BARGE: GM 1000

HULL No. 13-2780

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16' 1 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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	19.53	**0**	368.53	**0**	732.24	**0**	1,100.82	**0**	1,469.70	**0**	1,838.41	**0**	2,207.34	**0**	2,576.27	**0**	2,945.20	**0**	3,314.13	**0**	3,683.06	**0**	4,051.99	**0**	4,420.92	**0**	4,781.96	**0**	5,126.54
1/4	23.98	1/4	376.20	1/4	739.92	1/4	1,108.50	1/4	1,477.38	1/4	1,846.09	1/4	2,215.02	1/4	2,583.95	1/4	2,952.89	1/4	3,321.82	1/4	3,690.75	1/4	4,059.68	1/4	4,428.61	1/4	4,789.31	1/4	5,133.54
1/2	28.90	1/2	383.86	1/2	747.60	1/2	1,116.18	1/2	1,485.07	1/2	1,853.78	1/2	2,222.71	1/2	2,591.64	1/2	2,960.57	1/2	3,329.50	1/2	3,698.43	1/2	4,067.36	1/2	4,436.29	1/2	4,796.65	1/2	5,140.54
3/4	34.29	3/4	391.52	3/4	755.28	3/4	1,123.86	3/4	1,492.75	3/4	1,861.46	3/4	2,230.40	3/4	2,599.33	3/4	2,968.26	3/4	3,337.19	3/4	3,706.12	3/4	4,075.05	3/4	4,443.97	3/4	4,803.98	3/4	5,147.53
1	40.15	**1**	399.14	**1**	762.96	**1**	1,131.55	**1**	1,500.44	**1**	1,869.15	**1**	2,238.08	**1**	2,607.01	**1**	2,975.94	**1**	3,344.87	**1**	3,713.81	**1**	4,082.74	**1**	4,451.64	**1**	4,811.31	**1**	5,154.51
1/4	46.48	1/4	406.75	1/4	770.64	1/4	1,139.23	1/4	1,508.13	1/4	1,876.84	1/4	2,245.77	1/4	2,614.70	1/4	2,983.63	1/4	3,352.56	1/4	3,721.49	1/4	4,090.42	1/4	4,459.30	1/4	4,818.62	1/4	5,161.49
1/2	53.28	1/2	414.36	1/2	778.32	1/2	1,146.92	1/2	1,515.81	1/2	1,884.52	1/2	2,253.45	1/2	2,622.38	1/2	2,991.32	1/2	3,360.25	1/2	3,729.18	1/2	4,098.11	1/2	4,466.95	1/2	4,825.93	1/2	5,168.45
3/4	60.54	3/4	421.97	3/4	785.99	3/4	1,154.60	3/4	1,523.50	3/4	1,892.21	3/4	2,261.14	3/4	2,630.07	3/4	2,999.00	3/4	3,367.93	3/4	3,736.86	3/4	4,105.80	3/4	4,474.60	3/4	4,833.24	3/4	5,175.41
2	67.86	**2**	429.58	**2**	793.67	**2**	1,162.29	**2**	1,531.18	**2**	1,899.89	**2**	2,268.83	**2**	2,637.76	**2**	3,006.69	**2**	3,375.62	**2**	3,744.55	**2**	4,113.48	**2**	4,482.24	**2**	4,840.53	**2**	5,182.37
1/4	75.22	1/4	437.20	1/4	801.35	1/4	1,169.97	1/4	1,538.87	1/4	1,907.58	1/4	2,276.51	1/4	2,645.44	1/4	3,014.37	1/4	3,383.31	1/4	3,752.24	1/4	4,121.17	1/4	4,489.87	1/4	4,847.82	1/4	5,189.31
1/2	82.59	1/2	444.81	1/2	809.03	1/2	1,177.66	1/2	1,546.55	1/2	1,915.27	1/2	2,284.20	1/2	2,653.13	1/2	3,022.06	1/2	3,390.99	1/2	3,759.92	1/2	4,128.85	1/2	4,497.50	1/2	4,855.11	1/2	5,196.25
3/4	89.97	3/4	452.42	3/4	816.71	3/4	1,185.34	3/4	1,554.24	3/4	1,922.95	3/4	2,291.88	3/4	2,660.81	3/4	3,029.75	3/4	3,398.68	3/4	3,767.61	3/4	4,136.54	3/4	4,505.11	3/4	4,862.38	3/4	5,203.19
3	97.36	**3**	460.06	**3**	824.39	**3**	1,193.03	**3**	1,561.92	**3**	1,930.64	**3**	2,299.57	**3**	2,668.50	**3**	3,037.43	**3**	3,406.36	**3**	3,775.29	**3**	4,144.23	**3**	4,512.72	**3**	4,869.65	**3**	5,210.11
1/4	104.77	1/4	467.69	1/4	832.07	1/4	1,200.71	1/4	1,569.61	1/4	1,938.32	1/4	2,307.26	1/4	2,676.19	1/4	3,045.12	1/4	3,414.05	1/4	3,782.98	1/4	4,151.91	1/4	4,520.33	1/4	4,876.91	1/4	5,217.03
1/2	112.18	1/2	475.32	1/2	839.74	1/2	1,208.40	1/2	1,577.30	1/2	1,946.01	1/2	2,314.94	1/2	2,683.87	1/2	3,052.80	1/2	3,421.74	1/2	3,790.67	1/2	4,159.60	1/2	4,527.92	1/2	4,884.16	1/2	5,223.94
3/4	119.60	3/4	482.96	3/4	847.42	3/4	1,216.08	3/4	1,584.98	3/4	1,953.70	3/4	2,322.63	3/4	2,691.56	3/4	3,060.49	3/4	3,429.42	3/4	3,798.35	3/4	4,167.28	3/4	4,535.51	3/4	4,891.41	3/4	5,230.84
4	126.98	**4**	490.47	**4**	855.10	**4**	1,223.77	**4**	1,592.67	**4**	1,961.38	**4**	2,330.31	**4**	2,699.25	**4**	3,068.18	**4**	3,437.11	**4**	3,806.04	**4**	4,174.97	**4**	4,543.10	**4**	4,898.65	**4**	5,237.74
1/4	134.36	1/4	497.97	1/4	862.78	1/4	1,231.45	1/4	1,600.35	1/4	1,969.07	1/4	2,338.00	1/4	2,706.93	1/4	3,075.86	1/4	3,444.79	1/4	3,813.72	1/4	4,182.66	1/4	4,550.67	1/4	4,905.88	1/4	5,244.63
1/2	141.75	1/2	505.48	1/2	870.46	1/2	1,239.14	1/2	1,608.04	1/2	1,976.76	1/2	2,345.69	1/2	2,714.62	1/2	3,083.55	1/2	3,452.48	1/2	3,821.41	1/2	4,190.34	1/2	4,558.24	1/2	4,913.11	1/2	5,251.51
3/4	149.14	3/4	512.99	3/4	878.14	3/4	1,246.82	3/4	1,615.72	3/4	1,984.44	3/4	2,353.37	3/4	2,722.30	3/4	3,091.23	3/4	3,460.17	3/4	3,829.10	3/4	4,198.03	3/4	4,565.80	3/4	4,920.33	3/4	5,258.39
5	156.54	**5**	520.49	**5**	885.81	**5**	1,254.51	**5**	1,623.41	**5**	1,992.13	**5**	2,361.06	**5**	2,729.99	**5**	3,098.92	**5**	3,467.85	**5**	3,836.78	**5**	4,205.71	**5**	4,573.36	**5**	4,927.54	**5**	5,265.25
1/4	163.94	1/4	528.00	1/4	893.49	1/4	1,262.20	1/4	1,631.09	1/4	1,999.81	1/4	2,368.74	1/4	2,737.68	1/4	3,106.61	1/4	3,475.54	1/4	3,844.47	1/4	4,213.40	1/4	4,580.90	1/4	4,934.74	1/4	5,272.11
1/2	171.34	1/2	535.51	1/2	901.17	1/2	1,269.88	1/2	1,638.78	1/2	2,007.50	1/2	2,376.43	1/2	2,745.36	1/2	3,114.29	1/2	3,483.22	1/2	3,852.16	1/2	4,221.09	1/2	4,588.44	1/2	4,941.94	1/2	5,278.97
3/4	178.75	3/4	543.01	3/4	908.85	3/4	1,277.57	3/4	1,646.47	3/4	2,015.19	3/4	2,384.12	3/4	2,753.05	3/4	3,121.98	3/4	3,490.91	3/4	3,859.84	3/4	4,228.77	3/4	4,595.97	3/4	4,949.13	3/4	5,285.66
6	186.16	**6**	550.52	**6**	916.53	**6**	1,285.25	**6**	1,654.14	**6**	2,022.87	**6**	2,391.80	**6**	2,760.73	**6**	3,129.66	**6**	3,498.60	**6**	3,867.53	**6**	4,236.46	**6**	4,603.50	**6**	4,956.31	**6**	5,292.00
1/4	193.57	1/4	558.03	1/4	924.21	1/4	1,292.94	1/4	1,661.82	1/4	2,030.56	1/4	2,399.49	1/4	2,768.42	1/4	3,137.35	1/4	3,506.28	1/4	3,875.21	1/4	4,244.14	1/4	4,611.02	1/4	4,963.48	1/4	5,298.00
1/2	200.98	1/2	565.53	1/2	931.88	1/2	1,300.62	1/2	1,669.50	1/2	2,038.24	1/2	2,407.17	1/2	2,776.11	1/2	3,145.04	1/2	3,513.97	1/2	3,882.90	1/2	4,251.83	1/2	4,618.53	1/2	4,970.65	1/2	5,303.66
3/4	208.39	3/4	573.04	3/4	939.56	3/4	1,308.31	3/4	1,677.17	3/4	2,045.93	3/4	2,414.86	3/4	2,783.79	3/4	3,152.72	3/4	3,521.65	3/4	3,890.59	3/4	4,259.52	3/4	4,626.03	3/4	4,977.81	3/4	5,308.97
7	215.85	**7**	580.55	**7**	947.24	**7**	1,315.99	**7**	1,684.85	**7**	2,053.62	**7**	2,422.55	**7**	2,791.48	**7**	3,160.41	**7**	3,529.34	**7**	3,898.27	**7**	4,267.20	**7**	4,633.53	**7**	4,984.97	**7**	5,313.94
1/4	223.31	1/4	588.05	1/4	954.92	1/4	1,323.68	1/4	1,692.53	1/4	2,061.30	1/4	2,430.23	1/4	2,799.16	1/4	3,168.10	1/4	3,537.03	1/4	3,905.96	1/4	4,274.89	1/4	4,641.02	1/4	4,992.11	1/4	5,318.57
1/2	230.78	1/2	595.56	1/2	962.60	1/2	1,331.36	1/2	1,700.21	1/2	2,068.99	1/2	2,437.92	1/2	2,806.85	1/2	3,175.78	1/2	3,544.71	1/2	3,913.64	1/2	4,282.57	1/2	4,648.50	1/2	4,999.25	1/2	5,322.85
3/4	238.24	3/4	603.07	3/4	970.28	3/4	1,339.05	3/4	1,707.88	3/4	2,076.67	3/4	2,445.61	3/4	2,814.54	3/4	3,183.47	3/4	3,552.40	3/4	3,921.33	3/4	4,290.26	3/4	4,655.98	3/4	5,006.38	3/4	5,326.80
8	245.91	**8**	610.57	**8**	977.95	**8**	1,346.73	**8**	1,715.56	**8**	2,084.36	**8**	2,453.29	**8**	2,822.22	**8**	3,191.15	**8**	3,560.08	**8**	3,929.02	**8**	4,297.95	**8**	4,663.44	**8**	5,013.51	**8**	5,330.40
1/4	253.58	1/4	618.08	1/4	985.63	1/4	1,354.42	1/4	1,723.24	1/4	2,092.05	1/4	2,460.98	1/4	2,829.91	1/4	3,198.84	1/4	3,567.77	1/4	3,936.70	1/4	4,305.63	1/4	4,670.91	1/4	5,020.63	1/4	5,333.65
1/2	261.26	1/2	625.58	1/2	993.31	1/2	1,362.10	1/2	1,730.92	1/2	2,099.73	1/2	2,468.66	1/2	2,837.59	1/2	3,206.53	1/2	3,575.46	1/2	3,944.39	1/2	4,313.32	1/2	4,678.36	1/2	5,027.74	1/2	5,336.57
3/4	268.93	3/4	633.09	3/4	1,000.99	3/4	1,369.79	3/4	1,738.59	3/4	2,107.42	3/4	2,476.35	3/4	2,845.28	3/4	3,214.21	3/4	3,583.14	3/4	3,952.07	3/4	4,321.01	3/4	4,685.81	3/4	5,034.84	3/4	5,339.14
9	276.59	**9**	640.59	**9**	1,008.67	**9**	1,377.47	**9**	1,746.27	**9**	2,115.10	**9**	2,484.04	**9**	2,852.97	**9**	3,221.90	**9**	3,590.83	**9**	3,959.76	**9**	4,328.69	**9**	4,693.25	**9**	5,041.94	**9**	5,341.37
1/4	284.25	1/4	648.10	1/4	1,016.35	1/4	1,385.16	1/4	1,753.95	1/4	2,122.79	1/4	2,491.72	1/4	2,860.65	1/4	3,229.58	1/4	3,598.51	1/4	3,967.45	1/4	4,336.38	1/4	4,700.68	1/4	5,049.03	1/4	5,343.25
1/2	291.91	1/2	655.60	1/2	1,024.03	1/2	1,392.84	1/2	1,761.62	1/2	2,130.48	1/2	2,499.41	1/2	2,868.34	1/2	3,237.27	1/2	3,606.20	1/2	3,975.13	1/2	4,344.06	1/2	4,708.10	1/2	5,056.11	1/2	5,344.79
3/4	299.57	3/4	663.11	3/4	1,031.71	3/4	1,400.53	3/4	1,769.30	3/4	2,138.16	3/4	2,507.09	3/4	2,876.02	3/4	3,244.96	3/4	3,613.89	3/4	3,982.82	3/4	4,351.75	3/4	4,715.52	3/4	5,063.18	3/4	5,345.99
10	307.24	**10**	670.79	**10**	1,039.39	**10**	1,408.22	**10**	1,776.98	**10**	2,145.85	**10**	2,514.78	**10**	2,883.71	**10**	3,252.64	**10**	3,621.57	**10**	3,990.50	**10**	4,359.44	**10**	4,722.93	**10**	5,070.25	**10**	5,346.85
1/4	314.90	1/4	678.48	1/4	1,047.07	1/4	1,415.90	1/4	1,784.66	1/4	2,153.53	1/4	2,522.47	1/4	2,891.40	1/4	3,260.33	1/4	3,629.26	1/4	3,998.19	1/4	4,367.12	1/4	4,730.34	1/4	5,077.31	1/4	5,347.32
1/2	322.56	1/2	686.16	1/2	1,054.75	1/2	1,423.59	1/2	1,792.33	1/2	2,161.22	1/2	2,530.15	1/2	2,899.08	1/2	3,268.01	1/2	3,636.95	1/2	4,005.88	1/2	4,374.81	1/2	4,737.73	1/2	5,084.37	1/2	5,347.51
3/4	330.22	3/4	693.85	3/4	1,062.43	3/4	1,431.27	3/4	1,800.01	3/4	2,168.91	3/4	2,537.84	3/4	2,906.77	3/4	3,275.70	3/4	3,644.63	3/4	4,013.56	3/4	4,382.49	3/4	4,745.12	3/4	5,091.41	3/4	
11	337.88	**11**	701.53	**11**	1,070.10	**11**	1,438.96	**11**	1,807.69	**11**	2,176.59	**11**	2,545.52	**11**	2,914.46	**11**	3,283.39	**11**	3,652.32	**11**	4,021.25	**11**	4,390.18	**11**	4,752.50	**11**	5,098.45	**11**	
1/4	345.54	1/4	709.21	1/4	1,077.78	1/4	1,446.64	1/4	1,815.37	1/4	2,184.28	1/4	2,553.21	1/4	2,922.14	1/4	3,291.07	1/4	3,660.00	1/4	4,028.93	1/4	4,397.87	1/4	4,759.88	1/4	5,105.49	1/4	
1/2	353.21	1/2	716.89	1/2	1,085.46	1/2	1,454.33	1/2	1,823.04	1/2	2,191.96	1/2	2,560.90	1/2	2,929.83	1/2	3,298.76	1/2	3,667.69	1/2	4,036.62	1/2	4,405.55	1/2	4,767.25	1/2	5,112.51	1/2	
3/4	360.87	3/4	724.56	3/4	1,093.14	3/4	1,462.01	3/4	1,830.72	3/4	2,199.65	3/4	2,568.58	3/4	2,937.51	3/4	3,306.44	3/4	3,675.38	3/4	4,044.31	3/4	4,413.24	3/4	4,774.61	3/4	5,119.53	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK - TRIM CORRECTION NOT REQUIRED.
NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL
NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES
OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 8/19/2013 BY: JMF
DATE COMPUTED: 9/06/2013 BY: WHF
DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16' 1 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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	23.79	0	367.16	0	730.27	0	1,098.40	0	1,466.90	0	1,835.35	0	2,203.88	0	2,572.41	0	2,940.95	0	3,309.48	0	3,678.01	0	4,046.54	0	4,415.07	0	4,775.71	0	5,119.89
1/4	28.68	1/4	374.80	1/4	737.94	1/4	1,106.07	1/4	1,474.57	1/4	1,843.03	1/4	2,211.56	1/4	2,580.09	1/4	2,948.62	1/4	3,317.15	1/4	3,685.69	1/4	4,054.22	1/4	4,422.75	1/4	4,783.05	1/4	5,126.89
1/2	34.05	1/2	382.44	1/2	745.61	1/2	1,113.74	1/2	1,482.25	1/2	1,850.71	1/2	2,219.24	1/2	2,587.77	1/2	2,956.30	1/2	3,324.83	1/2	3,693.36	1/2	4,061.89	1/2	4,430.42	1/2	4,790.38	1/2	5,133.88
3/4	39.88	3/4	390.08	3/4	753.28	3/4	1,121.41	3/4	1,489.93	3/4	1,858.39	3/4	2,226.92	3/4	2,595.45	3/4	2,963.98	3/4	3,332.51	3/4	3,701.04	3/4	4,069.57	3/4	4,438.09	3/4	4,797.70	3/4	5,140.86
1	46.19	1	397.66	1	760.94	1	1,129.09	1	1,497.60	1	1,866.06	1	2,234.59	1	2,603.13	1	2,971.66	1	3,340.19	1	3,708.72	1	4,077.25	1	4,445.75	1	4,805.02	1	5,147.83
1/4	52.96	1/4	405.25	1/4	768.61	1/4	1,136.77	1/4	1,505.28	1/4	1,873.74	1/4	2,242.27	1/4	2,610.80	1/4	2,979.33	1/4	3,347.87	1/4	3,716.40	1/4	4,084.93	1/4	4,453.40	1/4	4,812.33	1/4	5,154.80
1/2	60.20	1/2	412.84	1/2	776.28	1/2	1,144.45	1/2	1,512.96	1/2	1,881.42	1/2	2,249.95	1/2	2,618.48	1/2	2,987.01	1/2	3,355.54	1/2	3,724.07	1/2	4,092.61	1/2	4,461.05	1/2	4,819.63	1/2	5,161.76
3/4	67.50	3/4	420.43	3/4	783.95	3/4	1,152.12	3/4	1,520.64	3/4	1,889.10	3/4	2,257.63	3/4	2,626.16	3/4	2,994.69	3/4	3,363.22	3/4	3,731.75	3/4	4,100.28	3/4	4,468.69	3/4	4,826.93	3/4	5,168.71
2	74.82	2	428.02	2	791.62	2	1,159.80	2	1,528.31	2	1,896.77	2	2,265.31	2	2,633.84	2	3,002.37	2	3,370.90	2	3,739.43	2	4,107.96	2	4,476.32	2	4,834.22	2	5,175.65
1/4	82.17	1/4	435.60	1/4	799.29	1/4	1,167.48	1/4	1,535.99	1/4	1,904.45	1/4	2,272.98	1/4	2,641.51	1/4	3,010.05	1/4	3,378.58	1/4	3,747.11	1/4	4,115.64	1/4	4,483.94	1/4	4,841.50	1/4	5,182.59
1/2	89.53	1/2	443.19	1/2	806.96	1/2	1,175.16	1/2	1,543.67	1/2	1,912.13	1/2	2,280.66	1/2	2,649.19	1/2	3,017.72	1/2	3,386.25	1/2	3,754.79	1/2	4,123.32	1/2	4,491.56	1/2	4,848.77	1/2	5,189.52
3/4	96.90	3/4	450.78	3/4	814.63	3/4	1,182.83	3/4	1,551.35	3/4	1,919.81	3/4	2,288.34	3/4	2,656.87	3/4	3,025.40	3/4	3,393.93	3/4	3,762.46	3/4	4,130.99	3/4	4,499.17	3/4	4,856.04	3/4	5,196.45
3	104.27	3	458.41	3	822.30	3	1,190.51	3	1,559.02	3	1,927.49	3	2,296.02	3	2,664.55	3	3,033.08	3	3,401.61	3	3,770.14	3	4,138.67	3	4,506.77	3	4,863.30	3	5,203.37
1/4	111.66	1/4	466.03	1/4	829.97	1/4	1,198.19	1/4	1,566.70	1/4	1,935.16	1/4	2,303.69	1/4	2,672.23	1/4	3,040.76	1/4	3,409.29	1/4	3,777.82	1/4	4,146.35	1/4	4,514.37	1/4	4,870.55	1/4	5,210.27
1/2	119.05	1/2	473.66	1/2	837.64	1/2	1,205.87	1/2	1,574.38	1/2	1,942.84	1/2	2,311.37	1/2	2,679.90	1/2	3,048.43	1/2	3,416.97	1/2	3,785.50	1/2	4,154.03	1/2	4,521.95	1/2	4,877.80	1/2	5,217.18
3/4	126.40	3/4	481.29	3/4	845.31	3/4	1,213.54	3/4	1,582.06	3/4	1,950.52	3/4	2,319.05	3/4	2,687.58	3/4	3,056.11	3/4	3,424.64	3/4	3,793.17	3/4	4,161.71	3/4	4,529.54	3/4	4,885.04	3/4	5,224.07
4	133.76	4	488.78	4	852.98	4	1,221.22	4	1,589.74	4	1,958.20	4	2,326.73	4	2,695.26	4	3,063.79	4	3,432.32	4	3,800.85	4	4,169.38	4	4,537.11	4	4,892.27	4	5,230.96
1/4	141.12	1/4	496.28	1/4	860.65	1/4	1,228.90	1/4	1,597.41	1/4	1,965.87	1/4	2,334.41	1/4	2,702.94	1/4	3,071.47	1/4	3,440.00	1/4	3,808.53	1/4	4,177.06	1/4	4,544.68	1/4	4,899.49	1/4	5,237.84
1/2	148.48	1/2	503.78	1/2	868.32	1/2	1,236.58	1/2	1,605.09	1/2	1,973.55	1/2	2,342.08	1/2	2,710.61	1/2	3,079.15	1/2	3,447.68	1/2	3,816.21	1/2	4,184.74	1/2	4,552.24	1/2	4,906.71	1/2	5,244.72
3/4	155.85	3/4	511.28	3/4	875.99	3/4	1,244.25	3/4	1,612.77	3/4	1,981.23	3/4	2,349.76	3/4	2,718.29	3/4	3,086.82	3/4	3,455.35	3/4	3,823.89	3/4	4,192.42	3/4	4,559.79	3/4	4,913.92	3/4	5,251.58
5	163.22	5	518.77	5	883.65	5	1,251.93	5	1,620.45	5	1,988.91	5	2,357.44	5	2,725.97	5	3,094.50	5	3,463.03	5	3,831.56	5	4,200.09	5	4,567.34	5	4,921.12	5	5,258.44
1/4	170.60	1/4	526.27	1/4	891.32	1/4	1,259.61	1/4	1,628.12	1/4	1,996.58	1/4	2,365.12	1/4	2,733.65	1/4	3,102.18	1/4	3,470.71	1/4	3,839.24	1/4	4,207.77	1/4	4,574.87	1/4	4,928.32	1/4	5,265.29
1/2	177.97	1/2	533.77	1/2	898.99	1/2	1,267.28	1/2	1,635.80	1/2	2,004.26	1/2	2,372.79	1/2	2,741.32	1/2	3,109.86	1/2	3,478.39	1/2	3,846.92	1/2	4,215.45	1/2	4,582.41	1/2	4,935.50	1/2	5,272.14
3/4	185.36	3/4	541.27	3/4	906.66	3/4	1,274.96	3/4	1,643.48	3/4	2,011.94	3/4	2,380.47	3/4	2,749.00	3/4	3,117.53	3/4	3,486.06	3/4	3,854.60	3/4	4,223.13	3/4	4,589.93	3/4	4,942.68	3/4	5,278.82
6	192.74	6	548.76	6	914.32	6	1,282.64	6	1,651.15	6	2,019.62	6	2,388.15	6	2,756.68	6	3,125.21	6	3,493.74	6	3,862.27	6	4,230.80	6	4,597.45	6	4,949.86	6	5,285.16
1/4	200.12	1/4	556.26	1/4	921.99	1/4	1,290.32	1/4	1,658.83	1/4	2,027.30	1/4	2,395.83	1/4	2,764.36	1/4	3,132.89	1/4	3,501.42	1/4	3,869.95	1/4	4,238.48	1/4	4,604.96	1/4	4,957.03	1/4	5,291.15
1/2	207.51	1/2	563.76	1/2	929.66	1/2	1,297.99	1/2	1,666.50	1/2	2,034.97	1/2	2,403.50	1/2	2,772.04	1/2	3,140.57	1/2	3,509.10	1/2	3,877.63	1/2	4,246.16	1/2	4,612.46	1/2	4,964.19	1/2	5,296.80
3/4	214.95	3/4	571.26	3/4	937.33	3/4	1,305.67	3/4	1,674.18	3/4	2,042.65	3/4	2,411.18	3/4	2,779.71	3/4	3,148.24	3/4	3,516.78	3/4	3,885.31	3/4	4,253.84	3/4	4,619.95	3/4	4,971.34	3/4	5,302.11
7	222.39	7	578.75	7	945.00	7	1,313.35	7	1,681.85	7	2,050.33	7	2,418.86	7	2,787.39	7	3,155.92	7	3,524.45	7	3,892.98	7	4,261.52	7	4,627.44	7	4,978.48	7	5,307.07
1/4	229.83	1/4	586.25	1/4	952.66	1/4	1,321.03	1/4	1,689.53	1/4	2,058.01	1/4	2,426.54	1/4	2,795.07	1/4	3,163.60	1/4	3,532.13	1/4	3,900.66	1/4	4,269.19	1/4	4,634.92	1/4	4,985.62	1/4	5,311.70
1/2	237.27	1/2	593.75	1/2	960.33	1/2	1,328.70	1/2	1,697.20	1/2	2,065.68	1/2	2,434.22	1/2	2,802.75	1/2	3,171.28	1/2	3,539.81	1/2	3,908.34	1/2	4,276.87	1/2	4,642.40	1/2	4,992.75	1/2	5,315.98
3/4	244.91	3/4	601.25	3/4	968.00	3/4	1,336.38	3/4	1,704.88	3/4	2,073.36	3/4	2,441.89	3/4	2,810.42	3/4	3,178.96	3/4	3,547.49	3/4	3,916.02	3/4	4,284.55	3/4	4,649.86	3/4	4,999.88	3/4	5,319.91
8	252.56	8	608.74	8	975.67	8	1,344.06	8	1,712.55	8	2,081.04	8	2,449.57	8	2,818.10	8	3,186.63	8	3,555.16	8	3,923.70	8	4,292.23	8	4,657.32	8	5,006.99	8	5,323.51
1/4	260.21	1/4	616.24	1/4	983.34	1/4	1,351.74	1/4	1,720.23	1/4	2,088.72	1/4	2,457.25	1/4	2,825.78	1/4	3,194.31	1/4	3,562.84	1/4	3,931.37	1/4	4,299.90	1/4	4,664.78	1/4	5,014.10	1/4	5,326.76
1/2	267.86	1/2	623.73	1/2	991.01	1/2	1,359.41	1/2	1,727.90	1/2	2,096.40	1/2	2,464.93	1/2	2,833.46	1/2	3,201.99	1/2	3,570.52	1/2	3,939.05	1/2	4,307.58	1/2	4,672.22	1/2	5,021.21	1/2	5,329.67
3/4	275.50	3/4	631.23	3/4	998.68	3/4	1,367.09	3/4	1,735.58	3/4	2,104.07	3/4	2,472.60	3/4	2,841.14	3/4	3,209.67	3/4	3,578.20	3/4	3,946.73	3/4	4,315.26	3/4	4,679.66	3/4	5,028.30	3/4	5,332.24
9	283.14	9	638.73	9	1,006.35	9	1,374.77	9	1,743.25	9	2,111.75	9	2,480.28	9	2,848.81	9	3,217.34	9	3,585.88	9	3,954.41	9	4,322.94	9	4,687.09	9	5,035.39	9	5,334.47
1/4	290.77	1/4	646.22	1/4	1,014.02	1/4	1,382.45	1/4	1,750.93	1/4	2,119.43	1/4	2,487.96	1/4	2,856.49	1/4	3,225.02	1/4	3,593.55	1/4	3,962.08	1/4	4,330.62	1/4	4,694.52	1/4	5,042.47	1/4	5,336.35
1/2	298.41	1/2	653.72	1/2	1,021.69	1/2	1,390.12	1/2	1,758.60	1/2	2,127.11	1/2	2,495.64	1/2	2,864.17	1/2	3,232.70	1/2	3,601.23	1/2	3,969.76	1/2	4,338.29	1/2	4,701.93	1/2	5,049.54	1/2	5,337.89
3/4	306.05	3/4	661.22	3/4	1,029.36	3/4	1,397.80	3/4	1,766.28	3/4	2,134.78	3/4	2,503.32	3/4	2,871.85	3/4	3,240.38	3/4	3,608.91	3/4	3,977.44	3/4	4,345.97	3/4	4,709.34	3/4	5,056.61	3/4	5,339.09
10	313.69	10	668.89	10	1,037.03	10	1,405.48	10	1,773.95	10	2,142.46	10	2,510.99	10	2,879.52	10	3,248.06	10	3,616.59	10	3,985.12	10	4,353.65	10	4,716.75	10	5,063.67	10	5,339.95
1/4	321.33	1/4	676.57	1/4	1,044.70	1/4	1,413.16	1/4	1,781.63	1/4	2,150.14	1/4	2,518.67	1/4	2,887.20	1/4	3,255.73	1/4	3,624.26	1/4	3,992.80	1/4	4,361.33	1/4	4,724.14	1/4	5,070.72	1/4	5,340.42
1/2	328.97	1/2	684.24	1/2	1,052.37	1/2	1,420.83	1/2	1,789.30	1/2	2,157.82	1/2	2,526.35	1/2	2,894.88	1/2	3,263.41	1/2	3,631.94	1/2	4,000.47	1/2	4,369.00	1/2	4,731.53	1/2	5,077.77	1/2	5,340.61
3/4	336.61	3/4	691.92	3/4	1,060.04	3/4	1,428.51	3/4	1,796.98	3/4	2,165.49	3/4	2,534.03	3/4	2,902.56	3/4	3,271.09	3/4	3,639.62	3/4	4,008.15	3/4	4,376.68	3/4	4,738.91	3/4	5,084.81	3/4	
11	344.24	11	699.59	11	1,067.72	11	1,436.19	11	1,804.65	11	2,173.17	11	2,541.70	11	2,910.23	11	3,278.77	11	3,647.30	11	4,015.83	11	4,384.36	11	4,746.29	11	5,091.84	11	
1/4	351.88	1/4	707.26	1/4	1,075.39	1/4	1,443.86	1/4	1,812.33	1/4	2,180.85	1/4	2,549.38	1/4	2,917.91	1/4	3,286.44	1/4	3,654.97	1/4	4,023.51	1/4	4,392.04	1/4	4,753.65	1/4	5,098.86	1/4	
1/2	359.52	1/2	714.93	1/2	1,083.06	1/2	1,451.54	1/2	1,820.00	1/2	2,188.53	1/2	2,557.06	1/2	2,925.59	1/2	3,294.12	1/2	3,662.65	1/2	4,031.18	1/2	4,399.71	1/2	4,761.01	1/2	5,105.88	1/2	
3/4	367.16	3/4	722.60	3/4	1,090.73	3/4	1,459.22	3/4	1,827.67	3/4	2,196.21	3/4	2,564.74	3/4	2,933.27	3/4	3,301.80	3/4	3,670.33	3/4	4,038.86	3/4	4,407.39	3/4	4,768.36	3/4	5,112.89	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK - TRIM CORRECTION NOT REQUIRED.
NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL
NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES
OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 8/19/2013 BY: JMF
