

BARGE "EBL 2971"

3 PORT

ULLAGE TABLE



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,466.51	0	2,112.31	0	1,757.72	0	1,401.23	0	1,048.67	0	699.00	0	342.34	0	9.57	0			
1/2	2,459.12	1/2	2,104.95	1/2	1,750.29	1/2	1,393.81	1/2	1,041.47	1/2	691.57	1/2	334.91	1/2	7.80	1/2			
1	2,451.73	1	2,097.58	1	1,742.88	1	1,386.38	1	1,034.27	1	684.14	1	327.48	1	5.94	1			
3/4	2,444.34	3/4	2,090.22	3/4	1,735.44	3/4	1,378.95	3/4	1,027.08	3/4	676.71	3/4	320.05	3/4	4.08	3/4			
1	2,436.96	1	2,082.86	1	1,728.01	1	1,371.53	1	1,019.88	1	669.28	1	312.62	1	2.23	1			
1 1/4	2,429.57	1 1/4	2,075.49	1 1/4	1,720.58	1 1/4	1,364.10	1 1/4	1,012.68	1 1/4	661.85	1 1/4	305.19	1 1/4		1 1/4			
1 1/2	2,422.18	1 1/2	2,068.13	1 1/2	1,713.16	1 1/2	1,356.67	1 1/2	1,005.48	1 1/2	654.41	1 1/2	297.76	1 1/2		1 1/2			
1 3/4	2,414.79	1 3/4	2,060.76	1 3/4	1,705.73	1 3/4	1,349.25	1 3/4	998.29	1 3/4	646.98	1 3/4	290.33	1 3/4		1 3/4			
2	2,407.40	2	2,053.40	2	1,698.30	2	1,341.82	2	991.09	2	639.55	2	282.90	2		2			
2 1/4	2,399.99	2 1/4	2,046.04	2 1/4	1,690.88	2 1/4	1,334.39	2 1/4	983.89	2 1/4	632.12	2 1/4	275.48	2 1/4		2 1/4			
2 1/2	2,392.63	2 1/2	2,038.67	2 1/2	1,683.45	2 1/2	1,326.97	2 1/2	976.70	2 1/2	624.69	2 1/2	268.05	2 1/2		2 1/2			
2 3/4	2,385.24	2 3/4	2,031.31	2 3/4	1,676.02	2 3/4	1,319.54	2 3/4	969.50	2 3/4	617.26	2 3/4	260.52	2 3/4		2 3/4			
3	2,377.85	3	2,023.95	3	1,668.60	3	1,312.11	3	962.30	3	609.83	3	253.19	3		3			
3 1/4	2,370.46	3 1/4	2,016.58	3 1/4	1,661.17	3 1/4	1,304.69	3 1/4	955.11	3 1/4	602.40	3 1/4	245.76	3 1/4		3 1/4			
3 1/2	2,363.07	3 1/2	2,009.22	3 1/2	1,653.74	3 1/2	1,297.26	3 1/2	947.91	3 1/2	594.97	3 1/2	238.33	3 1/2		3 1/2			
3 3/4	2,355.69	3 3/4	2,001.85	3 3/4	1,646.32	3 3/4	1,289.83	3 3/4	940.71	3 3/4	587.54	3 3/4	230.90	3 3/4		3 3/4			
4	2,348.30	4	1,994.49	4	1,638.99	4	1,282.41	4	933.51	4	580.11	4	223.47	4		4			
4 1/4	2,340.91	4 1/4	1,987.13	4 1/4	1,631.46	4 1/4	1,274.98	4 1/4	926.32	4 1/4	572.67	4 1/4	216.03	4 1/4		4 1/4			
4 1/2	2,333.52	4 1/2	1,979.76	4 1/2	1,624.04	4 1/2	1,267.55	4 1/2	919.12	4 1/2	565.24	4 1/2	208.60	4 1/2		4 1/2			
4 3/4	2,326.13	4 3/4	1,972.40	4 3/4	1,616.61	4 3/4	1,260.13	4 3/4	911.92	4 3/4	557.81	4 3/4	201.17	4 3/4		4 3/4			
5	2,318.74	5	1,965.03	5	1,609.18	5	1,252.70	5	904.73	5	550.38	5	193.74	5		5			
5 1/4	2,311.36	5 1/4	1,957.67	5 1/4	1,601.76	5 1/4	1,245.27	5 1/4	897.53	5 1/4	542.95	5 1/4	186.31	5 1/4		5 1/4			
5 1/2	2,303.97	5 1/2	1,950.31	5 1/2	1,594.33	5 1/2	1,237.85	5 1/2	890.33	5 1/2	535.52	5 1/2	178.88	5 1/2		5 1/2			
5 3/4	2,296.58	5 3/4	1,942.94	5 3/4	1,586.90	5 3/4	1,230.42	5 3/4	883.13	5 3/4	528.09	5 3/4	171.45	5 3/4		5 3/4			
6	2,289.19	6	1,935.58	6	1,579.48	6	1,222.99	6	875.94	6	520.66	6	164.02	6		6			
6 1/4	2,281.80	6 1/4	1,928.22	6 1/4	1,572.05	6 1/4	1,215.57	6 1/4	868.74	6 1/4	513.23	6 1/4	156.58	6 1/4		6 1/4			
6 1/2	2,274.42	6 1/2	1,920.85	6 1/2	1,564.62	6 1/2	1,208.14	6 1/2	861.54	6 1/2	505.80	6 1/2	149.15	6 1/2		6 1/2			
6 3/4	2,267.03	6 3/4	1,913.49	6 3/4	1,557.20	6 3/4	1,200.71	6 3/4	854.35	6 3/4	498.37	6 3/4	141.72	6 3/4		6 3/4			
7	2,259.64	7	1,906.12	7	1,549.77	7	1,193.28	7	847.15	7	490.93	7	134.29	7		7			
7 1/4	2,252.26	7 1/4	1,898.73	7 1/4	1,542.34	7 1/4	1,185.97	7 1/4	839.94	7 1/4	483.50	7 1/4	126.85	7 1/4		7 1/4			
7 1/2	2,244.89	7 1/2	1,891.33	7 1/2	1,534.92	7 1/2	1,178.64	7 1/2	832.52	7 1/2	476.07	7 1/2	119.42	7 1/2		7 1/2			
7 3/4	2,237.51	7 3/4	1,883.94	7 3/4	1,527.49	7 3/4	1,171.32	7 3/4	825.21	7 3/4	468.64	7 3/4	111.98	7 3/4		7 3/4			
8	2,230.13	8	1,876.54	8	1,520.06	8	1,164.00	8	817.89	8	461.22	8	104.55	8		8			
8 1/4	2,222.77	8 1/4	1,869.12	8 1/4	1,512.64	8 1/4	1,156.78	8 1/4	810.48	8 1/4	453.79	8 1/4	97.11	8 1/4		8 1/4			
8 1/2	2,215.40	8 1/2	1,861.69	8 1/2	1,505.21	8 1/2	1,149.57	8 1/2	803.03	8 1/2	446.36	8 1/2	89.67	8 1/2		8 1/2			
8 3/4	2,208.04	8 3/4	1,854.26	8 3/4	1,497.78	8 3/4	1,142.35	8 3/4	795.80	8 3/4	438.93	8 3/4	82.23	8 3/4		8 3/4			
9	2,200.68	9	1,846.84	9	1,490.36	9	1,135.13	9	788.17	9	431.50	9	74.79	9		9			
9 1/4	2,193.31	9 1/4	1,839.41	9 1/4	1,482.93	9 1/4	1,127.92	9 1/4	780.74	9 1/4	424.07	9 1/4	67.81	9 1/4		9 1/4			
9 1/2	2,185.95	9 1/2	1,831.98	9 1/2	1,475.50	9 1/2	1,120.71	9 1/2	773.31	9 1/2	416.64	9 1/2	60.83	9 1/2		9 1/2			
9 3/4	2,178.58	9 3/4	1,824.56	9 3/4	1,468.08	9 3/4	1,113.50	9 3/4	765.88	9 3/4	409.21	9 3/4	53.85	9 3/4		9 3/4			
10	2,171.22	10	1,817.13	10	1,460.65	10	1,106.29	10	758.45	10	401.78	10	46.88	10		10			
10 1/4	2,163.86	10 1/4	1,809.70	10 1/4	1,453.22	10 1/4	1,099.09	10 1/4	751.02	10 1/4	394.35	10 1/4	41.30	10 1/4		10 1/4			
10 1/2	2,156.49	10 1/2	1,802.28	10 1/2	1,445.79	10 1/2	1,091.88	10 1/2	743.58	10 1/2	386.92	10 1/2	35.71	10 1/2		10 1/2			
10 3/4	2,149.13	10 3/4	1,794.85	10 3/4	1,438.37	10 3/4	1,084.68	10 3/4	736.15	10 3/4	379.49	10 3/4	30.13	10 3/4		10 3/4			
11	2,141.77	11	1,787.42	11	1,430.94	11	1,077.47	11	728.72	11	372.06	11	24.55	11		11			
11 1/4	2,134.40	11 1/4	1,780.00	11 1/4	1,423.51	11 1/4	1,070.27	11 1/4	721.29	11 1/4	364.63	11 1/4	20.83	11 1/4		11 1/4			
11 1/2	2,127.04	11 1/2	1,772.57	11 1/2	1,416.09	11 1/2	1,063.07	11 1/2	713.86	11 1/2	357.20	11 1/2	17.11	11 1/2		11 1/2			
11 3/4	2,119.67	11 3/4	1,765.14	11 3/4	1,408.66	11 3/4	1,055.87	11 3/4	706.43	11 3/4	349.77	11 3/4	13.39	11 3/4		11 3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 08/14/2015 CL
 CALCULATED: 08/15/2015 CL
 PRINTED: 08/16/2015 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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HSM 3142 FORMERLY BARGE "EBL 2971"



3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4
12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2
12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN ON EXPANSION DOME.
GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.
GAUGE POINT: (10" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

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

HSM 3142 FORMERLY BARGE "EBL 2971"



3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2,493.14	0	2,135.98	0	1,778.63	0	1,421.37	0	1,064.20	0	707.41	0	350.17	0	13.39	0		0	
1/4	2,485.69	1/4	2,128.44	1/4	1,771.18	1/4	1,413.93	1/4	1,056.77	1/4	699.97	1/4	342.73	1/4	9.67	1/4		1/4	
1/2	2,478.25	1/2	2,121.00	1/2	1,763.74	1/2	1,406.48	1/2	1,049.34	1/2	692.53	1/2	335.28	1/2	7.81	1/2		1/2	
3/4	2,470.81	3/4	2,113.55	3/4	1,756.30	3/4	1,399.04	3/4	1,041.92	3/4	685.09	3/4	327.84	3/4	5.95	3/4		3/4	
1	2,463.36	1	2,106.11	1	1,748.86	1	1,391.60	1	1,034.49	1	677.64	1	320.40	1	4.09	1		1	
1 1/4	2,455.92	1 1/4	2,098.67	1 1/4	1,741.41	1 1/4	1,384.16	1 1/4	1,027.06	1 1/4	670.20	1 1/4	312.96	1 1/4	2.23	1 1/4		1 1/4	
1 1/2	2,448.48	1 1/2	2,091.22	1 1/2	1,733.97	1 1/2	1,376.72	1 1/2	1,019.63	1 1/2	662.76	1 1/2	305.51	1 1/2		1 1/2		1 1/2	
2	2,441.04	2	2,083.78	2	1,726.53	2	1,369.27	2	1,012.20	2	655.32	2	298.07	2	3.4	2		2	
2 1/4	2,433.59	2 1/4	2,076.34	2 1/4	1,719.08	2 1/4	1,361.83	2 1/4	1,004.78	2 1/4	647.87	2 1/4	290.63	2 1/4	2	2		2 1/4	
2 1/2	2,426.15	2 1/2	2,068.90	2 1/2	1,711.64	2 1/2	1,354.39	2 1/2	997.35	2 1/2	640.43	2 1/2	283.19	2 1/2	1.4	2 1/2		2 1/2	
3	2,418.71	3	2,061.45	3	1,704.20	3	1,346.94	3	989.92	3	632.99	3	275.74	3	1.2	3		3	
3 1/4	2,411.26	3 1/4	2,054.01	3 1/4	1,696.76	3 1/4	1,339.50	3 1/4	982.49	3 1/4	625.54	3 1/4	268.30	3 1/4	3.4	3 1/4		3 1/4	
3 1/2	2,403.82	3 1/2	2,046.57	3 1/2	1,689.31	3 1/2	1,332.06	3 1/2	975.07	3 1/2	618.10	3 1/2	260.86	3 1/2	3	3		3 1/2	
4	2,396.38	4	2,039.12	4	1,681.87	4	1,324.62	4	967.64	4	610.66	4	253.41	4	1.4	4		4	
4 1/4	2,388.94	4 1/4	2,031.68	4 1/4	1,674.43	4 1/4	1,317.17	4 1/4	960.21	4 1/4	603.22	4 1/4	245.97	4 1/4	1.2	4 1/4		4 1/4	
4 1/2	2,381.49	4 1/2	2,024.24	4 1/2	1,666.98	4 1/2	1,309.73	4 1/2	952.78	4 1/2	595.77	4 1/2	238.53	4 1/2	3.4	4 1/2		4 1/2	
5	2,374.05	5	2,016.80	5	1,659.54	5	1,302.29	5	945.36	5	588.33	5	231.09	5	4	5		5	
5 1/4	2,366.61	5 1/4	2,009.35	5 1/4	1,652.10	5 1/4	1,294.84	5 1/4	937.93	5 1/4	580.89	5 1/4	223.64	5 1/4	1.4	5 1/4		5 1/4	
5 1/2	2,359.16	5 1/2	2,001.91	5 1/2	1,644.66	5 1/2	1,287.40	5 1/2	930.50	5 1/2	573.45	5 1/2	216.20	5 1/2	1.2	5 1/2		5 1/2	
6	2,351.72	6	1,994.47	6	1,637.21	6	1,279.96	6	923.07	6	566.00	6	208.76	6	3.4	6		6	
6 1/4	2,344.28	6 1/4	1,987.02	6 1/4	1,629.77	6 1/4	1,272.52	6 1/4	915.64	6 1/4	558.56	6 1/4	201.32	6 1/4	5	6 1/4		6 1/4	
6 1/2	2,336.84	6 1/2	1,979.58	6 1/2	1,622.33	6 1/2	1,265.07	6 1/2	908.22	6 1/2	551.12	6 1/2	193.87	6 1/2	1.4	6 1/2		6 1/2	
7	2,329.39	7	1,972.14	7	1,614.88	7	1,257.63	7	900.79	7	543.68	7	186.43	7	1.2	7		7	
7 1/4	2,321.95	7 1/4	1,964.70	7 1/4	1,607.44	7 1/4	1,250.19	7 1/4	893.36	7 1/4	536.23	7 1/4	178.99	7 1/4	3.4	7 1/4		7 1/4	
7 1/2	2,314.51	7 1/2	1,957.25	7 1/2	1,600.00	7 1/2	1,242.74	7 1/2	885.93	7 1/2	528.79	7 1/2	171.55	7 1/2	6	7 1/2		7 1/2	
8	2,307.07	8	1,949.81	8	1,592.56	8	1,235.30	8	878.51	8	521.35	8	164.10	8	1.4	8		8	
8 1/4	2,299.62	8 1/4	1,942.37	8 1/4	1,585.11	8 1/4	1,227.86	8 1/4	871.08	8 1/4	513.91	8 1/4	156.66	8 1/4	1.2	8 1/4		8 1/4	
8 1/2	2,292.18	8 1/2	1,934.93	8 1/2	1,577.67	8 1/2	1,220.42	8 1/2	863.65	8 1/2	506.46	8 1/2	149.22	8 1/2	3.4	8 1/2		8 1/2	
9	2,284.74	9	1,927.48	9	1,570.23	9	1,212.97	9	856.22	9	499.02	9	141.78	9	7	9		9	
9 1/4	2,277.29	9 1/4	1,920.04	9 1/4	1,562.79	9 1/4	1,205.53	9 1/4	848.80	9 1/4	491.58	9 1/4	134.33	9 1/4	1.4	9 1/4		9 1/4	
9 1/2	2,269.85	9 1/2	1,912.60	9 1/2	1,555.34	9 1/2	1,198.09	9 1/2	841.36	9 1/2	484.14	9 1/2	126.89	9 1/2	1.2	9 1/2		9 1/2	
10	2,262.41	10	1,905.15	10	1,547.90	10	1,190.65	10	833.92	10	476.59	10	119.45	10	3.4	10		10	
10 1/4	2,254.97	10 1/4	1,897.71	10 1/4	1,540.46	10 1/4	1,183.20	10 1/4	826.49	10 1/4	469.25	10 1/4	112.01	10 1/4	6	10 1/4		10 1/4	
10 1/2	2,247.52	10 1/2	1,890.27	10 1/2	1,533.01	10 1/2	1,175.76	10 1/2	819.05	10 1/2	461.81	10 1/2	104.55	10 1/2	1.4	10 1/2		10 1/2	
11	2,240.08	11	1,882.83	11	1,525.57	11	1,168.32	11	811.61	11	454.37	11	97.12	11	1.2	11		11	
11 1/4	2,232.64	11 1/4	1,875.38	11 1/4	1,518.13	11 1/4	1,160.87	11 1/4	804.17	11 1/4	446.92	11 1/4	89.68	11 1/4	3.4	11 1/4		11 1/4	
11 1/2	2,225.19	11 1/2	1,867.94	11 1/2	1,510.69	11 1/2	1,153.43	11 1/2	796.72	11 1/2	439.48	11 1/2	82.24	11 1/2	6	11 1/2		11 1/2	
12	2,217.75	12	1,860.50	12	1,503.24	12	1,145.99	12	789.28	12	432.04	12	74.79	12	1.4	12		12	
12 1/4	2,210.31	12 1/4	1,853.05	12 1/4	1,495.80	12 1/4	1,138.55	12 1/4	781.84	12 1/4	424.59	12 1/4	67.81	12 1/4	1.2	12 1/4		12 1/4	
12 1/2	2,202.87	12 1/2	1,845.61	12 1/2	1,488.36	12 1/2	1,131.11	12 1/2	774.40	12 1/2	417.15	12 1/2	60.84	12 1/2	3.4	12 1/2		12 1/2	
13	2,195.42	13	1,838.17	13	1,480.91	13	1,123.67	13	766.95	13	409.71	13	53.86	13	10	13		13	
13 1/4	2,187.98	13 1/4	1,830.73	13 1/4	1,473.47	13 1/4	1,116.23	13 1/4	759.51	13 1/4	402.27	13 1/4	46.88	13 1/4	1.4	13 1/4		13 1/4	
13 1/2	2,180.54	13 1/2	1,823.28	13 1/2	1,466.03	13 1/2	1,108.80	13 1/2	752.07	13 1/2	394.82	13 1/2	41.30	13 1/2	1.2	13 1/2		13 1/2	
14	2,173.09	14	1,815.84	14	1,458.59	14	1,101.36	14	744.63	14	387.38	14	35.72	14	3.4	14		14	
14 1/4	2,165.65	14 1/4	1,808.40	14 1/4	1,451.14	14 1/4	1,093.93	14 1/4	737.18	14 1/4	379.94	14 1/4	30.14	14 1/4	1.4	14 1/4		14 1/4	
14 1/2	2,158.21	14 1/2	1,800.95	14 1/2	1,443.70	14 1/2	1,086.49	14 1/2	729.74	14 1/2	372.50	14 1/2	24.55	14 1/2	1.2	14 1/2		14 1/2	
15	2,150.77	15	1,793.51	15	1,436.26	15	1,079.06	15	722.30	15	365.05	15	20.83	15	3.4	15		15	
15 1/4	2,143.32	15 1/4	1,786.07	15 1/4	1,428.81	15 1/4	1,071.63	15 1/4	714.86	15 1/4	357.61	15 1/4	17.11	15 1/4	1.4	15 1/4		15 1/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 08/14/2015 CL
CALCULATED: 08/15/2015 CL
PRINTED: 08/16/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77584
http://www.pima.com

