227.35	3/4	2,937.28	3/4	2,647.22	3/4	2,357.16	3/4	2,067.09	3/4	1,777.03	3/4	1,486.96	3/4	1,196.90	3/4	905.82	3/4	614.55	3/4	324.76	3/4	62.36	
6	6	4,091.10	6	3,801.37	6	3,511.37	6	3,221.30	6	2,931.24	6	2,641.18	6	2,351.11	6	2,061.05	6	1,770.98	6	1,480.92	6	1,190.86	6	899.75	6	608.48	6	318.93	6	57.33	
1/4	1/4	4,085.06	1/4	3,795.33	1/4	3,505.33	1/4	3,215.26	1/4	2,925.20	1/4	2,635.13	1/4	2,345.07	1/4	2,055.01	1/4	1,764.94	1/4	1,474.88	1/4	1,184.81	1/4	893.68	1/4	602.42	1/4	313.09	1/4	52.30	
1/2	1/2	4,079.03	1/2	3,789.30	1/2	3,499.28	1/2	3,209.22	1/2	2,919.15	1/2	2,629.09	1/2	2,339.03	1/2	2,048.96	1/2	1,758.90	1/2	1,468.83	1/2	1,178.77	1/2	887.61	1/2	596.35	1/2	307.26	1/2	47.26	
3/4	3/4	4,072.99	3/4	3,783.26	3/4	3,493.24	3/4	3,203.18	3/4	2,913.11	3/4	2,623.05	3/4	2,332.98	3/4	2,042.92	3/4	1,752.86	3/4	1,462.79	3/4	1,172.73	3/4	881.54	3/4	590.28	3/4	301.42	3/4	42.23	
7	7	4,066.95	7	3,777.23	7	3,487.20	7	3,197.13	7	2,907.07	7	2,617.00	7	2,326.94	7	2,036.88	7	1,746.81	7	1,456.75	7	1,166.66	7	875.48	7	584.21	7	295.59	7	37.77	
1/4	1/4	4,060.92	1/4	3,771.19	1/4	3,481.15	1/4	3,191.09	1/4	2,901.03	1/4	2,610.96	1/4	2,320.90	1/4	2,030.83	1/4	1,740.77	1/4	1,450.71	1/4	1,160.60	1/4	869.41	1/4	578.14	1/4	289.76	1/4	33.30	
1/2	1/2	4,054.88	1/2	3,765.15	1/2	3,475.11	1/2	3,185.05	1/2	2,894.98	1/2	2,604.92	1/2	2,314.85	1/2	2,024.79	1/2	1,734.73	1/2	1,444.66	1/2	1,154.53	1/2	863.34	1/2	572.08	1/2	283.92	1/2	28.83	
3/4	3/4	4,048.85	3/4	3,759.12	3/4	3,469.07	3/4	3,179.00	3/4	2,888.94	3/4	2,598.88	3/4	2,308.81	3/4	2,018.75	3/4	1,728.68	3/4	1,438.62	3/4	1,148.46	3/4	857.27	3/4	566.01	3/4	278.09	3/4	24.37	
8	8	4,042.81	8	3,753.08	8	3,463.02	8	3,172.96	8	2,882.90	8	2,592.83	8	2,302.77	8	2,012.70	8	1,722.64	8	1,432.58	8	1,142.40	8	851.20	8	559.94	8	272.45	8	21.23	
1/4	4,256.72	1/4	4,036.77	1/4	3,747.05	1/4	3,456.98	1/4	3,166.92	1/4	2,876.85	1/4	2,586.79	1/4	2,296.73	1/4	2,006.66	1/4	1,716.60	1/4	1,426.53	1/4	1,136.33	1/4	845.14	1/4	553.87	1/4	266.82	1/4	18.10
1/2	4,256.35	1/2	4,030.74	1/2	3,741.00	1/2	3,450.94	1/2	3,160.87	1/2	2,870.81	1/2	2,580.75	1/2	2,290.68	1/2	2,000.62	1/2	1,710.55	1/2	1,420.49	1/2	1,130.27	1/2	839.07	1/2	547.80	1/2	261.19	1/2	14.97
3/4	4,255.99	3/4	4,024.70	3/4	3,734.96	3/4	3,444.90	3/4	3,154.83	3/4	2,864.77	3/4	2,574.70	3/4	2,284.64	3/4	1,994.58	3/4	1,704.51	3/4	1,414.45	3/4	1,124.20	3/4	833.00	3/4	541.74	3/4	255.55	3/4	11.83
9	4,255.63	9	4,018.67	9	3,728.92	9	3,438.85	9	3,148.79	9	2,858.72	9	2,568.66	9	2,278.60	9	1,988.53	9	1,698.47	9	1,408.40	9	1,118.13	9	826.93	9	535.67	9	249.92	9	
1/4	4,254.34	1/4	4,012.63	1/4	3,722.87	1/4	3,432.81	1/4	3,142.75	1/4	2,852.68	1/4	2,562.62	1/4	2,272.55	1/4	1,982.49	1/4	1,692.43	1/4	1,402.36	1/4	1,112.07	1/4							