DATE COMPUTED: 9/06/2013 BY: WHF
DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16' 1 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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	22.56	**0**	347.90	**0**	692.03	**0**	1,040.96	**0**	1,390.25	**0**	1,739.50	**0**	2,088.83	**0**	2,438.15	**0**	2,787.48	**0**	3,136.81	**0**	3,486.13	**0**	3,835.46	**0**	4,184.79	**0**	4,526.64	**0**	4,852.89
1/4	27.20	1/4	355.14	1/4	699.30	1/4	1,048.23	1/4	1,397.53	1/4	1,746.78	1/4	2,096.11	1/4	2,445.43	1/4	2,794.76	1/4	3,144.08	1/4	3,493.41	1/4	3,842.74	1/4	4,192.06	1/4	4,533.59	1/4	4,859.52
1/2	32.29	1/2	362.38	1/2	706.57	1/2	1,055.50	1/2	1,404.80	1/2	1,754.06	1/2	2,103.38	1/2	2,452.71	1/2	2,802.04	1/2	3,151.36	1/2	3,500.69	1/2	3,850.02	1/2	4,199.34	1/2	4,540.54	1/2	4,866.15
3/4	37.82	3/4	369.62	3/4	713.84	3/4	1,062.77	3/4	1,412.08	3/4	1,761.33	3/4	2,110.66	3/4	2,459.99	3/4	2,809.31	3/4	3,158.64	3/4	3,507.97	3/4	3,857.29	3/4	4,206.61	3/4	4,547.48	3/4	4,872.77
1	43.79	**1**	376.80	**1**	721.11	**1**	1,070.05	**1**	1,419.36	**1**	1,768.61	**1**	2,117.94	**1**	2,467.26	**1**	2,816.59	**1**	3,165.92	**1**	3,515.24	**1**	3,864.57	**1**	4,213.87	**1**	4,554.42	**1**	4,879.38
1/4	50.21	1/4	383.99	1/4	728.38	1/4	1,077.33	1/4	1,426.63	1/4	1,775.89	1/4	2,125.22	1/4	2,474.54	1/4	2,823.87	1/4	3,173.20	1/4	3,522.52	1/4	3,871.85	1/4	4,221.12	1/4	4,561.35	1/4	4,885.98
1/2	57.08	1/2	391.18	1/2	735.65	1/2	1,084.60	1/2	1,433.91	1/2	1,783.17	1/2	2,132.49	1/2	2,481.82	1/2	2,831.15	1/2	3,180.47	1/2	3,529.80	1/2	3,879.13	1/2	4,228.37	1/2	4,568.27	1/2	4,892.58
3/4	63.99	3/4	398.37	3/4	742.92	3/4	1,091.88	3/4	1,441.19	3/4	1,790.44	3/4	2,139.77	3/4	2,489.10	3/4	2,838.42	3/4	3,187.75	3/4	3,537.08	3/4	3,886.40	3/4	4,235.61	3/4	4,575.19	3/4	4,899.17
2	70.93	**2**	405.56	**2**	750.18	**2**	1,099.16	**2**	1,448.47	**2**	1,797.72	**2**	2,147.05	**2**	2,496.38	**2**	2,845.70	**2**	3,195.03	**2**	3,544.35	**2**	3,893.68	**2**	4,242.84	**2**	4,582.10	**2**	4,905.75
1/4	77.89	1/4	412.74	1/4	757.45	1/4	1,106.44	1/4	1,455.74	1/4	1,805.00	1/4	2,154.33	1/4	2,503.65	1/4	2,852.98	1/4	3,202.31	1/4	3,551.63	1/4	3,900.96	1/4	4,250.07	1/4	4,589.00	1/4	4,912.33
1/2	84.86	1/2	419.93	1/2	764.72	1/2	1,113.71	1/2	1,463.02	1/2	1,812.28	1/2	2,161.60	1/2	2,510.93	1/2	2,860.26	1/2	3,209.58	1/2	3,558.91	1/2	3,908.24	1/2	4,257.29	1/2	4,595.89	1/2	4,918.90
3/4	91.84	3/4	427.12	3/4	771.99	3/4	1,120.99	3/4	1,470.30	3/4	1,819.56	3/4	2,168.88	3/4	2,518.21	3/4	2,867.53	3/4	3,216.86	3/4	3,566.19	3/4	3,915.51	3/4	4,264.50	3/4	4,602.78	3/4	4,925.46
3	98.83	**3**	434.35	**3**	779.26	**3**	1,128.27	**3**	1,477.58	**3**	1,826.83	**3**	2,176.16	**3**	2,525.49	**3**	2,874.81	**3**	3,224.14	**3**	3,573.47	**3**	3,922.79	**3**	4,271.71	**3**	4,609.66	**3**	4,932.02
1/4	105.83	1/4	441.57	1/4	786.53	1/4	1,135.54	1/4	1,484.85	1/4	1,834.11	1/4	2,183.44	1/4	2,532.76	1/4	2,882.09	1/4	3,231.42	1/4	3,580.74	1/4	3,930.07	1/4	4,278.91	1/4	4,616.54	1/4	4,938.57
1/2	112.83	1/2	448.80	1/2	793.80	1/2	1,142.82	1/2	1,492.13	1/2	1,841.39	1/2	2,190.71	1/2	2,540.04	1/2	2,889.37	1/2	3,238.69	1/2	3,588.02	1/2	3,937.35	1/2	4,286.10	1/2	4,623.41	1/2	4,945.11
3/4	119.79	3/4	456.03	3/4	801.07	3/4	1,150.10	3/4	1,499.41	3/4	1,848.67	3/4	2,197.99	3/4	2,547.32	3/4	2,896.65	3/4	3,245.97	3/4	3,595.30	3/4	3,944.62	3/4	4,293.29	3/4	4,630.27	3/4	4,951.65
4	126.76	**4**	463.13	**4**	808.34	**4**	1,157.38	**4**	1,506.69	**4**	1,855.94	**4**	2,205.27	**4**	2,554.60	**4**	2,903.92	**4**	3,253.25	**4**	3,602.58	**4**	3,951.90	**4**	4,300.47	**4**	4,637.12	**4**	4,958.18
1/4	133.73	1/4	470.24	1/4	815.61	1/4	1,164.65	1/4	1,513.96	1/4	1,863.22	1/4	2,212.55	1/4	2,561.87	1/4	2,911.20	1/4	3,260.53	1/4	3,609.85	1/4	3,959.18	1/4	4,307.64	1/4	4,643.97	1/4	4,964.70
1/2	140.71	1/2	477.35	1/2	822.88	1/2	1,171.93	1/2	1,521.24	1/2	1,870.50	1/2	2,219.83	1/2	2,569.15	1/2	2,918.48	1/2	3,267.80	1/2	3,617.13	1/2	3,966.46	1/2	4,314.81	1/2	4,650.81	1/2	4,971.22
3/4	147.69	3/4	484.45	3/4	830.15	3/4	1,179.21	3/4	1,528.52	3/4	1,877.78	3/4	2,227.10	3/4	2,576.43	3/4	2,925.76	3/4	3,275.08	3/4	3,624.41	3/4	3,973.74	3/4	4,321.96	3/4	4,657.64	3/4	4,977.73
5	154.67	**5**	491.56	**5**	837.41	**5**	1,186.49	**5**	1,535.80	**5**	1,885.05	**5**	2,234.38	**5**	2,583.71	**5**	2,933.03	**5**	3,282.36	**5**	3,631.69	**5**	3,981.01	**5**	4,329.12	**5**	4,664.47	**5**	4,984.23
1/4	161.65	1/4	498.67	1/4	844.68	1/4	1,193.76	1/4	1,543.08	1/4	1,892.33	1/4	2,241.66	1/4	2,590.98	1/4	2,940.31	1/4	3,289.64	1/4	3,638.96	1/4	3,988.29	1/4	4,336.26	1/4	4,671.29	1/4	4,990.73
1/2	168.64	1/2	505.77	1/2	851.95	1/2	1,201.04	1/2	1,550.35	1/2	1,899.61	1/2	2,248.94	1/2	2,598.26	1/2	2,947.59	1/2	3,296.92	1/2	3,646.24	1/2	3,995.57	1/2	4,343.40	1/2	4,678.11	1/2	4,997.22
3/4	175.63	3/4	512.88	3/4	859.22	3/4	1,208.32	3/4	1,557.63	3/4	1,906.89	3/4	2,256.21	3/4	2,605.54	3/4	2,954.87	3/4	3,304.19	3/4	3,653.52	3/4	4,002.85	3/4	4,350.53	3/4	4,684.91	3/4	5,003.55
6	182.62	**6**	519.99	**6**	866.48	**6**	1,215.60	**6**	1,564.90	**6**	1,914.16	**6**	2,263.49	**6**	2,612.82	**6**	2,962.14	**6**	3,311.47	**6**	3,660.80	**6**	4,010.12	**6**	4,357.66	**6**	4,691.71	**6**	5,009.55
1/4	189.62	1/4	527.09	1/4	873.75	1/4	1,222.87	1/4	1,572.18	1/4	1,921.44	1/4	2,270.77	1/4	2,620.10	1/4	2,969.42	1/4	3,318.75	1/4	3,668.07	1/4	4,017.40	1/4	4,364.78	1/4	4,698.51	1/4	5,015.24
1/2	196.61	1/2	534.20	1/2	881.02	1/2	1,230.15	1/2	1,579.45	1/2	1,928.72	1/2	2,278.05	1/2	2,627.37	1/2	2,976.70	1/2	3,326.03	1/2	3,675.35	1/2	4,024.68	1/2	4,371.89	1/2	4,705.30	1/2	5,020.59
3/4	203.66	3/4	541.31	3/4	888.29	3/4	1,237.43	3/4	1,586.73	3/4	1,936.00	3/4	2,285.32	3/4	2,634.65	3/4	2,983.98	3/4	3,333.30	3/4	3,682.63	3/4	4,031.96	3/4	4,378.99	3/4	4,712.08	3/4	5,025.62
7	210.71	**7**	548.41	**7**	895.56	**7**	1,244.70	**7**	1,594.00	**7**	1,943.28	**7**	2,292.60	**7**	2,641.93	**7**	2,991.25	**7**	3,340.58	**7**	3,689.91	**7**	4,039.23	**7**	4,386.09	**7**	4,718.85	**7**	5,030.33
1/4	217.76	1/4	555.52	1/4	902.82	1/4	1,251.98	1/4	1,601.28	1/4	1,950.55	1/4	2,299.88	1/4	2,649.21	1/4	2,998.53	1/4	3,347.86	1/4	3,697.19	1/4	4,046.51	1/4	4,393.18	1/4	4,725.62	1/4	5,034.71
1/2	224.81	1/2	562.63	1/2	910.09	1/2	1,259.26	1/2	1,608.55	1/2	1,957.83	1/2	2,307.16	1/2	2,656.48	1/2	3,005.81	1/2	3,355.14	1/2	3,704.46	1/2	4,053.79	1/2	4,400.27	1/2	4,732.37	1/2	5,038.77
3/4	232.06	3/4	569.73	3/4	917.36	3/4	1,266.54	3/4	1,615.83	3/4	1,965.11	3/4	2,314.43	3/4	2,663.76	3/4	3,013.09	3/4	3,362.41	3/4	3,711.74	3/4	4,061.07	3/4	4,407.35	3/4	4,739.13	3/4	5,042.50
8	239.30	**8**	576.84	**8**	924.63	**8**	1,273.81	**8**	1,623.10	**8**	1,972.39	**8**	2,321.71	**8**	2,671.04	**8**	3,020.36	**8**	3,369.69	**8**	3,719.02	**8**	4,068.34	**8**	4,414.42	**8**	4,745.87	**8**	5,045.91
1/4	246.55	1/4	583.95	1/4	931.90	1/4	1,281.09	1/4	1,630.38	1/4	1,979.66	1/4	2,328.99	1/4	2,678.32	1/4	3,027.64	1/4	3,376.97	1/4	3,726.30	1/4	4,075.62	1/4	4,421.48	1/4	4,752.61	1/4	5,049.00
1/2	253.80	1/2	591.05	1/2	939.17	1/2	1,288.37	1/2	1,637.65	1/2	1,986.94	1/2	2,336.27	1/2	2,685.59	1/2	3,034.92	1/2	3,384.25	1/2	3,733.57	1/2	4,082.90	1/2	4,428.54	1/2	4,759.35	1/2	5,051.75
3/4	261.04	3/4	598.16	3/4	946.44	3/4	1,295.65	3/4	1,644.93	3/4	1,994.22	3/4	2,343.54	3/4	2,692.87	3/4	3,042.20	3/4	3,391.52	3/4	3,740.85	3/4	4,090.18	3/4	4,435.59	3/4	4,766.07	3/4	5,054.19
9	268.28	**9**	605.26	**9**	953.71	**9**	1,302.92	**9**	1,652.20	**9**	2,001.50	**9**	2,350.82	**9**	2,700.15	**9**	3,049.48	**9**	3,398.80	**9**	3,748.13	**9**	4,097.45	**9**	4,442.64	**9**	4,772.79	**9**	5,056.30
1/4	275.52	1/4	612.37	1/4	960.98	1/4	1,310.20	1/4	1,659.48	1/4	2,008.77	1/4	2,358.10	1/4	2,707.43	1/4	3,056.75	1/4	3,406.08	1/4	3,755.41	1/4	4,104.73	1/4	4,449.67	1/4	4,779.50	1/4	5,058.08
1/2	282.76	1/2	619.47	1/2	968.25	1/2	1,317.48	1/2	1,666.75	1/2	2,016.05	1/2	2,365.38	1/2	2,714.70	1/2	3,064.03	1/2	3,413.36	1/2	3,762.68	1/2	4,112.01	1/2	4,456.70	1/2	4,786.21	1/2	5,059.54
3/4	289.99	3/4	626.58	3/4	975.52	3/4	1,324.76	3/4	1,674.03	3/4	2,023.33	3/4	2,372.66	3/4	2,721.98	3/4	3,071.31	3/4	3,420.63	3/4	3,769.96	3/4	4,119.29	3/4	4,463.73	3/4	4,792.91	3/4	5,060.68
10	297.23	**10**	633.86	**10**	982.79	**10**	1,332.03	**10**	1,681.30	**10**	2,030.61	**10**	2,379.93	**10**	2,729.26	**10**	3,078.59	**10**	3,427.91	**10**	3,777.24	**10**	4,126.57	**10**	4,470.74	**10**	4,799.60	**10**	5,061.49
1/4	304.47	1/4	641.13	1/4	990.06	1/4	1,339.31	1/4	1,688.58	1/4	2,037.88	1/4	2,387.21	1/4	2,736.54	1/4	3,085.86	1/4	3,435.19	1/4	3,784.52	1/4	4,133.84	1/4	4,477.75	1/4	4,806.29	1/4	5,061.98
1/2	311.71	1/2	648.41	1/2	997.33	1/2	1,346.59	1/2	1,695.85	1/2	2,045.16	1/2	2,394.49	1/2	2,743.81	1/2	3,093.14	1/2	3,442.47	1/2	3,791.79	1/2	4,141.12	1/2	4,484.76	1/2	4,812.96	1/2	5,062.22
3/4	318.95	3/4	655.68	3/4	1,004.60	3/4	1,353.86	3/4	1,703.12	3/4	2,052.44	3/4	2,401.77	3/4	2,751.09	3/4	3,100.42	3/4	3,449.75	3/4	3,799.07	3/4	4,148.40	3/4	4,491.75	3/4	4,819.64	3/4	
11	326.19	**11**	662.95	**11**	1,011.87	**11**	1,361.14	**11**	1,710.40	**11**	2,059.72	**11**	2,409.04	**11**	2,758.37	**11**	3,107.70	**11**	3,457.02	**11**	3,806.35	**11**	4,155.68	**11**	4,498.74	**11**	4,826.30	**11**	
1/4	333.42	1/4	670.22	1/4	1,019.15	1/4	1,368.42	1/4	1,717.67	1/4	2,066.99	1/4	2,416.32	1/4	2,765.65	1/4	3,114.97	1/4	3,464.30	1/4	3,813.63	1/4	4,162.95	1/4	4,505.73	1/4	4,832.96	1/4	
1/2	340.66	1/2	677.49	1/2	1,026.42	1/2	1,375.69	1/2	1,724.95	1/2	2,074.27	1/2	2,423.60	1/2	2,772.93	1/2	3,122.25	1/2	3,471.58	1/2	3,820.90	1/2	4,170.23	1/2	4,512.70	1/2	4,839.61	1/2	
3/4	347.90	3/4	684.76	3/4	1,033.69	3/4	1,382.97	3/4	1,732.22	3/4	2,081.55	3/4	2,430.88	3/4	2,780.20	3/4	3,129.53	3/4	3,478.86	3/4	3,828.18	3/4	4,177.51	3/4	4,519.67	3/4	4,846.26	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK - TRIM CORRECTION NOT REQUIRED.
NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL
NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 8/19/2013 BY: JMF
DATE COMPUTED: 9/06/2013 BY: WHF
DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16' 1 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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	22.56	0	347.92	0	692.08	0	1,041.03	0	1,390.34	0	1,739.62	0	2,088.97	0	2,438.32	0	2,787.66	0	3,137.01	0	3,486.36	0	3,835.71	0	4,185.06	0	4,526.94	0	4,853.22
1/4	27.20	1/4	355.16	1/4	699.35	1/4	1,048.30	1/4	1,397.62	1/4	1,746.89	1/4	2,096.24	1/4	2,445.59	1/4	2,794.94	1/4	3,144.29	1/4	3,493.64	1/4	3,842.99	1/4	4,192.34	1/4	4,533.89	1/4	4,859.85
1/2	32.29	1/2	362.40	1/2	706.62	1/2	1,055.57	1/2	1,404.90	1/2	1,754.17	1/2	2,103.52	1/2	2,452.87	1/2	2,802.22	1/2	3,151.57	1/2	3,500.92	1/2	3,850.27	1/2	4,199.61	1/2	4,540.84	1/2	4,866.47
3/4	37.82	3/4	369.64	3/4	713.89	3/4	1,062.84	3/4	1,412.17	3/4	1,761.45	3/4	2,110.80	3/4	2,460.15	3/4	2,809.50	3/4	3,158.85	3/4	3,508.20	3/4	3,857.55	3/4	4,206.88	3/4	4,547.78	3/4	4,873.09
1	43.80	1	376.83	1	721.16	1	1,070.12	1	1,419.45	1	1,768.73	1	2,118.08	1	2,467.43	1	2,816.78	1	3,166.13	1	3,515.48	1	3,864.83	1	4,214.14	1	4,554.72	1	4,879.70
1/4	50.22	1/4	384.02	1/4	728.43	1/4	1,077.40	1/4	1,426.73	1/4	1,776.01	1/4	2,125.36	1/4	2,474.71	1/4	2,824.06	1/4	3,173.40	1/4	3,522.75	1/4	3,872.10	1/4	4,221.40	1/4	4,561.65	1/4	4,886.31
1/2	57.08	1/2	391.21	1/2	735.70	1/2	1,084.68	1/2	1,434.01	1/2	1,783.29	1/2	2,132.63	1/2	2,481.98	1/2	2,831.33	1/2	3,180.68	1/2	3,530.03	1/2	3,879.38	1/2	4,228.65	1/2	4,568.57	1/2	4,892.91
3/4	63.99	3/4	398.39	3/4	742.97	3/4	1,091.95	3/4	1,441.28	3/4	1,790.56	3/4	2,139.91	3/4	2,489.26	3/4	2,838.61	3/4	3,187.96	3/4	3,537.31	3/4	3,886.66	3/4	4,235.89	3/4	4,575.49	3/4	4,899.50
2	70.93	2	405.58	2	750.24	2	1,099.23	2	1,448.56	2	1,797.84	2	2,147.19	2	2,496.54	2	2,845.89	2	3,195.24	2	3,544.59	2	3,893.94	2	4,243.12	2	4,582.40	2	4,906.08
1/4	77.89	1/4	412.77	1/4	757.51	1/4	1,106.51	1/4	1,455.84	1/4	1,805.12	1/4	2,154.47	1/4	2,503.82	1/4	2,853.17	1/4	3,202.52	1/4	3,551.87	1/4	3,901.22	1/4	4,250.35	1/4	4,589.30	1/4	4,912.66
1/2	84.86	1/2	419.96	1/2	764.78	1/2	1,113.79	1/2	1,463.12	1/2	1,812.40	1/2	2,161.75	1/2	2,511.10	1/2	2,860.45	1/2	3,209.80	1/2	3,559.14	1/2	3,908.49	1/2	4,257.57	1/2	4,596.20	1/2	4,919.23
3/4	91.85	3/4	427.15	3/4	772.05	3/4	1,121.07	3/4	1,470.40	3/4	1,819.68	3/4	2,169.03	3/4	2,518.37	3/4	2,867.72	3/4	3,217.07	3/4	3,566.42	3/4	3,915.77	3/4	4,264.78	3/4	4,603.09	3/4	4,925.79
3	98.84	3	434.38	3	779.31	3	1,128.34	3	1,477.68	3	1,826.95	3	2,176.30	3	2,525.65	3	2,875.00	3	3,224.35	3	3,573.70	3	3,923.05	3	4,271.99	3	4,609.97	3	4,932.35
1/4	105.84	1/4	441.60	1/4	786.58	1/4	1,135.62	1/4	1,484.95	1/4	1,834.23	1/4	2,183.58	1/4	2,532.93	1/4	2,882.28	1/4	3,231.63	1/4	3,580.98	1/4	3,930.33	1/4	4,279.19	1/4	4,616.84	1/4	4,938.90
1/2	112.84	1/2	448.83	1/2	793.85	1/2	1,142.90	1/2	1,492.23	1/2	1,841.51	1/2	2,190.86	1/2	2,540.21	1/2	2,889.56	1/2	3,238.91	1/2	3,588.26	1/2	3,937.61	1/2	4,286.38	1/2	4,623.71	1/2	4,945.44
3/4	119.80	3/4	456.06	3/4	801.12	3/4	1,150.18	3/4	1,499.51	3/4	1,848.79	3/4	2,198.14	3/4	2,547.49	3/4	2,896.84	3/4	3,246.19	3/4	3,595.53	3/4	3,944.88	3/4	4,293.57	3/4	4,630.57	3/4	4,951.98
4	126.77	4	463.16	4	808.39	4	1,157.45	4	1,506.79	4	1,856.07	4	2,205.42	4	2,554.77	4	2,904.11	4	3,253.46	4	3,602.81	4	3,952.16	4	4,300.75	4	4,637.43	4	4,958.51
1/4	133.74	1/4	470.27	1/4	815.66	1/4	1,164.73	1/4	1,514.07	1/4	1,863.34	1/4	2,212.69	1/4	2,562.04	1/4	2,911.39	1/4	3,260.74	1/4	3,610.09	1/4	3,959.44	1/4	4,307.92	1/4	4,644.28	1/4	4,965.04
1/2	140.72	1/2	477.38	1/2	822.93	1/2	1,172.01	1/2	1,521.34	1/2	1,870.62	1/2	2,219.97	1/2	2,569.32	1/2	2,918.67	1/2	3,268.02	1/2	3,617.37	1/2	3,966.72	1/2	4,315.09	1/2	4,651.12	1/2	4,971.55
3/4	147.70	3/4	484.49	3/4	830.20	3/4	1,179.29	3/4	1,528.62	3/4	1,877.90	3/4	2,227.25	3/4	2,576.60	3/4	2,925.95	3/4	3,275.30	3/4	3,624.65	3/4	3,974.00	3/4	4,322.25	3/4	4,657.95	3/4	4,978.06
5	154.68	5	491.59	5	837.47	5	1,186.57	5	1,535.90	5	1,885.18	5	2,234.53	5	2,583.88	5	2,933.23	5	3,282.58	5	3,631.93	5	3,981.27	5	4,329.40	5	4,664.78	5	4,984.56
1/4	161.66	1/4	498.70	1/4	844.74	1/4	1,193.84	1/4	1,543.18	1/4	1,892.46	1/4	2,241.81	1/4	2,591.16	1/4	2,940.50	1/4	3,289.85	1/4	3,639.20	1/4	3,988.55	1/4	4,336.55	1/4	4,671.60	1/4	4,991.06
1/2	168.65	1/2	505.81	1/2	852.01	1/2	1,201.12	1/2	1,550.46	1/2	1,899.74	1/2	2,249.08	1/2	2,598.43	1/2	2,947.78	1/2	3,297.13	1/2	3,646.48	1/2	3,995.83	1/2	4,343.69	1/2	4,678.42	1/2	4,997.55
3/4	175.64	3/4	512.91	3/4	859.27	3/4	1,208.40	3/4	1,557.73	3/4	1,907.01	3/4	2,256.36	3/4	2,605.71	3/4	2,955.06	3/4	3,304.41	3/4	3,653.76	3/4	4,003.11	3/4	4,350.82	3/4	4,685.22	3/4	5,003.88
6	182.64	6	520.02	6	866.54	6	1,215.68	6	1,565.01	6	1,914.29	6	2,263.64	6	2,612.99	6	2,962.34	6	3,311.69	6	3,661.04	6	4,010.39	6	4,357.95	6	4,692.03	6	5,009.89
1/4	189.63	1/4	527.13	1/4	873.81	1/4	1,222.95	1/4	1,572.28	1/4	1,921.57	1/4	2,270.92	1/4	2,620.27	1/4	2,969.62	1/4	3,318.97	1/4	3,668.32	1/4	4,017.67	1/4	4,365.07	1/4	4,698.82	1/4	5,015.57
1/2	196.63	1/2	534.24	1/2	881.08	1/2	1,230.23	1/2	1,579.56	1/2	1,928.85	1/2	2,278.20	1/2	2,627.55	1/2	2,976.90	1/2	3,326.24	1/2	3,675.59	1/2	4,024.94	1/2	4,372.18	1/2	4,705.61	1/2	5,020.93
3/4	203.68	3/4	541.34	3/4	888.35	3/4	1,237.51	3/4	1,586.83	3/4	1,936.13	3/4	2,285.48	3/4	2,634.82	3/4	2,984.17	3/4	3,333.52	3/4	3,682.87	3/4	4,032.22	3/4	4,379.28	3/4	4,712.39	3/4	5,025.96
7	210.72	7	548.45	7	895.62	7	1,244.79	7	1,594.11	7	1,943.40	7	2,292.75	7	2,642.10	7	2,991.45	7	3,340.80	7	3,690.15	7	4,039.50	7	4,386.38	7	4,719.16	7	5,030.67
1/4	217.77	1/4	555.56	1/4	902.88	1/4	1,252.07	1/4	1,601.38	1/4	1,950.68	1/4	2,300.03	1/4	2,649.38	1/4	2,998.73	1/4	3,348.08	1/4	3,697.43	1/4	4,046.78	1/4	4,393.47	1/4	4,725.93	1/4	5,035.05
1/2	224.82	1/2	562.67	1/2	910.15	1/2	1,259.34	1/2	1,608.66	1/2	1,957.96	1/2	2,307.31	1/2	2,656.66	1/2	3,006.01	1/2	3,355.36	1/2	3,704.71	1/2	4,054.06	1/2	4,400.56	1/2	4,732.69	1/2	5,039.11
3/4	232.07	3/4	569.77	3/4	917.42	3/4	1,266.62	3/4	1,615.94	3/4	1,965.24	3/4	2,314.59	3/4	2,663.94	3/4	3,013.29	3/4	3,362.64	3/4	3,711.98	3/4	4,061.33	3/4	4,407.64	3/4	4,739.44	3/4	5,042.84
8	239.32	8	576.88	8	924.69	8	1,273.90	8	1,623.21	8	1,972.52	8	2,321.87	8	2,671.21	8	3,020.56	8	3,369.91	8	3,719.26	8	4,068.61	8	4,414.71	8	4,746.19	8	5,046.25
1/4	246.57	1/4	583.99	1/4	931.96	1/4	1,281.18	1/4	1,630.49	1/4	1,979.79	1/4	2,329.14	1/4	2,678.49	1/4	3,027.84	1/4	3,377.19	1/4	3,726.54	1/4	4,075.89	1/4	4,421.77	1/4	4,752.93	1/4	5,049.33
1/2	253.82	1/2	591.09	1/2	939.23	1/2	1,288.45	1/2	1,637.76	1/2	1,987.07	1/2	2,336.42	1/2	2,685.77	1/2	3,035.12	1/2	3,384.47	1/2	3,733.82	1/2	4,083.17	1/2	4,428.83	1/2	4,759.66	1/2	5,052.09
3/4	261.06	3/4	598.20	3/4	946.50	3/4	1,295.73	3/4	1,645.04	3/4	1,994.35	3/4	2,343.70	3/4	2,693.05	3/4	3,042.40	3/4	3,391.75	3/4	3,741.10	3/4	4,090.45	3/4	4,435.88	3/4	4,766.39	3/4	5,054.53
9	268.30	9	605.30	9	953.77	9	1,303.01	9	1,652.31	9	2,001.63	9	2,350.98	9	2,700.33	9	3,049.68	9	3,399.03	9	3,748.38	9	4,097.72	9	4,442.93	9	4,773.11	9	5,056.64
1/4	275.54	1/4	612.41	1/4	961.04	1/4	1,310.29	1/4	1,659.59	1/4	2,008.91	1/4	2,358.26	1/4	2,707.61	1/4	3,056.95	1/4	3,406.30	1/4	3,755.65	1/4	4,105.00	1/4	4,449.97	1/4	4,779.82	1/4	5,058.42
1/2	282.77	1/2	619.52	1/2	968.31	1/2	1,317.57	1/2	1,666.86	1/2	2,016.18	1/2	2,365.53	1/2	2,714.88	1/2	3,064.23	1/2	3,413.58	1/2	3,762.93	1/2	4,112.28	1/2	4,457.00	1/2	4,786.53	1/2	5,059.88
3/4	290.01	3/4	626.62	3/4	975.59	3/4	1,324.84	3/4	1,674.14	3/4	2,023.46	3/4	2,372.81	3/4	2,722.16	3/4	3,071.51	3/4	3,420.86	3/4	3,770.21	3/4	4,119.56	3/4	4,464.02	3/4	4,793.23	3/4	5,061.02
10	297.25	10	633.90	10	982.86	10	1,332.12	10	1,681.41	10	2,030.74	10	2,380.09	10	2,729.44	10	3,078.79	10	3,428.14	10	3,777.49	10	4,126.84	10	4,471.04	10	4,799.92	10	5,061.83
1/4	304.49	1/4	641.17	1/4	990.13	1/4	1,339.40	1/4	1,688.69	1/4	2,038.02	1/4	2,387.37	1/4	2,736.72	1/4	3,086.07	1/4	3,435.42	1/4	3,784.77	1/4	4,134.12	1/4	4,478.05	1/4	4,806.61	1/4	5,062.32
1/2	311.73	1/2	648.45	1/2	997.40	1/2	1,346.68	1/2	1,695.96	1/2	2,045.30	1/2	2,394.65	1/2	2,744.00	1/2	3,093.35	1/2	3,442.69	1/2	3,792.04	1/2	4,141.39	1/2	4,485.05	1/2	4,813.28	1/2	5,062.56
3/4	318.97	3/4	655.73	3/4	1,004.67	3/4	1,353.95	3/4	1,703.24	3/4	2,052.58	3/4	2,401.92	3/4	2,751.27	3/4	3,100.62	3/4	3,449.97	3/4	3,799.32	3/4	4,148.67	3/4	4,492.05	3/4	4,819.96	3/4	
11	326.21	11	663.00	11	1,011.94	11	1,361.23	11	1,710.51	11	2,059.85	11	2,409.20	11	2,758.55	11	3,107.90	11	3,457.25	11	3,806.60	11	4,155.95	11	4,499.04	11	4,826.62	11	
1/4	333.45	1/4	670.27	1/4	1,019.21	1/4	1,368.51	1/4	1,717.79	1/4	2,067.13	1/4	2,416.48	1/4	2,765.83	1/4	3,115.18	1/4	3,464.53	1/4	3,813.88	1/4	4,163.23	1/4	4,506.02	1/4	4,833.28	1/4	
1/2	340.69	1/2	677.54	1/2	1,026.49	1/2	1,375.79	1/2	1,725.06	1/2	2,074.41	1/2	2,423.76	1/2	2,773.11	1/2	3,122.46	1/2	3,471.81	1/2	3,821.16	1/2	4,170.51	1/2	4,513.00	1/2	4,839.93	1/2	
3/4	347.92	3/4	684.81	3/4	1,033.76	3/4	1,383.06	3/4	1,732.34	3/4	2,081.69	3/4	2,431.04	3/4	2,780.39	3/4	3,129.74	3/4	3,479.09	3/4	3,828.43	3/4	4,177.78	3/4	4,519.97	3/4	4,846.58	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK - TRIM CORRECTION NOT REQUIRED.
NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL
NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 1185.34233496802 BY: JMF
DATE COMPUTED: 1120.99014843325 BY: WHF
DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