Paul J. Pima

HSM 3142 FORMERLY



BARGE "EBL 2971" ULLAGE TRIM TABLE (10" HATCH)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	-02-1/8	02-1/8	-04-1/8	04-1/8	-06-1/4	06-1/4	-08-1/4	08-1/4	-10-3/8	10-3/8	-12-3/8	12-3/8
1 STBD	-02-1/8	02-1/8	-04-1/8	04-1/8	-06-1/4	06-1/4	-08-1/4	08-1/4	-10-3/8	10-3/8	-12-3/8	12-3/8
2 PORT	-02-1/8	02-1/8	-04-1/8	04-1/8	-06-1/4	06-1/4	-08-1/4	08-1/4	-10-3/8	10-3/8	-12-3/8	12-3/8
2 STBD	-02-1/8	02-1/8	-04-1/8	04-1/8	-06-1/4	06-1/4	-08-1/4	08-1/4	-10-3/8	10-3/8	-12-3/8	12-3/8
3 PORT	02-0/8	-02-0/8	04-1/8	-04-1/8	06-1/8	-06-1/8	08-1/4	-08-1/4	10-1/4	-10-1/4	12-3/8	-12-3/8
3 STBD	02-0/8	-02-0/8	04-1/8	-04-1/8	06-1/8	-06-1/8	08-1/4	-08-1/4	10-1/4	-10-1/4	12-3/8	-12-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 04-1/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-04 1/8"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

August 14, 2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588

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HSM 3142 FORMERLY

BARGE "EBL 2971"

ULLAGE TRIM TABLE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	-02-1/8	02-1/8	-04-1/4	04-1/4	-06-1/4	06-1/4	-08-1/2	08-1/2	-10-5/8	10-5/8	-12-3/4	12-3/4
1 STBD	-02-1/8	02-1/8	-04-1/4	04-1/4	-06-1/4	06-1/4	-08-1/2	08-1/2	-10-5/8	10-5/8	-12-6/8	12-6/8
2 PORT	-02-1/8	02-1/8	-04-1/4	04-1/4	-06-1/4	06-1/4	-08-1/2	08-1/2	-10-5/8	10-5/8	-12-3/4	12-3/4
2 STBD	-02-1/8	02-1/8	-04-1/4	04-1/4	-06-1/4	06-1/4	-08-1/2	08-1/2	-10-5/8	10-5/8	-12-3/4	12-3/4
3 PORT	02-1/8	-02-1/8	04-1/4	-04-1/4	06-3/8	-06-3/8	08-1/2	-08-1/2	10-1/2	-10-1/2	12-5/8	-12-5/8
3 STBD	02-1/8	-02-1/8	04-1/4	-04-1/4	06-3/8	-06-3/8	08-1/2	-08-1/2	10-1/2	-10-1/2	12-5/8	-12-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 04'-1/4"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-04 1/4"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

August 14, 2015

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

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HSM 3142 FORMERLY

BARGE "EBL 2971"



1 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.

GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (10" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2082

Portland, Texas 77568

http://www.pmaacorp.net

HSM 3142 FORMERLY BARGE "EBL 2971"



1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN 10 FT.		IN 11 FT.		IN 12 FT.		IN 13 FT.		IN 14 FT.		IN 15 FT.		IN 16 FT.		IN 17 FT.		IN 18 FT.		IN 19 FT.	
0	2,420.68	0	2,062.38	0	1,704.08	0	1,345.79	0	988.18	0	631.41	0	287.78	0	9.70	0	0	0	0
1/4	2,413.21	1/4	2,054.92	1/4	1,696.62	1/4	1,338.32	1/4	980.77	1/4	623.95	1/4	281.11	1/4	7.83	1/4	1/4	1/4	1/4
1/2	2,405.75	1/2	2,047.45	1/2	1,689.16	1/2	1,330.86	1/2	973.35	1/2	616.48	1/2	274.45	1/2	6.97	1/2	1/2	1/2	1/2
3/4	2,398.28	3/4	2,039.99	3/4	1,681.69	3/4	1,323.39	3/4	965.94	3/4	609.02	3/4	267.78	3/4	4.10	3/4	3/4	3/4	3/4
1	2,390.82	1	2,032.52	1	1,674.23	1	1,315.93	1	959.53	1	601.56	1	261.12	1	2.23	1	1	1	1
1 1/4	2,383.35	1 1/4	2,025.06	1 1/4	1,666.76	1 1/4	1,308.47	1 1/4	951.11	1 1/4	594.09	1 1/4	254.53	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,375.89	1 1/2	2,017.59	1 1/2	1,659.30	1 1/2	1,301.00	1 1/2	943.70	1 1/2	586.63	1 1/2	247.95	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,368.42	3/4	2,010.13	3/4	1,651.83	3/4	1,293.54	3/4	936.28	3/4	579.16	3/4	241.36	3/4		3/4	3/4	3/4	3/4
2	2,360.96	2	2,002.66	2	1,644.37	2	1,286.07	2	928.87	2	571.70	2	234.78	2		2	2	2	2
1 1/4	2,353.50	1 1/4	1,995.20	1 1/4	1,636.90	1 1/4	1,278.61	1 1/4	921.46	1 1/4	564.26	1 1/4	228.28	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,346.03	1 1/2	1,987.74	1 1/2	1,629.44	1 1/2	1,271.14	1 1/2	914.04	1 1/2	556.81	1 1/2	221.78	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,338.57	3/4	1,980.27	3/4	1,621.97	3/4	1,263.68	3/4	906.63	3/4	549.37	3/4	215.27	3/4		3/4	3/4	3/4	3/4
3	2,331.10	3	1,972.81	3	1,614.51	3	1,256.21	3	899.22	3	541.93	3	208.77	3		3	3	3	3
1 1/4	2,323.64	1 1/4	1,965.34	1 1/4	1,607.05	1 1/4	1,248.75	1 1/4	891.80	1 1/4	534.55	1 1/4	202.35	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,316.17	1 1/2	1,957.88	1 1/2	1,599.58	1 1/2	1,241.29	1 1/2	884.39	1 1/2	527.17	1 1/2	195.93	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,308.71	3/4	1,950.41	3/4	1,592.12	3/4	1,233.82	3/4	876.98	3/4	519.79	3/4	189.51	3/4		3/4	3/4	3/4	3/4
4	2,301.24	4	1,942.95	4	1,584.65	4	1,226.36	4	869.56	4	512.41	4	183.09	4		4	4	4	4
1 1/4	2,293.78	1 1/4	1,935.48	1 1/4	1,577.19	1 1/4	1,218.89	1 1/4	862.15	1 1/4	505.11	1 1/4	176.74	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,286.32	1 1/2	1,928.02	1 1/2	1,569.72	1 1/2	1,211.43	1 1/2	854.73	1 1/2	497.81	1 1/2	170.40	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,278.85	3/4	1,920.55	3/4	1,562.26	3/4	1,203.96	3/4	847.32	3/4	490.51	3/4	164.05	3/4		3/4	3/4	3/4	3/4
5	2,271.39	5	1,913.09	5	1,554.79	5	1,196.50	5	839.91	5	483.21	5	157.70	5		5	5	5	5
1 1/4	2,263.92	1 1/4	1,905.63	1 1/4	1,547.33	1 1/4	1,189.03	1 1/4	832.49	1 1/4	475.99	1 1/4	151.43	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,256.46	1 1/2	1,898.16	1 1/2	1,539.87	1 1/2	1,181.57	1 1/2	825.08	1 1/2	468.77	1 1/2	145.16	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,248.99	3/4	1,890.70	3/4	1,532.40	3/4	1,174.10	3/4	817.67	3/4	461.55	3/4	138.89	3/4		3/4	3/4	3/4	3/4
6	2,241.53	6	1,883.23	6	1,524.94	6	1,166.64	6	810.25	6	454.34	6	132.62	6		6	6	6	6
1 1/4	2,234.06	1 1/4	1,875.77	1 1/4	1,517.47	1 1/4	1,159.18	1 1/4	802.84	1 1/4	447.20	1 1/4	126.42	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,226.60	1 1/2	1,868.30	1 1/2	1,510.01	1 1/2	1,151.71	1 1/2	795.43	1 1/2	440.08	1 1/2	120.23	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,219.13	3/4	1,860.84	3/4	1,502.54	3/4	1,144.25	3/4	788.01	3/4	432.92	3/4	114.04	3/4		3/4	3/4	3/4	3/4
7	2,211.67	7	1,853.37	7	1,495.08	7	1,136.78	7	780.60	7	425.79	7	107.85	7		7	7	7	7
1 1/4	2,204.21	1 1/4	1,845.91	1 1/4	1,487.61	1 1/4	1,129.33	1 1/4	773.16	1 1/4	418.73	1 1/4	101.73	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,196.74	1 1/2	1,838.45	1 1/2	1,480.15	1 1/2	1,121.88	1 1/2	765.72	1 1/2	411.67	1 1/2	95.62	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,189.28	3/4	1,830.98	3/4	1,472.68	3/4	1,114.43	3/4	758.28	3/4	404.62	3/4	89.51	3/4		3/4	3/4	3/4	3/4
8	2,181.81	8	1,823.52	8	1,465.22	8	1,106.98	8	750.84	8	397.56	8	83.40	8		8	8	8	8
1 1/4	2,174.35	1 1/4	1,816.05	1 1/4	1,457.76	1 1/4	1,099.55	1 1/4	743.38	1 1/4	390.59	1 1/4	77.37	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,166.88	1 1/2	1,808.59	1 1/2	1,450.29	1 1/2	1,092.11	1 1/2	735.91	1 1/2	383.61	1 1/2	71.34	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,159.42	3/4	1,801.12	3/4	1,442.83	3/4	1,084.68	3/4	728.45	3/4	376.64	3/4	65.31	3/4		3/4	3/4	3/4	3/4
9	2,151.95	9	1,793.66	9	1,435.36	9	1,077.24	9	720.98	9	369.66	9	59.28	9		9	9	9	9
1 1/4	2,144.49	1 1/4	1,786.19	1 1/4	1,427.90	1 1/4	1,069.82	1 1/4	713.52	1 1/4	362.76	1 1/4	53.80	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,137.03	1 1/2	1,778.73	1 1/2	1,420.43	1 1/2	1,062.39	1 1/2	706.06	1 1/2	355.86	1 1/2	48.32	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,129.56	3/4	1,771.26	3/4	1,412.97	3/4	1,054.96	3/4	698.59	3/4	348.96	3/4	42.83	3/4		3/4	3/4	3/4	3/4
10	2,122.10	10	1,763.80	10	1,405.50	10	1,047.53	10	691.13	10	342.06	10	37.35	10		10	10	10	10
1 1/4	2,114.63	1 1/4	1,756.34	1 1/4	1,398.04	1 1/4	1,040.11	1 1/4	683.66	1 1/4	335.24	1 1/4	33.35	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,107.17	1 1/2	1,748.87	1 1/2	1,390.58	1 1/2	1,032.69	1 1/2	676.20	1 1/2	328.41	1 1/2	29.35	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,099.70	3/4	1,741.41	3/4	1,383.11	3/4	1,025.27	3/4	668.73	3/4	321.59	3/4	25.35	3/4		3/4	3/4	3/4	3/4
11	2,092.24	11	1,735.94	11	1,375.65	11	1,017.85	11	661.27	11	314.76	11	21.35	11		11	11	11	11
1 1/4	2,084.77	1 1/4	1,728.48	1 1/4	1,368.18	1 1/4	1,010.43	1 1/4	653.81	1 1/4	308.01	1 1/4	18.44	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,077.31	1 1/2	1,719.01	1 1/2	1,360.72	1 1/2	1,003.01	1 1/2	646.34	1 1/2	301.27	1 1/2	15.52	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,069.84	3/4	1,711.55	3/4	1,353.25	3/4	995.60	3/4	638.88	3/4	294.52	3/4	12.61	3/4		3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 08/14/2015 CL
CALCULATED: 08/15/2015 CL
PRINTED: 08/16/2015 JS
CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pasadena, Texas 77568
http://www.pmaacorp.net

Paul J. Hume

1STBD

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

[illegible]

DATE	TIME	WIND	WAVE	SEA	TEMP	WIND	WAVE	SEA	TEMP
10.00	24	210/14	2.0	2.0	24.0	210/14	2.0	2.0	24.0

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN ON EXPANSION DOME

GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD. (10" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092