INSPECTORATE

BARGE "HSM-3212"
HARDIN ST. MARINE

OUTAGE TABLE

2 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T066

Table with columns for gauge height (0 FT. to 15 FT.) and rows for barge levels (0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11). Each cell contains capacity values in barrels.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 11/27/12

REISSUED: 04/10/18 TO REFLECT CHANGE IN BARGE NAME

\* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 15'-9 1/2" (TO RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

Handwritten signature

INSPECTORATE AMERICA CORPORATION





INSPECTORATE

BARGE "HSM-3212"
HARDIN ST. MARINE

OUTAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T066

Table with columns for IN, 0 FT., 1 FT., 2 FT., 3 FT., 4 FT., 5 FT., 6 FT., 7 FT., 8 FT., 9 FT., 10 FT., 11 FT., 12 FT., 13 FT., 14 FT., 15 FT. and rows for measurement points 0 through 11.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 11/27/12

REISSUED: 04/10/18 TO REFLECT CHANGE IN BARGE NAME

\* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 15'-9" (TO RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION



**INSPECTORATE**

# BARGE "HSM-3212" HARDIN ST. MARINE

OUTAGE TABLE

**3 STAR**

**BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN**

HULL NO. T066

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	4,852.81	0	4,607.82	0	4,350.22	0	4,091.50	0	3,832.78	0	3,573.92	0	3,229.44	0	2,859.84	0	2,490.24	0	2,120.64	0	1,751.04	0	1,382.66	0	1,016.11	0	649.53	0	282.95
1/4		1/4	4,849.79	1/4	4,602.46	1/4	4,344.83	1/4	4,086.11	1/4	3,827.39	1/4	3,568.38	1/4	3,221.74	1/4	2,852.14	1/4	2,482.54	1/4	2,112.94	1/4	1,743.34	1/4	1,375.02	1/4	1,008.47	1/4	641.89	1/4	275.32
1/2		1/2	4,846.78	1/2	4,597.11	1/2	4,339.44	1/2	4,080.72	1/2	3,822.00	1/2	3,562.84	1/2	3,214.04	1/2	2,844.44	1/2	2,474.84	1/2	2,105.24	1/2	1,735.64	1/2	1,367.39	1/2	1,000.83	1/2	634.26	1/2	267.68
3/4		3/4	4,842.83	3/4	4,591.75	3/4	4,334.05	3/4	4,075.33	3/4	3,816.61	3/4	3,556.97	3/4	3,206.34	3/4	2,836.74	3/4	2,467.14	3/4	2,097.54	3/4	1,727.94	3/4	1,359.75	3/4	993.19	3/4	626.62	3/4	260.04
1		1	4,838.88	1	4,586.39	1	4,328.66	1	4,069.94	1	3,811.22	1	3,551.09	1	3,198.64	1	2,859.04	1	2,499.44	1	2,089.84	1	1,720.24	1	1,352.12	1	985.56	1	618.98	1	252.41
1/4		1/4	4,834.93	1/4	4,581.03	1/4	4,323.27	1/4	4,064.55	1/4	3,805.83	1/4	3,545.21	1/4	3,190.94	1/4	2,821.34	1/4	2,451.74	1/4	2,082.14	1/4	1,712.54	1/4	1,344.48	1/4	977.92	1/4	611.34	1/4	244.77
1/2		1/2	4,830.98	1/2	4,575.67	1/2	4,317.88	1/2	4,059.16	1/2	3,800.44	1/2	3,539.33	1/2	3,183.24	1/2	2,813.64	1/2	2,444.04	1/2	2,074.44	1/2	1,704.84	1/2	1,336.84	1/2	970.28	1/2	603.71	1/2	237.13