TRIM CORRECTION REQUIRED FOR INNAGES MORE THAN 10' 8"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15' 11 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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	18.30	0	319.91	0	665.34	0	1,014.96	0	1,364.92	0	1,714.81	0	2,064.78	0	2,414.75	0	2,764.72	0	3,114.69	0	3,464.66	0	3,716.25	0	3,877.26	0	4,033.58	0	4,182.71
1/4	21.22	1/4	327.15	1/4	672.62	1/4	1,022.25	1/4	1,372.21	1/4	1,722.11	1/4	2,072.08	1/4	2,422.04	1/4	2,772.01	1/4	3,121.98	1/4	3,471.95	1/4	3,719.60	1/4	3,880.59	1/4	4,036.76	1/4	4,185.74
1/2	24.32	1/2	334.39	1/2	679.91	1/2	1,029.55	1/2	1,379.50	1/2	1,729.40	1/2	2,079.37	1/2	2,429.34	1/2	2,779.30	1/2	3,129.27	1/2	3,479.24	1/2	3,722.96	1/2	3,883.92	1/2	4,039.94	1/2	4,188.77
3/4	27.61	3/4	341.63	3/4	687.19	3/4	1,036.84	3/4	1,386.79	3/4	1,736.69	3/4	2,086.66	3/4	2,436.63	3/4	2,786.60	3/4	3,136.57	3/4	3,486.53	3/4	3,726.32	3/4	3,887.24	3/4	4,043.11	3/4	4,191.79
1	31.09	1	348.87	1	694.47	1	1,044.13	1	1,394.08	1	1,743.98	1	2,093.95	1	2,443.92	1	2,793.89	1	3,143.86	1	3,493.83	1	3,729.67	1	3,890.56	1	4,046.28	1	4,194.81
1/4	34.74	1/4	356.11	1/4	701.75	1/4	1,051.42	1/4	1,401.37	1/4	1,751.27	1/4	2,101.24	1/4	2,451.21	1/4	2,801.18	1/4	3,151.15	1/4	3,501.12	1/4	3,733.03	1/4	3,893.88	1/4	4,049.45	1/4	4,197.83
1/2	38.59	1/2	363.35	1/2	709.04	1/2	1,058.71	1/2	1,408.66	1/2	1,758.56	1/2	2,108.53	1/2	2,458.50	1/2	2,808.47	1/2	3,158.44	1/2	3,508.41	1/2	3,736.39	1/2	3,897.19	1/2	4,052.61	1/2	4,200.85
3/4	42.62	3/4	370.47	3/4	716.32	3/4	1,066.00	3/4	1,415.95	3/4	1,765.85	3/4	2,115.82	3/4	2,465.79	3/4	2,815.76	3/4	3,165.73	3/4	3,515.70	3/4	3,739.74	3/4	3,900.50	3/4	4,055.77	3/4	4,203.86
2	46.78	2	377.59	2	723.60	2	1,073.29	2	1,423.24	2	1,773.14	2	2,123.11	2	2,473.08	2	2,823.05	2	3,173.02	2	3,522.99	2	3,743.10	2	3,903.81	2	4,058.93	2	4,206.87
1/4	51.13	1/4	384.71	1/4	730.88	1/4	1,080.58	1/4	1,430.53	1/4	1,780.43	1/4	2,130.40	1/4	2,480.37	1/4	2,830.34	1/4	3,180.31	1/4	3,530.28	1/4	3,746.45	1/4	3,907.12	1/4	4,062.09	1/4	4,209.87
1/2	55.67	1/2	391.83	1/2	738.17	1/2	1,087.87	1/2	1,437.83	1/2	1,787.72	1/2	2,137.69	1/2	2,487.66	1/2	2,837.63	1/2	3,187.60	1/2	3,537.57	1/2	3,749.81	1/2	3,910.42	1/2	4,065.24	1/2	4,212.88
3/4	60.39	3/4	398.95	3/4	745.45	3/4	1,095.16	3/4	1,445.12	3/4	1,795.02	3/4	2,144.99	3/4	2,494.95	3/4	2,844.92	3/4	3,194.89	3/4	3,544.86	3/4	3,753.17	3/4	3,913.72	3/4	4,068.39	3/4	4,215.87
3	65.29	3	406.07	3	752.73	3	1,102.45	3	1,452.41	3	1,802.31	3	2,152.28	3	2,502.25	3	2,852.22	3	3,202.18	3	3,552.15	3	3,756.52	3	3,917.01	3	4,071.54	3	4,218.87
1/4	70.38	1/4	413.19	1/4	760.01	1/4	1,109.74	1/4	1,459.70	1/4	1,809.60	1/4	2,159.57	1/4	2,509.54	1/4	2,859.51	1/4	3,209.48	1/4	3,559.45	1/4	3,759.88	1/4	3,920.30	1/4	4,074.68	1/4	4,221.86
1/2	75.65	1/2	420.31	1/2	767.29	1/2	1,117.03	1/2	1,466.99	1/2	1,816.89	1/2	2,166.86	1/2	2,516.83	1/2	2,866.80	1/2	3,216.77	1/2	3,566.34	1/2	3,763.24	1/2	3,923.59	1/2	4,077.82	1/2	4,224.78
3/4	81.10	3/4	427.43	3/4	774.57	3/4	1,124.33	3/4	1,474.28	3/4	1,824.18	3/4	2,174.15	3/4	2,524.12	3/4	2,874.09	3/4	3,224.06	3/4	3,573.24	3/4	3,766.59	3/4	3,926.88	3/4	4,080.95	3/4	4,227.55
4	86.74	4	434.55	4	781.85	4	1,131.62	4	1,481.57	4	1,831.47	4	2,181.44	4	2,531.41	4	2,881.38	4	3,231.35	4	3,580.14	4	3,769.95	4	3,930.16	4	4,084.09	4	4,230.17
1/4	92.57	1/4	441.67	1/4	789.13	1/4	1,138.91	1/4	1,488.85	1/4	1,838.76	1/4	2,188.73	1/4	2,538.70	1/4	2,888.67	1/4	3,238.64	1/4	3,587.03	1/4	3,773.31	1/4	3,933.44	1/4	4,087.22	1/4	4,232.64
1/2	98.57	1/2	448.79	1/2	796.41	1/2	1,146.20	1/2	1,496.14	1/2	1,846.05	1/2	2,196.02	1/2	2,545.99	1/2	2,895.96	1/2	3,245.93	1/2	3,593.14	1/2	3,776.66	1/2	3,936.72	1/2	4,090.35	1/2	4,234.96
3/4	104.77	3/4	455.91	3/4	803.70	3/4	1,153.49	3/4	1,503.43	3/4	1,853.34	3/4	2,203.31	3/4	2,553.28	3/4	2,903.25	3/4	3,253.22	3/4	3,599.25	3/4	3,780.02	3/4	3,939.99	3/4	4,093.47	3/4	4,237.13
5	111.19	5	463.03	5	810.98	5	1,160.78	5	1,510.72	5	1,860.64	5	2,210.60	5	2,560.57	5	2,910.54	5	3,260.51	5	3,605.36	5	3,783.38	5	3,943.27	5	4,096.59	5	4,239.16
1/4	117.79	1/4	470.15	1/4	818.26	1/4	1,168.07	1/4	1,518.01	1/4	1,867.93	1/4	2,217.90	1/4	2,567.87	1/4	2,917.83	1/4	3,267.80	1/4	3,611.47	1/4	3,786.73	1/4	3,946.53	1/4	4,099.71	1/4	4,241.03
1/2	124.58	1/2	477.27	1/2	825.54	1/2	1,175.36	1/2	1,525.29	1/2	1,875.22	1/2	2,225.19	1/2	2,575.16	1/2	2,925.13	1/2	3,275.09	1/2	3,616.80	1/2	3,790.09	1/2	3,949.80	1/2	4,102.82	1/2	4,242.75
3/4	131.55	3/4	484.39	3/4	832.82	3/4	1,182.65	3/4	1,532.58	3/4	1,882.51	3/4	2,232.48	3/4	2,582.45	3/4	2,932.42	3/4	3,282.39	3/4	3,622.12	3/4	3,793.45	3/4	3,953.06	3/4	4,105.93	3/4	4,244.32
6	138.82	6	491.51	6	840.11	6	1,189.94	6	1,539.87	6	1,889.80	6	2,239.77	6	2,589.74	6	2,939.71	6	3,289.68	6	3,627.44	6	3,796.80	6	3,956.32	6	4,109.04	6	4,245.74
1/4	146.08	1/4	498.63	1/4	847.39	1/4	1,197.23	1/4	1,547.16	1/4	1,897.09	1/4	2,247.06	1/4	2,597.03	1/4	2,947.00	1/4	3,296.97	1/4	3,632.77	1/4	3,800.16	1/4	3,959.57	1/4	4,112.15	1/4	4,247.02
1/2	153.34	1/2	505.75	1/2	854.67	1/2	1,204.52	1/2	1,554.45	1/2	1,904.38	1/2	2,254.35	1/2	2,604.32	1/2	2,954.29	1/2	3,304.26	1/2	3,637.30	1/2	3,803.52	1/2	3,962.82	1/2	4,115.25	1/2	4,248.14
3/4	160.60	3/4	512.87	3/4	861.95	3/4	1,211.81	3/4	1,561.73	3/4	1,911.67	3/4	2,261.64	3/4	2,611.61	3/4	2,961.58	3/4	3,311.55	3/4	3,641.84	3/4	3,806.87	3/4	3,966.07	3/4	4,118.35	3/4	4,249.11
7	167.85	7	519.99	7	869.24	7	1,219.10	7	1,569.02	7	1,918.96	7	2,268.93	7	2,618.90	7	2,968.87	7	3,318.84	7	3,646.37	7	3,810.23	7	3,969.32	7	4,121.45	7	4,249.93
1/4	175.10	1/4	527.10	1/4	876.52	1/4	1,226.40	1/4	1,576.31	1/4	1,926.25	1/4	2,276.22	1/4	2,626.19	1/4	2,976.16	1/4	3,326.13	1/4	3,650.91	1/4	3,813.58	1/4	3,972.56	1/4	4,124.54	1/4	4,250.61
1/2	182.36	1/2	534.22	1/2	883.81	1/2	1,233.69	1/2	1,583.60	1/2	1,933.55	1/2	2,283.51	1/2	2,633.48	1/2	2,983.45	1/2	3,333.42	1/2	3,654.65	1/2	3,816.94	1/2	3,975.80	1/2	4,127.63	1/2	4,251.13
3/4	189.61	3/4	541.51	3/4	891.09	3/4	1,240.98	3/4	1,590.89	3/4	1,940.84	3/4	2,290.81	3/4	2,640.78	3/4	2,990.74	3/4	3,340.71	3/4	3,658.40	3/4	3,820.30	3/4	3,979.04	3/4	4,130.72	3/4	4,251.51
8	196.86	8	548.80	8	898.38	8	1,248.27	8	1,598.18	8	1,948.13	8	2,298.10	8	2,648.07	8	2,998.04	8	3,348.01	8	3,662.15	8	3,823.65	8	3,982.27	8	4,133.80	8	4,251.73
1/4	204.11	1/4	556.09	1/4	905.66	1/4	1,255.56	1/4	1,605.46	1/4	1,955.42	1/4	2,305.39	1/4	2,655.36	1/4	3,005.33	1/4	3,355.30	1/4	3,665.90	1/4	3,827.01	1/4	3,985.50	1/4	4,136.88	1/4	4,251.84
1/2	211.36	1/2	563.38	1/2	912.94	1/2	1,262.85	1/2	1,612.75	1/2	1,962.71	1/2	2,312.68	1/2	2,662.65	1/2	3,012.62	1/2	3,362.59	1/2	3,669.26	1/2	3,830.37	1/2	3,988.73	1/2	4,139.96	1/2	
3/4	218.62	3/4	570.66	3/4	920.23	3/4	1,270.14	3/4	1,620.04	3/4	1,970.00	3/4	2,319.97	3/4	2,669.94	3/4	3,019.91	3/4	3,369.88	3/4	3,672.61	3/4	3,833.72	3/4	3,991.95	3/4	4,143.03	Trim	Correction
9	225.87	9	577.95	9	927.51	9	1,277.43	9	1,627.33	9	1,977.29	9	2,327.26	9	2,677.23	9	3,027.20	9	3,377.17	9	3,675.97	9	3,837.08	9	3,995.17	9	4,146.10	3"	- 1/8
1/4	233.12	1/4	585.23	1/4	934.80	1/4	1,284.72	1/4	1,634.62	1/4	1,984.58	1/4	2,334.55	1/4	2,684.52	1/4	3,034.49	1/4	3,384.46	1/4	3,679.32	1/4	3,840.44	1/4	3,998.39	1/4	4,149.17	6"	- 1/4
1/2	240.37	1/2	592.51	1/2	942.08	1/2	1,292.01	1/2	1,641.90	1/2	1,991.87	1/2	2,341.84	1/2	2,691.81	1/2	3,041.78	1/2	3,391.75	1/2	3,682.68	1/2	3,843.79	1/2	4,001.60	1/2	4,152.23	9"	- 1/2
3/4	247.62	3/4	599.79	3/4	949.37	3/4	1,299.30	3/4	1,649.20	3/4	1,999.16	3/4	2,349.13	3/4	2,699.10	3/4	3,049.07	3/4	3,399.04	3/4	3,686.04	3/4	3,847.15	3/4	4,004.82	3/4	4,155.30	1' 0"	- 5/8
10	254.87	10	607.08	10	956.65	10	1,306.59	10	1,656.49	10	2,006.46	10	2,356.43	10	2,706.39	10	3,056.36	10	3,406.33	10	3,689.39	10	3,850.51	10	4,008.02	10	4,158.35	1' 3"	- 3/4
1/4	262.13	1/4	614.36	1/4	963.94	1/4	1,313.88	1/4	1,663.78	1/4	2,013.75	1/4	2,363.72	1/4	2,713.69	1/4	3,063.66	1/4	3,413.62	1/4	3,692.75	1/4	3,853.86	1/4	4,011.23	1/4	4,161.41	1' 6"	- 7/8
1/2	269.38	1/2	621.64	1/2	971.22	1/2	1,321.17	1/2	1,671.07	1/2	2,021.04	1/2	2,371.01	1/2	2,720.98	1/2	3,070.95	1/2	3,420.92	1/2	3,696.11	1/2	3,857.21	1/2	4,014.43	1/2	4,164.46	1' 0"	-1
3/4	276.63	3/4	628.93	3/4	978.51	3/4	1,328.46	3/4	1,678.36	3/4	2,028.33	3/4	2,378.30	3/4	2,728.27	3/4	3,078.24	3/4	3,428.21	3/4	3,699.46	3/4	3,860.56	3/4	4,017.63	3/4	4,167.51	2' 0"	-1 1/8
11	291.03	11	636.21	11	985.80	11	1,335.75	11	1,685.65	11	2,035.62	11	2,385.59	11	2,735.56	11	3,085.53	11	3,435.50	11	3,702.82	11	3,863.91	11	4,020.83	11	4,170.56	2' 3"	-1 3/8
1/4	298.23	1/4	643.49	1/4	993.09	1/4	1,343.04	1/4	1,692.94	1/4	2,042.91	1/4	2,392.88	1/4	2,742.85	1/4	3,092.82	1/4	3,442.79	1/4	3,706.18	1/4	3,867.25	1/4	4,024.02	1/4	4,173.60	2' 6"	-1 1/2
1/2	305.43	1/2	650.77	1/2	1,000.38	1/2	1,350.33	1/2	1,700.23	1/2	2,050.20	1/2	2,400.17	1/2	2,750.14	1/2	3,100.11	1/2	3,450.08	1/2	3,709.53	1/2	3,870.59	1/2	4,027.21	1/2	4,176.64	2' 9"	-1 5/8
3/4	312.67	3/4	658.06	3/4	1,007.67	3/4	1,357.62	3/4	1,707.52	3/4	2,057.49	3/4	2,407.46	3/4	2,757.43	3/4	3,107.40	3/4	3,457.37	3/4	3,712.89	3/4	3,873.93	3/4	4,030.40	3/4	4,179.68	3' 0"	-1 3/4

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.