Portland, Texas 77566
http://www.mn3.com.net

SHEET NO. 3 OF 12

HSM 3142 FORMERLY



BARGE "EBL 2971"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,421.82	0	2,063.61	0	1,705.40	0	1,347.19	0	989.06	0	631.27	0	287.76	0	9.69	0	0	0	0
1/4	2,414.35	1/4	2,056.14	1/4	1,697.93	1/4	1,339.73	1/4	981.61	1/4	623.81	1/4	281.10	1/4	7.83	1/4	1/4	1/4	1/4
1/2	2,406.89	1/2	2,048.68	1/2	1,690.47	1/2	1,332.26	1/2	974.16	1/2	616.35	1/2	274.44	1/2	5.96	1/2	1/2	1/2	1/2
3/4	2,399.43	3/4	2,041.22	3/4	1,683.01	3/4	1,324.80	3/4	966.71	3/4	608.88	3/4	267.77	3/4	4.10	3/4	3/4	3/4	3/4
1	2,391.97	1	2,033.76	1	1,675.55	1	1,317.34	1	959.26	1	601.42	1	261.11	1	2.23	1	1	1	1
1 1/4	2,384.50	1 1/4	2,026.29	1 1/4	1,668.08	1 1/4	1,309.87	1 1/4	951.82	1 1/4	593.96	1 1/4	254.52	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,377.04	1 1/2	2,018.83	1 1/2	1,660.62	1 1/2	1,302.41	1 1/2	944.37	1 1/2	586.50	1 1/2	247.94	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	2,369.58	1 3/4	2,011.37	1 3/4	1,653.16	1 3/4	1,294.95	1 3/4	936.92	1 3/4	579.03	1 3/4	241.36	1 3/4		1 3/4	1 3/4	1 3/4	1 3/4
2	2,362.12	2	2,003.91	2	1,645.70	2	1,287.49	2	929.47	2	571.57	2	234.77	2		2	2	2	2
2 1/4	2,354.65	2 1/4	1,996.44	2 1/4	1,638.23	2 1/4	1,280.02	2 1/4	922.02	2 1/4	564.14	2 1/4	228.27	2 1/4		2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2,347.19	2 1/2	1,988.98	2 1/2	1,630.77	2 1/2	1,272.56	2 1/2	914.57	2 1/2	556.70	2 1/2	221.77	2 1/2		2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2,339.73	2 3/4	1,981.52	2 3/4	1,623.31	2 3/4	1,265.10	2 3/4	907.12	2 3/4	549.26	2 3/4	215.27	2 3/4		2 3/4	2 3/4	2 3/4	2 3/4
3	2,332.26	3	1,974.05	3	1,615.85	3	1,257.64	3	899.67	3	541.83	3	208.77	3		3	3	3	3
3 1/4	2,324.80	3 1/4	1,966.59	3 1/4	1,608.38	3 1/4	1,250.17	3 1/4	892.23	3 1/4	534.46	3 1/4	202.35	3 1/4		3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	2,317.34	3 1/2	1,959.13	3 1/2	1,600.92	3 1/2	1,242.71	3 1/2	884.78	3 1/2	527.08	3 1/2	195.93	3 1/2		3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	2,309.88	3 3/4	1,951.67	3 3/4	1,593.46	3 3/4	1,235.25	3 3/4	877.33	3 3/4	519.71	3 3/4	189.51	3 3/4		3 3/4	3 3/4	3 3/4	3 3/4
4	2,302.41	4	1,944.20	4	1,585.99	4	1,227.78	4	869.88	4	512.34	4	183.09	4		4	4	4	4
4 1/4	2,294.95	4 1/4	1,936.74	4 1/4	1,578.53	4 1/4	1,220.32	4 1/4	862.43	4 1/4	505.05	4 1/4	176.74	4 1/4		4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	2,287.49	4 1/2	1,929.28	4 1/2	1,571.07	4 1/2	1,212.86	4 1/2	854.98	4 1/2	497.76	4 1/2	170.39	4 1/2		4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	2,280.03	4 3/4	1,921.82	4 3/4	1,563.61	4 3/4	1,205.40	4 3/4	847.53	4 3/4	490.46	4 3/4	164.05	4 3/4		4 3/4	4 3/4	4 3/4	4 3/4
5	2,272.56	5	1,914.35	5	1,556.14	5	1,197.93	5	840.08	5	483.17	5	157.70	5		5	5	5	5
5 1/4	2,265.10	5 1/4	1,906.89	5 1/4	1,548.68	5 1/4	1,190.47	5 1/4	832.63	5 1/4	475.95	5 1/4	151.43	5 1/4		5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	2,257.64	5 1/2	1,899.43	5 1/2	1,541.22	5 1/2	1,183.01	5 1/2	825.19	5 1/2	468.73	5 1/2	145.16	5 1/2		5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	2,250.17	5 3/4	1,891.97	5 3/4	1,533.76	5 3/4	1,175.56	5 3/4	817.74	5 3/4	461.51	5 3/4	138.89	5 3/4		5 3/4	5 3/4	5 3/4	5 3/4
6	2,242.71	6	1,884.50	6	1,526.29	6	1,168.08	6	810.29	6	454.30	6	132.61	6		6	6	6	6
6 1/4	2,235.25	6 1/4	1,877.04	6 1/4	1,518.83	6 1/4	1,160.62	6 1/4	802.84	6 1/4	447.16	6 1/4	126.42	6 1/4		6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	2,227.79	6 1/2	1,869.58	6 1/2	1,511.37	6 1/2	1,153.16	6 1/2	795.39	6 1/2	440.02	6 1/2	120.23	6 1/2		6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	2,220.32	6 3/4	1,862.11	6 3/4	1,503.90	6 3/4	1,145.70	6 3/4	787.94	6 3/4	432.89	6 3/4	114.04	6 3/4		6 3/4	6 3/4	6 3/4	6 3/4
7	2,212.86	7	1,854.65	7	1,496.44	7	1,138.23	7	780.49	7	425.75	7	107.85	7		7	7	7	7
7 1/4	2,205.40	7 1/4	1,847.19	7 1/4	1,488.98	7 1/4	1,130.77	7 1/4	773.04	7 1/4	418.70	7 1/4	101.73	7 1/4		7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	2,197.94	7 1/2	1,839.73	7 1/2	1,481.52	7 1/2	1,123.31	7 1/2	765.58	7 1/2	411.64	7 1/2	95.62	7 1/2		7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	2,190.47	7 3/4	1,832.26	7 3/4	1,474.05	7 3/4	1,115.84	7 3/4	758.13	7 3/4	404.59	7 3/4	89.51	7 3/4		7 3/4	7 3/4	7 3/4	7 3/4
8	2,183.01	8	1,824.80	8	1,466.59	8	1,108.38	8	750.67	8	397.53	8	83.40	8		8	8	8	8
8 1/4	2,175.55	8 1/4	1,817.34	8 1/4	1,459.13	8 1/4	1,100.92	8 1/4	743.21	8 1/4	390.56	8 1/4	77.37	8 1/4		8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	2,168.09	8 1/2	1,809.88	8 1/2	1,451.67	8 1/2	1,093.46	8 1/2	735.75	8 1/2	383.59	8 1/2	71.34	8 1/2		8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	2,160.62	8 3/4	1,802.41	8 3/4	1,444.20	8 3/4	1,085.99	8 3/4	728.28	8 3/4	376.61	8 3/4	65.31	8 3/4		8 3/4	8 3/4	8 3/4	8 3/4
9	2,153.16	9	1,794.95	9	1,436.74	9	1,078.53	9	720.82	9	369.64	9	59.28	9		9	9	9	9
9 1/4	2,145.70	9 1/4	1,787.49	9 1/4	1,429.28	9 1/4	1,071.07	9 1/4	713.36	9 1/4	362.74	9 1/4	53.80	9 1/4		9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	2,138.23	9 1/2	1,780.02	9 1/2	1,421.82	9 1/2	1,063.61	9 1/2	705.90	9 1/2	355.84	9 1/2	48.31	9 1/2		9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	2,130.77	9 3/4	1,772.56	9 3/4	1,414.35	9 3/4	1,056.15	9 3/4	698.43	9 3/4	348.94	9 3/4	42.83	9 3/4		9 3/4	9 3/4	9 3/4	9 3/4
10	2,123.31	10	1,765.10	10	1,406.89	10	1,048.69	10	690.97	10	342.05	10	37.35	10		10	10	10	10
10 1/4	2,115.85	10 1/4	1,757.64	10 1/4	1,399.43	10 1/4	1,041.24	10 1/4	683.51	10 1/4	335.22	10 1/4	33.35	10 1/4		10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	2,108.38	10 1/2	1,750.17	10 1/2	1,391.96	10 1/2	1,033.78	10 1/2	676.05	10 1/2	328.39	10 1/2	29.35	10 1/2		10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	2,100.92	10 3/4	1,742.71	10 3/4	1,384.50	10 3/4	1,026.32	10 3/4	668.58	10 3/4	321.57	10 3/4	25.35	10 3/4		10 3/4	10 3/4	10 3/4	10 3/4
11	2,093.46	11	1,735.25	11	1,377.04	11	1,018.87	11	661.12	11	314.74	11	21.34	11		11	11	11	11
11 1/4	2,086.00	11 1/4	1,727.79	11 1/4	1,369.58	11 1/4	1,011.42	11 1/4	653.66	11 1/4	308.00	11 1/4	18.43	11 1/4		11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	2,078.53	11 1/2	1,720.32	11 1/2	1,362.11	11 1/2	1,003.96	11 1/2	646.20	11 1/2	301.25	11 1/2	15.52	11 1/2		11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	2,071.07	11 3/4	1,712.86	11 3/4	1,354.65	11 3/4	996.51	11 3/4	638.73	11 3/4	294.51	11 3/4	12.60	11 3/4		11 3/4	11 3/4	11 3/4	11 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 08/14/2015 CL
CALCULATED: 08/15/2015 CL
PRINTED: 08/16/2015 JS
CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2062
Pearland, Texas 77583
http://www.pmacorp.net

Signature



**2 PORT
ULLAGE TABLE**

[illegible]

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

BARGE SINKED AND COMPILED IN ACCORDANCE WITH MPMS CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN ON EXPANSION DOME.

GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD. (10" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092

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

SHEET NO. 5 OF 12

HSM 3142 FORMERLY BARGE "EBL 2971"



2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,484.91	0	2,125.79	0	1,766.66	0	1,407.53	0	1,053.65	0	703.64	0	344.52	0	9.72	0			
1/4	2,477.43	1/4	2,118.30	1/4	1,759.18	1/4	1,400.05	1/4	1,046.47	1/4	696.16	1/4	337.04	1/4	7.85	1/4			
1/2	2,469.95	1/2	2,110.82	1/2	1,751.70	1/2	1,392.57	1/2	1,039.29	1/2	688.67	1/2	329.56	1/2	5.98	1/2			
3/4	2,462.47	3/4	2,103.34	3/4	1,744.21	3/4	1,385.09	3/4	1,032.11	3/4	681.19	3/4	322.08	3/4	4.11	3/4			
1	2,454.98	1	2,095.86	1	1,736.73	1	1,377.61	1	1,024.93	1	673.71	1	314.59	1	2.24	1			
1 1/4	2,447.50	1 1/4	2,088.38	1 1/4	1,729.25	1 1/4	1,370.12	1 1/4	1,017.76	1 1/4	666.23	1 1/4	307.11	1 1/4		1 1/4			
1 1/2	2,440.02	1 1/2	2,080.89	1 1/2	1,721.77	1 1/2	1,362.64	1 1/2	1,010.58	1 1/2	658.75	1 1/2	299.63	1 1/2		1 1/2			
3/4	2,432.54	3/4	2,073.41	3/4	1,714.29	3/4	1,355.16	3/4	1,003.40	3/4	651.27	3/4	292.15	3/4		3/4			
2	2,425.06	2	2,065.93	2	1,706.80	2	1,347.68	2	996.22	2	643.78	2	284.67	2		2			
1 1/4	2,417.58	1 1/4	2,058.45	1 1/4	1,699.32	1 1/4	1,340.20	1 1/4	989.04	1 1/4	636.30	1 1/4	277.19	1 1/4		1 1/4			
1 1/2	2,410.09	1 1/2	2,050.97	1 1/2	1,691.84	1 1/2	1,332.71	1 1/2	981.87	1 1/2	628.82	1 1/2	269.70	1 1/2		1 1/2			
3/4	2,402.61	3/4	2,043.49	3/4	1,684.36	3/4	1,325.23	3/4	974.69	3/4	621.34	3/4	262.22	3/4		3/4			
3	2,395.13	3	2,036.00	3	1,676.88	3	1,317.75	3	967.51	3	613.86	3	254.74	3		3			
1 1/4	2,387.65	1 1/4	2,028.52	1 1/4	1,669.40	1 1/4	1,310.27	1 1/4	960.33	1 1/4	606.38	1 1/4	247.26	1 1/4		1 1/4			
1 1/2	2,380.17	1 1/2	2,021.04	1 1/2	1,661.91	1 1/2	1,302.79	1 1/2	953.15	1 1/2	598.89	1 1/2	239.78	1 1/2		1 1/2			
3/4	2,372.68	3/4	2,013.56	3/4	1,654.43	3/4	1,295.31	3/4	945.97	3/4	591.41	3/4	232.30	3/4		3/4			
4	2,365.20	4	2,006.08	4	1,646.95	4	1,287.82	4	938.80	4	583.93	4	224.81	4		4			
1 1/4	2,357.72	1 1/4	1,998.59	1 1/4	1,639.47	1 1/4	1,280.34	1 1/4	931.62	1 1/4	576.45	1 1/4	217.33	1 1/4		1 1/4			
1 1/2	2,350.24	1 1/2	1,991.11	1 1/2	1,631.99	1 1/2	1,272.86	1 1/2	924.44	1 1/2	568.97	1 1/2	209.85	1 1/2		1 1/2			
3/4	2,342.76	3/4	1,983.63	3/4	1,624.50	3/4	1,265.38	3/4	917.26	3/4	561.49	3/4	202.37	3/4		3/4			
5	2,335.28	5	1,976.15	5	1,617.02	5	1,257.90	5	910.08	5	554.00	5	194.89	5		5			
1 1/4	2,327.79	1 1/4	1,968.67	1 1/4	1,609.54	1 1/4	1,250.41	1 1/4	902.91	1 1/4	546.52	1 1/4	187.41	1 1/4		1 1/4			
1 1/2	2,320.31	1 1/2	1,961.19	1 1/2	1,602.06	1 1/2	1,242.93	1 1/2	895.73	1 1/2	539.04	1 1/2	179.92	1 1/2		1 1/2			
3/4	2,312.83	3/4	1,953.70	3/4	1,594.58	3/4	1,235.45	3/4	888.55	3/4	531.56	3/4	172.44	3/4		3/4			
6	2,305.35	6	1,946.22	6	1,587.10	6	1,227.97	6	881.37	6	524.08	6	164.96	6		6			
1 1/4	2,297.87	1 1/4	1,938.74	1 1/4	1,579.61	1 1/4	1,220.49	1 1/4	874.19	1 1/4	516.60	1 1/4	157.48	1 1/4		1 1/4			
1 1/2	2,290.39	1 1/2	1,931.26	1 1/2	1,572.13	1 1/2	1,213.01	1 1/2	867.02	1 1/2	509.12	1 1/2	150.00	1 1/2		1 1/2			
3/4	2,282.90	3/4	1,923.78	3/4	1,564.65	3/4	1,205.52	3/4	859.84	3/4	501.63	3/4	142.52	3/4		3/4			
7	2,275.42	7	1,916.30	7	1,557.17	7	1,198.04	7	852.66	7	494.15	7	135.04	7		7			
1 1/4	2,267.94	1 1/4	1,908.81	1 1/4	1,549.69	1 1/4	1,190.70	1 1/4	845.33	1 1/4	486.67	1 1/4	127.55	1 1/4		1 1/4			
1 1/2	2,260.46	1 1/2	1,901.33	1 1/2	1,542.21	1 1/2	1,183.36	1 1/2	838.00	1 1/2	479.19	1 1/2	120.07	1 1/2		1 1/2			
3/4	2,252.98	3/4	1,893.85	3/4	1,534.72	3/4	1,176.02	3/4	830.67	3/4	471.71	3/4	112.59	3/4		3/4			
8	2,245.49	8	1,886.37	8	1,527.24	8	1,168.68	8	823.34	8	464.23	8	105.11	8		8			
1 1/4	2,238.01	1 1/4	1,878.89	1 1/4	1,519.76	1 1/4	1,161.48	1 1/4	815.86	1 1/4	456.74	1 1/4	97.63	1 1/4		1 1/4			
1 1/2	2,230.53	1 1/2	1,871.40	1 1/2	1,512.28	1 1/2	1,154.28	1 1/2	808.38	1 1/2	449.26	1 1/2	90.15	1 1/2		1 1/2			
3/4	2,223.05	3/4	1,863.92	3/4	1,504.80	3/4	1,147.08	3/4	800.90	3/4	441.78	3/4	82.66	3/4		3/4			
9	2,215.57	9	1,856.44	9	1,497.31	9	1,139.88	9	793.42	9	434.30	9	75.18	9		9			
1 1/4	2,208.09	1 1/4	1,848.96	1 1/4	1,489.83	1 1/4	1,132.69	1 1/4	785.93	1 1/4	426.82	1 1/4	68.17	1 1/4		1 1/4			
1 1/2	2,200.60	1 1/2	1,841.48	1 1/2	1,482.35	1 1/2	1,125.50	1 1/2	778.45	1 1/2	419.34	1 1/2	61.15	1 1/2		1 1/2			
3/4	2,193.12	3/4	1,834.00	3/4	1,474.87	3/4	1,118.31	3/4	770.97	3/4	411.85	3/4	54.14	3/4		3/4			
10	2,185.64	10	1,826.51	10	1,467.39	10	1,111.11	10	763.49	10	404.37	10	47.13	10		10			
1 1/4	2,178.16	1 1/4	1,819.03	1 1/4	1,459.91	1 1/4	1,103.93	1 1/4	756.01	1 1/4	396.89	1 1/4	41.52	1 1/4		1 1/4			
1 1/2	2,170.68	1 1/2	1,811.55	1 1/2	1,452.42	1 1/2	1,096.74	1 1/2	748.53	1 1/2	389.41	1 1/2	35.90	1 1/2		1 1/2			
3/4	2,163.19	3/4	1,804.07	3/4	1,444.94	3/4	1,089.56	3/4	741.04	3/4	381.93	3/4	30.29	3/4		3/4			
11	2,155.71	11	1,796.59	11	1,437.46	11	1,082.37	11	733.56	11	374.45	11	24.68	11		11			
1 1/4	2,148.23	1 1/4	1,789.10	1 1/4	1,429.98	1 1/4	1,075.19	1 1/4	726.08	1 1/4	366.96	1 1/4	20.94	1 1/4		1 1/4			
1 1/2	2,140.75	1 1/2	1,781.62	1 1/2	1,422.50	1 1/2	1,068.01	1 1/2	718.60	1 1/2	359.48	1 1/2	17.20	1 1/2		1 1/2			
3/4	2,133.27	3/4	1,774.14	3/4	1,415.01	3/4	1,060.83	3/4	711.12	3/4	352.00	3/4	13.46	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/14/2015 CL
CALCULATED: 08/15/2015 CL
PRINTED: 08/16/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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Paul J. Hume

HSM 3142 FORMERLY BARGE "EBL 2971"



2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4
12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2
12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.

GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (10" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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[Signature]

HSM 3142 FORMERLY BARGE "EBL 2971"



2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,499.40	0	2,140.19	0	1,780.98	0	1,421.76	0	1,062.52	0	703.80	0	344.60	0	9.72	0	0	0	0
1/4	2,491.92	1/4	2,132.71	1/4	1,773.49	1/4	1,414.28	1/4	1,055.15	1/4	696.32	1/4	337.12	1/4	7.85	1/4	1/4	1/4	1/4
1/2	2,484.43	1/2	2,125.22	1/2	1,766.01	1/2	1,406.80	1/2	1,047.68	1/2	688.84	1/2	329.63	1/2	5.98	1/2	1/2	1/2	1/2
3/4	2,476.95	3/4	2,117.74	3/4	1,758.53	3/4	1,399.31	3/4	1,040.21	3/4	681.35	3/4	322.15	3/4	4.11	3/4	3/4	3/4	3/4
1	2,469.47	1	2,110.25	1	1,751.04	1	1,391.83	1	1,032.74	1	673.87	1	314.67	1	2.24	1	1	1	1
1 1/4	2,461.98	1 1/4	2,102.77	1 1/4	1,743.56	1 1/4	1,384.35	1 1/4	1,025.27	1 1/4	666.39	1 1/4	307.18	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,454.50	1 1/2	2,095.29	1 1/2	1,736.07	1 1/2	1,376.86	1 1/2	1,017.80	1 1/2	658.90	1 1/2	299.70	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,447.02	3/4	2,087.80	3/4	1,728.59	3/4	1,369.38	3/4	1,010.33	3/4	651.42	3/4	292.22	3/4		3/4	3/4	3/4	3/4
2	2,439.53	2	2,080.32	2	1,721.11	2	1,361.89	2	1,002.86	2	643.94	2	284.73	2		2	2	2	2
1 1/4	2,432.05	1 1/4	2,072.84	1 1/4	1,713.62	1 1/4	1,354.41	1 1/4	995.38	1 1/4	636.45	1 1/4	277.25	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,424.57	1 1/2	2,065.35	1 1/2	1,706.14	1 1/2	1,346.93	1 1/2	987.91	1 1/2	628.97	1 1/2	269.77	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,417.08	3/4	2,057.87	3/4	1,698.66	3/4	1,339.44	3/4	980.44	3/4	621.49	3/4	262.28	3/4		3/4	3/4	3/4	3/4
3	2,409.60	3	2,050.39	3	1,691.17	3	1,331.96	3	972.97	3	614.00	3	254.80	3		3	3	3	3
1 1/4	2,402.12	1 1/4	2,042.90	1 1/4	1,683.69	1 1/4	1,324.48	1 1/4	965.50	1 1/4	606.52	1 1/4	247.32	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,394.63	1 1/2	2,035.42	1 1/2	1,676.21	1 1/2	1,316.99	1 1/2	958.03	1 1/2	599.04	1 1/2	239.83	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,387.15	3/4	2,027.94	3/4	1,668.72	3/4	1,309.51	3/4	950.56	3/4	591.55	3/4	232.35	3/4		3/4	3/4	3/4	3/4
4	2,379.66	4	2,020.45	4	1,661.24	4	1,302.03	4	943.09	4	584.07	4	224.87	4		4	4	4	4
1 1/4	2,372.18	1 1/4	2,012.97	1 1/4	1,653.76	1 1/4	1,294.54	1 1/4	935.62	1 1/4	576.59	1 1/4	217.38	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,364.70	1 1/2	2,005.48	1 1/2	1,646.27	1 1/2	1,287.06	1 1/2	928.15	1 1/2	569.10	1 1/2	209.90	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,357.21	3/4	1,998.00	3/4	1,638.79	3/4	1,279.58	3/4	920.68	3/4	561.62	3/4	202.42	3/4		3/4	3/4	3/4	3/4
5	2,349.73	5	1,990.52	5	1,631.30	5	1,272.09	5	913.21	5	554.14	5	194.93	5		5	5	5	5
1 1/4	2,342.25	1 1/4	1,983.03	1 1/4	1,623.82	1 1/4	1,264.61	1 1/4	905.74	1 1/4	546.65	1 1/4	187.45	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,334.76	1 1/2	1,975.55	1 1/2	1,616.34	1 1/2	1,257.12	1 1/2	898.27	1 1/2	539.17	1 1/2	179.97	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,327.28	3/4	1,968.07	3/4	1,608.85	3/4	1,249.64	3/4	890.80	3/4	531.69	3/4	172.48	3/4		3/4	3/4	3/4	3/4
6	2,319.80	6	1,960.58	6	1,601.37	6	1,242.16	6	883.33	6	524.20	6	165.00	6		6	6	6	6
1 1/4	2,312.31	1 1/4	1,953.10	1 1/4	1,593.89	1 1/4	1,234.67	1 1/4	875.86	1 1/4	516.72	1 1/4	157.52	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,304.83	1 1/2	1,945.62	1 1/2	1,586.40	1 1/2	1,227.19	1 1/2	868.38	1 1/2	509.24	1 1/2	150.03	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,297.34	3/4	1,938.13	3/4	1,578.92	3/4	1,219.71	3/4	860.91	3/4	501.75	3/4	142.55	3/4		3/4	3/4	3/4	3/4
7	2,289.86	7	1,930.65	7	1,571.44	7	1,212.22	7	853.44	7	494.27	7	135.07	7		7	7	7	7
1 1/4	2,282.38	1 1/4	1,923.16	1 1/4	1,563.95	1 1/4	1,204.74	1 1/4	845.97	1 1/4	486.78	1 1/4	127.58	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,274.89	1 1/2	1,915.68	1 1/2	1,556.47	1 1/2	1,197.26	1 1/2	838.49	1 1/2	479.30	1 1/2	120.10	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,267.41	3/4	1,908.20	3/4	1,548.98	3/4	1,189.77	3/4	831.01	3/4	471.82	3/4	112.61	3/4		3/4	3/4	3/4	3/4
8	2,259.93	8	1,900.71	8	1,541.50	8	1,182.29	8	823.54	8	464.33	8	105.13	8		8	8	8	8
1 1/4	2,252.44	1 1/4	1,893.23	1 1/4	1,534.02	1 1/4	1,174.80	1 1/4	816.05	1 1/4	456.85	1 1/4	97.65	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,244.96	1 1/2	1,885.75	1 1/2	1,526.53	1 1/2	1,167.32	1 1/2	808.57	1 1/2	449.37	1 1/2	90.16	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,237.48	3/4	1,878.26	3/4	1,519.05	3/4	1,159.84	3/4	801.09	3/4	441.88	3/4	82.68	3/4		3/4	3/4	3/4	3/4
9	2,229.99	9	1,870.78	9	1,511.57	9	1,152.35	9	793.60	9	434.40	9	75.20	9		9	9	9	9
1 1/4	2,222.51	1 1/4	1,863.30	1 1/4	1,504.08	1 1/4	1,144.87	1 1/4	786.12	1 1/4	426.92	1 1/4	68.18	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,215.03	1 1/2	1,855.81	1 1/2	1,496.60	1 1/2	1,137.39	1 1/2	778.64	1 1/2	419.43	1 1/2	61.17	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,207.54	3/4	1,848.33	3/4	1,489.12	3/4	1,129.91	3/4	771.15	3/4	411.95	3/4	54.15	3/4		3/4	3/4	3/4	3/4
10	2,200.06	10	1,840.85	10	1,481.63	10	1,122.43	10	763.67	10	404.47	10	47.14	10		10	10	10	10
1 1/4	2,192.57	1 1/4	1,833.36	1 1/4	1,474.15	1 1/4	1,114.95	1 1/4	756.19	1 1/4	396.98	1 1/4	41.52	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,185.09	1 1/2	1,825.88	1 1/2	1,466.67	1 1/2	1,107.47	1 1/2	748.70	1 1/2	389.50	1 1/2	35.91	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,177.61	3/4	1,818.39	3/4	1,459.18	3/4	1,100.00	3/4	741.22	3/4	382.02	3/4	30.30	3/4		3/4	3/4	3/4	3/4
11	2,170.12	11	1,810.91	11	1,451.70	11	1,092.52	11	733.74	11	374.53	11	24.69	11		11	11	11	11
1 1/4	2,162.64	1 1/4	1,803.43	1 1/4	1,444.21	1 1/4	1,085.04	1 1/4	726.25	1 1/4	367.05	1 1/4	20.94	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,155.16	1 1/2	1,795.94	1 1/2	1,436.73	1 1/2	1,077.57	1 1/2	718.77	1 1/2	359.57	1 1/2	17.20	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,147.67	3/4	1,788.46	3/4	1,429.25	3/4	1,070.09	3/4	711.29	3/4	352.08	3/4	13.46	3/4		3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 08/14/2015 CL
CALCULATED: 08/15/2015 CL
PRINTED: 08/16/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
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Paul J. Mac

HSM 3142 FORMERLY BARGE "EBL 2971"



3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4
12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2
12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.

GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (10" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Portland, Texas 77568

http://www.pmaacorp.net

Signature



HSM 3142 FORMERLY
BARGE "EBL 2971"
INNAGE TRIM TABLE (10" HATCH)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	02-1/8	- 02-1/8	04-1/8	- 04-1/8	06-1/4	- 06-1/4	08-1/4	- 08-1/4	10-3/8	- 10-3/8	12-3/8	- 12-3/8
1 STBD	02-1/8	- 02-1/8	04-1/8	- 04-1/8	06-1/4	- 06-1/4	08-1/4	- 08-1/4	10-3/8	- 10-3/8	12-3/8	- 12-3/8
2 PORT	02-1/8	- 02-1/8	04-1/8	- 04-1/8	06-1/4	- 06-1/4	08-1/4	- 08-1/4	10-3/8	- 10-3/8	12-3/8	- 12-3/8
2 STBD	02-1/8	- 02-1/8	04-1/8	- 04-1/8	06-1/4	- 06-1/4	08-1/4	- 08-1/4	10-3/8	- 10-3/8	12-3/8	- 12-3/8
3 PORT	02-0/8	02-0/8	- 04-1/8	04-1/8	- 06-1/8	06-1/8	- 08-1/4	08-1/4	- 10-1/4	10-1/4	- 12-3/8	12-3/8
3 STBD	02-0/8	02-0/8	- 04-1/8	04-1/8	- 06-1/8	06-1/8	- 08-1/4	08-1/4	- 10-1/4	10-1/4	- 12-3/8	12-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 04-1/8"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-07 7/8"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

August 14, 2015

PRECISION MEASUREMENT
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Pearland, Texas 77588

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HSM 3142 FORMERLY BARGE "EBL 2971"



1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN		0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2.23	0	261.12	0	958.52	0	1,674.23	0	2,032.52	0	2,390.82	0	2,749.11	0	3,107.32	0	3,465.61	0	3,823.90	0	4,182.19
1/4	4.10	1/4	267.78	1/4	965.94	1/4	1,681.69	1/4	2,039.99	1/4	2,398.28	1/4	2,756.58	1/4	3,114.78	1/4	3,473.07	1/4	3,831.36	1/4	4,189.65
1/2	5.97	1/2	274.45	1/2	973.61	1/2	1,697.45	1/2	2,055.75	1/2	2,414.04	1/2	2,772.34	1/2	3,130.63	1/2	3,488.93	1/2	3,847.22	1/2	4,205.51
3/4	7.83	3/4	281.11	3/4	980.77	3/4	1,713.32	3/4	2,071.62	3/4	2,429.91	3/4	2,788.21	3/4	3,146.50	3/4	3,504.80	3/4	3,863.09	3/4	4,221.38
1	9.70	1	287.78	1	995.60	1	1,740.08	1	2,098.38	1	2,456.67	1	2,814.96	1	3,173.25	1	3,531.54	1	3,889.84	1	4,248.13
1 1/4	12.61	1 1/4	294.52	1 1/4	1,003.01	1 1/4	1,757.55	1 1/4	2,115.84	1 1/4	2,474.13	1 1/4	2,832.42	1 1/4	3,190.71	1 1/4	3,549.00	1 1/4	3,907.29	1 1/4	4,265.58
1 1/2	15.52	1 1/2	301.27	1 1/2	1,010.43	1 1/2	1,764.48	1 1/2	2,122.77	1 1/2	2,481.06	1 1/2	2,839.35	1 1/2	3,197.64	1 1/2	3,555.93	1 1/2	3,914.22	1 1/2	4,272.51
1 3/4	18.44	1 3/4	308.01	1 3/4	1,017.85	1 3/4	1,773.94	1 3/4	2,132.23	1 3/4	2,490.52	1 3/4	2,848.81	1 3/4	3,207.10	1 3/4	3,565.39	1 3/4	3,923.68	1 3/4	4,281.97
2	21.35	2	314.76	2	1,025.27	2	1,788.03	2	2,146.32	2	2,504.61	2	2,862.90	2	3,221.19	2	3,579.48	2	3,937.77	2	4,296.06
2 1/4	25.35	2 1/4	321.59	2 1/4	1,032.59	2 1/4	1,799.04	2 1/4	2,157.33	2 1/4	2,515.62	2 1/4	2,873.91	2 1/4	3,232.20	2 1/4	3,590.49	2 1/4	3,948.78	2 1/4	4,307.07
2 1/2	29.35	2 1/2	328.41	2 1/2	1,039.96	2 1/2	1,806.04	2 1/2	2,164.33	2 1/2	2,522.62	2 1/2	2,880.91	2 1/2	3,239.20	2 1/2	3,597.49	2 1/2	3,955.78	2 1/2	4,313.07
2 3/4	33.35	2 3/4	335.24	2 3/4	1,047.33	2 3/4	1,812.19	2 3/4	2,170.48	2 3/4	2,528.77	2 3/4	2,887.06	2 3/4	3,245.35	2 3/4	3,603.64	2 3/4	3,961.93	2 3/4	4,319.22
3	37.35	3	342.06	3	1,054.96	3	1,819.04	3	2,177.33	3	2,535.62	3	2,893.91	3	3,252.20	3	3,610.49	3	3,968.78	3	4,325.07
3 1/4	42.83	3 1/4	348.96	3 1/4	1,062.38	3 1/4	1,825.19	3 1/4	2,183.48	3 1/4	2,541.77	3 1/4	2,899.06	3 1/4	3,257.35	3 1/4	3,615.64	3 1/4	3,973.93	3 1/4	4,330.22
3 1/2	48.32	3 1/2	355.86	3 1/2	1,069.81	3 1/2	1,831.60	3 1/2	2,190.89	3 1/2	2,549.18	3 1/2	2,907.47	3 1/2	3,265.76	3 1/2	3,624.05	3 1/2	3,982.34	3 1/2	4,338.51
3 3/4	53.80	3 3/4	362.76	3 3/4	1,077.24	3 3/4	1,838.01	3 3/4	2,200.30	3 3/4	2,558.59	3 3/4	2,916.88	3 3/4	3,275.17	3 3/4	3,633.46	3 3/4	3,991.75	3 3/4	4,344.76
4	59.28	4	369.66	4	1,084.68	4	1,844.44	4	2,207.73	4	2,566.02	4	2,924.31	4	3,282.60	4	3,640.89	4	4,000.18	4	4,358.47
4 1/4	65.31	4 1/4	376.64	4 1/4	1,092.11	4 1/4	1,850.29	4 1/4	2,215.18	4 1/4	2,573.47	4 1/4	2,931.76	4 1/4	3,290.05	4 1/4	3,648.34	4 1/4	4,007.63	4 1/4	4,365.72
4 1/2	71.34	4 1/2	383.61	4 1/2	1,099.55	4 1/2	1,856.60	4 1/2	2,222.67	4 1/2	2,580.96	4 1/2	2,939.25	4 1/2	3,297.54	4 1/2	3,655.83	4 1/2	4,014.92	4 1/2	4,372.97
4 3/4	77.37	4 3/4	390.59	4 3/4	1,106.98	4 3/4	1,862.91	4 3/4	2,229.80	4 3/4	2,588.09	4 3/4	2,945.38	4 3/4	3,304.67	4 3/4	3,662.96	4 3/4	4,021.21	4 3/4	4,379.22
5	83.40	5	397.56	5	1,114.43	5	1,869.04	5	2,237.33	5	2,595.62	5	2,953.91	5	3,312.20	5	3,670.49	5	4,028.78	5	4,386.07
5 1/4	89.51	5 1/4	404.62	5 1/4	1,121.88	5 1/4	1,875.19	5 1/4	2,244.78	5 1/4	2,603.07	5 1/4	2,961.36	5 1/4	3,319.65	5 1/4	3,677.94	5 1/4	4,036.23	5 1/4	4,393.22
5 1/2	95.62	5 1/2	411.67	5 1/2	1,129.33	5 1/2	1,881.60	5 1/2	2,252.27	5 1/2	2,610.56	5 1/2	2,968.85	5 1/2	3,327.14	5 1/2	3,685.43	5 1/2	4,043.72	5 1/2	4,400.01
5 3/4	101.73	5 3/4	418.73	5 3/4	1,136.78	5 3/4	1,888.01	5 3/4	2,259.72	5 3/4	2,618.01	5 3/4	2,976.30	5 3/4	3,334.59	5 3/4	3,692.88	5 3/4	4,051.21	5 3/4	4,407.50
6	107.85	6	425.78	6	1,144.28	6	1,894.50	6	2,267.21	6	2,625.50	6	2,983.79	6	3,342.08	6	3,699.57	6	4,057.06	6	4,414.55
6 1/4	114.04	6 1/4	432.92	6 1/4	1,151.71	6 1/4	1,900.91	6 1/4	2,274.66	6 1/4	2,632.95	6 1/4	2,991.24	6 1/4	3,349.73	6 1/4	3,707.22	6 1/4	4,064.71	6 1/4	4,421.00
6 1/2	120.23	6 1/2	440.06	6 1/2	1,159.18	6 1/2	1,907.32	6 1/2	2,282.11	6 1/2	2,640.40	6 1/2	2,997.69	6 1/2	3,355.18	6 1/2	3,712.67	6 1/2	4,071.20	6 1/2	4,427.49
6 3/4	126.42	6 3/4	447.20	6 3/4	1,166.64	6 3/4	1,914.73	6 3/4	2,289.56	6 3/4	2,647.85	6 3/4	3,004.14	6 3/4	3,360.63	6 3/4	3,718.12	6 3/4	4,077.69	6 3/4	4,433.98
7	132.61	7	454.34	7	1,174.10	7	1,921.14	7	2,301.24	7	2,659.53	7	3,017.02	7	3,373.51	7	3,729.00	7	4,085.49	7	4,440.47
7 1/4	138.89	7 1/4	461.55	7 1/4	1,181.57	7 1/4	1,928.59	7 1/4	2,308.71	7 1/4	2,667.00	7 1/4	3,022.49	7 1/4	3,378.98	7 1/4	3,735.47	7 1/4	4,092.98	7 1/4	4,447.46
7 1/2	145.18	7 1/2	468.77	7 1/2	1,189.04	7 1/2	1,935.96	7 1/2	2,316.17	7 1/2	2,674.47	7 1/2	3,029.96	7 1/2	3,386.45	7 1/2	3,743.94	7 1/2	4,100.47	7 1/2	4,454.95
7 3/4	151.43	7 3/4	475.99	7 3/4	1,196.50	7 3/4	1,943.41	7 3/4	2,323.64	7 3/4	2,681.94	7 3/4	3,037.43	7 3/4	3,393.92	7 3/4	3,751.41	7 3/4	4,107.96	7 3/4	4,462.44
8	157.70	8	483.21	8	1,203.96	8	1,950.86	8	2,331.10	8	2,690.40	8	3,045.89	8	3,402.38	8	3,759.87	8	4,115.45	8	4,469.94
8 1/4	164.05	8 1/4	490.51	8 1/4	1,211.43	8 1/4	1,958.27	8 1/4	2,338.57	8 1/4	2,698.06	8 1/4	3,053.55	8 1/4	3,410.04	8 1/4	3,767.53	8 1/4	4,122.94	8 1/4	4,477.43
8 1/2	170.40	8 1/2	497.81	8 1/2	1,218.89	8 1/2	1,965.72	8 1/2	2,346.03	8 1/2	2,705.52	8 1/2	3,060.51	8 1/2	3,417.00	8 1/2	3,774.49	8 1/2	4,130.43	8 1/2	4,484.92
8 3/4	176.74	8 3/4	505.11	8 3/4	1,226.36	8 3/4	1,973.17	8 3/4	2,353.54	8 3/4	2,713.03	8 3/4	3,068.02	8 3/4	3,424.51	8 3/4	3,781.99	8 3/4	4,137.92	8 3/4	4,492.41
9	183.09	9	512.41	9	1,233.82	9	1,980.62	9	2,361.00	9	2,718.49	9	3,073.98	9	3,431.47	9	3,788.96	9	4,145.45	9	4,500.40
9 1/4	189.51	9 1/4	519.79	9 1/4	1,241.28	9 1/4	1,988.07	9 1/4	2,368.47	9 1/4	2,725.96	9 1/4	3,080.95	9 1/4	3,438.44	9 1/4	3,795.93	9 1/4	4,152.94	9 1/4	4,507.89
9 1/2	195.93	9 1/2	527.17	9 1/2	1,248.75	9 1/2	1,995.52	9 1/2	2,375.91	9 1/2	2,733.40	9 1/2	3,088.44	9 1/2	3,445.93	9 1/2	3,803.42	9 1/2	4,160.43	9 1/2	4,515.38
9 3/4	202.35	9 3/4	534.55	9 3/4	1,256.21	9 3/4	2,002.97	9 3/4	2,383.39	9 3/4	2,740.88	9 3/4	3,095.92	9 3/4	3,453.41	9 3/4	3,810.90	9 3/4	4,167.92	9 3/4	4,522.87
10	208.77	10	541.93	10	1,263.68	10	2,010.42	10	2,390.87	10	2,748.36	10	3,103.85	10	3,461.34	10	3,818.83	10	4,176.32	10	4,530.36
10 1/4	215.27	10 1/4	549.37	10 1/4	1,271.14	10 1/4	2,017.87	10 1/4	2,397.36	10 1/4	2,755.85	10 1/4	3,109.34	10 1/4	3,466.83	10 1/4	3,824.32	10 1/4	4,181.81	10 1/4	4,537.85
10 1/2	221.78	10 1/2	556.81	10 1/2	1,278.61	10 1/2	2,024.32	10 1/2	2,404.85	10 1/2	2,763.34	10 1/2	3,115.83	10 1/2	3,473.32	10 1/2	3,830.81	10 1/2	4,189.30	10 1/2	4,545.34
10 3/4	228.28	10 3/4	564.26	10 3/4	1,286.07	10 3/4	2,031.79	10 3/4	2,411.38	10 3/4	2,770.89	10 3/4	3,122.38	10 3/4	3,480.87	10 3/4	3,838.36	10 3/4	4,196.85	10 3/4	4,552.83
11	234.78	11	571.70	11	1,293.54	11	2,039.24	11	2,418.87	11	2,778.96	11	3,130.45	11	3,489.94	11	3,848.43	11	4,206.92	11	4,564.41
11 1/4	241.35	11 1/4	579.16	11 1/4	1,301.00	11 1/4	2,046.69	11 1/4	2,426.40	11 1/4	2,786.50	11 1/4	3,138.99	11 1/4	3,498.48	11 1/4	3,856.97	11 1/4	4,214.46	11 1/4	4,571.90
11 1/2	247.95	11 1/2	586.63	11 1/2	1,308.47	11 1/2	2,054.14	11 1/2	2,433.91	11 1/2	2,794.01	11 1/2	3,146.50	11 1/2	3,505.99	11 1/2	3,864.48	11 1/2	4,222.00	11 1/2	4,579.44
11 3/4	254.53	11 3/4	594.09	11 3/4	1,315.90	11 3/4	2,061.59	11 3/4	2,441.34	11 3/4	2,801.51	11 3/4	3,154.00	11 3/4	3,513.49	11 3/4	3,872.98	11 3/4	4,230.00	11 3/4	4,586.93