3/4		3/4	4,826.09	3/4	4,570.32	3/4	4,312.49	3/4	4,053.77	3/4	3,795.05	3/4	3,533.06	3/4	3,175.54	3/4	2,805.94	3/4	2,436.34	3/4	2,066.74	3/4	1,697.14	3/4	1,329.21	3/4	962.65	3/4	596.07	3/4	229.49
2		2	4,821.20	2	4,564.96	2	4,307.10	2	4,048.38	2	3,789.66	2	3,526.79	2	3,167.84	2	2,798.24	2	2,428.64	2	2,059.04	2	1,689.44	2	1,321.57	2	955.01	2	588.43	2	221.86
1/4		1/4	4,816.32	1/4	4,559.60	1/4	4,301.71	1/4	4,042.99	1/4	3,784.27	1/4	3,520.52	1/4	3,160.14	1/4	2,790.54	1/4	2,420.94	1/4	2,051.34	1/4	1,681.74	1/4	1,313.94	1/4	947.37	1/4	580.80	1/4	214.22
1/2		1/2	4,811.43	1/2	4,554.24	1/2	4,296.32	1/2	4,037.60	1/2	3,778.88	1/2	3,514.26	1/2	3,152.44	1/2	2,782.84	1/2	2,413.24	1/2	2,043.64	1/2	1,674.04	1/2	1,306.30	1/2	939.74	1/2	573.16	1/2	206.58
3/4		3/4	4,806.07	3/4	4,548.88	3/4	4,290.93	3/4	4,032.21	3/4	3,773.49	3/4	3,507.60	3/4	3,144.74	3/4	2,775.14	3/4	2,405.54	3/4	2,035.94	3/4	1,666.34	3/4	1,298.66	3/4	932.10	3/4	565.52	3/4	198.95
3		3	4,800.71	3	4,543.53	3	4,285.54	3	4,026.82	3	3,768.10	3	3,500.94	3	3,137.04	3	2,767.44	3	2,397.84	3	2,028.24	3	1,658.64	3	1,291.03	3	924.46	3	557.89	3	191.31
1/4		1/4	4,795.35	1/4	4,538.17	1/4	4,280.15	1/4	4,021.43	1/4	3,762.71	1/4	3,494.28	1/4	3,129.34	1/4	2,759.74	1/4	2,390.14	1/4	2,020.54	1/4	1,650.94	1/4	1,283.39	1/4	916.82	1/4	550.25	1/4	183.67
1/2		1/2	4,789.99	1/2	4,532.81	1/2	4,274.76	1/2	4,016.04	1/2	3,757.32	1/2	3,487.62	1/2	3,121.64	1/2	2,752.04	1/2	2,382.44	1/2	2,012.84	1/2	1,643.24	1/2	1,275.76	1/2	909.19	1/2	542.61	1/2	176.04
3/4		3/4	4,784.64	3/4	4,527.45	3/4	4,269.37	3/4	4,010.65	3/4	3,751.93	3/4	3,480.56	3/4	3,113.94	3/4	2,744.34	3/4	2,374.74	3/4	2,005.14	3/4	1,635.54	3/4	1,268.12	3/4	901.55	3/4	534.97	3/4	168.40
4		4	4,779.28	4	4,522.09	4	4,263.98	4	4,005.26	4	3,746.54	4	3,473.51	4	3,106.24	4	2,736.64	4	2,367.04	4	1,997.44	4	1,627.84	4	1,260.48	4	893.91	4	527.34	4	160.76
1/4		1/4	4,773.92	1/4	4,516.74	1/4	4,258.59	1/4	3,999.87	1/4	3,741.15	1/4	3,466.46	1/4	3,098.54	1/4	2,728.94	1/4	2,359.34	1/4	1,989.74	1/4	1,620.14	1/4	1,252.85	1/4	886.28	1/4	519.70	1/4	153.12
1/2		1/2	4,768.56	1/2	4,511.38	1/2	4,253.20	1/2	3,994.48	1/2	3,735.76	1/2	3,459.41	1/2	3,090.84	1/2	2,721.24	1/2	2,351.64	1/2	1,982.04	1/2	1,612.44	1/2	1,245.21	1/2	878.64	1/2	512.06	1/2	145.49
3/4		3/4	4,763.20	3/4	4,506.02	3/4	4,247.81	3/4	3,989.09	3/4	3,730.37	3/4	3,451.97	3/4	3,083.14	3/4	2,713.54	3/4	2,343.94	3/4	1,974.34	3/4	1,604.74	3/4	1,237.58	3/4	871.00	3/4	504.43	3/4	137.85
5		5	4,757.85	5	4,500.66	5	4,242.42	5	3,983.70	5	3,724.98	5	3,444.53	5	3,075.44	5	2,705.84	5	2,336.24	5	1,966.64	5	1,597.04	5	1,229.94	5	863.37	5	496.79	5	130.21
1/4		1/4	4,752.49	1/4	4,495.30	1/4	4,237.03	1/4	3,978.31	1/4	3,719.59	1/4	3,437.09	1/4	3,067.74	1/4	2,698.14	1/4	2,328.54	1/4	1,958.94	1/4	1,589.34	1/4	1,222.30	1/4	855.73	1/4	489.15	1/4	122.58