NOTE: GAUGE POINT LOCATED 32' 9" FROM FORWARD BULKHEAD - TRIM CORRECTION FOR STERN TRIM, SUBTRACT FROM INNAGE.

NOTE: FOR INNAGES LESS THAN 10' 8" - TRIM CORRECTION ADD 1/2" PER FOOT OF TRIM

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 8/19/2013 BY: JMF

DATE COMPUTED: 9/06/2013 BY: WHF

DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

TRIM CORRECTION REQUIRED FOR INNAGES MORE THAN 10' 8"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15' 11 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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	21.21	0	326.93	0	672.16	0	1,021.56	0	1,371.29	0	1,720.96	0	2,070.70	0	2,420.44	0	2,770.18	0	3,119.92	0	3,469.66	0	3,717.20	0	3,878.17	0	4,034.32	0	4,183.27
1/4	24.31	1/4	334.16	1/4	679.44	1/4	1,028.85	1/4	1,378.57	1/4	1,728.24	1/4	2,077.98	1/4	2,427.73	1/4	2,777.47	1/4	3,127.21	1/4	3,476.95	1/4	3,720.56	1/4	3,881.49	1/4	4,037.49	1/4	4,186.30
1/2	27.59	1/2	341.40	1/2	686.72	1/2	1,036.13	1/2	1,385.86	1/2	1,735.53	1/2	2,085.27	1/2	2,435.01	1/2	2,784.75	1/2	3,134.49	1/2	3,484.24	1/2	3,723.91	1/2	3,884.82	1/2	4,040.67	1/2	4,189.32
3/4	31.06	3/4	348.63	3/4	693.99	3/4	1,043.42	3/4	1,393.14	3/4	1,742.82	3/4	2,092.56	3/4	2,442.30	3/4	2,792.04	3/4	3,141.78	3/4	3,491.52	3/4	3,727.27	3/4	3,888.14	3/4	4,043.84	3/4	4,192.34
1	34.72	1	355.87	1	701.27	1	1,050.71	1	1,400.43	1	1,750.10	1	2,099.84	1	2,449.58	1	2,799.33	1	3,149.07	1	3,498.81	1	3,730.62	1	3,891.45	1	4,047.00	1	4,195.36
1/4	38.56	1/4	363.10	1/4	708.55	1/4	1,057.99	1/4	1,407.72	1/4	1,757.39	1/4	2,107.13	1/4	2,456.87	1/4	2,806.61	1/4	3,156.35	1/4	3,506.09	1/4	3,733.98	1/4	3,894.77	1/4	4,050.17	1/4	4,198.37
1/2	42.59	1/2	370.22	1/2	715.83	1/2	1,065.28	1/2	1,415.00	1/2	1,764.67	1/2	2,114.42	1/2	2,464.16	1/2	2,813.90	1/2	3,163.64	1/2	3,513.38	1/2	3,737.34	1/2	3,898.08	1/2	4,053.33	1/2	4,201.38
3/4	46.75	3/4	377.33	3/4	723.10	3/4	1,072.56	3/4	1,422.29	3/4	1,771.96	3/4	2,121.70	3/4	2,471.44	3/4	2,821.18	3/4	3,170.93	3/4	3,520.67	3/4	3,740.69	3/4	3,901.39	3/4	4,056.49	3/4	4,204.39
2	51.10	2	384.45	2	730.38	2	1,079.85	2	1,429.58	2	1,779.25	2	2,128.99	2	2,478.73	2	2,828.47	2	3,178.21	2	3,527.95	2	3,744.05	2	3,904.69	2	4,059.64	2	4,207.39
1/4	55.63	1/4	391.56	1/4	737.66	1/4	1,087.14	1/4	1,436.86	1/4	1,786.53	1/4	2,136.27	1/4	2,486.02	1/4	2,835.76	1/4	3,185.50	1/4	3,535.24	1/4	3,747.40	1/4	3,907.99	1/4	4,062.79	1/4	4,210.40
1/2	60.34	1/2	398.68	1/2	744.94	1/2	1,094.42	1/2	1,444.15	1/2	1,793.82	1/2	2,143.56	1/2	2,493.30	1/2	2,843.04	1/2	3,192.78	1/2	3,542.53	1/2	3,750.76	1/2	3,911.29	1/2	4,065.94	1/2	4,213.40
3/4	65.24	3/4	405.79	3/4	752.21	3/4	1,101.71	3/4	1,451.43	3/4	1,801.11	3/4	2,150.85	3/4	2,500.59	3/4	2,850.33	3/4	3,200.07	3/4	3,549.81	3/4	3,754.12	3/4	3,914.59	3/4	4,069.09	3/4	4,216.39
3	70.33	3	412.91	3	759.49	3	1,108.99	3	1,458.72	3	1,808.39	3	2,158.13	3	2,507.87	3	2,857.62	3	3,207.36	3	3,557.10	3	3,757.47	3	3,917.88	3	4,072.23	3	4,219.38
1/4	75.59	1/4	420.02	1/4	766.76	1/4	1,116.28	1/4	1,466.01	1/4	1,815.68	1/4	2,165.42	1/4	2,515.16	1/4	2,864.90	1/4	3,214.64	1/4	3,563.99	1/4	3,760.83	1/4	3,921.17	1/4	4,075.37	1/4	4,222.30
1/2	81.05	1/2	427.14	1/2	774.04	1/2	1,123.57	1/2	1,473.29	1/2	1,822.96	1/2	2,172.71	1/2	2,522.45	1/2	2,872.19	1/2	3,221.93	1/2	3,570.88	1/2	3,764.19	1/2	3,924.45	1/2	4,078.50	1/2	4,225.07
3/4	86.68	3/4	434.25	3/4	781.32	3/4	1,130.85	3/4	1,480.57	3/4	1,830.25	3/4	2,179.99	3/4	2,529.73	3/4	2,879.47	3/4	3,229.22	3/4	3,577.78	3/4	3,767.54	3/4	3,927.74	3/4	4,081.64	3/4	4,227.69
4	92.50	4	441.37	4	788.59	4	1,138.14	4	1,487.86	4	1,837.54	4	2,187.28	4	2,537.02	4	2,886.76	4	3,236.50	4	3,584.67	4	3,770.90	4	3,931.02	4	4,084.77	4	4,230.16
1/4	98.50	1/4	448.48	1/4	795.87	1/4	1,145.42	1/4	1,495.14	1/4	1,844.82	1/4	2,194.56	1/4	2,544.31	1/4	2,894.05	1/4	3,243.79	1/4	3,590.78	1/4	3,774.25	1/4	3,934.29	1/4	4,087.89	1/4	4,232.48
1/2	104.69	1/2	455.60	1/2	803.15	1/2	1,152.71	1/2	1,502.42	1/2	1,852.11	1/2	2,201.85	1/2	2,551.59	1/2	2,901.33	1/2	3,251.07	1/2	3,596.88	1/2	3,777.61	1/2	3,937.57	1/2	4,091.02	1/2	4,234.65
3/4	111.11	3/4	462.71	3/4	810.42	3/4	1,160.00	3/4	1,509.71	3/4	1,859.40	3/4	2,209.14	3/4	2,558.88	3/4	2,908.62	3/4	3,258.36	3/4	3,602.99	3/4	3,780.97	3/4	3,940.84	3/4	4,094.14	3/4	4,236.67
5	117.71	5	469.83	5	817.70	5	1,167.28	5	1,516.99	5	1,866.68	5	2,216.42	5	2,566.16	5	2,915.91	5	3,265.65	5	3,609.10	5	3,784.32	5	3,944.10	5	4,097.25	5	4,238.54
1/4	124.49	1/4	476.94	1/4	824.98	1/4	1,174.57	1/4	1,524.27	1/4	1,873.97	1/4	2,223.71	1/4	2,573.45	1/4	2,923.19	1/4	3,272.93	1/4	3,614.42	1/4	3,787.68	1/4	3,947.37	1/4	4,100.37	1/4	4,240.26
1/2	131.46	1/2	484.06	1/2	832.25	1/2	1,181.85	1/2	1,531.56	1/2	1,881.25	1/2	2,231.00	1/2	2,580.74	1/2	2,930.48	1/2	3,280.22	1/2	3,619.74	1/2	3,791.03	1/2	3,950.63	1/2	4,103.48	1/2	4,241.83
3/4	138.72	3/4	491.17	3/4	839.53	3/4	1,189.14	3/4	1,538.84	3/4	1,888.54	3/4	2,238.28	3/4	2,588.02	3/4	2,937.76	3/4	3,287.51	3/4	3,625.06	3/4	3,794.39	3/4	3,953.89	3/4	4,106.59	3/4	4,243.26
6	145.97	6	498.28	6	846.81	6	1,196.43	6	1,546.12	6	1,895.83	6	2,245.57	6	2,595.31	6	2,945.05	6	3,294.79	6	3,630.38	6	3,797.75	6	3,957.14	6	4,109.69	6	4,244.53
1/4	153.23	1/4	505.40	1/4	854.09	1/4	1,203.71	1/4	1,553.41	1/4	1,903.11	1/4	2,252.85	1/4	2,602.60	1/4	2,952.34	1/4	3,302.08	1/4	3,634.91	1/4	3,801.10	1/4	3,960.39	1/4	4,112.79	1/4	4,245.65
1/2	160.49	1/2	512.51	1/2	861.37	1/2	1,211.00	1/2	1,560.69	1/2	1,910.40	1/2	2,260.14	1/2	2,609.88	1/2	2,959.62	1/2	3,309.37	1/2	3,639.44	1/2	3,804.46	1/2	3,963.64	1/2	4,115.89	1/2	4,246.62
3/4	167.73	3/4	519.63	3/4	868.65	3/4	1,218.28	3/4	1,567.97	3/4	1,917.69	3/4	2,267.43	3/4	2,617.17	3/4	2,966.91	3/4	3,316.65	3/4	3,643.98	3/4	3,807.81	3/4	3,966.89	3/4	4,118.99	3/4	4,247.45
7	174.98	7	526.74	7	875.92	7	1,225.57	7	1,575.26	7	1,924.97	7	2,274.71	7	2,624.45	7	2,974.20	7	3,323.94	7	3,648.51	7	3,811.17	7	3,970.13	7	4,122.08	7	4,248.12
1/4	182.23	1/4	533.85	1/4	883.20	1/4	1,232.86	1/4	1,582.54	1/4	1,932.26	1/4	2,282.00	1/4	2,631.74	1/4	2,981.48	1/4	3,331.22	1/4	3,652.26	1/4	3,814.53	1/4	3,973.37	1/4	4,125.17	1/4	4,248.64
1/2	189.48	1/2	541.14	1/2	890.48	1/2	1,240.14	1/2	1,589.82	1/2	1,939.54	1/2	2,289.29	1/2	2,639.03	1/2	2,988.77	1/2	3,338.51	1/2	3,656.01	1/2	3,817.88	1/2	3,976.60	1/2	4,128.25	1/2	4,249.02
3/4	196.72	3/4	548.42	3/4	897.76	3/4	1,247.43	3/4	1,597.11	3/4	1,946.83	3/4	2,296.57	3/4	2,646.31	3/4	2,996.06	3/4	3,345.80	3/4	3,659.75	3/4	3,821.24	3/4	3,979.84	3/4	4,131.34	3/4	4,249.24
8	203.97	8	555.71	8	905.04	8	1,254.71	8	1,604.39	8	1,954.12	8	2,303.86	8	2,653.60	8	3,003.34	8	3,353.08	8	3,663.50	8	3,824.60	8	3,983.07	8	4,134.42	8	4,249.35
1/4	211.22	1/4	562.99	1/4	912.32	1/4	1,262.00	1/4	1,611.67	1/4	1,961.40	1/4	2,311.14	1/4	2,660.89	1/4	3,010.63	1/4	3,360.37	1/4	3,666.86	1/4	3,827.95	1/4	3,986.29	1/4	4,137.49	1/4	
1/2	218.46	1/2	570.27	1/2	919.60	1/2	1,269.28	1/2	1,618.96	1/2	1,968.69	1/2	2,318.43	1/2	2,668.17	1/2	3,017.91	1/2	3,367.66	1/2	3,670.21	1/2	3,831.31	1/2	3,989.52	1/2	4,140.57	1/2	
3/4	225.71	3/4	577.55	3/4	926.88	3/4	1,276.57	3/4	1,626.24	3/4	1,975.98	3/4	2,325.72	3/4	2,675.46	3/4	3,025.20	3/4	3,374.94	3/4	3,673.57	3/4	3,834.66	3/4	3,992.74	3/4	4,143.64	Trim	Correction
9	232.96	9	584.82	9	934.16	9	1,283.85	9	1,633.52	9	1,983.26	9	2,333.00	9	2,682.75	9	3,032.49	9	3,382.23	9	3,676.93	9	3,838.02	9	3,995.95	9	4,146.71	3"	- 1/8
1/4	240.20	1/4	592.10	1/4	941.44	1/4	1,291.14	1/4	1,640.81	1/4	1,990.55	1/4	2,340.29	1/4	2,690.03	1/4	3,039.77	1/4	3,389.51	1/4	3,680.28	1/4	3,841.38	1/4	3,999.17	1/4	4,149.77	6"	- 1/4
1/2	247.45	1/2	599.38	1/2	948.72	1/2	1,298.43	1/2	1,648.09	1/2	1,997.83	1/2	2,347.58	1/2	2,697.32	1/2	3,047.06	1/2	3,396.80	1/2	3,683.64	1/2	3,844.73	1/2	4,002.38	1/2	4,152.83	9"	- 1/2
3/4	254.70	3/4	606.66	3/4	956.00	3/4	1,305.71	3/4	1,655.38	3/4	2,005.12	3/4	2,354.86	3/4	2,704.60	3/4	3,054.35	3/4	3,404.09	3/4	3,686.99	3/4	3,848.09	3/4	4,005.59	3/4	4,155.89	1' 0"	- 5/8
10	261.94	10	613.94	10	963.28	10	1,313.00	10	1,662.67	10	2,012.41	10	2,362.15	10	2,711.89	10	3,061.63	10	3,411.37	10	3,690.35	10	3,851.44	10	4,008.79	10	4,158.94	1' 3"	- 3/4
1/4	269.19	1/4	621.21	1/4	970.56	1/4	1,320.28	1/4	1,669.95	1/4	2,019.69	1/4	2,369.44	1/4	2,719.18	1/4	3,068.92	1/4	3,418.66	1/4	3,693.71	1/4	3,854.79	1/4	4,011.99	1/4	4,161.99	1' 6"	- 7/8
1/2	276.44	1/2	628.49	1/2	977.85	1/2	1,327.57	1/2	1,677.24	1/2	2,026.98	1/2	2,376.72	1/2	2,726.46	1/2	3,076.20	1/2	3,425.95	1/2	3,697.06	1/2	3,858.14	1/2	4,015.19	1/2	4,165.04	1' 0"	-1
3/4	290.83	3/4	635.77	3/4	985.13	3/4	1,334.86	3/4	1,684.52	3/4	2,034.27	3/4	2,384.01	3/4	2,733.75	3/4	3,083.49	3/4	3,433.23	3/4	3,700.42	3/4	3,861.49	3/4	4,018.39	3/4	4,168.09	2' 0"	-1 1/8
11	298.03	11	643.05	11	992.42	11	1,342.14	11	1,691.81	11	2,041.55	11	2,391.29	11	2,741.04	11	3,090.78	11	3,440.52	11	3,703.77	11	3,864.83	11	4,021.58	11	4,171.13	2' 3"	-1 3/8
1/4	305.22	1/4	650.33	1/4	999.70	1/4	1,349.43	1/4	1,699.10	1/4	2,048.84	1/4	2,398.58	1/4	2,748.32	1/4	3,098.06	1/4	3,447.80	1/4	3,707.13	1/4	3,868.17	1/4	4,024.77	1/4	4,174.17	2' 6"	-1 1/2
1/2	312.46	1/2	657.60	1/2	1,006.99	1/2	1,356.71	1/2	1,706.38	1/2	2,056.13	1/2	2,405.87	1/2	2,755.61	1/2	3,105.35	1/2	3,455.09	1/2	3,710.49	1/2	3,871.51	1/2	4,027.95	1/2	4,177.21	2' 9"	-1 5/8
3/4	319.69	3/4	664.88	3/4	1,014.28	3/4	1,364.00	3/4	1,713.67	3/4	2,063.41	3/4	2,413.15	3/4	2,762.89	3/4	3,112.64	3/4	3,462.38	3/4	3,713.84	3/4	3,874.84	3/4	4,031.14	3/4	4,180.24	3' 0"	-1 3/4

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.

NOTE: GAUGE POINT LOCATED 32' 9" FROM FORWARD BULKHEAD - TRIM CORRECTION FOR STERN TRIM, SUBTRACT FROM INNAGE.

NOTE: FOR INNAGES LESS THAN 10' 8" - TRIM CORRECTION ADD 1/2" PER FOOT OF TRIM

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 8/19/2013 BY: JMF

DATE COMPUTED: 9/06/2013 BY: WHF

DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

1 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16' 1 3/4"

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.	IN	16 FT.
0		0	5,175.41	0	4,833.24	0	4,474.60	0	4,105.80	0	3,736.86	0	3,367.93	0	2,999.00	0	2,630.07	0	2,261.14	0	1,892.21	0	1,523.50	0	1,154.60	0	785.99	0	421.97	0	60.54
1/4		1/4	5,168.45	1/4	4,825.93	1/4	4,466.95	1/4	4,098.11	1/4	3,729.18	1/4	3,360.25	1/4	2,991.32	1/4	2,622.38	1/4	2,253.45	1/4	1,884.52	1/4	1,515.81	1/4	1,146.92	1/4	778.32	1/4	414.36	1/4	53.28
1/2		1/2	5,161.49	1/2	4,818.62	1/2	4,459.30	1/2	4,090.42	1/2	3,721.49	1/2	3,352.56	1/2	2,983.63	1/2	2,614.70	1/2	2,245.77	1/2	1,876.84	1/2	1,508.13	1/2	1,139.23	1/2	770.64	1/2	406.75	1/2	46.48
3/4		3/4	5,154.51	3/4	4,811.31	3/4	4,451.64	3/4	4,082.74	3/4	3,713.81	3/4	3,344.87	3/4	2,975.94	3/4	2,607.01	3/4	2,238.08	3/4	1,869.15	3/4	1,500.44	3/4	1,131.55	3/4	762.96	3/4	399.14	3/4	40.15
1		1	5,147.53	1	4,803.98	1	4,443.97	1	4,075.05	1	3,706.12	1	3,337.19	1	2,968.26	1	2,599.33	1	2,230.40	1	1,861.46	1	1,492.75	1	1,123.86	1	755.28	1	391.52	1	34.29
1/4		1/4	5,140.54	1/4	4,796.65	1/4	4,436.29	1/4	4,067.36	1/4	3,698.43	1/4	3,329.50	1/4	2,960.57	1/4	2,591.64	1/4	2,222.71	1/4	1,853.78	1/4	1,485.07	1/4	1,116.18	1/4	747.60	1/4	383.86	1/4	28.90
1/2		1/2	5,133.54	1/2	4,789.31	1/2	4,428.61	1/2	4,059.68	1/2	3,690.75	1/2	3,321.82	1/2	2,952.89	1/2	2,583.95	1/2	2,215.02	1/2	1,846.09	1/2	1,477.38	1/2	1,108.50	1/2	739.92	1/2	376.20	1/2	23.98
3/4		3/4	5,126.54	3/4	4,781.96	3/4	4,420.92	3/4	4,051.99	3/4	3,683.06	3/4	3,314.13	3/4	2,945.20	3/4	2,576.27	3/4	2,207.34	3/4	1,838.41	3/4	1,469.70	3/4	1,100.82	3/4	732.24	3/4	368.53	3/4	19.53
2		2	5,119.53	2	4,774.61	2	4,413.24	2	4,044.31	2	3,675.38	2	3,306.44	2	2,937.51	2	2,568.58	2	2,199.65	2	1,830.72	2	1,462.01	2	1,093.14	2	724.56	2	360.87	2	
1/4		1/4	5,112.51	1/4	4,767.25	1/4	4,405.55	1/4	4,036.62	1/4	3,667.69	1/4	3,298.76	1/4	2,929.83	1/4	2,560.90	1/4	2,191.96	1/4	1,823.04	1/4	1,454.33	1/4	1,085.46	1/4	716.89	1/4	353.21	1/4	
1/2		1/2	5,105.49	1/2	4,759.88	1/2	4,397.87	1/2	4,028.93	1/2	3,660.00	1/2	3,291.07	1/2	2,922.14	1/2	2,553.21	1/2	2,184.28	1/2	1,815.37	1/2	1,446.64	1/2	1,077.78	1/2	709.21	1/2	345.54	1/2	
3/4		3/4	5,098.45	3/4	4,752.50	3/4	4,390.18	3/4	4,021.25	3/4	3,652.32	3/4	3,283.39	3/4	2,914.46	3/4	2,545.52	3/4	2,176.59	3/4	1,807.69	3/4	1,438.96	3/4	1,070.10	3/4	701.53	3/4	337.88	3/4	
3		3	5,091.41	3	4,745.12	3	4,382.49	3	4,013.56	3	3,644.63	3	3,275.70	3	2,906.77	3	2,537.84	3	2,168.91	3	1,800.01	3	1,431.27	3	1,062.43	3	693.85	3	330.22	3	
1/4	5,347.51	1/4	5,084.37	1/4	4,737.73	1/4	4,374.81	1/4	4,005.88	1/4	3,636.95	1/4	3,268.01	1/4	2,899.08	1/4	2,530.15	1/4	2,161.22	1/4	1,792.33	1/4	1,423.59	1/4	1,054.75	1/4	686.16	1/4	322.56	1/4	
1/2	5,347.32	1/2	5,077.31	1/2	4,730.34	1/2	4,367.12	1/2	3,998.19	1/2	3,629.26	1/2	3,260.33	1/2	2,891.40	1/2	2,522.47	1/2	2,153.53	1/2	1,784.66	1/2	1,415.90	1/2	1,047.07	1/2	678.48	1/2	314.90	1/2	
3/4	5,346.85	3/4	5,070.25	3/4	4,722.93	3/4	4,359.44	3/4	3,990.50	3/4	3,621.57	3/4	3,252.64	3/4	2,883.71	3/4	2,514.78	3/4	2,145.85	3/4	1,776.98	3/4	1,408.22	3/4	1,039.39	3/4	670.79	3/4	307.24	3/4	
4	5,345.99	4	5,063.18	4	4,715.52	4	4,351.75	4	3,982.82	4	3,613.89	4	3,244.96	4	2,876.02	4	2,507.09	4	2,138.16	4	1,769.30	4	1,400.53	4	1,031.71	4	663.11	4	299.57	4	
1/4	5,344.79	1/4	5,056.11	1/4	4,708.10	1/4	4,344.06	1/4	3,975.13	1/4	3,606.20	1/4	3,237.27	1/4	2,868.34	1/4	2,499.41	1/4	2,130.48	1/4	1,761.62	1/4	1,392.84	1/4	1,024.03	1/4	655.60	1/4	291.91	1/4	
1/2	5,343.25	1/2	5,049.03	1/2	4,700.68	1/2	4,336.38	1/2	3,967.45	1/2	3,598.51	1/2	3,229.58	1/2	2,860.65	1/2	2,491.72	1/2	2,122.79	1/2	1,753.95	1/2	1,385.16	1/2	1,016.35	1/2	648.10	1/2	284.25	1/2	
3/4	5,341.37	3/4	5,041.94	3/4	4,693.25	3/4	4,328.69	3/4	3,959.76	3/4	3,590.83	3/4	3,221.90	3/4	2,852.97	3/4	2,484.04	3/4	2,115.10	3/4	1,746.27	3/4	1,377.47	3/4	1,008.67	3/4	640.59	3/4	276.59	3/4	
5	5,339.14	5	5,034.84	5	4,685.81	5	4,321.01	5	3,952.07	5	3,583.14	5	3,214.21	5	2,845.28	5	2,476.35	5	2,107.42	5	1,738.59	5	1,369.79	5	1,000.99	5	633.09	5	268.93	5	
1/4	5,336.57	1/4	5,027.74	1/4	4,678.36	1/4	4,313.32	1/4	3,944.39	1/4	3,575.46	1/4	3,206.53	1/4	2,837.59	1/4	2,468.66	1/4	2,099.73	1/4	1,730.92	1/4	1,362.10	1/4	993.31	1/4	625.58	1/4	261.26	1/4	
1/2	5,333.65	1/2	5,020.63	1/2	4,670.91	1/2	4,305.63	1/2	3,936.70	1/2	3,567.77	1/2	3,198.84	1/2	2,829.91	1/2	2,460.98	1/2	2,092.05	1/2	1,723.24	1/2	1,354.42	1/2	985.63	1/2	618.08	1/2	253.58	1/2	
3/4	5,330.40	3/4	5,013.51	3/4	4,663.44	3/4	4,297.95	3/4	3,929.02	3/4	3,560.08	3/4	3,191.15	3/4	2,822.22	3/4	2,453.29	3/4	2,084.36	3/4	1,715.56	3/4	1,346.73	3/4	977.95	3/4	610.57	3/4	245.91	3/4	
6	5,326.80	6	5,006.38	6	4,655.98	6	4,290.26	6	3,921.33	6	3,552.40	6	3,183.47	6	2,814.54	6	2,445.61	6	2,076.67	6	1,707.88	6	1,339.05	6	970.28	6	603.07	6	238.24	6	
1/4	5,322.85	1/4	4,999.25	1/4	4,648.50	1/4	4,282.57	1/4	3,913.64	1/4	3,544.71	1/4	3,175.78	1/4	2,806.85	1/4	2,437.92	1/4	2,068.99	1/4	1,700.21	1/4	1,331.36	1/4	962.60	1/4	595.56	1/4	230.78	1/4	
1/2	5,318.57	1/2	4,992.11	1/2	4,641.02	1/2	4,274.89	1/2	3,905.96	1/2	3,537.03	1/2	3,168.10	1/2	2,799.16	1/2	2,430.23	1/2	2,061.30	1/2	1,692.53	1/2	1,323.68	1/2	954.92	1/2	588.05	1/2	223.31	1/2	
3/4	5,313.94	3/4	4,984.97	3/4	4,633.53	3/4	4,267.20	3/4	3,898.27	3/4	3,529.34	3/4	3,160.41	3/4	2,791.48	3/4	2,422.55	3/4	2,053.62	3/4	1,684.85	3/4	1,315.99	3/4	947.24	3/4	580.55	3/4	215.85	3/4	
7	5,308.97	7	4,977.81	7	4,626.03	7	4,259.52	7	3,890.59	7	3,521.65	7	3,152.72	7	2,783.79	7	2,414.86	7	2,045.93	7	1,677.17	7	1,308.31	7	939.56	7	573.04	7	208.39	7	
1/4	5,303.66	1/4	4,970.65	1/4	4,618.53	1/4	4,251.83	1/4	3,882.90	1/4	3,513.97	1/4	3,145.04	1/4	2,776.11	1/4	2,407.17	1/4	2,038.24	1/4	1,669.50	1/4	1,300.62	1/4	931.88	1/4	565.53	1/4	200.98	1/4	
1/2	5,298.00	1/2	4,963.48	1/2	4,611.02	1/2	4,244.14	1/2	3,875.21	1/2	3,506.28	1/2	3,137.35	1/2	2,768.42	1/2	2,399.49	1/2	2,030.56	1/2	1,661.82	1/2	1,292.94	1/2	924.21	1/2	558.03	1/2	193.57	1/2	
3/4	5,292.00	3/4	4,956.31	3/4	4,603.50	3/4	4,236.46	3/4	3,867.53	3/4	3,498.60	3/4	3,129.66	3/4	2,760.73	3/4	2,391.80	3/4	2,022.87	3/4	1,654.14	3/4	1,285.25	3/4	916.53	3/4	550.52	3/4	186.16	3/4	
8	5,285.66	8	4,949.13	8	4,595.97	8	4,228.77	8	3,859.84	8	3,490.91	8	3,121.98	8	2,753.05	8	2,384.12	8	2,015.19	8	1,646.47	8	1,277.57	8	908.85	8	543.01	8	178.75	8	
1/4	5,278.97	1/4	4,941.94	1/4	4,588.44	1/4	4,221.09	1/4	3,852.16	1/4	3,483.22	1/4	3,114.29	1/4	2,745.36	1/4	2,376.43	1/4	2,007.50	1/4	1,638.78	1/4	1,269.88	1/4	901.17	1/4	535.51	1/4	171.34	1/4	
1/2	5,272.11	1/2	4,934.74	1/2	4,580.90	1/2	4,213.40	1/2	3,844.47	1/2	3,475.54	1/2	3,106.61	1/2	2,737.68	1/2	2,368.74	1/2	1,999.81	1/2	1,631.09	1/2	1,262.20	1/2	893.49	1/2	528.00	1/2	163.94	1/2	
3/4	5,265.25	3/4	4,927.54	3/4	4,573.36	3/4	4,205.71	3/4	3,836.78	3/4	3,467.85	3/4	3,098.92	3/4	2,729.99	3/4	2,361.06	3/4	1,992.13	3/4	1,623.41	3/4	1,254.51	3/4	885.81	3/4	520.49	3/4	156.54	3/4	
9	5,258.39	9	4,920.33	9	4,565.80	9	4,198.03	9	3,829.10	9	3,460.17	9	3,091.23	9	2,722.30	9	2,353.37	9	1,984.44	9	1,615.72	9	1,246.82	9	878.14	9	512.99	9	149.14	9	
1/4	5,251.51	1/4	4,913.11	1/4	4,558.24	1/4	4,190.34	1/4	3,821.41	1/4	3,452.48	1/4	3,083.55	1/4	2,714.62	1/4	2,345.69	1/4	1,976.76	1/4	1,608.04	1/4	1,239.14	1/4	870.46	1/4	505.48	1/4	141.75	1/4	
1/2	5,244.63	1/2	4,905.88	1/2	4,550.67	1/2	4,182.66	1/2	3,813.72	1/2	3,444.79	1/2	3,075.86	1/2	2,706.93	1/2	2,338.00	1/2	1,969.07	1/2	1,600.35	1/2	1,231.45	1/2	862.78	1/2	497.97	1/2	134.36	1/2	
3/4	5,237.74	3/4	4,898.65	3/4	4,543.10	3/4	4,174.97	3/4	3,806.04	3/4	3,437.11	3/4	3,068.18	3/4	2,699.25	3/4	2,330.31	3/4	1,961.38	3/4	1,592.67	3/4	1,223.77	3/4	855.10	3/4	490.47	3/4	126.98	3/4	
10	5,230.84	10	4,891.41	10	4,535.51	10	4,167.28	10	3,798.35	10	3,429.42	10	3,060.49	10	2,691.56	10	2,322.63	10	1,953.70	10	1,584.98	10	1,216.08	10	847.42	10	482.96	10	119.60	10	
#	5,223.94	1/4	4,884.16	1/4	4,527.92	1/4	4,159.60	1/4	3,790.67	1/4	3,421.74	1/4	3,052.80	1/4	2,683.87	1/4	2,314.94	1/4	1,946.01	1/4	1,577.30	1/4	1,208.40	1/4	839.74	1/4	475.32	1/4	112.18	1/4	
1/2	5,217.03	1/2	4,876.91	1/2	4,520.33	1/2	4,151.91	1/2	3,782.98	1/2	3,414.05	1/2	3,045.12	1/2	2,676.19	1/2	2,307.26	1/2	1,938.32	1/2	1,569.61	1/2	1,200.71	1/2	832.07	1/2	467.69	1/2	104.77	1/2	
3/4	5,210.11	3/4	4,869.65	3/4	4,512.72	3/4	4,144.23	3/4	3,775.29	3/4	3,406.36	3/4	3,037.43	3/4	2,668.50	3/4	2,299.57	3/4	1,930.64	3/4	1,561.92	3/4	1,193.03	3/4	824.39	3/4	460.06	3/4	97.36	3/4	
11	5,203.19	11	4,862.38	11	4,505.11	11	4,136.54	11	3,767.61	11	3,398.68	11	3,029.75	11	2,660.81	11	2,291.88	11	1,922.95	11	1,554.24	11	1,185.34	11	816.71	11	452.42	11	89.97	11	
1/4	5,196.25	1/4	4,855.11	1/4	4,497.50	1/4	4,128.85	1/4	3,759.92	1/4	3,390.99	1/4	3,022.06	1/4	2,653.13	1/4	2,284.20	1/4	1,915.27	1/4	1,546.55	1/4	1,177.66	1/4	809.03	1/4	444.81	1/4	82.59	1/4	
1/2	5,189.31	1/2	4,847.82	1/2	4,489.87	1/2	4,121.17	1/2	3,752.24	1/2	3,383.31	1/2	3,014.37	1/2	2,645.44	1/2	2,276.51	1/2	1,907.58	1/2	1,538.87	1/2	1,169.97	1/2	801.35	1/2	437.20	1/2	75.22	1/2	
3/4	5,182.37	3/4	4,840.53	3/4	4,482.24	3/4	4,113.48	3/4	3,744.55	3/4	3,375.62	3/4	3,006.69	3/4	2,637.76	3/4	2,268.83	3/4	1,899.89	3/4	1,531.18	3/4	1,162.29	3/4	793.67	3/4	429.58	3/4	67.86	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.

NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK - TRIM CORRECTION NOT REQUIRED.

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 8/19/2013 BY: JMF

DATE COMPUTED: 9/06/2013 BY: WHF

DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16' 1 3/4"

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.	IN	16 FT.
0		0	5,175.65	0	4,834.22	0	4,476.32	0	4,107.96	0	3,739.43	0	3,370.90	0	3,002.37	0	2,633.84	0	2,265.31	0	1,896.77	0	1,528.31	0	1,159.80	0	791.62	0	428.02	0	67.50
1/4		1/4	5,168.71	1/4	4,826.93	1/4	4,468.69	1/4	4,100.28	1/4	3,731.75	1/4	3,363.22	1/4	2,994.69	1/4	2,626.16	1/4	2,257.63	1/4	1,889.10	1/4	1,520.64	1/4	1,152.12	1/4	783.95	1/4	420.43	1/4	60.20
1/2		1/2	5,161.76	1/2	4,819.63	1/2	4,461.05	1/2	4,092.61	1/2	3,724.07	1/2	3,355.54	1/2	2,987.01	1/2	2,618.48	1/2	2,249.95	1/2	1,881.42	1/2	1,512.96	1/2	1,144.45	1/2	776.28	1/2	412.84	1/2	52.96
3/4		3/4	5,154.80	3/4	4,812.33	3/4	4,453.40	3/4	4,084.93	3/4	3,716.40	3/4	3,347.87	3/4	2,979.33	3/4	2,610.80	3/4	2,242.27	3/4	1,873.74	3/4	1,505.28	3/4	1,136.77	3/4	768.61	3/4	405.25	3/4	46.19
1		1	5,147.83	1	4,805.02	1	4,445.75	1	4,077.25	1	3,708.72	1	3,340.19	1	2,971.66	1	2,603.13	1	2,234.59	1	1,866.06	1	1,497.60	1	1,129.09	1	760.94	1	397.66	1	39.88
1/4		1/4	5,140.86	1/4	4,797.70	1/4	4,438.09	1/4	4,069.57	1/4	3,701.04	1/4	3,332.51	1/4	2,963.98	1/4	2,595.45	1/4	2,226.92	1/4	1,858.39	1/4	1,489.93	1/4	1,121.41	1/4	753.28	1/4	390.08	1/4	34.05
1/2		1/2	5,133.88	1/2	4,790.38	1/2	4,430.42	1/2	4,061.89	1/2	3,693.36	1/2	3,324.83	1/2	2,956.30	1/2	2,587.77	1/2	2,219.24	1/2	1,850.71	1/2	1,482.25	1/2	1,113.74	1/2	745.61	1/2	382.44	1/2	28.68
3/4		3/4	5,126.89	3/4	4,783.05	3/4	4,422.75	3/4	4,054.22	3/4	3,685.69	3/4	3,317.15	3/4	2,948.62	3/4	2,580.09	3/4	2,211.56	3/4	1,843.03	3/4	1,474.57	3/4	1,106.07	3/4	737.94	3/4	374.80	3/4	23.79
2		2	5,119.89	2	4,775.71	2	4,415.07	2	4,046.54	2	3,678.01	2	3,309.48	2	2,940.95	2	2,572.41	2	2,203.88	2	1,835.35	2	1,466.90	2	1,098.40	2	730.27	2	367.16	2	
1/4		1/4	5,112.89	1/4	4,768.36	1/4	4,407.39	1/4	4,038.86	1/4	3,670.33	1/4	3,301.80	1/4	2,933.27	1/4	2,564.74	1/4	2,196.21	1/4	1,827.67	1/4	1,459.22	1/4	1,090.73	1/4	722.60	1/4	359.52	1/4	
1/2		1/2	5,105.88	1/2	4,761.01	1/2	4,399.71	1/2	4,031.18	1/2	3,662.65	1/2	3,294.12	1/2	2,925.59	1/2	2,557.06	1/2	2,188.53	1/2	1,820.00	1/2	1,451.54	1/2	1,083.06	1/2	714.93	1/2	351.88	1/2	
3/4		3/4	5,098.86	3/4	4,753.65	3/4	4,392.04	3/4	4,023.51	3/4	3,654.97	3/4	3,286.44	3/4	2,917.91	3/4	2,549.38	3/4	2,180.85	3/4	1,812.33	3/4	1,443.86	3/4	1,075.39	3/4	707.26	3/4	344.24	3/4	
3		3	5,091.84	3	4,746.29	3	4,384.36	3	4,015.83	3	3,647.30	3	3,278.77	3	2,910.23	3	2,541.70	3	2,173.17	3	1,804.65	3	1,436.19	3	1,067.72	3	699.59	3	336.61	3	
1/4		1/4	5,084.81	1/4	4,738.91	1/4	4,376.68	1/4	4,008.15	1/4	3,639.62	1/4	3,271.09	1/4	2,902.56	1/4	2,534.03	1/4	2,165.49	1/4	1,796.98	1/4	1,428.51	1/4	1,060.04	1/4	691.92	1/4	328.97	1/4	
1/2	5,340.61	1/2	5,077.77	1/2	4,731.53	1/2	4,369.00	1/2	4,000.47	1/2	3,631.94	1/2	3,263.41	1/2	2,894.88	1/2	2,526.35	1/2	2,157.82	1/2	1,789.30	1/2	1,420.83	1/2	1,052.37	1/2	684.24	1/2	321.33	1/2	
3/4	5,340.42	3/4	5,070.72	3/4	4,724.14	3/4	4,361.33	3/4	3,992.80	3/4	3,624.26	3/4	3,255.73	3/4	2,887.20	3/4	2,518.67	3/4	2,150.14	3/4	1,781.63	3/4	1,413.16	3/4	1,044.70	3/4	676.57	3/4	313.69	3/4	
4	5,339.95	4	5,063.67	4	4,716.75	4	4,353.65	4	3,985.12	4	3,616.59	4	3,248.06	4	2,879.52	4	2,510.99	4	2,142.46	4	1,773.95	4	1,405.48	4	1,037.03	4	668.89	4	306.05	4	
1/4	5,339.09	1/4	5,056.61	1/4	4,709.34	1/4	4,345.97	1/4	3,977.44	1/4	3,608.91	1/4	3,240.38	1/4	2,871.85	1/4	2,503.32	1/4	2,134.78	1/4	1,766.28	1/4	1,397.80	1/4	1,029.36	1/4	661.22	1/4	298.41	1/4	
1/2	5,337.89	1/2	5,049.54	1/2	4,701.93	1/2	4,338.29	1/2	3,969.76	1/2	3,601.23	1/2	3,232.70	1/2	2,864.17	1/2	2,495.64	1/2	2,127.11	1/2	1,758.60	1/2	1,390.12	1/2	1,021.69	1/2	653.72	1/2	290.77	1/2	
3/4	5,336.35	3/4	5,042.47	3/4	4,694.52	3/4	4,330.62	3/4	3,962.08	3/4	3,593.55	3/4	3,225.02	3/4	2,856.49	3/4	2,487.96	3/4	2,119.43	3/4	1,750.93	3/4	1,382.45	3/4	1,014.02	3/4	646.22	3/4	283.14	3/4	
5	5,334.47	5	5,035.39	5	4,687.09	5	4,322.94	5	3,954.41	5	3,585.88	5	3,217.34	5	2,848.81	5	2,480.28	5	2,111.75	5	1,743.25	5	1,374.77	5	1,006.35	5	638.73	5	275.50	5	
1/4	5,332.24	1/4	5,028.30	1/4	4,679.66	1/4	4,315.26	1/4	3,946.73	1/4	3,578.20	1/4	3,209.67	1/4	2,841.14	1/4	2,472.60	1/4	2,104.07	1/4	1,735.58	1/4	1,367.09	1/4	998.68	1/4	631.23	1/4	267.86	1/4	
1/2	5,329.67	1/2	5,021.21	1/2	4,672.22	1/2	4,307.58	1/2	3,939.05	1/2	3,570.52	1/2	3,201.99	1/2	2,833.46	1/2	2,464.93	1/2	2,096.40	1/2	1,727.90	1/2	1,359.41	1/2	991.01	1/2	623.73	1/2	260.21	1/2	
3/4	5,326.76	3/4	5,014.10	3/4	4,664.78	3/4	4,299.90	3/4	3,931.37	3/4	3,562.84	3/4	3,194.31	3/4	2,825.78	3/4	2,457.25	3/4	2,088.72	3/4	1,720.23	3/4	1,351.74	3/4	983.34	3/4	616.24	3/4	252.56	3/4	
6	5,323.51	6	5,006.99	6	4,657.32	6	4,292.23	6	3,923.70	6	3,555.16	6	3,186.63	6	2,818.10	6	2,449.57	6	2,081.04	6	1,712.55	6	1,344.06	6	975.67	6	608.74	6	244.91	6	
1/4	5,319.91	1/4	4,999.88	1/4	4,649.86	1/4	4,284.55	1/4	3,916.02	1/4	3,547.49	1/4	3,178.96	1/4	2,810.42	1/4	2,441.89	1/4	2,073.36	1/4	1,704.88	1/4	1,336.38	1/4	968.00	1/4	601.25	1/4	237.27	1/4	
1/2	5,315.98	1/2	4,992.75	1/2	4,642.40	1/2	4,276.87	1/2	3,908.34	1/2	3,539.81	1/2	3,171.28	1/2	2,802.75	1/2	2,434.22	1/2	2,065.68	1/2	1,697.20	1/2	1,328.70	1/2	960.33	1/2	593.75	1/2	229.83	1/2	
3/4	5,311.70	3/4	4,985.62	3/4	4,634.92	3/4	4,269.19	3/4	3,900.66	3/4	3,532.13	3/4	3,163.60	3/4	2,795.07	3/4	2,426.54	3/4	2,058.01	3/4	1,689.53	3/4	1,321.03	3/4	952.66	3/4	586.25	3/4	222.39	3/4	
7	5,307.07	7	4,978.48	7	4,627.44	7	4,261.52	7	3,892.98	7	3,524.45	7	3,155.92	7	2,787.39	7	2,418.86	7	2,050.33	7	1,681.85	7	1,313.35	7	945.00	7	578.75	7	214.95	7	
1/4	5,302.11	1/4	4,971.34	1/4	4,619.95	1/4	4,253.84	1/4	3,885.31	1/4	3,516.78	1/4	3,148.24	1/4	2,779.71	1/4	2,411.18	1/4	2,042.65	1/4	1,674.18	1/4	1,305.67	1/4	937.33	1/4	571.26	1/4	207.51	1/4	
1/2	5,296.80	1/2	4,964.19	1/2	4,612.46	1/2	4,246.16	1/2	3,877.63	1/2	3,509.10	1/2	3,140.57	1/2	2,772.04	1/2	2,403.50	1/2	2,034.97	1/2	1,666.50	1/2	1,297.99	1/2	929.66	1/2	563.76	1/2	200.12	1/2	
3/4	5,291.15	3/4	4,957.03	3/4	4,604.96	3/4	4,238.48	3/4	3,869.95	3/4	3,501.42	3/4	3,132.89	3/4	2,764.36	3/4	2,395.83	3/4	2,027.30	3/4	1,658.83	3/4	1,290.32	3/4	921.99	3/4	556.26	3/4	192.74	3/4	
8	5,285.16	8	4,949.86	8	4,597.45	8	4,230.80	8	3,862.27	8	3,493.74	8	3,125.21	8	2,756.68	8	2,388.15	8	2,019.62	8	1,651.15	8	1,282.64	8	914.32	8	548.76	8	185.36	8	
1/4	5,278.82	1/4	4,942.68	1/4	4,589.93	1/4	4,223.13	1/4	3,854.60	1/4	3,486.06	1/4	3,117.53	1/4	2,749.00	1/4	2,380.47	1/4	2,011.94	1/4	1,643.48	1/4	1,274.96	1/4	906.66	1/4	541.27	1/4	177.97	1/4	
1/2	5,272.14	1/2	4,935.50	1/2	4,582.41	1/2	4,215.45	1/2	3,846.92	1/2	3,478.39	1/2	3,109.86	1/2	2,741.32	1/2	2,372.79	1/2	2,004.26	1/2	1,635.80	1/2	1,267.28	1/2	898.99	1/2	533.77	1/2	170.60	1/2	
3/4	5,265.29	3/4	4,928.32	3/4	4,574.87	3/4	4,207.77	3/4	3,839.24	3/4	3,470.71	3/4	3,102.18	3/4	2,733.65	3/4	2,365.12	3/4	1,996.58	3/4	1,628.12	3/4	1,259.61	3/4	891.32	3/4	526.27	3/4	163.22	3/4	
9	5,258.44	9	4,921.12	9	4,567.34	9	4,200.09	9	3,831.56	9	3,463.03	9	3,094.50	9	2,725.97	9	2,357.44	9	1,988.91	9	1,620.45	9	1,251.93	9	883.65	9	518.77	9	155.85	9	
1/4	5,251.58	1/4	4,913.92	1/4	4,559.79	1/4	4,192.42	1/4	3,823.89	1/4	3,455.35	1/4	3,086.82	1/4	2,718.29	1/4	2,349.76	1/4	1,981.23	1/4	1,612.77	1/4	1,244.25	1/4	875.99	1/4	511.28	1/4	148.48	1/4	
1/2	5,244.72	1/2	4,906.71	1/2	4,552.24	1/2	4,184.74	1/2	3,816.21	1/2	3,447.68	1/2	3,079.15	1/2	2,710.61	1/2	2,342.08	1/2	1,973.55	1/2	1,605.09	1/2	1,236.58	1/2	868.32	1/2	503.78	1/2	141.12	1/2	
3/4	5,237.84	3/4	4,899.49	3/4	4,544.68	3/4	4,177.06	3/4	3,808.53	3/4	3,440.00	3/4	3,071.47	3/4	2,702.94	3/4	2,334.41	3/4	1,965.87	3/4	1,597.41	3/4	1,228.90	3/4	860.65	3/4	496.28	3/4	133.76	3/4	
10	5,230.96	10	4,892.27	10	4,537.11	10	4,169.38	10	3,800.85	10	3,432.32	10	3,063.79	10	2,695.26	10	2,326.73	10	1,958.20	10	1,589.74	10	1,221.22	10	852.98	10	488.78	10	126.40	10	
1/4	5,224.07	1/4	4,885.04	1/4	4,529.54	1/4	4,161.71	1/4	3,793.17	1/4	3,424.64	1/4	3,056.11	1/4	2,687.58	1/4	2,319.05	1/4	1,950.52	1/4	1,582.06	1/4	1,213.54	1/4	845.31	1/4	481.29	1/4	119.05	1/4	
1/2	5,217.18	1/2	4,877.80	1/2	4,521.95	1/2	4,154.03	1/2	3,785.50	1/2	3,416.97	1/2	3,048.43	1/2	2,679.90	1/2	2,311.37	1/2	1,942.84	1/2	1,574.38	1/2	1,205.87	1/2	837.64	1/2	473.66	1/2	111.66	1/2	
3/4	5,210.27	3/4	4,870.55	3/4	4,514.37	3/4	4,146.35	3/4	3,777.82	3/4	3,409.29	3/4	3,040.76	3/4	2,672.23	3/4	2,303.69	3/4	1,935.16	3/4	1,566.70	3/4	1,198.19	3/4	829.97	3/4	466.03	3/4	104.27	3/4	
11	5,203.37	11	4,863.30	11	4,506.77	11	4,138.67	11	3,770.14	11	3,401.61	11	3,033.08	11	2,664.55	11	2,296.02	11	1,927.49	11	1,559.02	11	1,190.51	11	822.30	11	458.41	11	96.90	11	
1/4	5,196.45	1/4	4,856.04	1/4	4,499.17	1/4	4,130.99	1/4	3,762.46	1/4	3,393.93	1/4	3,025.40	1/4	2,656.87	1/4	2,288.34	1/4	1,919.81	1/4	1,551.35	1/4	1,182.83	1/4	814.63	1/4	450.78	1/4	89.53	1/4	
1/2	5,189.52	1/2	4,848.77	1/2	4,491.56	1/2	4,123.32	1/2	3,754.79	1/2	3,386.25	1/2	3,017.72	1/2	2,649.19	1/2	2,280.66	1/2	1,912.13	1/2	1,543.67	1/2	1,175.16	1/2	806.96	1/2	443.19	1/2	82.17	1/2	
3/4	5,182.59	3/4	4,841.50	3/4	4,483.94	3/4	4,115.64	3/4	3,747.11	3/4	3,378.58	3/4	3,010.05	3/4	2,641.51	3/4	2,272.98	3/4	1,904.45	3/4	1,535.99	3/4	1,167.48	3/4	799.29	3/4	435.60	3/4	74.82	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.

NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK - TRIM CORRECTION NOT REQUIRED.