BARGE STRAPPED

HSM 3142 FORMERLY

BARGE "EBL 2971"



1 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN 10 FT.		IN 11 FT.		IN 12 FT.		IN 13 FT.		IN 14 FT.		IN 15 FT.		IN 16 FT.		IN 17 FT.		IN 18 FT.		IN 19 FT.	
0	3,465.43	0	3,623.53	0	4,181.64	0	4,539.10	0	4,894.85	0		0		0		0		0	
1/4	3,472.89	1/4	3,630.99	1/4	4,189.10	1/4	4,546.54	1/4	4,902.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,480.35	1/2	3,638.45	1/2	4,196.56	1/2	4,553.97	1/2	4,909.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,487.81	3/4	3,645.91	3/4	4,204.02	3/4	4,561.41	3/4	4,917.06	3/4		3/4		3/4		3/4		3/4	
1	3,495.27	1	3,653.37	1	4,211.48	1	4,568.85	1	4,924.46	1		1		1		1		1	
1 1/4	3,502.73	1 1/4	3,660.83	1 1/4	4,218.94	1 1/4	4,576.29	1 1/4	4,931.80	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,510.19	1 1/2	3,668.29	1 1/2	4,226.40	1 1/2	4,583.73	1 1/2	4,939.13	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/2	3,517.65	3/2	3,675.75	3/2	4,233.86	3/2	4,591.17	3/2	4,946.47	3/2		3/2		3/2		3/2		3/2	
2	3,525.11	2	3,683.22	2	4,241.32	2	4,598.61	2	4,953.81	2		2		2		2		2	
2 1/4	3,532.57	2 1/4	3,690.68	2 1/4	4,248.78	2 1/4	4,606.05	2 1/4	4,960.51	2 1/4		2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	3,540.03	2 1/2	3,698.14	2 1/2	4,256.24	2 1/2	4,613.48	2 1/2	4,967.42	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
3/2	3,547.49	3/2	3,705.60	3/2	4,263.70	3/2	4,620.92	3/2	4,974.22	3/2		3/2		3/2		3/2		3/2	
3	3,554.95	3	3,713.06	3	4,271.16	3	4,628.36	3	4,981.02	3		3		3		3		3	
3 1/4	3,562.41	3 1/4	3,720.52	3 1/4	4,278.62	3 1/4	4,635.78	3 1/4	4,988.83	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	3,569.87	3 1/2	3,727.98	3 1/2	4,286.08	3 1/2	4,643.20	3 1/2	4,992.63	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
3/2	3,577.33	3/2	3,735.44	3/2	4,293.54	3/2	4,650.62	3/2	4,996.44	3/2		3/2		3/2		3/2		3/2	
4	3,584.80	4	3,742.90	4	4,301.00	4	4,658.04	4	5,004.24	4		4		4		4		4	
4 1/4	3,592.26	4 1/4	3,750.36	4 1/4	4,308.46	4 1/4	4,665.44	4 1/4	5,008.98	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	3,599.72	4 1/2	3,757.82	4 1/2	4,315.91	4 1/2	4,672.84	4 1/2	5,013.71	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
3/2	3,607.18	3/2	3,765.28	3/2	4,323.36	3/2	4,680.24	3/2	5,018.45	3/2		3/2		3/2		3/2		3/2	
5	3,614.64	5	3,772.74	5	4,330.81	5	4,687.63	5	5,023.19	5		5		5		5		5	
5 1/4	3,622.10	5 1/4	3,780.20	5 1/4	4,338.25	5 1/4	4,695.03	5 1/4	5,026.86	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	3,629.56	5 1/2	3,787.66	5 1/2	4,345.69	5 1/2	4,702.43	5 1/2	5,030.53	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
3/2	3,637.02	3/2	3,795.12	3/2	4,353.13	3/2	4,709.83	3/2	5,034.20	3/2		3/2		3/2		3/2		3/2	
6	3,644.48	6	3,802.58	6	4,360.57	6	4,717.23	6	5,037.87	6		6		6		6		6	
6 1/4	3,651.94	6 1/4	3,810.04	6 1/4	4,368.00	6 1/4	4,724.63	6 1/4	5,040.47	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	3,659.40	6 1/2	3,817.50	6 1/2	4,375.44	6 1/2	4,732.03	6 1/2	5,043.08	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
3/2	3,666.86	3/2	3,824.96	3/2	4,382.88	3/2	4,739.43	3/2	5,045.68	3/2		3/2		3/2		3/2		3/2	
7	3,674.32	7	3,832.43	7	4,390.32	7	4,746.83	7	5,048.29	7		7		7		7		7	
7 1/4	3,681.78	7 1/4	3,839.89	7 1/4	4,397.76	7 1/4	4,754.23	7 1/4	5,049.83	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	3,689.24	7 1/2	3,847.35	7 1/2	4,405.20	7 1/2	4,761.62	7 1/2	5,051.36	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
3/2	3,696.70	3/2	3,854.81	3/2	4,412.64	3/2	4,769.02	3/2	5,053.90	3/2		3/2		3/2		3/2		3/2	
8	3,704.16	8	3,862.27	8	4,420.08	8	4,776.42	8	5,054.44	8		8		8		8		8	
8 1/4	3,711.62	8 1/4	3,869.73	8 1/4	4,427.51	8 1/4	4,783.82	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	3,719.08	8 1/2	3,877.19	8 1/2	4,434.95	8 1/2	4,791.22	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
3/2	3,726.54	3/2	3,884.65	3/2	4,442.39	3/2	4,798.62	3/2		3/2		3/2		3/2		3/2		3/2	
9	3,734.01	9	3,892.11	9	4,449.83	9	4,806.02	9		9		9		9		9		9	
9 1/4	3,741.47	9 1/4	3,899.57	9 1/4	4,457.27	9 1/4	4,813.42	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	3,748.93	9 1/2	3,907.03	9 1/2	4,464.71	9 1/2	4,820.82	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
3/2	3,756.39	3/2	3,914.49	3/2	4,472.15	3/2	4,828.22	3/2		3/2		3/2		3/2		3/2		3/2	
10	3,763.85	10	3,921.95	10	4,479.59	10	4,835.62	10		10		10		10		10		10	
10 1/4	3,771.31	10 1/4	3,929.41	10 1/4	4,487.03	10 1/4	4,843.03	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	3,778.77	10 1/2	3,936.87	10 1/2	4,494.46	10 1/2	4,850.43	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
3/2	3,786.23	3/2	3,944.33	3/2	4,501.90	3/2	4,857.83	3/2		3/2		3/2		3/2		3/2		3/2	
11	3,793.69	11	3,951.79	11	4,509.34	11	4,865.23	11		11		11		11		11		11	
11 1/4	3,801.15	11 1/4	3,959.25	11 1/4	4,516.78	11 1/4	4,872.64	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	3,808.61	11 1/2	3,966.71	11 1/2	4,524.22	11 1/2	4,880.04	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
3/2	3,816.07	3/2	3,974.17	3/2	4,531.66	3/2	4,887.44	3/2		3/2		3/2		3/2		3/2		3/2	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 08/14/2015 CL
CALCULATED: 08/15/2015 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Paul J. Pms

HSM 3142 FORMERLY BARGE "EBL 2971"