1/2		1/2	4,747.13	1/2	4,489.95	1/2	4,231.64	1/2	3,972.92	1/2	3,714.20	1/2	3,429.64	1/2	3,060.04	1/2	2,690.44	1/2	2,320.84	1/2	1,951.24	1/2	1,581.64	1/2	1,214.67	1/2	848.09	1/2	481.52	1/2	114.94
3/4		3/4	4,741.77	3/4	4,484.59	3/4	4,226.25	3/4	3,967.53	3/4	3,708.81	3/4	3,421.94	3/4	3,052.34	3/4	2,682.74	3/4	2,313.14	3/4	1,943.54	3/4	1,573.94	3/4	1,207.03	3/4	840.45	3/4	473.88	3/4	107.30
6		6	4,736.41	6	4,479.23	6	4,220.86	6	3,962.14	6	3,703.42	6	3,414.24	6	3,044.64	6	2,675.04	6	2,305.44	6	1,935.84	6	1,566.24	6	1,199.39	6	832.82	6	466.24	6	99.67
1/4		1/4	4,731.06	1/4	4,473.87	1/4	4,215.47	1/4	3,956.75	1/4	3,698.03	1/4	3,406.94	1/4	3,036.94	1/4	2,667.34	1/4	2,297.74	1/4	1,928.14	1/4	1,558.54	1/4	1,191.76	1/4	825.18	1/4	458.60	1/4	92.03
1/2		1/2	4,725.70	1/2	4,468.51	1/2	4,210.08	1/2	3,951.36	1/2	3,692.64	1/2	3,398.84	1/2	3,029.24	1/2	2,659.64	1/2	2,290.04	1/2	1,920.44	1/2	1,550.84	1/2	1,184.12	1/2	817.54	1/2	450.97	1/2	84.39
3/4		3/4	4,720.34	3/4	4,463.16	3/4	4,204.69	3/4	3,945.97	3/4	3,687.25	3/4	3,391.14	3/4	3,021.54	3/4	2,651.94	3/4	2,282.34	3/4	1,912.74	3/4	1,543.14	3/4	1,176.48	3/4	809.91	3/4	443.33	3/4	76.75
7		7	4,714.98	7	4,457.80	7	4,199.30	7	3,940.58	7	3,681.86	7	3,383.44	7	3,013.84	7	2,644.24	7	2,274.64	7	1,905.04	7	1,535.44	7	1,168.85	7	802.27	7	435.69	7	69.12
1/4		1/4	4,709.62	1/4	4,452.44	1/4	4,193.91	1/4	3,935.19	1/4	3,676.47	1/4	3,375.74	1/4	3,006.14	1/4	2,636.54	1/4	2,266.94	1/4	1,897.34	1/4	1,527.74	1/4	1,161.21	1/4	794.63	1/4	428.06	1/4	61.48
1/2		1/2	4,704.27	1/2	4,447.08	1/2	4,188.52	1/2	3,929.80	1/2	3,671.08	1/2	3,368.04	1/2	2,998.44	1/2	2,628.84	1/2	2,259.24	1/2	1,889.64	1/2	1,520.11	1/2	1,153.57	1/2	787.00	1/2	420.42	1/2	54.79
3/4		3/4	4,698.91	3/4	4,441.72	3/4	4,183.13	3/4	3,924.41	3/4	3,665.69	3/4	3,360.34	3/4	2,990.74	3/4	2,621.14	3/4	2,251.54	3/4	1,881.94	3/4	1,512.47	3/4	1,145.93	3/4	779.36	3/4	412.78	3/4	48.11
8		8	4,693.55	8	4,436.37	8	4,177.74	8	3,919.02	8	3,660.30	8	3,352.64	8	2,983.04	8	2,613.44	8	2,243.84	8	1,874.24	8	1,504.84	8	1,138.30	8	771.72	8	405.15	8	41.42
1/4		1/4	4,688.19	1/4	4,431.01	1/4	4,172.35	1/4	3,913.63	1/4	3,654.91	1/4	3,344.94	1/4	2,975.34	1/4	2,605.74	1/4	2,236.14	1/4	1,866.54	1/4	1,497.20	1/4	1,130.66	1/4	764.08	1/4	397.51	1/4	34.73
1/2		1/2	4,682.83	1/2	4,425.65	1/2	4,166.96	1/2	3,908.24	1/2	3,649.52	1/2	3,337.24	1/2	2,967.64	1/2	2,598.04	1/2	2,228.44	1/2	1,858.84	1/2	1,489.56	1/2	1,123.02	1/2	756.45	1/2	389.87	1/2	29.96
3/4	4,872.62	3/4	4,677.48	3/4	4,420.29	3/4	4,161.57	3/4	3,902.85	3/4	3,644.13	3/4	3,329.54	3/4	2,959.94	3/4	2,590.34	3/4	2,220.74	3/4	1,851.14	3/4	1,481.93	3/4	1,115.39	3/4	748.81	3/4	382.23	3/4	25.1