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

DATE STRAPPED: 8/19/2013 BY: JMF

DATE COMPUTED: 9/06/2013 BY: WHF

DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16' 1 1/2"

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.	IN	16 FT.
0		0	4,899.17	0	4,575.19	0	4,235.61	0	3,886.40	0	3,537.08	0	3,187.75	0	2,838.42	0	2,489.10	0	2,139.77	0	1,790.44	0	1,441.19	0	1,091.88	0	742.92	0	398.37	0	57.08
1/4		1/4	4,892.58	1/4	4,568.27	1/4	4,228.37	1/4	3,879.13	1/4	3,529.80	1/4	3,180.47	1/4	2,831.15	1/4	2,481.82	1/4	2,132.49	1/4	1,783.17	1/4	1,433.91	1/4	1,084.60	1/4	735.65	1/4	391.18	1/4	50.21
1/2		1/2	4,885.98	1/2	4,561.35	1/2	4,221.12	1/2	3,871.85	1/2	3,522.52	1/2	3,173.20	1/2	2,823.87	1/2	2,474.54	1/2	2,125.22	1/2	1,775.89	1/2	1,426.63	1/2	1,077.33	1/2	728.38	1/2	383.99	1/2	43.79
3/4		3/4	4,879.38	3/4	4,554.42	3/4	4,213.87	3/4	3,864.57	3/4	3,515.24	3/4	3,165.92	3/4	2,816.59	3/4	2,467.26	3/4	2,117.94	3/4	1,768.61	3/4	1,419.36	3/4	1,070.05	3/4	721.11	3/4	376.80	3/4	37.82
1		1	4,872.77	1	4,547.48	1	4,206.61	1	3,857.29	1	3,507.97	1	3,158.64	1	2,809.31	1	2,459.99	1	2,110.66	1	1,761.33	1	1,412.08	1	1,062.77	1	713.84	1	369.62	1	32.29
1/4		1/4	4,866.15	1/4	4,540.54	1/4	4,199.34	1/4	3,850.02	1/4	3,500.69	1/4	3,151.36	1/4	2,802.04	1/4	2,452.71	1/4	2,103.38	1/4	1,754.06	1/4	1,404.80	1/4	1,055.50	1/4	706.57	1/4	362.38	1/4	27.20
1/2		1/2	4,859.52	1/2	4,533.59	1/2	4,192.06	1/2	3,842.74	1/2	3,493.41	1/2	3,144.08	1/2	2,794.76	1/2	2,445.43	1/2	2,096.11	1/2	1,746.78	1/2	1,397.53	1/2	1,048.23	1/2	699.30	1/2	355.14	1/2	22.56
3/4		3/4	4,852.89	3/4	4,526.64	3/4	4,184.79	3/4	3,835.46	3/4	3,486.13	3/4	3,136.81	3/4	2,787.48	3/4	2,438.15	3/4	2,088.83	3/4	1,739.50	3/4	1,390.25	3/4	1,040.96	3/4	692.03	3/4	347.90	3/4	
2		2	4,846.26	2	4,519.67	2	4,177.51	2	3,828.18	2	3,478.86	2	3,129.53	2	2,780.20	2	2,430.88	2	2,081.55	2	1,732.22	2	1,382.97	2	1,033.69	2	684.76	2	340.66	2	
1/4		1/4	4,839.61	1/4	4,512.70	1/4	4,170.23	1/4	3,820.90	1/4	3,471.58	1/4	3,122.25	1/4	2,772.93	1/4	2,423.60	1/4	2,074.27	1/4	1,724.95	1/4	1,375.69	1/4	1,026.42	1/4	677.49	1/4	333.42	1/4	
1/2		1/2	4,832.96	1/2	4,505.73	1/2	4,162.95	1/2	3,813.63	1/2	3,464.30	1/2	3,114.97	1/2	2,765.65	1/2	2,416.32	1/2	2,066.99	1/2	1,717.67	1/2	1,368.42	1/2	1,019.15	1/2	670.22	1/2	326.19	1/2	
3/4		3/4	4,826.30	3/4	4,498.74	3/4	4,155.68	3/4	3,806.35	3/4	3,457.02	3/4	3,107.70	3/4	2,758.37	3/4	2,409.04	3/4	2,059.72	3/4	1,710.40	3/4	1,361.14	3/4	1,011.87	3/4	662.95	3/4	318.95	3/4	
3		3	4,819.64	3	4,491.75	3	4,148.40	3	3,799.07	3	3,449.75	3	3,100.42	3	2,751.09	3	2,401.77	3	2,052.44	3	1,703.12	3	1,353.86	3	1,004.60	3	655.68	3	311.71	3	
1/4	5,062.22	1/4	4,812.96	1/4	4,484.76	1/4	4,141.12	1/4	3,791.79	1/4	3,442.47	1/4	3,093.14	1/4	2,743.81	1/4	2,394.49	1/4	2,045.16	1/4	1,695.85	1/4	1,346.59	1/4	997.33	1/4	648.41	1/4	304.47	1/4	
1/2	5,061.98	1/2	4,806.29	1/2	4,477.75	1/2	4,133.84	1/2	3,784.52	1/2	3,435.19	1/2	3,085.86	1/2	2,736.54	1/2	2,387.21	1/2	2,037.88	1/2	1,688.58	1/2	1,339.31	1/2	990.06	1/2	641.13	1/2	297.23	1/2	
3/4	5,061.49	3/4	4,799.60	3/4	4,470.74	3/4	4,126.57	3/4	3,777.24	3/4	3,427.91	3/4	3,078.59	3/4	2,729.26	3/4	2,379.93	3/4	2,030.61	3/4	1,681.30	3/4	1,332.03	3/4	982.79	3/4	633.86	3/4	289.99	3/4	
4	5,060.68	4	4,792.91	4	4,463.73	4	4,119.29	4	3,769.96	4	3,420.63	4	3,071.31	4	2,721.98	4	2,372.66	4	2,023.33	4	1,674.03	4	1,324.76	4	975.52	4	626.58	4	282.76	4	
1/4	5,059.54	1/4	4,786.21	1/4	4,456.70	1/4	4,112.01	1/4	3,762.68	1/4	3,413.36	1/4	3,064.03	1/4	2,714.70	1/4	2,365.38	1/4	2,016.05	1/4	1,666.75	1/4	1,317.48	1/4	968.25	1/4	619.47	1/4	275.52	1/4	
1/2	5,058.08	1/2	4,779.50	1/2	4,449.67	1/2	4,104.73	1/2	3,755.41	1/2	3,406.08	1/2	3,056.75	1/2	2,707.43	1/2	2,358.10	1/2	2,008.77	1/2	1,659.48	1/2	1,310.20	1/2	960.98	1/2	612.37	1/2	268.28	1/2	
3/4	5,056.30	3/4	4,772.79	3/4	4,442.64	3/4	4,097.45	3/4	3,748.13	3/4	3,398.80	3/4	3,049.48	3/4	2,700.15	3/4	2,350.82	3/4	2,001.50	3/4	1,652.20	3/4	1,302.92	3/4	953.71	3/4	605.26	3/4	261.04	3/4	
5	5,054.19	5	4,766.07	5	4,435.59	5	4,090.18	5	3,740.85	5	3,391.52	5	3,042.20	5	2,692.87	5	2,343.54	5	1,994.22	5	1,644.93	5	1,295.65	5	946.44	5	598.16	5	253.80	5	
1/4	5,051.75	1/4	4,759.35	1/4	4,428.54	1/4	4,082.90	1/4	3,733.57	1/4	3,384.25	1/4	3,034.92	1/4	2,685.59	1/4	2,336.27	1/4	1,986.94	1/4	1,637.65	1/4	1,288.37	1/4	939.17	1/4	591.05	1/4	246.55	1/4	
1/2	5,049.00	1/2	4,752.61	1/2	4,421.48	1/2	4,075.62	1/2	3,726.30	1/2	3,376.97	1/2	3,027.64	1/2	2,678.32	1/2	2,328.99	1/2	1,979.66	1/2	1,630.38	1/2	1,281.09	1/2	931.90	1/2	583.95	1/2	239.30	1/2	
3/4	5,045.91	3/4	4,745.87	3/4	4,414.42	3/4	4,068.34	3/4	3,719.02	3/4	3,369.69	3/4	3,020.36	3/4	2,671.04	3/4	2,321.71	3/4	1,972.39	3/4	1,623.10	3/4	1,273.81	3/4	924.63	3/4	576.84	3/4	232.06	3/4	
6	5,042.50	6	4,739.13	6	4,407.35	6	4,061.07	6	3,711.74	6	3,362.41	6	3,013.09	6	2,663.76	6	2,314.43	6	1,965.11	6	1,615.83	6	1,266.54	6	917.36	6	569.73	6	224.81	6	
1/4	5,038.77	1/4	4,732.37	1/4	4,400.27	1/4	4,053.79	1/4	3,704.46	1/4	3,355.14	1/4	3,005.81	1/4	2,656.48	1/4	2,307.16	1/4	1,957.83	1/4	1,608.55	1/4	1,259.26	1/4	910.09	1/4	562.63	1/4	217.76	1/4	
1/2	5,034.71	1/2	4,725.62	1/2	4,393.18	1/2	4,046.51	1/2	3,697.19	1/2	3,347.86	1/2	2,998.53	1/2	2,649.21	1/2	2,299.88	1/2	1,950.55	1/2	1,601.28	1/2	1,251.98	1/2	902.82	1/2	555.52	1/2	210.71	1/2	
3/4	5,030.33	3/4	4,718.85	3/4	4,386.09	3/4	4,039.23	3/4	3,689.91	3/4	3,340.58	3/4	2,991.25	3/4	2,641.93	3/4	2,292.60	3/4	1,943.28	3/4	1,594.00	3/4	1,244.70	3/4	895.56	3/4	548.41	3/4	203.66	3/4	
7	5,025.62	7	4,712.08	7	4,378.99	7	4,031.96	7	3,682.63	7	3,333.30	7	2,983.98	7	2,634.65	7	2,285.32	7	1,936.00	7	1,586.73	7	1,237.43	7	888.29	7	541.31	7	196.61	7	
1/4	5,020.59	1/4	4,705.30	1/4	4,371.89	1/4	4,024.68	1/4	3,675.35	1/4	3,326.03	1/4	2,976.70	1/4	2,627.37	1/4	2,278.05	1/4	1,928.72	1/4	1,579.45	1/4	1,230.15	1/4	881.02	1/4	534.20	1/4	189.62	1/4	
1/2	5,015.24	1/2	4,698.51	1/2	4,364.78	1/2	4,017.40	1/2	3,668.07	1/2	3,318.75	1/2	2,969.42	1/2	2,620.10	1/2	2,270.77	1/2	1,921.44	1/2	1,572.18	1/2	1,222.87	1/2	873.75	1/2	527.09	1/2	182.62	1/2	
3/4	5,009.55	3/4	4,691.71	3/4	4,357.66	3/4	4,010.12	3/4	3,660.80	3/4	3,311.47	3/4	2,962.14	3/4	2,612.82	3/4	2,263.49	3/4	1,914.16	3/4	1,564.90	3/4	1,215.60	3/4	866.48	3/4	519.99	3/4	175.63	3/4	
8	5,003.55	8	4,684.91	8	4,350.53	8	4,002.85	8	3,653.52	8	3,304.19	8	2,954.87	8	2,605.54	8	2,256.21	8	1,906.89	8	1,557.63	8	1,208.32	8	859.22	8	512.88	8	168.64	8	
1/4	4,997.22	1/4	4,678.11	1/4	4,343.40	1/4	3,995.57	1/4	3,646.24	1/4	3,296.92	1/4	2,947.59	1/4	2,598.26	1/4	2,248.94	1/4	1,899.61	1/4	1,550.35	1/4	1,201.04	1/4	851.95	1/4	505.77	1/4	161.65	1/4	
1/2	4,990.73	1/2	4,671.29	1/2	4,336.26	1/2	3,988.29	1/2	3,638.96	1/2	3,289.64	1/2	2,940.31	1/2	2,590.98	1/2	2,241.66	1/2	1,892.33	1/2	1,543.08	1/2	1,193.76	1/2	844.68	1/2	498.67	1/2	154.67	1/2	
3/4	4,984.23	3/4	4,664.47	3/4	4,329.12	3/4	3,981.01	3/4	3,631.69	3/4	3,282.36	3/4	2,933.03	3/4	2,583.71	3/4	2,234.38	3/4	1,885.05	3/4	1,535.80	3/4	1,186.49	3/4	837.41	3/4	491.56	3/4	147.69	3/4	
9	4,977.73	9	4,657.64	9	4,321.96	9	3,973.74	9	3,624.41	9	3,275.08	9	2,925.76	9	2,576.43	9	2,227.10	9	1,877.78	9	1,528.52	9	1,179.21	9	830.15	9	484.45	9	140.71	9	
1/4	4,971.22	1/4	4,650.81	1/4	4,314.81	1/4	3,966.46	1/4	3,617.13	1/4	3,267.80	1/4	2,918.48	1/4	2,569.15	1/4	2,219.83	1/4	1,870.50	1/4	1,521.24	1/4	1,171.93	1/4	822.88	1/4	477.35	1/4	133.73	1/4	
1/2	4,964.70	1/2	4,643.97	1/2	4,307.64	1/2	3,959.18	1/2	3,609.85	1/2	3,260.53	1/2	2,911.20	1/2	2,561.87	1/2	2,212.55	1/2	1,863.22	1/2	1,513.96	1/2	1,164.65	1/2	815.61	1/2	470.24	1/2	126.76	1/2	
3/4	4,958.18	3/4	4,637.12	3/4	4,300.47	3/4	3,951.90	3/4	3,602.58	3/4	3,253.25	3/4	2,903.92	3/4	2,554.60	3/4	2,205.27	3/4	1,855.94	3/4	1,506.69	3/4	1,157.38	3/4	808.34	3/4	463.13	3/4	119.79	3/4	
10	4,951.65	10	4,630.27	10	4,293.29	10	3,944.62	10	3,595.30	10	3,245.97	10	2,896.65	10	2,547.32	10	2,197.99	10	1,848.67	10	1,499.41	10	1,150.10	10	801.07	10	456.03	10	112.83	10	
1/4	4,945.11	1/4	4,623.41	1/4	4,286.10	1/4	3,937.35	1/4	3,588.02	1/4	3,238.69	1/4	2,889.37	1/4	2,540.04	1/4	2,190.71	1/4	1,841.39	1/4	1,492.13	1/4	1,142.82	1/4	793.80	1/4	448.80	1/4	105.83	1/4	
1/2	4,938.57	1/2	4,616.54	1/2	4,278.91	1/2	3,930.07	1/2	3,580.74	1/2	3,231.42	1/2	2,882.09	1/2	2,532.76	1/2	2,183.44	1/2	1,834.11	1/2	1,484.85	1/2	1,135.54	1/2	786.53	1/2	441.57	1/2	98.83	1/2	
3/4	4,932.02	3/4	4,609.66	3/4	4,271.71	3/4	3,922.79	3/4	3,573.47	3/4	3,224.14	3/4	2,874.81	3/4	2,525.49	3/4	2,176.16	3/4	1,826.83	3/4	1,477.58	3/4	1,128.27	3/4	779.26	3/4	434.35	3/4	91.84	3/4	
11	4,925.46	11	4,602.78	11	4,264.50	11	3,915.51	11	3,566.19	11	3,216.86	11	2,867.53	11	2,518.21	11	2,168.88	11	1,819.56	11	1,470.30	11	1,120.99	11	771.99	11	427.12	11	84.86	11	
1/4	4,918.90	1/4	4,595.89	1/4	4,257.29	1/4	3,908.24	1/4	3,558.91	1/4	3,209.58	1/4	2,860.26	1/4	2,510.93	1/4	2,161.60	1/4	1,812.28	1/4	1,463.02	1/4	1,113.71	1/4	764.72	1/4	419.93	1/4	77.89	1/4	
1/2	4,912.33	1/2	4,589.00	1/2	4,250.07	1/2	3,900.96	1/2	3,551.63	1/2	3,202.31	1/2	2,852.98	1/2	2,503.65	1/2	2,154.33	1/2	1,805.00	1/2	1,455.74	1/2	1,106.44	1/2	757.45	1/2	412.74	1/2	70.93	1/2	
3/4	4,905.75	3/4	4,582.10	3/4	4,242.84	3/4	3,893.68	3/4	3,544.35	3/4	3,195.03	3/4	2,845.70	3/4	2,496.38	3/4	2,147.05	3/4	1,797.72	3/4	1,448.47	3/4	1,099.16	3/4	750.18	3/4	405.56	3/4	63.99	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.

NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK - TRIM CORRECTION NOT REQUIRED.

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

DATE STRAPPED: 8/19/2013 BY: JMF

DATE COMPUTED: 9/06/2013 BY: WHF

DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16' 1 1/4"

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.	IN	16 FT.
0		0	4,892.91	0	4,568.57	0	4,228.65	0	3,879.38	0	3,530.03	0	3,180.68	0	2,831.33	0	2,481.98	0	2,132.63	0	1,783.29	0	1,434.01	0	1,084.68	0	735.70	0	391.21	0	50.22
1/4		1/4	4,886.31	1/4	4,561.65	1/4	4,221.40	1/4	3,872.10	1/4	3,522.75	1/4	3,173.40	1/4	2,824.06	1/4	2,474.71	1/4	2,125.36	1/4	1,776.01	1/4	1,426.73	1/4	1,077.40	1/4	728.43	1/4	384.02	1/4	43.80
1/2		1/2	4,879.70	1/2	4,554.72	1/2	4,214.14	1/2	3,864.83	1/2	3,515.48	1/2	3,166.13	1/2	2,816.78	1/2	2,467.43	1/2	2,118.08	1/2	1,768.73	1/2	1,419.45	1/2	1,070.12	1/2	721.16	1/2	376.83	1/2	37.82
3/4		3/4	4,873.09	3/4	4,547.78	3/4	4,206.88	3/4	3,857.55	3/4	3,508.20	3/4	3,158.85	3/4	2,809.50	3/4	2,460.15	3/4	2,110.80	3/4	1,761.45	3/4	1,412.17	3/4	1,062.84	3/4	713.89	3/4	369.64	3/4	32.29
1		1	4,866.47	1	4,540.84	1	4,199.61	1	3,850.27	1	3,500.92	1	3,151.57	1	2,802.22	1	2,452.87	1	2,103.52	1	1,754.17	1	1,404.90	1	1,055.57	1	706.62	1	362.40	1	27.20
1/4		1/4	4,859.85	1/4	4,533.89	1/4	4,192.34	1/4	3,842.99	1/4	3,493.64	1/4	3,144.29	1/4	2,794.94	1/4	2,445.59	1/4	2,096.24	1/4	1,746.89	1/4	1,397.62	1/4	1,048.30	1/4	699.35	1/4	355.16	1/4	22.56
1/2		1/2	4,853.22	1/2	4,526.94	1/2	4,185.06	1/2	3,835.71	1/2	3,486.36	1/2	3,137.01	1/2	2,787.66	1/2	2,438.32	1/2	2,088.97	1/2	1,739.62	1/2	1,390.34	1/2	1,041.03	1/2	692.08	1/2	347.92	1/2	
3/4		3/4	4,846.58	3/4	4,519.97	3/4	4,177.78	3/4	3,828.43	3/4	3,479.09	3/4	3,129.74	3/4	2,780.39	3/4	2,431.04	3/4	2,081.69	3/4	1,732.34	3/4	1,383.06	3/4	1,033.76	3/4	684.81	3/4	340.69	3/4	
2		2	4,839.93	2	4,513.00	2	4,170.51	2	3,821.16	2	3,471.81	2	3,122.46	2	2,773.11	2	2,423.76	2	2,074.41	2	1,725.06	2	1,375.79	2	1,026.49	2	677.54	2	333.45	2	
1/4		1/4	4,833.28	1/4	4,506.02	1/4	4,163.23	1/4	3,813.88	1/4	3,464.53	1/4	3,115.18	1/4	2,765.83	1/4	2,416.48	1/4	2,067.13	1/4	1,717.79	1/4	1,368.51	1/4	1,019.21	1/4	670.27	1/4	326.21	1/4	
1/2		1/2	4,826.62	1/2	4,499.04	1/2	4,155.95	1/2	3,806.60	1/2	3,457.25	1/2	3,107.90	1/2	2,758.55	1/2	2,409.20	1/2	2,059.85	1/2	1,710.51	1/2	1,361.23	1/2	1,011.94	1/2	663.00	1/2	318.97	1/2	
3/4		3/4	4,819.96	3/4	4,492.05	3/4	4,148.67	3/4	3,799.32	3/4	3,449.97	3/4	3,100.62	3/4	2,751.27	3/4	2,401.92	3/4	2,052.58	3/4	1,703.24	3/4	1,353.95	3/4	1,004.67	3/4	655.73	3/4	311.73	3/4	
3	5,062.56	3	4,813.28	3	4,485.05	3	4,141.39	3	3,792.04	3	3,442.69	3	3,093.35	3	2,744.00	3	2,394.65	3	2,045.30	3	1,695.96	3	1,346.68	3	997.40	3	648.45	3	304.49	3	
1/4	5,062.32	1/4	4,806.61	1/4	4,478.05	1/4	4,134.12	1/4	3,784.77	1/4	3,435.42	1/4	3,086.07	1/4	2,736.72	1/4	2,387.37	1/4	2,038.02	1/4	1,688.69	1/4	1,339.40	1/4	990.13	1/4	641.17	1/4	297.25	1/4	
1/2	5,061.83	1/2	4,799.92	1/2	4,471.04	1/2	4,126.84	1/2	3,777.49	1/2	3,428.14	1/2	3,078.79	1/2	2,729.44	1/2	2,380.09	1/2	2,030.74	1/2	1,681.41	1/2	1,332.12	1/2	982.86	1/2	633.90	1/2	290.01	1/2	
3/4	5,061.02	3/4	4,793.23	3/4	4,464.02	3/4	4,119.56	3/4	3,770.21	3/4	3,420.86	3/4	3,071.51	3/4	2,722.16	3/4	2,372.81	3/4	2,023.46	3/4	1,674.14	3/4	1,324.84	3/4	975.59	3/4	626.62	3/4	282.77	3/4	
4	5,059.88	4	4,786.53	4	4,457.00	4	4,112.28	4	3,762.93	4	3,413.58	4	3,064.23	4	2,714.88	4	2,365.53	4	2,016.18	4	1,666.86	4	1,317.57	4	968.31	4	619.52	4	275.54	4	
1/4	5,058.42	1/4	4,779.82	1/4	4,449.97	1/4	4,105.00	1/4	3,755.65	1/4	3,406.30	1/4	3,056.95	1/4	2,707.61	1/4	2,358.26	1/4	2,008.91	1/4	1,659.59	1/4	1,310.29	1/4	961.04	1/4	612.41	1/4	268.30	1/4	
1/2	5,056.64	1/2	4,773.11	1/2	4,442.93	1/2	4,097.72	1/2	3,748.38	1/2	3,399.03	1/2	3,049.68	1/2	2,700.33	1/2	2,350.98	1/2	2,001.63	1/2	1,652.31	1/2	1,303.01	1/2	953.77	1/2	605.30	1/2	261.06	1/2	
3/4	5,054.53	3/4	4,766.39	3/4	4,435.88	3/4	4,090.45	3/4	3,741.10	3/4	3,391.75	3/4	3,042.40	3/4	2,693.05	3/4	2,343.70	3/4	1,994.35	3/4	1,645.04	3/4	1,295.73	3/4	946.50	3/4	598.20	3/4	253.82	3/4	
5	5,052.09	5	4,759.66	5	4,428.83	5	4,083.17	5	3,733.82	5	3,384.47	5	3,035.12	5	2,685.77	5	2,336.42	5	1,987.07	5	1,637.76	5	1,288.45	5	939.23	5	591.09	5	246.57	5	
1/4	5,049.33	1/4	4,752.93	1/4	4,421.77	1/4	4,075.89	1/4	3,726.54	1/4	3,377.19	1/4	3,027.84	1/4	2,678.49	1/4	2,329.14	1/4	1,979.79	1/4	1,630.49	1/4	1,281.18	1/4	931.96	1/4	583.99	1/4	239.32	1/4	
1/2	5,046.25	1/2	4,746.19	1/2	4,414.71	1/2	4,068.61	1/2	3,719.26	1/2	3,369.91	1/2	3,020.56	1/2	2,671.21	1/2	2,321.87	1/2	1,972.52	1/2	1,623.21	1/2	1,273.90	1/2	924.69	1/2	576.88	1/2	232.07	1/2	
3/4	5,042.84	3/4	4,739.44	3/4	4,407.64	3/4	4,061.33	3/4	3,711.98	3/4	3,362.64	3/4	3,013.29	3/4	2,663.94	3/4	2,314.59	3/4	1,965.24	3/4	1,615.94	3/4	1,266.62	3/4	917.42	3/4	569.77	3/4	224.82	3/4	
6	5,039.11	6	4,732.69	6	4,400.56	6	4,054.06	6	3,704.71	6	3,355.36	6	3,006.01	6	2,656.66	6	2,307.31	6	1,957.96	6	1,608.66	6	1,259.34	6	910.15	6	562.67	6	217.77	6	
1/4	5,035.05	1/4	4,725.93	1/4	4,393.47	1/4	4,046.78	1/4	3,697.43	1/4	3,348.08	1/4	2,998.73	1/4	2,649.38	1/4	2,300.03	1/4	1,950.68	1/4	1,601.38	1/4	1,252.07	1/4	902.88	1/4	555.56	1/4	210.72	1/4	
1/2	5,030.67	1/2	4,719.16	1/2	4,386.38	1/2	4,039.50	1/2	3,690.15	1/2	3,340.80	1/2	2,991.45	1/2	2,642.10	1/2	2,292.75	1/2	1,943.40	1/2	1,594.11	1/2	1,244.79	1/2	895.62	1/2	548.45	1/2	203.68	1/2	
3/4	5,025.96	3/4	4,712.39	3/4	4,379.28	3/4	4,032.22	3/4	3,682.87	3/4	3,333.52	3/4	2,984.17	3/4	2,634.82	3/4	2,285.48	3/4	1,936.13	3/4	1,586.83	3/4	1,237.51	3/4	888.35	3/4	541.34	3/4	196.63	3/4	
7	5,020.93	7	4,705.61	7	4,372.18	7	4,024.94	7	3,675.59	7	3,326.24	7	2,976.90	7	2,627.55	7	2,278.20	7	1,928.85	7	1,579.56	7	1,230.23	7	881.08	7	534.24	7	189.63	7	
1/4	5,015.57	1/4	4,698.82	1/4	4,365.07	1/4	4,017.67	1/4	3,668.32	1/4	3,318.97	1/4	2,969.62	1/4	2,620.27	1/4	2,270.92	1/4	1,921.57	1/4	1,572.28	1/4	1,222.95	1/4	873.81	1/4	527.13	1/4	182.64	1/4	
1/2	5,009.89	1/2	4,692.03	1/2	4,357.95	1/2	4,010.39	1/2	3,661.04	1/2	3,311.69	1/2	2,962.34	1/2	2,612.99	1/2	2,263.64	1/2	1,914.29	1/2	1,565.01	1/2	1,215.68	1/2	866.54	1/2	520.02	1/2	175.64	1/2	
3/4	5,003.88	3/4	4,685.22	3/4	4,350.82	3/4	4,003.11	3/4	3,653.76	3/4	3,304.41	3/4	2,955.06	3/4	2,605.71	3/4	2,256.36	3/4	1,907.01	3/4	1,557.73	3/4	1,208.40	3/4	859.27	3/4	512.91	3/4	168.65	3/4	
8	4,997.55	8	4,678.42	8	4,343.69	8	3,995.83	8	3,646.48	8	3,297.13	8	2,947.78	8	2,598.43	8	2,249.08	8	1,899.74	8	1,550.46	8	1,201.12	8	852.01	8	505.81	8	161.66	8	
1/4	4,991.06	1/4	4,671.60	1/4	4,336.55	1/4	3,988.55	1/4	3,639.20	1/4	3,289.85	1/4	2,940.50	1/4	2,591.16	1/4	2,241.81	1/4	1,892.46	1/4	1,543.18	1/4	1,193.84	1/4	844.74	1/4	498.70	1/4	154.68	1/4	
1/2	4,984.56	1/2	4,664.78	1/2	4,329.40	1/2	3,981.27	1/2	3,631.93	1/2	3,282.58	1/2	2,933.23	1/2	2,583.88	1/2	2,234.53	1/2	1,885.18	1/2	1,535.90	1/2	1,186.57	1/2	837.47	1/2	491.59	1/2	147.70	1/2	
3/4	4,978.06	3/4	4,657.95	3/4	4,322.25	3/4	3,974.00	3/4	3,624.65	3/4	3,275.30	3/4	2,925.95	3/4	2,576.60	3/4	2,227.25	3/4	1,877.90	3/4	1,528.62	3/4	1,179.29	3/4	830.20	3/4	484.49	3/4	140.72	3/4	
9	4,971.55	9	4,651.12	9	4,315.09	9	3,966.72	9	3,617.37	9	3,268.02	9	2,918.67	9	2,569.32	9	2,219.97	9	1,870.62	9	1,521.34	9	1,172.01	9	822.93	9	477.38	9	133.74	9	
1/4	4,965.04	1/4	4,644.28	1/4	4,307.92	1/4	3,959.44	1/4	3,610.09	1/4	3,260.74	1/4	2,911.39	1/4	2,562.04	1/4	2,212.69	1/4	1,863.34	1/4	1,514.07	1/4	1,164.73	1/4	815.66	1/4	470.27	1/4	126.77	1/4	
1/2	4,958.51	1/2	4,637.43	1/2	4,300.75	1/2	3,952.16	1/2	3,602.81	1/2	3,253.46	1/2	2,904.11	1/2	2,554.77	1/2	2,205.42	1/2	1,856.07	1/2	1,506.79	1/2	1,157.45	1/2	808.39	1/2	463.16	1/2	119.80	1/2	
3/4	4,951.98	3/4	4,630.57	3/4	4,293.57	3/4	3,944.88	3/4	3,595.53	3/4	3,246.19	3/4	2,896.84	3/4	2,547.49	3/4	2,198.14	3/4	1,848.79	3/4	1,499.51	3/4	1,150.18	3/4	801.12	3/4	456.06	3/4	112.84	3/4	
10	4,945.44	10	4,623.71	10	4,286.38	10	3,937.61	10	3,588.26	10	3,238.91	10	2,889.56	10	2,540.21	10	2,190.86	10	1,841.51	10	1,492.23	10	1,142.90	10	793.85	10	448.83	10	105.84	10	
1/4	4,938.90	1/4	4,616.84	1/4	4,279.19	1/4	3,930.33	1/4	3,580.98	1/4	3,231.63	1/4	2,882.28	1/4	2,532.93	1/4	2,183.58	1/4	1,834.23	1/4	1,484.95	1/4	1,135.62	1/4	786.58	1/4	441.60	1/4	98.84	1/4	
1/2	4,932.35	1/2	4,609.97	1/2	4,271.99	1/2	3,923.05	1/2	3,573.70	1/2	3,224.35	1/2	2,875.00	1/2	2,525.65	1/2	2,176.30	1/2	1,826.95	1/2	1,477.68	1/2	1,128.34	1/2	779.31	1/2	434.38	1/2	91.85	1/2	
3/4	4,925.79	3/4	4,603.09	3/4	4,264.78	3/4	3,915.77	3/4	3,566.42	3/4	3,217.07	3/4	2,867.72	3/4	2,518.37	3/4	2,169.03	3/4	1,819.68	3/4	1,470.40	3/4	1,121.07	3/4	772.05	3/4	427.15	3/4	84.86	3/4	
11	4,919.23	11	4,596.20	11	4,257.57	11	3,908.49	11	3,559.14	11	3,209.80	11	2,860.45	11	2,511.10	11	2,161.75	11	1,812.40	11	1,463.12	11	1,113.79	11	764.78	11	419.96	11	77.89	11	
1/4	4,912.66	1/4	4,589.30	1/4	4,250.35	1/4	3,901.22	1/4	3,551.87	1/4	3,202.52	1/4	2,853.17	1/4	2,503.82	1/4	2,154.47	1/4	1,805.12	1/4	1,455.84	1/4	1,106.51	1/4	757.51	1/4	412.77	1/4	70.93	1/4	
1/2	4,906.08	1/2	4,582.40	1/2	4,243.12	1/2	3,893.94	1/2	3,544.59	1/2	3,195.24	1/2	2,845.89	1/2	2,496.54	1/2	2,147.19	1/2	1,797.84	1/2	1,448.56	1/2	1,099.23	1/2	750.24	1/2	405.58	1/2	63.99	1/2	
3/4	4,899.50	3/4	4,575.49	3/4	4,235.89	3/4	3,886.66	3/4	3,537.31	3/4	3,187.96	3/4	2,838.61	3/4	2,489.26	3/4	2,139.91	3/4	1,790.56	3/4	1,441.28	3/4	1,091.95	3/4	742.97	3/4	398.39	3/4	57.08	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.

NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK - TRIM CORRECTION NOT REQUIRED.

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

DATE STRAPPED: 8/19/2013 BY: JMF

DATE COMPUTED: 9/06/2013 BY: WHF

DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

TRIM CORRECTION REQUIRED FOR ULLAGES LESS THAN 5' 3"

3 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15' 11 1/2"

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.	IN	16 FT.
0		0	4,176.64	0	4,027.21	0	3,870.59	0	3,709.53	0	3,450.08	0	3,100.11	0	2,750.14	0	2,400.17	0	2,050.20	0	1,700.23	0	1,350.33	0	1,000.38	0	650.77	0	305.43	0	
1/4		1/4	4,173.60	1/4	4,024.02	1/4	3,867.25	1/4	3,706.18	1/4	3,442.79	1/4	3,092.82	1/4	2,742.85	1/4	2,392.88	1/4	2,042.91	1/4	1,692.94	1/4	1,343.04	1/4	993.09	1/4	643.49	1/4	298.23	1/4	
1/2		1/2	4,170.56	1/2	4,020.83	1/2	3,863.91	1/2	3,702.82	1/2	3,435.50	1/2	3,085.53	1/2	2,735.56	1/2	2,385.59	1/2	2,035.62	1/2	1,685.65	1/2	1,335.75	1/2	985.80	1/2	636.21	1/2	291.03	1/2	
3/4		3/4	4,167.51	3/4	4,017.63	3/4	3,860.56	3/4	3,699.46	3/4	3,428.21	3/4	3,078.24	3/4	2,728.27	3/4	2,378.30	3/4	2,028.33	3/4	1,678.36	3/4	1,328.46	3/4	978.51	3/4	628.93	3/4	276.63	3/4	
1		1	4,164.46	1	4,014.43	1	3,857.21	1	3,696.11	1	3,420.92	1	3,070.95	1	2,720.98	1	2,371.01	1	2,021.04	1	1,671.07	1	1,321.17	1	971.22	1	621.64	1	269.38	1	
1/4		1/4	4,161.41	1/4	4,011.23	1/4	3,853.86	1/4	3,692.75	1/4	3,413.62	1/4	3,063.66	1/4	2,713.69	1/4	2,363.72	1/4	2,013.75	1/4	1,663.78	1/4	1,313.88	1/4	963.94	1/4	614.36	1/4	262.13	1/4	
1/2		1/2	4,158.35	1/2	4,008.02	1/2	3,850.51	1/2	3,689.39	1/2	3,406.33	1/2	3,056.36	1/2	2,706.39	1/2	2,356.43	1/2	2,006.46	1/2	1,656.49	1/2	1,306.59	1/2	956.65	1/2	607.08	1/2	254.87	1/2	
3/4		3/4	4,155.30	3/4	4,004.82	3/4	3,847.15	3/4	3,686.04	3/4	3,399.04	3/4	3,049.07	3/4	2,699.10	3/4	2,349.13	3/4	1,999.16	3/4	1,649.20	3/4	1,299.30	3/4	949.37	3/4	599.79	3/4	247.62	3/4	
2		2	4,152.23	2	4,001.60	2	3,843.79	2	3,682.68	2	3,391.75	2	3,041.78	2	2,691.81	2	2,341.84	2	1,991.87	2	1,641.90	2	1,292.01	2	942.08	2	592.51	2	240.37	2	
1/4		1/4	4,149.17	1/4	3,998.39	1/4	3,840.44	1/4	3,679.32	1/4	3,384.46	1/4	3,034.49	1/4	2,684.52	1/4	2,334.55	1/4	1,984.58	1/4	1,634.62	1/4	1,284.72	1/4	934.80	1/4	585.23	1/4	233.12	1/4	
1/2		1/2	4,146.10	1/2	3,995.17	1/2	3,837.08	1/2	3,675.97	1/2	3,377.17	1/2	3,027.20	1/2	2,677.23	1/2	2,327.26	1/2	1,977.29	1/2	1,627.33	1/2	1,277.43	1/2	927.51	1/2	577.95	1/2	225.87	1/2	
3/4		3/4	4,143.03	3/4	3,991.95	3/4	3,833.72	3/4	3,672.61	3/4	3,369.88	3/4	3,019.91	3/4	2,669.94	3/4	2,319.97	3/4	1,970.00	3/4	1,620.04	3/4	1,270.14	3/4	920.23	3/4	570.66	3/4	218.62	3/4	
3		3	4,139.96	3	3,988.73	3	3,830.37	3	3,669.26	3	3,362.59	3	3,012.62	3	2,662.65	3	2,312.68	3	1,962.71	3	1,612.75	3	1,262.85	3	912.94	3	563.38	3	211.36	3	
1/4	4,251.84	1/4	4,136.88	1/4	3,985.50	1/4	3,827.01	1/4	3,665.90	1/4	3,355.30	1/4	3,005.33	1/4	2,655.36	1/4	2,305.39	1/4	1,955.42	1/4	1,605.46	1/4	1,255.56	1/4	905.66	1/4	556.09	1/4	204.11	1/4	
1/2	4,251.73	1/2	4,133.80	1/2	3,982.27	1/2	3,823.65	1/2	3,662.15	1/2	3,348.01	1/2	2,998.04	1/2	2,648.07	1/2	2,298.10	1/2	1,948.13	1/2	1,598.18	1/2	1,248.27	1/2	898.38	1/2	548.80	1/2	196.86	1/2	
3/4	4,251.51	3/4	4,130.72	3/4	3,979.04	3/4	3,820.30	3/4	3,658.40	3/4	3,340.71	3/4	2,990.74	3/4	2,640.78	3/4	2,290.81	3/4	1,940.84	3/4	1,590.89	3/4	1,240.98	3/4	891.09	3/4	541.51	3/4	189.61	3/4	
4	4,251.13	4	4,127.63	4	3,975.80	4	3,816.94	4	3,654.65	4	3,333.42	4	2,983.45	4	2,633.48	4	2,283.51	4	1,933.55	4	1,583.60	4	1,233.69	4	883.81	4	534.22	4	182.36	4	
1/4	4,250.61	1/4	4,124.54	1/4	3,972.56	1/4	3,813.58	1/4	3,650.91	1/4	3,326.13	1/4	2,976.16	1/4	2,626.19	1/4	2,276.22	1/4	1,926.25	1/4	1,576.31	1/4	1,226.40	1/4	876.52	1/4	527.10	1/4	175.10	1/4	
1/2	4,249.93	1/2	4,121.45	1/2	3,969.32	1/2	3,810.23	1/2	3,646.37	1/2	3,318.84	1/2	2,968.87	1/2	2,618.90	1/2	2,268.93	1/2	1,918.96	1/2	1,569.02	1/2	1,219.10	1/2	869.24	1/2	519.99	1/2	167.85	1/2	
3/4	4,249.11	3/4	4,118.35	3/4	3,966.07	3/4	3,806.87	3/4	3,641.84	3/4	3,311.55	3/4	2,961.58	3/4	2,611.61	3/4	2,261.64	3/4	1,911.67	3/4	1,561.73	3/4	1,211.81	3/4	861.95	3/4	512.87	3/4	160.60	3/4	
5	4,248.14	5	4,115.25	5	3,962.82	5	3,803.52	5	3,637.30	5	3,304.26	5	2,954.29	5	2,604.32	5	2,254.35	5	1,904.38	5	1,554.45	5	1,204.52	5	854.67	5	505.75	5	153.34	5	
1/4	4,247.02	1/4	4,112.15	1/4	3,959.57	1/4	3,800.16	1/4	3,632.77	1/4	3,296.97	1/4	2,947.00	1/4	2,597.03	1/4	2,247.06	1/4	1,897.09	1/4	1,547.16	1/4	1,197.23	1/4	847.39	1/4	498.63	1/4	146.08	1/4	
1/2	4,245.74	1/2	4,109.04	1/2	3,956.32	1/2	3,796.80	1/2	3,627.44	1/2	3,289.68	1/2	2,939.71	1/2	2,589.74	1/2	2,239.77	1/2	1,889.80	1/2	1,539.87	1/2	1,189.94	1/2	840.11	1/2	491.51	1/2	138.82	1/2	
3/4	4,244.32	3/4	4,105.93	3/4	3,953.06	3/4	3,793.45	3/4	3,622.12	3/4	3,282.39	3/4	2,932.42	3/4	2,582.45	3/4	2,232.48	3/4	1,882.51	3/4	1,532.58	3/4	1,182.65	3/4	832.82	3/4	484.39	3/4	131.55	3/4	
6	4,242.75	6	4,102.82	6	3,949.80	6	3,790.09	6	3,616.80	6	3,275.09	6	2,925.13	6	2,575.16	6	2,225.19	6	1,875.22	6	1,525.29	6	1,175.36	6	825.54	6	477.27	6	124.58	6	
1/4	4,241.03	1/4	4,099.71	1/4	3,946.53	1/4	3,786.73	1/4	3,611.47	1/4	3,267.80	1/4	2,917.83	1/4	2,567.87	1/4	2,217.90	1/4	1,867.93	1/4	1,518.01	1/4	1,168.07	1/4	818.26	1/4	470.15	1/4	117.79	1/4	
1/2	4,239.16	1/2	4,096.59	1/2	3,943.27	1/2	3,783.38	1/2	3,605.36	1/2	3,260.51	1/2	2,910.54	1/2	2,560.57	1/2	2,210.60	1/2	1,860.64	1/2	1,510.72	1/2	1,160.78	1/2	810.98	1/2	463.03	1/2	111.19	1/2	
3/4	4,237.13	3/4	4,093.47	3/4	3,939.99	3/4	3,780.02	3/4	3,599.25	3/4	3,253.22	3/4	2,903.25	3/4	2,553.28	3/4	2,203.31	3/4	1,853.34	3/4	1,503.43	3/4	1,153.49	3/4	803.70	3/4	455.91	3/4	104.77	3/4	
7	4,234.96	7	4,090.35	7	3,936.72	7	3,776.66	7	3,593.14	7	3,245.93	7	2,895.96	7	2,545.99	7	2,196.02	7	1,846.05	7	1,496.14	7	1,146.20	7	796.41	7	448.79	7	98.57	7	
1/4	4,232.64	1/4	4,087.22	1/4	3,933.44	1/4	3,773.31	1/4	3,587.03	1/4	3,238.64	1/4	2,888.67	1/4	2,538.70	1/4	2,188.73	1/4	1,838.76	1/4	1,488.85	1/4	1,138.91	1/4	789.13	1/4	441.67	1/4	92.57	1/4	
1/2	4,230.17	1/2	4,084.09	1/2	3,930.16	1/2	3,769.95	1/2	3,580.14	1/2	3,231.35	1/2	2,881.38	1/2	2,531.41	1/2	2,181.44	1/2	1,831.47	1/2	1,481.57	1/2	1,131.62	1/2	781.85	1/2	434.55	1/2	86.74	1/2	
3/4	4,227.55	3/4	4,080.95	3/4	3,926.88	3/4	3,766.59	3/4	3,573.24	3/4	3,224.06	3/4	2,874.09	3/4	2,524.12	3/4	2,174.15	3/4	1,824.18	3/4	1,474.28	3/4	1,124.33	3/4	774.57	3/4	427.43	3/4	81.10	3/4	
8	4,224.78	8	4,077.82	8	3,923.59	8	3,763.24	8	3,566.34	8	3,216.77	8	2,866.80	8	2,516.83	8	2,166.86	8	1,816.89	8	1,466.99	8	1,117.03	8	767.29	8	420.31	8	75.65	8	
1/4	4,221.86	1/4	4,074.68	1/4	3,920.30	1/4	3,759.88	1/4	3,559.45	1/4	3,209.48	1/4	2,859.51	1/4	2,509.54	1/4	2,159.57	1/4	1,809.60	1/4	1,459.70	1/4	1,109.74	1/4	760.01	1/4	413.19	1/4	70.38	1/4	
1/2	4,218.87	1/2	4,071.54	1/2	3,917.01	1/2	3,756.52	1/2	3,552.15	1/2	3,202.18	1/2	2,852.22	1/2	2,502.25	1/2	2,152.28	1/2	1,802.31	1/2	1,452.41	1/2	1,102.45	1/2	752.73	1/2	406.07	1/2	65.29	1/2	
3/4	4,215.87	3/4	4,068.39	3/4	3,913.72	3/4	3,753.17	3/4	3,544.86	3/4	3,194.89	3/4	2,844.92	3/4	2,494.95	3/4	2,144.99	3/4	1,795.02	3/4	1,445.12	3/4	1,095.16	3/4	745.45	3/4	398.95	3/4	60.39	Trim	Correction
9	4,212.88	9	4,065.24	9	3,910.42	9	3,749.81	9	3,537.57	9	3,187.60	9	2,837.63	9	2,487.66	9	2,137.69	9	1,787.72	9	1,437.83	9	1,087.87	9	738.17	9	391.83	3"	55.67	3"	1/8
1/4	4,209.87	1/4	4,062.09	1/4	3,907.12	1/4	3,746.45	1/4	3,530.28	1/4	3,180.31	1/4	2,830.34	1/4	2,480.37	1/4	2,130.40	1/4	1,780.43	1/4	1,430.53	1/4	1,080.58	1/4	730.88	1/4	384.71	6"	51.13	6"	1/4
1/2	4,206.87	1/2	4,058.93	1/2	3,903.81	1/2	3,743.10	1/2	3,522.99	1/2	3,173.02	1/2	2,823.05	1/2	2,473.08	1/2	2,123.11	1/2	1,773.14	1/2	1,423.24	1/2	1,073.29	1/2	723.60	1/2	377.59	9"	46.78	9"	1/2
3/4	4,203.86	3/4	4,055.77	3/4	3,900.50	3/4	3,739.74	3/4	3,515.70	3/4	3,165.73	3/4	2,815.76	3/4	2,465.79	3/4	2,115.82	3/4	1,765.85	3/4	1,415.95	3/4	1,066.00	3/4	716.32	3/4	370.47	1' 0"	42.62	1' 0"	5/8
10	4,200.85	10	4,052.61	10	3,897.19	10	3,736.39	10	3,508.41	10	3,158.44	10	2,808.47	10	2,458.50	10	2,108.53	10	1,758.56	10	1,408.66	10	1,058.71	10	709.04	10	363.35	1' 3"	38.59	1' 3"	3/4
1/4	4,197.83	1/4	4,049.45	1/4	3,893.88	1/4	3,733.03	1/4	3,501.12	1/4	3,151.15	1/4	2,801.18	1/4	2,451.21	1/4	2,101.24	1/4	1,751.27	1/4	1,401.37	1/4	1,051.42	1/4	701.75	1/4	356.11	1' 6"	34.74	1' 6"	7/8
1/2	4,194.81	1/2	4,046.28	1/2	3,890.56	1/2	3,729.67	1/2	3,493.83	1/2	3,143.86	1/2	2,793.89	1/2	2,443.92	1/2	2,093.95	1/2	1,743.98	1/2	1,394.08	1/2	1,044.13	1/2	694.47	1/2	348.87	1' 0"	31.09	1' 0"	1
3/4	4,191.79	3/4	4,043.11	3/4	3,887.24	3/4	3,726.32	3/4	3,486.53	3/4	3,136.57	3/4	2,786.60	3/4	2,436.63	3/4	2,086.66	3/4	1,736.69	3/4	1,386.79	3/4	1,036.84	3/4	687.19	3/4	341.63	2' 0"	27.61	2' 0"	1 1/8
11	4,188.77	11	4,039.94	11	3,883.92	11	3,722.96	11	3,479.24	11	3,129.27	11	2,779.30	11	2,429.34	11	2,079.37	11	1,729.40	11	1,379.50	11	1,029.55	11	679.91	11	334.39	2' 3"	24.32	2' 3"	1 3/8
1/4	4,185.74	1/4	4,036.76	1/4	3,880.59	1/4	3,719.60	1/4	3,471.95	1/4	3,121.98	1/4	2,772.01	1/4	2,422.04	1/4	2,072.08	1/4	1,722.11	1/4	1,372.21	1/4	1,022.25	1/4	672.62	1/4	327.15	2' 6"	21.22	2' 6"	1 1/2
1/2	4,182.71	1/2	4,033.58	1/2	3,877.26	1/2	3,716.25	1/2	3,464.66	1/2	3,114.69	1/2	2,764.72	1/2	2,414.75	1/2	2,064.78	1/2	1,714.81	1/2	1,364.92	1/2	1,014.96	1/2	665.34	1/2	319.91	2' 9"	18.30	2' 9"	1 5/8
3/4	4,179.68	3/4	4,030.40	3/4	3,873.93	3/4	3,712.89	3/4	3,457.37	3/4	3,107.40	3/4	2,757.43	3/4	2,407.46	3/4	2,057.49	3/4	1,707.52	3/4	1,357.62	3/4	1,007.67	3/4	658.06	3/4	312.67	3' 0"		3' 0"	1 3/4

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.

NOTE: GAUGE POINT LOCATED 32' 9" FROM FORWARD BULKHEAD - TRIM CORRECTION FOR STERN TRIM, ADD TO ULLAGE.

NOTE: FOR ULLAGES LESS THAN 5' 3" - TRIM CORRECTION SUBTRACT 1/2" PER FOOT OF TRIM

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

DATE STRAPPED: 8/19/2013 BY: JMF

DATE COMPUTED: 9/06/2013 BY: WHF

DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

TRIM CORRECTION REQUIRED FOR ULLAGES LESS THAN 5' 3"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15' 11 1/2"