1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.23	0	261.11	0	501.43	0	959.27	0	1,317.34	0	1,675.55	0	2,033.76	0	2,391.97	0	2,750.18	0	3,108.27
1/4	4.10	1/4	287.77	1/4	608.99	1/4	966.72	1/4	1,324.80	1/4	1,683.01	1/4	2,041.22	1/4	2,399.43	1/4	2,757.64	1/4	3,115.73
1/2	5.96	1/2	274.44	1/2	616.35	1/2	974.16	1/2	1,332.27	1/2	1,690.48	1/2	2,048.68	1/2	2,406.89	1/2	2,765.10	1/2	3,123.19
3/4	7.83	3/4	281.10	3/4	623.81	3/4	981.61	3/4	1,339.73	3/4	1,697.94	3/4	2,055.15	3/4	2,414.36	3/4	2,772.57	3/4	3,129.64
1	9.69	1	287.77	1	631.28	1	989.06	1	1,347.19	1	1,705.40	1	2,063.61	1	2,421.82	1	2,780.03	1	3,138.10
1 1/4	12.61	1 1/4	294.51	1 1/4	638.74	1 1/4	996.81	1 1/4	1,354.65	1 1/4	1,712.86	1 1/4	2,071.07	1 1/4	2,429.28	1 1/4	2,787.49	1 1/4	3,145.56
1 1/2	15.52	1 1/2	301.26	1 1/2	646.20	1 1/2	1,003.97	1 1/2	1,362.12	1 1/2	1,720.33	1 1/2	2,079.54	1 1/2	2,437.75	1 1/2	2,795.95	1 1/2	3,153.02
1 3/4	18.43	1 3/4	308.00	1 3/4	653.66	1 3/4	1,011.42	1 3/4	1,369.58	1 3/4	1,727.79	1 3/4	2,086.00	1 3/4	2,444.21	1 3/4	2,802.42	1 3/4	3,160.48
2	21.35	2	314.75	2	661.13	2	1,018.87	2	1,377.04	2	1,735.25	2	2,093.46	2	2,451.67	2	2,809.88	2	3,167.94
2 1/4	25.35	2 1/4	321.57	2 1/4	668.99	2 1/4	1,026.33	2 1/4	1,384.50	2 1/4	1,742.71	2 1/4	2,101.92	2 1/4	2,459.13	2 1/4	2,817.34	2 1/4	3,175.40
2 1/2	29.35	2 1/2	328.40	2 1/2	676.05	2 1/2	1,033.78	2 1/2	1,391.97	2 1/2	1,750.18	2 1/2	2,109.39	2 1/2	2,466.60	2 1/2	2,824.81	2 1/2	3,182.86
3	33.35	3	335.22	3	683.51	3	1,041.24	3	1,399.43	3	1,757.64	3	2,115.85	3	2,474.06	3	2,832.27	3	3,190.31
3 1/4	37.35	3 1/4	342.06	3 1/4	690.97	3 1/4	1,048.70	3 1/4	1,406.89	3 1/4	1,765.10	3 1/4	2,123.31	3 1/4	2,481.52	3 1/4	2,839.73	3 1/4	3,197.77
3 1/2	41.35	3 1/2	348.95	3 1/2	698.44	3 1/2	1,056.16	3 1/2	1,414.36	3 1/2	1,772.56	3 1/2	2,130.77	3 1/2	2,488.98	3 1/2	2,847.19	3 1/2	3,205.23
4	45.35	4	355.85	4	705.90	4	1,063.62	4	1,421.82	4	1,780.03	4	2,138.24	4	2,496.45	4	2,854.66	4	3,212.69
4 1/4	49.35	4 1/4	362.74	4 1/4	713.36	4 1/4	1,071.07	4 1/4	1,429.28	4 1/4	1,787.49	4 1/4	2,145.70	4 1/4	2,503.91	4 1/4	2,862.12	4 1/4	3,220.15
4 1/2	53.35	4 1/2	369.64	4 1/2	720.82	4 1/2	1,078.53	4 1/2	1,436.74	4 1/2	1,794.95	4 1/2	2,153.16	4 1/2	2,511.37	4 1/2	2,869.58	4 1/2	3,227.61
5	57.35	5	376.62	5	728.29	5	1,086.00	5	1,444.21	5	1,802.42	5	2,160.63	5	2,518.83	5	2,877.04	5	3,235.07
5 1/4	61.35	5 1/4	383.59	5 1/4	735.75	5 1/4	1,093.46	5 1/4	1,451.67	5 1/4	1,809.88	5 1/4	2,168.09	5 1/4	2,526.30	5 1/4	2,884.51	5 1/4	3,242.52
5 1/2	65.35	5 1/2	390.56	5 1/2	743.21	5 1/2	1,100.92	5 1/2	1,459.13	5 1/2	1,817.34	5 1/2	2,175.55	5 1/2	2,533.76	5 1/2	2,891.97	5 1/2	3,249.98
6	69.35	6	397.54	6	750.67	6	1,108.38	6	1,466.59	6	1,824.80	6	2,183.01	6	2,541.22	6	2,899.44	6	3,257.44
6 1/4	73.35	6 1/4	404.59	6 1/4	758.13	6 1/4	1,115.85	6 1/4	1,474.06	6 1/4	1,832.27	6 1/4	2,190.48	6 1/4	2,548.69	6 1/4	2,906.89	6 1/4	3,264.90
6 1/2	77.35	6 1/2	411.65	6 1/2	765.59	6 1/2	1,123.31	6 1/2	1,481.52	6 1/2	1,839.73	6 1/2	2,197.94	6 1/2	2,556.15	6 1/2	2,914.35	6 1/2	3,272.36
7	81.35	7	418.70	7	773.04	7	1,130.77	7	1,489.98	7	1,847.19	7	2,205.40	7	2,563.61	7	2,921.81	7	3,279.92
7 1/4	85.35	7 1/4	425.75	7 1/4	780.50	7 1/4	1,138.24	7 1/4	1,496.45	7 1/4	1,854.65	7 1/4	2,212.86	7 1/4	2,571.07	7 1/4	2,929.26	7 1/4	3,287.28
7 1/2	89.35	7 1/2	432.89	7 1/2	787.94	7 1/2	1,145.70	7 1/2	1,503.91	7 1/2	1,862.12	7 1/2	2,220.33	7 1/2	2,578.54	7 1/2	2,936.72	7 1/2	3,294.73
8	93.35	8	440.03	8	795.39	8	1,153.16	8	1,511.37	8	1,869.58	8	2,227.79	8	2,586.00	8	2,944.18	8	3,302.19
8 1/4	97.35	8 1/4	447.16	8 1/4	802.84	8 1/4	1,160.62	8 1/4	1,518.83	8 1/4	1,877.04	8 1/4	2,235.25	8 1/4	2,593.46	8 1/4	2,951.64	8 1/4	3,309.65
8 1/2	101.35	8 1/2	454.30	8 1/2	810.29	8 1/2	1,168.09	8 1/2	1,526.30	8 1/2	1,884.51	8 1/2	2,242.72	8 1/2	2,600.92	8 1/2	2,959.10	8 1/2	3,317.11
9	105.35	9	461.52	9	817.74	9	1,175.55	9	1,533.76	9	1,891.97	9	2,250.18	9	2,608.39	9	2,966.56	9	3,324.57
9 1/4	109.35	9 1/4	468.73	9 1/4	825.19	9 1/4	1,183.01	9 1/4	1,541.22	9 1/4	1,899.43	9 1/4	2,257.64	9 1/4	2,615.85	9 1/4	2,974.01	9 1/4	3,332.03
9 1/2	113.35	9 1/2	475.95	9 1/2	832.64	9 1/2	1,190.47	9 1/2	1,548.68	9 1/2	1,906.89	9 1/2	2,265.10	9 1/2	2,623.31	9 1/2	2,981.47	9 1/2	3,339.49
10	117.35	10	483.17	10	840.09	10	1,197.94	10	1,556.15	10	1,914.36	10	2,272.57	10	2,630.78	10	2,988.93	10	3,346.94
10 1/4	121.35	10 1/4	490.46	10 1/4	847.54	10 1/4	1,205.40	10 1/4	1,563.61	10 1/4	1,921.82	10 1/4	2,280.03	10 1/4	2,638.24	10 1/4	2,996.39	10 1/4	3,354.40
10 1/2	125.35	10 1/2	497.76	10 1/2	854.98	10 1/2	1,212.86	10 1/2	1,571.07	10 1/2	1,929.28	10 1/2	2,287.49	10 1/2	2,645.70	10 1/2	3,003.85	10 1/2	3,361.86
11	129.35	11	505.05	11	862.43	11	1,220.33	11	1,578.53	11	1,936.74	11	2,294.95	11	2,653.16	11	3,011.31	11	3,369.32
11 1/4	133.35	11 1/4	512.35	11 1/4	869.88	11 1/4	1,227.79	11 1/4	1,586.00	11 1/4	1,944.21	11 1/4	2,302.42	11 1/4	2,660.63	11 1/4	3,018.77	11 1/4	3,376.78
11 1/2	137.35	11 1/2	519.72	11 1/2	877.33	11 1/2	1,235.25	11 1/2	1,593.48	11 1/2	1,951.67	11 1/2	2,309.88	11 1/2	2,668.09	11 1/2	3,026.22	11 1/2	3,384.24
12	141.35	12	527.09	12	884.78	12	1,242.71	12	1,600.92	12	1,959.13	12	2,317.34	12	2,675.55	12	3,033.68	12	3,391.70
12 1/4	145.35	12 1/4	534.46	12 1/4	892.23	12 1/4	1,250.18	12 1/4	1,608.39	12 1/4	1,966.60	12 1/4	2,324.80	12 1/4	2,683.01	12 1/4	3,041.14	12 1/4	3,399.15
12 1/2	149.35	12 1/2	541.83	12 1/2	899.68	12 1/2	1,257.64	12 1/2	1,615.85	12 1/2	1,974.06	12 1/2	2,332.27	12 1/2	2,690.48	12 1/2	3,048.60	12 1/2	3,406.61
13	153.35	13	549.27	13	907.13	13	1,265.10	13	1,623.31	13	1,981.52	13	2,339.73	13	2,697.94	13	3,056.06	13	3,414.07
13 1/4	157.35	13 1/4	556.70	13 1/4	914.57	13 1/4	1,272.56	13 1/4	1,630.77	13 1/4	1,988.98	13 1/4	2,347.19	13 1/4	2,705.40	13 1/4	3,063.52	13 1/4	3,421.53
13 1/2	161.35	13 1/2	564.14	13 1/2	922.02	13 1/2	1,280.03	13 1/2	1,638.24	13 1/2	1,996.45	13 1/2	2,354.66	13 1/2	2,712.87	13 1/2	3,070.98	13 1/2	3,428.99
14	165.35	14	571.58	14	929.47	14	1,287.49	14	1,645.70	14	2,003.91	14	2,362.12	14	2,720.33	14	3,078.43	14	3,436.45
14 1/4	169.35	14 1/4	579.04	14 1/4	936.92	14 1/4	1,294.95	14 1/4	1,653.16	14 1/4	2,011.37	14 1/4	2,369.58	14 1/4	2,727.79	14 1/4	3,085.89	14 1/4	3,443.91
14 1/2	173.35	14 1/2	586.50	14 1/2	944.37	14 1/2	1,302.41	14 1/2	1,660.62	14 1/2	2,018.83	14 1/2	2,375.25	14 1/2	2,735.25	14 1/2	3,093.35	14 1/2	3,451.36
15	177.35	15	593.96	15	951.82	15	1,309.88	15	1,668.09	15	2,026.30	15	2,384.51	15	2,742.72	15	3,100.81	15	3,458.82

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.

GAUGE POINT: (THERMATIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (10" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Portland, Texas 77168

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[Signature]

HSM 3142 FORMERLY

BARGE "EBL 2971"



1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	3,486.28	0	3,824.29	0	4,182.31	0	4,539.87	0	4,895.34	0				0				0	
1/4	3,473.74	1/4	3,831.75	1/4	4,189.77	1/4	4,547.11	1/4	4,902.74	1/4				1/4				1/4	
1/2	3,481.20	1/2	3,839.21	1/2	4,197.22	1/2	4,554.55	1/2	4,910.14	1/2				1/2				1/2	
3/4	3,488.66	3/4	3,846.67	3/4	4,204.68	3/4	4,561.98	3/4	4,917.54	3/4				3/4				3/4	
1	3,496.12	1	3,854.13	1	4,212.14	1	4,569.42	1	4,924.94	1				1				1	
1/4	3,503.57	1/4	3,861.58	1/4	4,219.60	1/4	4,576.86	1/4	4,932.27	1/4				1/4				1/4	
1/2	3,511.03	1/2	3,869.05	1/2	4,227.06	1/2	4,584.30	1/2	4,939.81	1/2				1/2				1/2	
3/4	3,518.49	3/4	3,876.50	3/4	4,234.52	3/4	4,591.73	3/4	4,946.94	3/4				3/4				3/4	
2	3,525.95	2	3,883.96	2	4,241.98	2	4,599.17	2	4,954.27	2				2				2	
1/4	3,533.41	1/4	3,891.42	1/4	4,249.43	1/4	4,606.61	1/4	4,961.08	1/4				1/4				1/4	
1/2	3,540.87	1/2	3,898.88	1/2	4,256.89	1/2	4,614.04	1/2	4,967.88	1/2				1/2				1/2	
3/4	3,548.33	3/4	3,906.34	3/4	4,264.35	3/4	4,621.48	3/4	4,974.88	3/4				3/4				3/4	
3	3,555.79	3	3,913.80	3	4,271.81	3	4,628.92	3	4,981.48	3				3				3	
1/4	3,563.24	1/4	3,921.26	1/4	4,279.27	1/4	4,636.33	1/4	4,987.28	1/4				1/4				1/4	
1/2	3,570.70	1/2	3,928.72	1/2	4,286.73	1/2	4,643.75	1/2	4,993.08	1/2				1/2				1/2	
3/4	3,578.16	3/4	3,936.17	3/4	4,294.19	3/4	4,651.17	3/4	4,998.88	3/4				3/4				3/4	
4	3,585.62	4	3,943.63	4	4,301.65	4	4,658.59	4	5,004.69	4				4				4	
1/4	3,593.08	1/4	3,951.09	1/4	4,309.09	1/4	4,665.98	1/4	5,009.42	1/4				1/4				1/4	
1/2	3,600.54	1/2	3,958.55	1/2	4,316.54	1/2	4,673.38	1/2	5,014.16	1/2				1/2				1/2	
3/4	3,608.00	3/4	3,966.01	3/4	4,323.99	3/4	4,680.78	3/4	5,018.89	3/4				3/4				3/4	
5	3,615.45	5	3,973.47	5	4,331.44	5	4,688.17	5	5,023.63	5				5				5	
1/4	3,622.91	1/4	3,980.93	1/4	4,338.88	1/4	4,695.57	1/4	5,027.30	1/4				1/4				1/4	
1/2	3,630.37	1/2	3,988.38	1/2	4,346.31	1/2	4,702.97	1/2	5,030.97	1/2				1/2				1/2	
3/4	3,637.83	3/4	3,995.84	3/4	4,353.75	3/4	4,710.37	3/4	5,034.64	3/4				3/4				3/4	
6	3,645.29	6	4,003.30	6	4,361.19	6	4,717.76	6	5,038.31	6				6				6	
1/4	3,652.75	1/4	4,010.76	1/4	4,368.63	1/4	4,725.16	1/4	5,040.91	1/4				1/4				1/4	
1/2	3,660.21	1/2	4,018.22	1/2	4,376.06	1/2	4,732.56	1/2	5,043.52	1/2				1/2				1/2	
3/4	3,667.66	3/4	4,025.68	3/4	4,383.50	3/4	4,739.95	3/4	5,046.12	3/4				3/4				3/4	
7	3,675.12	7	4,033.14	7	4,390.94	7	4,747.35	7	5,048.72	7				7				7	
1/4	3,682.58	1/4	4,040.59	1/4	4,398.37	1/4	4,754.75	1/4	5,050.28	1/4				1/4				1/4	
1/2	3,690.04	1/2	4,048.05	1/2	4,405.81	1/2	4,762.15	1/2	5,051.80	1/2				1/2				1/2	
3/4	3,697.50	3/4	4,055.51	3/4	4,413.25	3/4	4,769.54	3/4	5,053.34	3/4				3/4				3/4	
8	3,704.96	8	4,062.97	8	4,420.68	8	4,776.94	8	5,054.87	8				8				8	
1/4	3,712.42	1/4	4,070.43	1/4	4,428.12	1/4	4,784.34	1/4		1/4				1/4				1/4	
1/2	3,719.87	1/2	4,077.89	1/2	4,435.56	1/2	4,791.74	1/2		1/2				1/2				1/2	
3/4	3,727.33	3/4	4,085.35	3/4	4,442.99	3/4	4,799.13	3/4		3/4				3/4				3/4	
9	3,734.79	9	4,092.80	9	4,450.43	9	4,806.53	9		9				9				9	
1/4	3,742.25	1/4	4,100.26	1/4	4,457.87	1/4	4,813.93	1/4		1/4				1/4				1/4	
1/2	3,749.71	1/2	4,107.72	1/2	4,465.31	1/2	4,821.33	1/2		1/2				1/2				1/2	
3/4	3,757.17	3/4	4,115.18	3/4	4,472.74	3/4	4,828.73	3/4		3/4				3/4				3/4	
10	3,764.63	10	4,122.64	10	4,480.18	10	4,836.13	10		10				10				10	
1/4	3,772.08	1/4	4,130.10	1/4	4,487.62	1/4	4,843.53	1/4		1/4				1/4				1/4	
1/2	3,779.54	1/2	4,137.56	1/2	4,495.05	1/2	4,850.93	1/2		1/2				1/2				1/2	
3/4	3,787.00	3/4	4,145.01	3/4	4,502.49	3/4	4,858.33	3/4		3/4				3/4				3/4	
11	3,794.46	11	4,152.47	11	4,509.93	11	4,865.73	11		11				11				11	
1/4	3,801.92	1/4	4,159.93	1/4	4,517.36	1/4	4,873.13	1/4		1/4				1/4				1/4	
1/2	3,809.38	1/2	4,167.39	1/2	4,524.80	1/2	4,880.53	1/2		1/2				1/2				1/2	
3/4	3,816.84	3/4	4,174.85	3/4	4,532.24	3/4	4,887.93	3/4		3/4				3/4				3/4	

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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2082
Pearland, Texas 77588
http://www.pmacorp.net

Paul J. Hume

HSM 3142 FORMERLY BARGE "EBL 2971"



2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2.24	0	314.59	0	673.71	0	1,024.93	0	1,377.60	0	1,736.73	0	2,095.86	0	2,454.98	0	2,814.11	0	3,173.13
1/4	4.11	1/4	322.07	1/4	681.19	1/4	1,032.11	1/4	1,385.09	1/4	1,744.21	1/4	2,103.34	1/4	2,462.46	1/4	2,821.59	1/4	3,180.61
1/2	5.98	1/2	329.55	1/2	688.67	1/2	1,039.29	1/2	1,392.57	1/2	1,751.69	1/2	2,110.82	1/2	2,469.95	1/2	2,829.07	1/2	3,188.08
3/4	7.85	3/4	337.04	3/4	696.15	3/4	1,046.47	3/4	1,400.05	3/4	1,759.18	3/4	2,118.30	3/4	2,477.43	3/4	2,836.55	3/4	3,195.56
1	9.72	1	344.52	1	703.63	1	1,053.64	1	1,407.53	1	1,766.66	1	2,125.78	1	2,484.91	1	2,844.04	1	3,203.04
1 1/4	13.46	1 1/4	352.00	1 1/4	711.12	1 1/4	1,060.83	1 1/4	1,415.01	1 1/4	1,774.14	1 1/4	2,133.27	1 1/4	2,492.39	1 1/4	2,851.52	1 1/4	3,210.52
1 1/2	17.20	1 1/2	359.48	1 1/2	718.60	1 1/2	1,068.01	1 1/2	1,422.49	1 1/2	1,781.62	1 1/2	2,140.75	1 1/2	2,499.87	1 1/2	2,859.00	1 1/2	3,218.00
1 3/4	20.94	1 3/4	366.96	1 3/4	726.08	1 3/4	1,075.19	1 3/4	1,429.98	1 3/4	1,789.10	1 3/4	2,148.23	1 3/4	2,507.36	1 3/4	2,866.48	1 3/4	3,225.47
2	24.68	2	374.44	2	733.56	2	1,082.37	2	1,437.46	2	1,796.58	2	2,155.71	2	2,514.84	2	2,873.96	2	3,232.95
2 1/4	30.29	2 1/4	381.93	2 1/4	741.04	2 1/4	1,089.55	2 1/4	1,444.94	2 1/4	1,804.07	2 1/4	2,163.19	2 1/4	2,522.32	2 1/4	2,881.45	2 1/4	3,240.43
2 1/2	35.90	2 1/2	389.41	2 1/2	748.52	2 1/2	1,096.74	2 1/2	1,452.42	2 1/2	1,811.55	2 1/2	2,170.67	2 1/2	2,529.80	2 1/2	2,888.93	2 1/2	3,247.91
2 3/4	41.51	2 3/4	396.89	2 3/4	756.01	2 3/4	1,103.93	2 3/4	1,459.90	2 3/4	1,819.03	2 3/4	2,178.16	2 3/4	2,537.28	2 3/4	2,896.41	2 3/4	3,255.38
3	47.12	3	404.37	3	763.49	3	1,111.11	3	1,467.39	3	1,826.51	3	2,185.64	3	2,544.76	3	2,903.89	3	3,262.86
3 1/4	54.14	3 1/4	411.85	3 1/4	770.97	3 1/4	1,118.30	3 1/4	1,474.87	3 1/4	1,833.99	3 1/4	2,193.12	3 1/4	2,552.25	3 1/4	2,911.37	3 1/4	3,270.34
3 1/2	61.15	3 1/2	419.33	3 1/2	778.45	3 1/2	1,125.50	3 1/2	1,482.35	3 1/2	1,841.48	3 1/2	2,200.60	3 1/2	2,559.73	3 1/2	2,918.85	3 1/2	3,277.82
3 3/4	68.17	3 3/4	426.82	3 3/4	786.93	3 3/4	1,132.69	3 3/4	1,489.83	3 3/4	1,848.96	3 3/4	2,208.08	3 3/4	2,567.21	3 3/4	2,926.34	3 3/4	3,285.29
4	75.18	4	434.30	4	793.41	4	1,139.88	4	1,497.31	4	1,856.44	4	2,215.57	4	2,574.69	4	2,933.82	4	3,292.77
4 1/4	82.66	4 1/4	441.78	4 1/4	800.90	4 1/4	1,147.08	4 1/4	1,504.79	4 1/4	1,863.92	4 1/4	2,223.05	4 1/4	2,582.17	4 1/4	2,941.30	4 1/4	3,300.25
4 1/2	90.14	4 1/2	449.26	4 1/2	808.38	4 1/2	1,154.28	4 1/2	1,512.28	4 1/2	1,871.40	4 1/2	2,230.53	4 1/2	2,589.66	4 1/2	2,948.78	4 1/2	3,307.73
4 3/4	97.63	4 3/4	456.74	4 3/4	815.86	4 3/4	1,161.48	4 3/4	1,519.76	4 3/4	1,878.88	4 3/4	2,238.01	4 3/4	2,597.14	4 3/4	2,956.26	4 3/4	3,315.21
5	105.11	5	464.22	5	823.34	5	1,168.66	5	1,527.24	5	1,886.37	5	2,245.49	5	2,604.62	5	2,963.75	5	3,322.68
5 1/4	112.59	5 1/4	471.71	5 1/4	830.67	5 1/4	1,176.02	5 1/4	1,534.72	5 1/4	1,893.85	5 1/4	2,252.97	5 1/4	2,612.10	5 1/4	2,971.23	5 1/4	3,330.16
5 1/2	120.07	5 1/2	479.19	5 1/2	838.00	5 1/2	1,183.36	5 1/2	1,542.20	5 1/2	1,901.33	5 1/2	2,260.46	5 1/2	2,619.58	5 1/2	2,978.70	5 1/2	3,337.64
5 3/4	127.55	5 3/4	486.67	5 3/4	845.33	5 3/4	1,190.70	5 3/4	1,549.69	5 3/4	1,908.81	5 3/4	2,267.94	5 3/4	2,627.06	5 3/4	2,986.18	5 3/4	3,345.12
6	135.03	6	494.15	6	852.66	6	1,198.04	6	1,557.17	6	1,916.29	6	2,275.42	6	2,634.55	6	2,993.66	6	3,352.59
6 1/4	142.51	6 1/4	501.63	6 1/4	859.84	6 1/4	1,205.52	6 1/4	1,564.65	6 1/4	1,923.78	6 1/4	2,282.90	6 1/4	2,642.03	6 1/4	3,001.14	6 1/4	3,360.07
6 1/2	150.00	6 1/2	509.11	6 1/2	867.01	6 1/2	1,213.00	6 1/2	1,572.13	6 1/2	1,931.26	6 1/2	2,290.38	6 1/2	2,649.51	6 1/2	3,008.62	6 1/2	3,367.55
6 3/4	157.48	6 3/4	516.59	6 3/4	874.19	6 3/4	1,220.49	6 3/4	1,579.61	6 3/4	1,938.74	6 3/4	2,297.87	6 3/4	2,656.99	6 3/4	3,016.10	6 3/4	3,375.03
7	164.96	7	524.08	7	881.37	7	1,227.97	7	1,587.09	7	1,946.22	7	2,305.35	7	2,664.47	7	3,023.58	7	3,382.50
7 1/4	172.44	7 1/4	531.56	7 1/4	888.55	7 1/4	1,235.45	7 1/4	1,594.58	7 1/4	1,953.70	7 1/4	2,312.83	7 1/4	2,671.96	7 1/4	3,031.05	7 1/4	3,389.98
7 1/2	179.92	7 1/2	539.04	7 1/2	895.73	7 1/2	1,242.93	7 1/2	1,602.06	7 1/2	1,961.18	7 1/2	2,320.31	7 1/2	2,679.44	7 1/2	3,038.53	7 1/2	3,397.46
7 3/4	187.40	7 3/4	546.52	7 3/4	902.90	7 3/4	1,250.41	7 3/4	1,609.54	7 3/4	1,968.67	7 3/4	2,327.79	7 3/4	2,686.92	7 3/4	3,046.01	7 3/4	3,404.94
8	194.89	8	554.00	8	910.08	8	1,257.89	8	1,617.02	8	1,976.15	8	2,335.27	8	2,694.40	8	3,053.49	8	3,412.42
8 1/4	202.37	8 1/4	561.48	8 1/4	917.26	8 1/4	1,265.38	8 1/4	1,624.50	8 1/4	1,983.63	8 1/4	2,342.76	8 1/4	2,701.88	8 1/4	3,060.96	8 1/4	3,419.89
8 1/2	209.85	8 1/2	568.97	8 1/2	924.44	8 1/2	1,272.86	8 1/2	1,631.98	8 1/2	1,991.11	8 1/2	2,350.24	8 1/2	2,709.36	8 1/2	3,068.44	8 1/2	3,427.37
8 3/4	217.33	8 3/4	576.45	8 3/4	931.62	8 3/4	1,280.34	8 3/4	1,639.47	8 3/4	1,998.59	8 3/4	2,357.72	8 3/4	2,716.85	8 3/4	3,075.92	8 3/4	3,434.85
9	224.81	9	583.93	9	938.79	9	1,287.82	9	1,646.95	9	2,006.07	9	2,365.20	9	2,724.33	9	3,083.40	9	3,442.33
9 1/4	232.29	9 1/4	591.41	9 1/4	945.97	9 1/4	1,295.30	9 1/4	1,654.43	9 1/4	2,015.56	9 1/4	2,372.68	9 1/4	2,731.81	9 1/4	3,090.87	9 1/4	3,449.80
9 1/2	239.78	9 1/2	598.89	9 1/2	953.15	9 1/2	1,302.79	9 1/2	1,661.91	9 1/2	2,021.04	9 1/2	2,380.16	9 1/2	2,739.29	9 1/2	3,098.35	9 1/2	3,457.28
9 3/4	247.26	9 3/4	606.37	9 3/4	960.33	9 3/4	1,310.27	9 3/4	1,669.39	9 3/4	2,028.52	9 3/4	2,387.65	9 3/4	2,746.77	9 3/4	3,105.83	9 3/4	3,464.76
10	254.74	10	613.86	10	967.51	10	1,317.75	10	1,676.88	10	2,036.00	10	2,395.13	10	2,754.25	10	3,113.31	10	3,472.24
10 1/4	262.22	10 1/4	621.34	10 1/4	974.69	10 1/4	1,325.23	10 1/4	1,684.36	10 1/4	2,043.48	10 1/4	2,402.61	10 1/4	2,761.74	10 1/4	3,120.79	10 1/4	3,479.71
10 1/2	269.70	10 1/2	628.82	10 1/2	981.86	10 1/2	1,332.71	10 1/2	1,691.84	10 1/2	2,050.97	10 1/2	2,410.09	10 1/2	2,769.22	10 1/2	3,128.26	10 1/2	3,487.19
10 3/4	277.18	10 3/4	636.30	10 3/4	989.04	10 3/4	1,340.19	10 3/4	1,699.32	10 3/4	2,058.45	10 3/4	2,417.57	10 3/4	2,776.70	10 3/4	3,135.74	10 3/4	3,494.67
11	284.67	11	643.78	11	998.22	11	1,347.68	11	1,706.80	11	2,065.93	11	2,425.06	11	2,784.18	11	3,143.22	11	3,502.15
11 1/4	292.15	11 1/4	651.26	11 1/4	1,003.40	11 1/4	1,355.16	11 1/4	1,714.28	11 1/4	2,074.89	11 1/4	2,432.54	11 1/4	2,791.66	11 1/4	3,150.70	11 1/4	3,509.63
11 1/2	299.63	11 1/2	658.75	11 1/2	1,010.58	11 1/2	1,362.64	11 1/2	1,721.77	11 1/2	2,080.89	11 1/2	2,440.02	11 1/2	2,799.15	11 1/2	3,158.17	11 1/2	3,517.10
11 3/4	307.11	11 3/4	666.23	11 3/4	1,017.75	11 3/4	1,370.12	11 3/4	1,729.25	11 3/4	2,088.37	11 3/4	2,447.50	11 3/4	2,806.63	11 3/4	3,165.65	11 3/4	3,524.58

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN ON EXPANSION DOME.

GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (10" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

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HSM 3142 FORMERLY

BARGE "EBL 2971"



2 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	3,532.06	0	3,890.99	0	4,249.92	0	4,608.85	0	4,967.78	0	5,326.71	0	5,685.64	0	6,044.57	0	6,403.50	0	6,762.43
1/4	3,539.54	1/4	3,898.47	1/4	4,257.40	1/4	4,616.33	1/4	4,975.26	1/4	5,334.19	1/4	5,693.12	1/4	6,052.05	1/4	6,410.98	1/4	6,769.91
1/2	3,547.01	1/2	3,905.94	1/2	4,264.87	1/2	4,623.80	1/2	4,982.69	1/2	5,341.66	1/2	5,700.59	1/2	6,059.52	1/2	6,418.45	1/2	6,777.38
3/4	3,554.49	3/4	3,913.42	3/4	4,272.35	3/4	4,631.33	3/4	4,990.22	3/4	5,349.13	3/4	5,708.06	3/4	6,066.99	3/4	6,425.92	3/4	6,784.85
1	3,561.97	1	3,920.90	1	4,279.83	1	4,638.86	1	5,000.00	1	5,356.64	1	5,715.57	1	6,074.50	1	6,433.39	1	6,791.78
1 1/4	3,569.45	1 1/4	3,928.38	1 1/4	4,287.31	1 1/4	4,646.34	1 1/4	5,007.50	1 1/4	5,364.11	1 1/4	5,722.50	1 1/4	6,081.98	1 1/4	6,440.91	1 1/4	6,800.00
1 1/2	3,576.93	1 1/2	3,935.86	1 1/2	4,294.78	1 1/2	4,653.82	1 1/2	5,014.44	1 1/2	5,371.03	1 1/2	5,729.52	1 1/2	6,089.46	1 1/2	6,448.39	1 1/2	6,807.48
3/4	3,584.40	3/4	3,943.33	3/4	4,302.26	3/4	4,661.29	3/4	5,021.38	3/4	5,378.50	3/4	5,736.51	3/4	6,096.97	3/4	6,455.88	3/4	6,814.96
2	3,591.88	2	3,950.81	2	4,309.74	2	4,668.76	2	5,028.32	2	5,385.44	2	5,743.50	2	6,104.44	2	6,463.36	2	6,822.44
1 1/4	3,599.36	1 1/4	3,958.29	1 1/4	4,317.22	1 1/4	4,676.24	1 1/4	5,035.26	1 1/4	5,392.41	1 1/4	5,750.52	1 1/4	6,111.92	1 1/4	6,470.84	1 1/4	6,829.92
1 1/2	3,606.84	1 1/2	3,965.77	1 1/2	4,324.70	1 1/2	4,684.20	1 1/2	5,042.20	1 1/2	5,400.00	1 1/2	5,758.03	1 1/2	6,119.40	1 1/2	6,478.32	1 1/2	6,837.40
3/4	3,614.31	3/4	3,973.24	3/4	4,332.17	3/4	4,692.16	3/4	5,049.14	3/4	5,407.50	3/4	5,765.54	3/4	6,126.88	3/4	6,485.80	3/4	6,844.88
3	3,621.79	3	3,980.72	3	4,339.65	3	4,699.11	3	5,056.08	3	5,414.44	3	5,772.58	3	6,134.36	3	6,493.28	3	6,852.36
1 1/4	3,629.27	1 1/4	3,988.20	1 1/4	4,347.13	1 1/4	4,707.08	1 1/4	5,063.02	1 1/4	5,421.38	1 1/4	5,780.03	1 1/4	6,141.84	1 1/4	6,500.72	1 1/4	6,859.84
1 1/2	3,636.75	1 1/2	3,995.68	1 1/2	4,354.61	1 1/2	4,715.06	1 1/2	5,070.00	1 1/2	5,428.86	1 1/2	5,787.57	1 1/2	6,149.32	1 1/2	6,508.20	1 1/2	6,867.32
3/4	3,644.22	3/4	4,003.15	3/4	4,362.08	3/4	4,723.01	3/4	5,076.94	3/4	5,436.34	3/4	5,795.09	3/4	6,156.80	3/4	6,515.68	3/4	6,874.80
4	3,651.70	4	4,010.63	4	4,369.56	4	4,730.44	4	5,083.88	4	5,443.82	4	5,801.92	4	6,164.28	4	6,523.16	4	6,882.28
1 1/4	3,659.18	1 1/4	4,018.11	1 1/4	4,377.03	1 1/4	4,740.91	1 1/4	5,090.82	1 1/4	5,451.30	1 1/4	5,809.44	1 1/4	6,171.76	1 1/4	6,530.64	1 1/4	6,889.76
1 1/2	3,666.66	1 1/2	4,025.59	1 1/2	4,384.50	1 1/2	4,747.39	1 1/2	5,097.76	1 1/2	5,458.78	1 1/2	5,816.92	1 1/2	6,179.24	1 1/2	6,538.12	1 1/2	6,897.24
3/4	3,674.14	3/4	4,033.06	3/4	4,391.97	3/4	4,754.88	3/4	5,104.70	3/4	5,466.26	3/4	5,824.40	3/4	6,186.72	3/4	6,545.60	3/4	6,904.72
5	3,681.61	5	4,040.54	5	4,399.44	5	4,762.36	5	5,111.64	5	5,473.74	5	5,831.88	5	6,194.16	5	6,553.04	5	6,912.24
1 1/4	3,689.09	1 1/4	4,048.02	1 1/4	4,406.90	1 1/4	4,769.81	1 1/4	5,118.72	1 1/4	5,480.20	1 1/4	5,838.34	1 1/4	6,201.64	1 1/4	6,560.52	1 1/4	6,919.64
1 1/2	3,696.57	1 1/2	4,055.50	1 1/2	4,414.36	1 1/2	4,777.33	1 1/2	5,125.66	1 1/2	5,487.68	1 1/2	5,845.82	1 1/2	6,209.12	1 1/2	6,568.00	1 1/2	6,927.12
3/4	3,704.05	3/4	4,062.98	3/4	4,421.81	3/4	4,784.80	3/4	5,132.60	3/4	5,495.16	3/4	5,853.30	3/4	6,216.60	3/4	6,575.48	3/4	6,934.64
6	3,711.52	6	4,070.45	6	4,429.27	6	4,791.76	6	5,139.54	6	5,501.64	6	5,859.78	6	6,224.08	6	6,583.96	6	6,942.08
1 1/4	3,719.00	1 1/4	4,077.93	1 1/4	4,436.72	1 1/4	4,798.71	1 1/4	5,146.64	1 1/4	5,508.74	1 1/4	5,866.88	1 1/4	6,231.52	1 1/4	6,591.40	1 1/4	6,949.52
1 1/2	3,726.48	1 1/2	4,085.41	1 1/2	4,444.18	1 1/2	4,806.16	1 1/2	5,153.58	1 1/2	5,515.68	1 1/2	5,873.82	1 1/2	6,238.96	1 1/2	6,600.88	1 1/2	6,956.96
3/4	3,733.96	3/4	4,092.89	3/4	4,451.64	3/4	4,809.01	3/4	5,160.50	3/4	5,522.60	3/4	5,880.74	3/4	6,246.40	3/4	6,608.36	3/4	6,964.48
7	3,741.43	7	4,100.36	7	4,459.09	7	4,816.43	7	5,167.42	7	5,529.52	7	5,887.66	7	6,253.84	7	6,615.72	7	6,971.92
1 1/4	3,748.91	1 1/4	4,107.84	1 1/4	4,466.55	1 1/4	4,823.86	1 1/4	5,174.36	1 1/4	5,536.46	1 1/4	5,894.60	1 1/4	6,261.28	1 1/4	6,623.16	1 1/4	6,979.28
1 1/2	3,756.39	1 1/2	4,115.32	1 1/2	4,474.01	1 1/2	4,831.26	1 1/2	5,181.30	1 1/2	5,543.40	1 1/2	5,901.54	1 1/2	6,268.72	1 1/2	6,630.64	1 1/2	6,986.72
3/4	3,763.87	3/4	4,122.80	3/4	4,481.46	3/4	4,838.68	3/4	5,188.22	3/4	5,550.32	3/4	5,908.46	3/4	6,276.16	3/4	6,638.08	3/4	6,994.16
8	3,771.35	8	4,130.27	8	4,488.92	8	4,846.10	8	5,195.10	8	5,557.20	8	5,915.34	8	6,283.60	8	6,645.52	8	7,001.64
1 1/4	3,778.82	1 1/4	4,137.75	1 1/4	4,496.37	1 1/4	4,853.51	1 1/4	5,202.02	1 1/4	5,564.12	1 1/4	5,922.26	1 1/4	6,290.72	1 1/4	6,652.96	1 1/4	7,009.12
1 1/2	3,786.30	1 1/2	4,145.23	1 1/2	4,503.83	1 1/2	4,860.93	1 1/2	5,208.94	1 1/2	5,570.04	1 1/2	5,929.18	1 1/2	6,297.68	1 1/2	6,660.40	1 1/2	7,016.64
3/4	3,793.78	3/4	4,152.71	3/4	4,511.29	3/4	4,868.35	3/4	5,215.86	3/4	5,576.96	3/4	5,936.10	3/4	6,305.12	3/4	6,667.84	3/4	7,024.08
9	3,801.26	9	4,160.19	9	4,518.74	9	4,875.76	9	5,222.78	9	5,583.06	9	5,942.20	9	6,312.56	9	6,675.28	9	7,031.52
1 1/4	3,808.73	1 1/4	4,167.66	1 1/4	4,526.20	1 1/4	4,883.18	1 1/4	5,229.72	1 1/4	5,590.00	1 1/4	5,949.14	1 1/4	6,319.60	1 1/4	6,682.72	1 1/4	7,038.96
1 1/2	3,816.21	1 1/2	4,175.14	1 1/2	4,533.65	1 1/2	4,890.60	1 1/2	5,236.66	1 1/2	5,596.94	1 1/2	5,956.08	1 1/2	6,326.56	1 1/2	6,689.68	1 1/2	7,046.40
3/4	3,823.69	3/4	4,182.62	3/4	4,541.11	3/4	4,898.02	3/4	5,243.60	3/4	5,603.88	3/4	5,963.02	3/4	6,333.52	3/4	6,696.64	3/4	7,053.84
10	3,831.17	10	4,190.10	10	4,548.57	10	4,905.43	10	5,250.58	10	5,610.86	10	5,969.90	10	6,340.48	10	6,703.60	10	7,061.28
1 1/4	3,838.64	1 1/4	4,197.57	1 1/4	4,556.02	1 1/4	4,912.86	1 1/4	5,257.54	1 1/4	5,617.82	1 1/4	5,976.86	1 1/4	6,347.44	1 1/4	6,710.56	1 1/4	7,068.72
1 1/2	3,846.12	1 1/2	4,205.05	1 1/2	4,563.48	1 1/2	4,920.28	1 1/2	5,264.50	1 1/2	5,624.76	1 1/2	5,983.80	1 1/2	6,354.40	1 1/2	6,717.60	1 1/2	7,076.16
3/4	3,853.60	3/4	4,212.53	3/4	4,570.93	3/4	4,927.70	3/4	5,271.42	3/4	5,631.68	3/4	5,990.72	3/4	6,361.36	3/4	6,724.64	3/4	7,083.60
11	3,861.08	11	4,220.01	11	4,578.39	11	4,935.12	11	5,278.34	11	5,638.60	11	5,997.64	11	6,368.32	11	6,731.68	11	7,091.04
1 1/4	3,868.56	1 1/4	4,227.48	1 1/4	4,585.85	1 1/4	4,942.54	1 1/4	5,285.26	1 1/4	5,645.52	1 1/4	6,004.56	1 1/4	6,375.28	1 1/4	6,738.72	1 1/4	7,098.48
1 1/2	3,876.03	1 1/2	4,234.96	1 1/2	4,593.30	1 1/2	4,949.96	1 1/2	5,292.18	1 1/2	5,652.40	1 1/2	6,011.44	1 1/2	6,382.24	1 1/2	6,745.76	1 1/2	7,105.92
3/4	3,883.51	3/4	4,242.44	3/4	4,600.76	3/4	4,957.38	3/4	5,299.10	3/4	5,659.32	3/4	6,018.38	3/4	6,389.20	3/4	6,752.80	3/4	7,113.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 08/14/2015 CL
CALCULATED: 08/15/2015 CL
PRINTED: 08/16/2015 JS
CANCELS AND SUPERCEDES
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Paul J. Hearn