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.	IN	16 FT.
0		0	4,177.21	0	4,027.95	0	3,871.51	0	3,710.49	0	3,455.09	0	3,105.35	0	2,755.61	0	2,405.87	0	2,056.13	0	1,706.38	0	1,356.71	0	1,006.99	0	657.60	0	312.46	0	
1/4		1/4	4,174.17	1/4	4,024.77	1/4	3,868.17	1/4	3,707.13	1/4	3,447.80	1/4	3,098.06	1/4	2,748.32	1/4	2,398.58	1/4	2,048.84	1/4	1,699.10	1/4	1,349.43	1/4	999.70	1/4	650.33	1/4	305.22	1/4	
1/2		1/2	4,171.13	1/2	4,021.58	1/2	3,864.83	1/2	3,703.77	1/2	3,440.52	1/2	3,090.78	1/2	2,741.04	1/2	2,391.29	1/2	2,041.55	1/2	1,691.81	1/2	1,342.14	1/2	992.42	1/2	643.05	1/2	298.03	1/2	
3/4		3/4	4,168.09	3/4	4,018.39	3/4	3,861.49	3/4	3,700.42	3/4	3,433.23	3/4	3,083.49	3/4	2,733.75	3/4	2,384.01	3/4	2,034.27	3/4	1,684.52	3/4	1,334.86	3/4	985.13	3/4	635.77	3/4	290.83	3/4	
1		1	4,165.04	1	4,015.19	1	3,858.14	1	3,697.06	1	3,425.95	1	3,076.20	1	2,726.46	1	2,376.72	1	2,026.98	1	1,677.24	1	1,327.57	1	977.85	1	628.49	1	276.44	1	
1/4		1/4	4,161.99	1/4	4,011.99	1/4	3,854.79	1/4	3,693.71	1/4	3,418.66	1/4	3,068.92	1/4	2,719.18	1/4	2,369.44	1/4	2,019.69	1/4	1,669.95	1/4	1,320.28	1/4	970.56	1/4	621.21	1/4	269.19	1/4	
1/2		1/2	4,158.94	1/2	4,008.79	1/2	3,851.44	1/2	3,690.35	1/2	3,411.37	1/2	3,061.63	1/2	2,711.89	1/2	2,362.15	1/2	2,012.41	1/2	1,662.67	1/2	1,313.00	1/2	963.28	1/2	613.94	1/2	261.94	1/2	
3/4		3/4	4,155.89	3/4	4,005.59	3/4	3,848.09	3/4	3,686.99	3/4	3,404.09	3/4	3,054.35	3/4	2,704.60	3/4	2,354.86	3/4	2,005.12	3/4	1,655.38	3/4	1,305.71	3/4	956.00	3/4	606.66	3/4	254.70	3/4	
2		2	4,152.83	2	4,002.38	2	3,844.73	2	3,683.64	2	3,396.80	2	3,047.06	2	2,697.32	2	2,347.58	2	1,997.83	2	1,648.09	2	1,298.43	2	948.72	2	599.38	2	247.45	2	
1/4		1/4	4,149.77	1/4	3,999.17	1/4	3,841.38	1/4	3,680.28	1/4	3,389.51	1/4	3,039.77	1/4	2,690.03	1/4	2,340.29	1/4	1,990.55	1/4	1,640.81	1/4	1,291.14	1/4	941.44	1/4	592.10	1/4	240.20	1/4	
1/2		1/2	4,146.71	1/2	3,995.95	1/2	3,838.02	1/2	3,676.93	1/2	3,382.23	1/2	3,032.49	1/2	2,682.75	1/2	2,333.00	1/2	1,983.26	1/2	1,633.52	1/2	1,283.85	1/2	934.16	1/2	584.82	1/2	232.96	1/2	
3/4		3/4	4,143.64	3/4	3,992.74	3/4	3,834.66	3/4	3,673.57	3/4	3,374.94	3/4	3,025.20	3/4	2,675.46	3/4	2,325.72	3/4	1,975.98	3/4	1,626.24	3/4	1,276.57	3/4	926.88	3/4	577.55	3/4	225.71	3/4	
3		3	4,140.57	3	3,989.52	3	3,831.31	3	3,670.21	3	3,367.66	3	3,017.91	3	2,668.17	3	2,318.43	3	1,968.69	3	1,618.96	3	1,269.28	3	919.60	3	570.27	3	218.46	3	
1/4		1/4	4,137.49	1/4	3,986.29	1/4	3,827.95	1/4	3,666.86	1/4	3,360.37	1/4	3,010.63	1/4	2,660.89	1/4	2,311.14	1/4	1,961.40	1/4	1,611.67	1/4	1,262.00	1/4	912.32	1/4	562.99	1/4	211.22	1/4	
1/2	4,249.35	1/2	4,134.42	1/2	3,983.07	1/2	3,824.60	1/2	3,663.50	1/2	3,353.08	1/2	3,003.34	1/2	2,653.60	1/2	2,303.86	1/2	1,954.12	1/2	1,604.39	1/2	1,254.71	1/2	905.04	1/2	555.71	1/2	203.97	1/2	
3/4	4,249.24	3/4	4,131.34	3/4	3,979.84	3/4	3,821.24	3/4	3,659.75	3/4	3,345.80	3/4	2,996.06	3/4	2,646.31	3/4	2,296.57	3/4	1,946.83	3/4	1,597.11	3/4	1,247.43	3/4	897.76	3/4	548.42	3/4	196.72	3/4	
4	4,249.02	4	4,128.25	4	3,976.60	4	3,817.88	4	3,656.01	4	3,338.51	4	2,988.77	4	2,639.03	4	2,289.29	4	1,939.54	4	1,589.82	4	1,240.14	4	890.48	4	541.14	4	189.48	4	
1/4	4,248.64	1/4	4,125.17	1/4	3,973.37	1/4	3,814.53	1/4	3,652.26	1/4	3,331.22	1/4	2,981.48	1/4	2,631.74	1/4	2,282.00	1/4	1,932.26	1/4	1,582.54	1/4	1,232.86	1/4	883.20	1/4	533.85	1/4	182.23	1/4	
1/2	4,248.12	1/2	4,122.08	1/2	3,970.13	1/2	3,811.17	1/2	3,648.51	1/2	3,323.94	1/2	2,974.20	1/2	2,624.45	1/2	2,274.71	1/2	1,924.97	1/2	1,575.26	1/2	1,225.57	1/2	875.92	1/2	526.74	1/2	174.98	1/2	
3/4	4,247.45	3/4	4,118.99	3/4	3,966.89	3/4	3,807.81	3/4	3,643.98	3/4	3,316.65	3/4	2,966.91	3/4	2,617.17	3/4	2,267.43	3/4	1,917.69	3/4	1,567.97	3/4	1,218.28	3/4	868.65	3/4	519.63	3/4	167.73	3/4	
5	4,246.62	5	4,115.89	5	3,963.64	5	3,804.46	5	3,639.44	5	3,309.37	5	2,959.62	5	2,609.88	5	2,260.14	5	1,910.40	5	1,560.69	5	1,211.00	5	861.37	5	512.51	5	160.49	5	
1/4	4,245.65	1/4	4,112.79	1/4	3,960.39	1/4	3,801.10	1/4	3,634.91	1/4	3,302.08	1/4	2,952.34	1/4	2,602.60	1/4	2,252.85	1/4	1,903.11	1/4	1,553.41	1/4	1,203.71	1/4	854.09	1/4	505.40	1/4	153.23	1/4	
1/2	4,244.53	1/2	4,109.69	1/2	3,957.14	1/2	3,797.75	1/2	3,630.38	1/2	3,294.79	1/2	2,945.05	1/2	2,595.31	1/2	2,245.57	1/2	1,895.83	1/2	1,546.12	1/2	1,196.43	1/2	846.81	1/2	498.28	1/2	145.97	1/2	
3/4	4,243.26	3/4	4,106.59	3/4	3,953.89	3/4	3,794.39	3/4	3,625.06	3/4	3,287.51	3/4	2,937.76	3/4	2,588.02	3/4	2,238.28	3/4	1,888.54	3/4	1,538.84	3/4	1,189.14	3/4	839.53	3/4	491.17	3/4	138.72	3/4	
6	4,241.83	6	4,103.48	6	3,950.63	6	3,791.03	6	3,619.74	6	3,280.22	6	2,930.48	6	2,580.74	6	2,231.00	6	1,881.25	6	1,531.56	6	1,181.85	6	832.25	6	484.06	6	131.46	6	
1/4	4,240.26	1/4	4,100.37	1/4	3,947.37	1/4	3,787.68	1/4	3,614.42	1/4	3,272.93	1/4	2,923.19	1/4	2,573.45	1/4	2,223.71	1/4	1,873.97	1/4	1,524.27	1/4	1,174.57	1/4	824.98	1/4	476.94	1/4	124.49	1/4	
1/2	4,238.54	1/2	4,097.25	1/2	3,944.10	1/2	3,784.32	1/2	3,609.10	1/2	3,265.65	1/2	2,915.91	1/2	2,566.16	1/2	2,216.42	1/2	1,866.68	1/2	1,516.99	1/2	1,167.28	1/2	817.70	1/2	469.83	1/2	117.71	1/2	
3/4	4,236.67	3/4	4,094.14	3/4	3,940.84	3/4	3,780.97	3/4	3,602.99	3/4	3,258.36	3/4	2,908.62	3/4	2,558.88	3/4	2,209.14	3/4	1,859.40	3/4	1,509.71	3/4	1,160.00	3/4	810.42	3/4	462.71	3/4	111.11	3/4	
7	4,234.65	7	4,091.02	7	3,937.57	7	3,777.61	7	3,596.88	7	3,251.07	7	2,901.33	7	2,551.59	7	2,201.85	7	1,852.11	7	1,502.42	7	1,152.71	7	803.15	7	455.60	7	104.69	7	
1/4	4,232.48	1/4	4,087.89	1/4	3,934.29	1/4	3,774.25	1/4	3,590.78	1/4	3,243.79	1/4	2,894.05	1/4	2,544.31	1/4	2,194.56	1/4	1,844.82	1/4	1,495.14	1/4	1,145.42	1/4	795.87	1/4	448.48	1/4	98.50	1/4	
1/2	4,230.16	1/2	4,084.77	1/2	3,931.02	1/2	3,770.90	1/2	3,584.67	1/2	3,236.50	1/2	2,886.76	1/2	2,537.02	1/2	2,187.28	1/2	1,837.54	1/2	1,487.86	1/2	1,138.14	1/2	788.59	1/2	441.37	1/2	92.50	1/2	
3/4	4,227.69	3/4	4,081.64	3/4	3,927.74	3/4	3,767.54	3/4	3,577.78	3/4	3,229.22	3/4	2,879.47	3/4	2,529.73	3/4	2,179.99	3/4	1,830.25	3/4	1,480.57	3/4	1,130.85	3/4	781.32	3/4	434.25	3/4	86.68	3/4	
8	4,225.07	8	4,078.50	8	3,924.45	8	3,764.19	8	3,570.88	8	3,221.93	8	2,872.19	8	2,522.45	8	2,172.71	8	1,822.96	8	1,473.29	8	1,123.57	8	774.04	8	427.14	8	81.05	8	
1/4	4,222.30	1/4	4,075.37	1/4	3,921.17	1/4	3,760.83	1/4	3,563.99	1/4	3,214.64	1/4	2,864.90	1/4	2,515.16	1/4	2,165.42	1/4	1,815.68	1/4	1,466.01	1/4	1,116.28	1/4	766.76	1/4	420.02	1/4	75.59	1/4	
1/2	4,219.38	1/2	4,072.23	1/2	3,917.88	1/2	3,757.47	1/2	3,557.10	1/2	3,207.36	1/2	2,857.62	1/2	2,507.87	1/2	2,158.13	1/2	1,808.39	1/2	1,458.72	1/2	1,108.99	1/2	759.49	1/2	412.91	1/2	70.33	1/2	
3/4	4,216.39	3/4	4,069.09	3/4	3,914.59	3/4	3,754.12	3/4	3,549.81	3/4	3,200.07	3/4	2,850.33	3/4	2,500.59	3/4	2,150.85	3/4	1,801.11	3/4	1,451.43	3/4	1,101.71	3/4	752.21	3/4	405.79	3/4	65.24	Trim	Correction
9	4,213.40	9	4,065.94	9	3,911.29	9	3,750.76	9	3,542.53	9	3,192.78	9	2,843.04	9	2,493.30	9	2,143.56	9	1,793.82	9	1,444.15	9	1,094.42	9	744.94	9	398.68	9	60.34	3"	1/8
1/4	4,210.40	1/4	4,062.79	1/4	3,907.99	1/4	3,747.40	1/4	3,535.24	1/4	3,185.50	1/4	2,835.76	1/4	2,486.02	1/4	2,136.27	1/4	1,786.53	1/4	1,436.86	1/4	1,087.14	1/4	737.66	1/4	391.56	1/4	55.63	6"	1/4
1/2	4,207.39	1/2	4,059.64	1/2	3,904.69	1/2	3,744.05	1/2	3,527.95	1/2	3,178.21	1/2	2,828.47	1/2	2,478.73	1/2	2,128.99	1/2	1,779.25	1/2	1,429.58	1/2	1,079.85	1/2	730.38	1/2	384.45	1/2	51.10	9"	1/2
3/4	4,204.39	3/4	4,056.49	3/4	3,901.39	3/4	3,740.69	3/4	3,520.67	3/4	3,170.93	3/4	2,821.18	3/4	2,471.44	3/4	2,121.70	3/4	1,771.96	3/4	1,422.29	3/4	1,072.56	3/4	723.10	3/4	377.33	3/4	46.75	1' 0"	5/8
10	4,201.38	10	4,053.33	10	3,898.08	10	3,737.34	10	3,513.38	10	3,163.64	10	2,813.90	10	2,464.16	10	2,114.42	10	1,764.67	10	1,415.00	10	1,065.28	10	715.83	10	370.22	10	42.59	1' 3"	3/4
1/4	4,198.37	1/4	4,050.17	1/4	3,894.77	1/4	3,733.98	1/4	3,506.09	1/4	3,156.35	1/4	2,806.61	1/4	2,456.87	1/4	2,107.13	1/4	1,757.39	1/4	1,407.72	1/4	1,057.99	1/4	708.55	1/4	363.10	1/4	38.56	1' 6"	7/8
1/2	4,195.36	1/2	4,047.00	1/2	3,891.45	1/2	3,730.62	1/2	3,498.81	1/2	3,149.07	1/2	2,799.33	1/2	2,449.58	1/2	2,099.84	1/2	1,750.10	1/2	1,400.43	1/2	1,050.71	1/2	701.27	1/2	355.87	1/2	34.72	1' 0"	1
3/4	4,192.34	3/4	4,043.84	3/4	3,888.14	3/4	3,727.27	3/4	3,491.52	3/4	3,141.78	3/4	2,792.04	3/4	2,442.30	3/4	2,092.56	3/4	1,742.82	3/4	1,393.14	3/4	1,043.42	3/4	693.99	3/4	348.63	3/4	31.06	2' 0"	1 1/8
11	4,189.32	11	4,040.67	11	3,884.82	11	3,723.91	11	3,484.24	11	3,134.49	11	2,784.75	11	2,435.01	11	2,085.27	11	1,735.53	11	1,385.86	11	1,036.13	11	686.72	11	341.40	11	27.59	2' 3"	1 3/8
1/4	4,186.30	1/4	4,037.49	1/4	3,881.49	1/4	3,720.56	1/4	3,476.95	1/4	3,127.21	1/4	2,777.47	1/4	2,427.73	1/4	2,077.98	1/4	1,728.24	1/4	1,378.57	1/4	1,028.85	1/4	679.44	1/4	334.16	1/4	24.31	2' 6"	1 1/2
1/2	4,183.27	1/2	4,034.32	1/2	3,878.17	1/2	3,717.20	1/2	3,469.66	1/2	3,119.92	1/2	2,770.18	1/2	2,420.44	1/2	2,070.70	1/2	1,720.96	1/2	1,371.29	1/2	1,021.56	1/2	672.16	1/2	326.93	1/2	21.21	2' 9"	1 5/8
3/4	4,180.24	3/4	4,031.14	3/4	3,874.84	3/4	3,713.84	3/4	3,462.38	3/4	3,112.64	3/4	2,762.89	3/4	2,413.15	3/4	2,063.41	3/4	1,713.67	3/4	1,364.00	3/4	1,014.28	3/4	664.88	3/4	319.69	3/4		3' 0"	1 3/4

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.

NOTE: GAUGE POINT LOCATED 32' 9" FROM FORWARD BULKHEAD - TRIM CORRECTION FOR STERN TRIM, ADD TO ULLAGE.

NOTE: FOR ULLAGES LESS THAN 5' 3" - TRIM CORRECTION SUBTRACT 1/2" PER FOOT OF TRIM

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL

NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

DATE STRAPPED: 8/19/2013 BY: JMF

DATE COMPUTED: 9/06/2013 BY: WHF

DATE ISSUED: 9/09/2013

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

FUEL TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT: 4' 2 1/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	0	**6**	2,055	**0**	4,110	**6**	6,165	**0**	8,220	**6**	10,275	**0**	12,330	**6**	14,330	**0**		**6**	
1/8	43	1/8	2,098	1/8	4,153	1/8	6,208	1/8	8,263	1/8	10,318	1/8	12,373	1/8	14,370	1/8		1/8	
1/4	86	1/4	2,141	1/4	4,196	1/4	6,251	1/4	8,306	1/4	10,361	1/4	12,416	1/4	14,408	1/4		1/4	
3/8	128	3/8	2,184	3/8	4,239	3/8	6,294	3/8	8,349	3/8	10,404	3/8	12,459	3/8	14,444	3/8		3/8	
1/2	171	1/2	2,226	1/2	4,281	1/2	6,336	1/2	8,392	1/2	10,447	1/2	12,502	1/2	14,479	1/2		1/2	
5/8	214	5/8	2,269	5/8	4,324	5/8	6,379	5/8	8,434	5/8	10,489	5/8	12,545	5/8	14,512	5/8		5/8	
3/4	257	3/4	2,312	3/4	4,367	3/4	6,422	3/4	8,477	3/4	10,532	3/4	12,587	3/4	14,543	3/4		3/4	
7/8	300	7/8	2,355	7/8	4,410	7/8	6,465	7/8	8,520	7/8	10,575	7/8	12,630	7/8	14,572	7/8		7/8	
1	343	**7**	2,398	**1**	4,453	**7**	6,508	**1**	8,563	**7**	10,618	**1**	12,673	**7**	14,600	**1**		**7**	
1/8	385	1/8	2,440	1/8	4,495	1/8	6,551	1/8	8,606	1/8	10,661	1/8	12,714	1/8	14,626	1/8		1/8	
1/4	428	1/4	2,483	1/4	4,538	1/4	6,593	1/4	8,648	1/4	10,704	1/4	12,756	1/4	14,650	1/4		1/4	
3/8	471	3/8	2,526	3/8	4,581	3/8	6,636	3/8	8,691	3/8	10,746	3/8	12,797	3/8	14,672	3/8		3/8	
1/2	514	1/2	2,569	1/2	4,624	1/2	6,679	1/2	8,734	1/2	10,789	1/2	12,839	1/2	14,693	1/2		1/2	
5/8	557	5/8	2,612	5/8	4,667	5/8	6,722	5/8	8,777	5/8	10,832	5/8	12,880	5/8	14,712	5/8		5/8	
3/4	599	3/4	2,654	3/4	4,710	3/4	6,765	3/4	8,820	3/4	10,875	3/4	12,922	3/4	14,729	3/4		3/4	
7/8	642	7/8	2,697	7/8	4,752	7/8	6,807	7/8	8,863	7/8	10,918	7/8	12,963	7/8	14,745	7/8		7/8	
2	685	**8**	2,740	**2**	4,795	**8**	6,850	**2**	8,905	**8**	10,960	**2**	13,004	**8**	14,758	**2**		**8**	
1/8	728	1/8	2,783	1/8	4,838	1/8	6,893	1/8	8,948	1/8	11,003	1/8	13,046	1/8	14,771	1/8		1/8	
1/4	771	1/4	2,826	1/4	4,881	1/4	6,936	1/4	8,991	1/4	11,046	1/4	13,087	1/4	14,781	1/4		1/4	
3/8	813	3/8	2,869	3/8	4,924	3/8	6,979	3/8	9,034	3/8	11,089	3/8	13,129	3/8	14,790	3/8		3/8	
1/2	856	1/2	2,911	1/2	4,966	1/2	7,022	1/2	9,077	1/2	11,132	1/2	13,170	1/2	14,796	1/2		1/2	
5/8	899	5/8	2,954	5/8	5,009	5/8	7,064	5/8	9,119	5/8	11,174	5/8	13,212	5/8	14,802	5/8		5/8	
3/4	942	3/4	2,997	3/4	5,052	3/4	7,107	3/4	9,162	3/4	11,217	3/4	13,253	3/4	14,805	3/4		3/4	
7/8	985	7/8	3,040	7/8	5,095	7/8	7,150	7/8	9,205	7/8	11,260	7/8	13,294	7/8	14,807	7/8		7/8	
3	1,028	**9**	3,083	**3**	5,138	**9**	7,193	**3**	9,248	**9**	11,303	**3**	13,336	**9**		**3**		**9**	
1/8	1,070	1/8	3,125	1/8	5,181	1/8	7,236	1/8	9,291	1/8	11,346	1/8	13,377	1/8		1/8		1/8	
1/4	1,113	1/4	3,168	1/4	5,223	1/4	7,278	1/4	9,333	1/4	11,389	1/4	13,419	1/4		1/4		1/4	
3/8	1,156	3/8	3,211	3/8	5,266	3/8	7,321	3/8	9,376	3/8	11,431	3/8	13,460	3/8		3/8		3/8	
1/2	1,199	1/2	3,254	1/2	5,309	1/2	7,364	1/2	9,419	1/2	11,474	1/2	13,502	1/2		1/2		1/2	
5/8	1,242	5/8	3,297	5/8	5,352	5/8	7,407	5/8	9,462	5/8	11,517	5/8	13,543	5/8		5/8		5/8	
3/4	1,284	3/4	3,339	3/4	5,395	3/4	7,450	3/4	9,505	3/4	11,560	3/4	13,585	3/4		3/4		3/4	
7/8	1,327	7/8	3,382	7/8	5,437	7/8	7,492	7/8	9,548	7/8	11,603	7/8	13,626	7/8		7/8		7/8	
4	1,370	**10**	3,425	**4**	5,480	**10**	7,535	**4**	9,590	**10**	11,645	**4**	13,667	**10**		**4**		**10**	
1/8	1,413	1/8	3,468	1/8	5,523	1/8	7,578	1/8	9,633	1/8	11,688	1/8	13,709	1/8		1/8		1/8	
1/4	1,456	1/4	3,511	1/4	5,566	1/4	7,621	1/4	9,676	1/4	11,731	1/4	13,750	1/4		1/4		1/4	
3/8	1,498	3/8	3,554	3/8	5,609	3/8	7,664	3/8	9,719	3/8	11,774	3/8	13,792	3/8		3/8		3/8	
1/2	1,541	1/2	3,596	1/2	5,651	1/2	7,707	1/2	9,762	1/2	11,817	1/2	13,833	1/2		1/2		1/2	
5/8	1,584	5/8	3,639	5/8	5,694	5/8	7,749	5/8	9,804	5/8	11,860	5/8	13,875	5/8		5/8		5/8	
3/4	1,627	3/4	3,682	3/4	5,737	3/4	7,792	3/4	9,847	3/4	11,902	3/4	13,916	3/4		3/4		3/4	
7/8	1,670	7/8	3,725	7/8	5,780	7/8	7,835	7/8	9,890	7/8	11,945	7/8	13,957	7/8		7/8		7/8	
5	1,713	**11**	3,768	**5**	5,823	**11**	7,878	**5**	9,933	**11**	11,988	**5**	13,999	**11**		**5**		**11**	
1/8	1,755	1/8	3,810	1/8	5,866	1/8	7,921	1/8	9,976	1/8	12,031	1/8	14,040	1/8		1/8		1/8	
1/4	1,798	1/4	3,853	1/4	5,908	1/4	7,963	1/4	10,018	1/4	12,074	1/4	14,082	1/4		1/4		1/4	
3/8	1,841	3/8	3,896	3/8	5,951	3/8	8,006	3/8	10,061	3/8	12,116	3/8	14,123	3/8		3/8		3/8	
1/2	1,884	1/2	3,939	1/2	5,994	1/2	8,049	1/2	10,104	1/2	12,159	1/2	14,165	1/2		1/2		1/2	
5/8	1,927	5/8	3,982	5/8	6,037	5/8	8,092	5/8	10,147	5/8	12,202	5/8	14,206	5/8		5/8		5/8	
3/4	1,969	3/4	4,025	3/4	6,080	3/4	8,135	3/4	10,190	3/4	12,245	3/4	14,247	3/4		3/4		3/4	
7/8	2,012	7/8	4,067	7/8	6,122	7/8	8,177	7/8	10,233	7/8	12,288	7/8	14,289	7/8		7/8		7/8	

DATE STRAPPED: 8/19/2013 BY: JMF

DATE COMPUTED: 9/06/2013 BY: WHF

DATE ISSUED: 9/09/2013

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

INTERTEK - CALEB BRETT

BARGE: GM 1000

HULL No. 13-2780

FUEL TANK

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT: 4'-2 1/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0		**6**	14,781	**0**	13,087	**6**	11,046	**0**	8,991	**6**	6,936	**0**	4,881	**6**	2,826	**0**	771	**6**	
1/8		1/8	14,771	1/8	13,046	1/8	11,003	1/8	8,948	1/8	6,893	1/8	4,838	1/8	2,783	1/8	728	1/8	
1/4		1/4	14,758	1/4	13,004	1/4	10,960	1/4	8,905	1/4	6,850	1/4	4,795	1/4	2,740	1/4	685	1/4	
3/8		3/8	14,745	3/8	12,963	3/8	10,918	3/8	8,863	3/8	6,807	3/8	4,752	3/8	2,697	3/8	642	3/8	
1/2		1/2	14,729	1/2	12,922	1/2	10,875	1/2	8,820	1/2	6,765	1/2	4,710	1/2	2,654	1/2	599	1/2	
5/8		5/8	14,712	5/8	12,880	5/8	10,832	5/8	8,777	5/8	6,722	5/8	4,667	5/8	2,612	5/8	557	5/8	
3/4		3/4	14,693	3/4	12,839	3/4	10,789	3/4	8,734	3/4	6,679	3/4	4,624	3/4	2,569	3/4	514	3/4	
7/8		7/8	14,672	7/8	12,797	7/8	10,746	7/8	8,691	7/8	6,636	7/8	4,581	7/8	2,526	7/8	471	7/8	
1		**7**	14,650	**1**	12,756	**7**	10,704	**1**	8,648	**7**	6,593	**1**	4,538	**7**	2,483	**1**	428	**7**	
1/8		1/8	14,626	1/8	12,714	1/8	10,661	1/8	8,606	1/8	6,551	1/8	4,495	1/8	2,440	1/8	385	1/8	
1/4		1/4	14,600	1/4	12,673	1/4	10,618	1/4	8,563	1/4	6,508	1/4	4,453	1/4	2,398	1/4	343	1/4	
3/8		3/8	14,572	3/8	12,630	3/8	10,575	3/8	8,520	3/8	6,465	3/8	4,410	3/8	2,355	3/8	300	3/8	
1/2		1/2	14,543	1/2	12,587	1/2	10,532	1/2	8,477	1/2	6,422	1/2	4,367	1/2	2,312	1/2	257	1/2	
5/8		5/8	14,512	5/8	12,545	5/8	10,489	5/8	8,434	5/8	6,379	5/8	4,324	5/8	2,269	5/8	214	5/8	
3/4		3/4	14,479	3/4	12,502	3/4	10,447	3/4	8,392	3/4	6,336	3/4	4,281	3/4	2,226	3/4	171	3/4	
7/8		7/8	14,444	7/8	12,459	7/8	10,404	7/8	8,349	7/8	6,294	7/8	4,239	7/8	2,184	7/8	128	7/8	
2		**8**	14,408	**2**	12,416	**8**	10,361	**2**	8,306	**8**	6,251	**2**	4,196	**8**	2,141	**2**	86	**8**	
1/8		1/8	14,370	1/8	12,373	1/8	10,318	1/8	8,263	1/8	6,208	1/8	4,153	1/8	2,098	1/8	43	1/8	
1/4		1/4	14,330	1/4	12,330	1/4	10,275	1/4	8,220	1/4	6,165	1/4	4,110	1/4	2,055	1/4	0	1/4	
3/8		3/8	14,289	3/8	12,288	3/8	10,233	3/8	8,177	3/8	6,122	3/8	4,067	3/8	2,012	3/8		3/8	
1/2		1/2	14,247	1/2	12,245	1/2	10,190	1/2	8,135	1/2	6,080	1/2	4,025	1/2	1,969	1/2		1/2	
5/8		5/8	14,206	5/8	12,202	5/8	10,147	5/8	8,092	5/8	6,037	5/8	3,982	5/8	1,927	5/8		5/8	
3/4		3/4	14,165	3/4	12,159	3/4	10,104	3/4	8,049	3/4	5,994	3/4	3,939	3/4	1,884	3/4		3/4	
7/8		7/8	14,123	7/8	12,116	7/8	10,061	7/8	8,006	7/8	5,951	7/8	3,896	7/8	1,841	7/8		7/8	
3		**9**	14,082	**3**	12,074	**9**	10,018	**3**	7,963	**9**	5,908	**3**	3,853	**9**	1,798	**3**		**9**	
1/8		1/8	14,040	1/8	12,031	1/8	9,976	1/8	7,921	1/8	5,866	1/8	3,810	1/8	1,755	1/8		1/8	
1/4		1/4	13,999	1/4	11,988	1/4	9,933	1/4	7,878	1/4	5,823	1/4	3,768	1/4	1,713	1/4		1/4	
3/8		3/8	13,957	3/8	11,945	3/8	9,890	3/8	7,835	3/8	5,780	3/8	3,725	3/8	1,670	3/8		3/8	
1/2		1/2	13,916	1/2	11,902	1/2	9,847	1/2	7,792	1/2	5,737	1/2	3,682	1/2	1,627	1/2		1/2	
5/8		5/8	13,875	5/8	11,860	5/8	9,804	5/8	7,749	5/8	5,694	5/8	3,639	5/8	1,584	5/8		5/8	
3/4		3/4	13,833	3/4	11,817	3/4	9,762	3/4	7,707	3/4	5,651	3/4	3,596	3/4	1,541	3/4		3/4	
7/8		7/8	13,792	7/8	11,774	7/8	9,719	7/8	7,664	7/8	5,609	7/8	3,554	7/8	1,498	7/8		7/8	
4		**10**	13,750	**4**	11,731	**10**	9,676	**4**	7,621	**10**	5,566	**4**	3,511	**10**	1,456	**4**		**10**	
1/8		1/8	13,709	1/8	11,688	1/8	9,633	1/8	7,578	1/8	5,523	1/8	3,468	1/8	1,413	1/8		1/8	
1/4		1/4	13,667	1/4	11,645	1/4	9,590	1/4	7,535	1/4	5,480	1/4	3,425	1/4	1,370	1/4		1/4	
3/8		3/8	13,626	3/8	11,603	3/8	9,548	3/8	7,492	3/8	5,437	3/8	3,382	3/8	1,327	3/8		3/8	
1/2		1/2	13,585	1/2	11,560	1/2	9,505	1/2	7,450	1/2	5,395	1/2	3,339	1/2	1,284	1/2		1/2	
5/8		5/8	13,543	5/8	11,517	5/8	9,462	5/8	7,407	5/8	5,352	5/8	3,297	5/8	1,242	5/8		5/8	
3/4		3/4	13,502	3/4	11,474	3/4	9,419	3/4	7,364	3/4	5,309	3/4	3,254	3/4	1,199	3/4		3/4	
7/8		7/8	13,460	7/8	11,431	7/8	9,376	7/8	7,321	7/8	5,266	7/8	3,211	7/8	1,156	7/8		7/8	
5		**11**	13,419	**5**	11,389	**11**	9,333	**5**	7,278	**11**	5,223	**5**	3,168	**11**	1,113	**5**		**11**	
1/8		1/8	13,377	1/8	11,346	1/8	9,291	1/8	7,236	1/8	5,181	1/8	3,125	1/8	1,070	1/8		1/8	
1/4		1/4	13,336	1/4	11,303	1/4	9,248	1/4	7,193	1/4	5,138	1/4	3,083	1/4	1,028	1/4		1/4	
3/8	14,807	3/8	13,294	3/8	11,260	3/8	9,205	3/8	7,150	3/8	5,095	3/8	3,040	3/8	985	3/8		3/8	
1/2	14,805	1/2	13,253	1/2	11,217	1/2	9,162	1/2	7,107	1/2	5,052	1/2	2,997	1/2	942	1/2		1/2	
5/8	14,802	5/8	13,212	5/8	11,174	5/8	9,119	5/8	7,064	5/8	5,009	5/8	2,954	5/8	899	5/8		5/8	
3/4	14,796	3/4	13,170	3/4	11,132	3/4	9,077	3/4	7,022	3/4	4,966	3/4	2,911	3/4	856	3/4		3/4	
7/8	14,790	7/8	13,129	7/8	11,089	7/8	9,034	7/8	6,979	7/8	4,924	7/8	2,869	7/8	813	7/8		7/8	

CAPACITY AT ZERO IS THE VOLUMES AT THE GAUGE POINT DUE TO TANK BOTTOM SLOPE.

SHADED AREA OF TABLE IS THE VOLUMES BELOW THE STRIKE POINT DUE TO CAMBERED BOTTOM.

DATE STRAPPED: 8/19/2013 BY: JMF

DATE COMPUTED: 9/06/2013 BY: WHF

DATE ISSUED: 9/09/2013

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

INTERTEK - CALEB BRETT