BARGE "EBL 2971"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN 0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2.24	0	314.67	0	673.87	0	1,032.74	0	1,391.83	0	1,751.04	0	2,110.26	0	2,469.47	0	2,828.68	0	3,187.79
1/4	4.11	1/4	322.15	1/4	681.35	1/4	1,040.21	1/4	1,399.31	1/4	1,758.53	1/4	2,117.74	1/4	2,476.95	1/4	2,836.17	1/4	3,195.27
1/2	5.98	1/2	329.63	1/2	688.84	1/2	1,047.68	1/2	1,406.80	1/2	1,766.01	1/2	2,125.22	1/2	2,484.44	1/2	2,843.65	1/2	3,202.75
3/4	7.85	3/4	337.12	3/4	696.32	3/4	1,055.15	3/4	1,414.28	3/4	1,773.49	3/4	2,132.71	3/4	2,491.92	3/4	2,851.13	3/4	3,210.23
1	9.72	1	344.60	1	703.80	1	1,062.62	1	1,421.76	1	1,780.98	1	2,140.19	1	2,499.40	1	2,858.62	1	3,217.71
1 1/4	13.46	1 1/4	352.09	1 1/4	711.29	1 1/4	1,070.10	1 1/4	1,429.25	1 1/4	1,788.46	1 1/4	2,147.67	1 1/4	2,506.89	1 1/4	2,866.10	1 1/4	3,225.19
1 1/2	17.20	1 1/2	359.57	1 1/2	718.77	1 1/2	1,077.87	1 1/2	1,436.73	1 1/2	1,795.94	1 1/2	2,155.16	1 1/2	2,514.37	1 1/2	2,873.58	1 1/2	3,232.67
1 3/4	20.95	1 3/4	367.05	1 3/4	726.26	1 3/4	1,085.05	1 3/4	1,444.22	1 3/4	1,803.43	1 3/4	2,162.64	1 3/4	2,521.85	1 3/4	2,881.07	1 3/4	3,240.15
2	24.69	2	374.54	2	733.74	2	1,092.62	2	1,451.70	2	1,810.91	2	2,170.12	2	2,529.34	2	2,888.55	2	3,247.63
2 1/4	30.30	2 1/4	382.02	2 1/4	741.22	2 1/4	1,100.00	2 1/4	1,459.18	2 1/4	1,818.40	2 1/4	2,177.61	2 1/4	2,536.82	2 1/4	2,896.03	2 1/4	3,255.11
2 1/2	35.91	2 1/2	389.50	2 1/2	748.71	2 1/2	1,107.48	2 1/2	1,466.87	2 1/2	1,825.08	2 1/2	2,185.09	2 1/2	2,544.30	2 1/2	2,903.52	2 1/2	3,262.59
2 3/4	41.52	2 3/4	396.99	2 3/4	756.19	2 3/4	1,114.95	2 3/4	1,474.15	2 3/4	1,833.36	2 3/4	2,192.88	2 3/4	2,551.79	2 3/4	2,911.00	2 3/4	3,270.07
3	47.14	3	404.47	3	763.67	3	1,122.43	3	1,481.63	3	1,840.85	3	2,200.06	3	2,559.27	3	2,918.48	3	3,277.55
3 1/4	54.15	3 1/4	411.95	3 1/4	771.16	3 1/4	1,129.91	3 1/4	1,489.12	3 1/4	1,848.33	3 1/4	2,207.54	3 1/4	2,566.76	3 1/4	2,925.97	3 1/4	3,285.03
3 1/2	61.17	3 1/2	419.44	3 1/2	778.64	3 1/2	1,137.39	3 1/2	1,496.60	3 1/2	1,855.81	3 1/2	2,215.03	3 1/2	2,574.24	3 1/2	2,933.45	3 1/2	3,292.50
3 3/4	68.18	3 3/4	426.92	3 3/4	786.12	3 3/4	1,144.87	3 3/4	1,504.08	3 3/4	1,863.30	3 3/4	2,222.51	3 3/4	2,581.72	3 3/4	2,940.94	3 3/4	3,299.98
4	75.20	4	434.40	4	793.61	4	1,152.36	4	1,511.57	4	1,870.78	4	2,229.99	4	2,589.21	4	2,948.42	4	3,307.46
4 1/4	82.68	4 1/4	441.89	4 1/4	801.09	4 1/4	1,159.84	4 1/4	1,519.05	4 1/4	1,878.26	4 1/4	2,237.48	4 1/4	2,596.69	4 1/4	2,955.90	4 1/4	3,314.94
4 1/2	90.17	4 1/2	449.37	4 1/2	808.57	4 1/2	1,167.32	4 1/2	1,526.54	4 1/2	1,885.75	4 1/2	2,244.96	4 1/2	2,604.17	4 1/2	2,963.39	4 1/2	3,322.42
4 3/4	97.65	4 3/4	456.85	4 3/4	816.06	4 3/4	1,174.81	4 3/4	1,534.02	4 3/4	1,893.23	4 3/4	2,252.44	4 3/4	2,611.66	4 3/4	2,970.87	4 3/4	3,329.90
5	105.13	5	464.34	5	823.54	5	1,182.29	5	1,541.50	5	1,900.72	5	2,259.93	5	2,619.14	5	2,978.35	5	3,337.38
5 1/4	112.62	5 1/4	471.82	5 1/4	831.02	5 1/4	1,189.77	5 1/4	1,548.99	5 1/4	1,908.20	5 1/4	2,267.41	5 1/4	2,626.62	5 1/4	2,985.84	5 1/4	3,344.86
5 1/2	120.10	5 1/2	479.30	5 1/2	838.49	5 1/2	1,197.26	5 1/2	1,556.47	5 1/2	1,915.68	5 1/2	2,274.90	5 1/2	2,634.11	5 1/2	2,993.32	5 1/2	3,352.34
5 3/4	127.58	5 3/4	486.79	5 3/4	845.97	5 3/4	1,204.74	5 3/4	1,563.95	5 3/4	1,923.17	5 3/4	2,283.38	5 3/4	2,641.59	5 3/4	3,000.80	5 3/4	3,359.82
6	135.07	6	494.27	6	853.44	6	1,212.22	6	1,571.44	6	1,930.65	6	2,289.86	6	2,649.08	6	3,008.28	6	3,367.30
6 1/4	142.55	6 1/4	501.75	6 1/4	860.92	6 1/4	1,219.71	6 1/4	1,578.92	6 1/4	1,938.13	6 1/4	2,297.35	6 1/4	2,656.56	6 1/4	3,015.76	6 1/4	3,374.78
6 1/2	150.03	6 1/2	509.24	6 1/2	868.39	6 1/2	1,227.19	6 1/2	1,586.40	6 1/2	1,946.62	6 1/2	2,304.83	6 1/2	2,664.04	6 1/2	3,023.24	6 1/2	3,382.26
6 3/4	157.52	6 3/4	516.72	6 3/4	875.86	6 3/4	1,234.67	6 3/4	1,593.98	6 3/4	1,953.10	6 3/4	2,312.31	6 3/4	2,671.53	6 3/4	3,030.72	6 3/4	3,389.74
7	165.00	7	524.20	7	883.33	7	1,242.16	7	1,601.37	7	1,960.58	7	2,319.80	7	2,679.01	7	3,038.20	7	3,397.22
7 1/4	172.48	7 1/4	531.69	7 1/4	890.80	7 1/4	1,249.64	7 1/4	1,608.85	7 1/4	1,968.07	7 1/4	2,327.28	7 1/4	2,686.49	7 1/4	3,045.68	7 1/4	3,404.70
7 1/2	179.97	7 1/2	539.17	7 1/2	898.27	7 1/2	1,257.13	7 1/2	1,616.34	7 1/2	1,975.55	7 1/2	2,334.76	7 1/2	2,693.98	7 1/2	3,053.16	7 1/2	3,412.18
7 3/4	187.45	7 3/4	546.65	7 3/4	905.74	7 3/4	1,264.61	7 3/4	1,623.82	7 3/4	1,983.03	7 3/4	2,342.25	7 3/4	2,701.46	7 3/4	3,060.84	7 3/4	3,419.66
8	194.93	8	554.14	8	913.21	8	1,272.09	8	1,631.31	8	1,990.52	8	2,349.73	8	2,708.94	8	3,068.12	8	3,427.14
8 1/4	202.42	8 1/4	561.62	8 1/4	920.68	8 1/4	1,279.58	8 1/4	1,638.79	8 1/4	1,998.00	8 1/4	2,357.21	8 1/4	2,716.43	8 1/4	3,075.60	8 1/4	3,434.62
8 1/2	209.90	8 1/2	569.10	8 1/2	928.15	8 1/2	1,287.06	8 1/2	1,646.27	8 1/2	2,005.49	8 1/2	2,364.70	8 1/2	2,723.91	8 1/2	3,083.08	8 1/2	3,442.10
8 3/4	217.38	8 3/4	576.59	8 3/4	935.62	8 3/4	1,294.54	8 3/4	1,653.76	8 3/4	2,012.97	8 3/4	2,372.18	8 3/4	2,731.39	8 3/4	3,090.56	8 3/4	3,449.58
9	224.87	9	584.07	9	943.09	9	1,302.03	9	1,661.24	9	2,020.45	9	2,379.57	9	2,738.88	9	3,098.04	9	3,457.06
9 1/4	232.35	9 1/4	591.55	9 1/4	950.56	9 1/4	1,309.51	9 1/4	1,668.72	9 1/4	2,027.94	9 1/4	2,387.15	9 1/4	2,746.36	9 1/4	3,105.51	9 1/4	3,464.54
9 1/2	239.83	9 1/2	599.04	9 1/2	958.03	9 1/2	1,316.99	9 1/2	1,676.21	9 1/2	2,035.42	9 1/2	2,394.63	9 1/2	2,753.85	9 1/2	3,112.99	9 1/2	3,472.02
9 3/4	247.32	9 3/4	606.52	9 3/4	965.50	9 3/4	1,324.48	9 3/4	1,683.69	9 3/4	2,042.90	9 3/4	2,402.12	9 3/4	2,761.33	9 3/4	3,120.47	9 3/4	3,479.49
10	254.80	10	614.00	10	972.97	10	1,331.96	10	1,691.17	10	2,050.39	10	2,409.60	10	2,768.81	10	3,127.95	10	3,486.97
10 1/4	262.28	10 1/4	621.49	10 1/4	980.45	10 1/4	1,339.45	10 1/4	1,698.66	10 1/4	2,057.87	10 1/4	2,417.08	10 1/4	2,776.30	10 1/4	3,135.43	10 1/4	3,494.45
10 1/2	269.77	10 1/2	628.97	10 1/2	987.92	10 1/2	1,346.93	10 1/2	1,706.14	10 1/2	2,065.35	10 1/2	2,424.57	10 1/2	2,783.76	10 1/2	3,142.91	10 1/2	3,501.93
10 3/4	277.25	10 3/4	636.45	10 3/4	995.39	10 3/4	1,354.41	10 3/4	1,713.63	10 3/4	2,072.84	10 3/4	2,432.05	10 3/4	2,791.26	10 3/4	3,150.39	10 3/4	3,509.41
11	284.73	11	643.94	11	1,002.86	11	1,361.90	11	1,721.11	11	2,080.32	11	2,439.53	11	2,798.75	11	3,157.87	11	3,516.89
11 1/4	292.22	11 1/4	651.42	11 1/4	1,010.33	11 1/4	1,369.38	11 1/4	1,728.98	11 1/4	2,087.29	11 1/4	2,447.02	11 1/4	2,806.23	11 1/4	3,165.35	11 1/4	3,524.37
11 1/2	299.70	11 1/2	658.90	11 1/2	1,017.80	11 1/2	1,376.86	11 1/2	1,736.08	11 1/2	2,095.29	11 1/2	2,454.50	11 1/2	2,813.71	11 1/2	3,172.83	11 1/2	3,531.85
11 3/4	307.18	11 3/4	666.39	11 3/4	1,025.27	11 3/4	1,384.35	11 3/4	1,743.56	11 3/4	2,102.77	11 3/4	2,461.99	11 3/4	2,821.20	11 3/4	3,180.31	11 3/4	3,539.33

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN ON EXPANSION DOME.

GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (10" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2082

Pearland, Texas 77588

http://www.pma-inc.net

HSM 3142 FORMERLY BARGE "EBL 2971"



2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN 10 FT.		IN 11 FT.		IN 12 FT.		IN 13 FT.		IN 14 FT.		IN 15 FT.		IN 16 FT.		IN 17 FT.		IN 18 FT.		IN 19 FT.	
0	3,548.81	0	3,905.83	0	4,264.85	0	4,623.22	0	4,979.88	0	5,338.88	0	5,697.30	0	6,055.27	0	6,412.80	0	6,769.88
1/4	3,554.29	1/4	3,913.31	1/4	4,272.33	1/4	4,630.88	1/4	4,987.30	1/4	5,346.30	1/4	5,702.80	1/4	6,058.80	1/4	6,415.80	1/4	6,772.80
1/2	3,561.77	1/2	3,920.79	1/2	4,279.81	1/2	4,638.13	1/2	4,994.73	1/2	5,353.80	1/2	5,709.80	1/2	6,063.80	1/2	6,420.80	1/2	6,778.80
3/4	3,569.25	3/4	3,928.27	3/4	4,287.29	3/4	4,645.59	3/4	5,002.15	3/4	5,358.80	3/4	5,714.80	3/4	6,068.80	3/4	6,425.80	3/4	6,783.80
8	3,576.73	1	3,935.75	1	4,294.77	1	4,653.05	1	5,009.57	1	5,363.80	1	5,719.80	1	6,073.80	1	6,430.80	1	6,788.80
1 1/4	3,584.21	1 1/4	3,943.23	1 1/4	4,302.25	1 1/4	4,660.51	1 1/4	5,016.93	1 1/4	5,368.80	1 1/4	5,724.80	1 1/4	6,078.80	1 1/4	6,435.80	1 1/4	6,793.80
1 1/2	3,591.69	1 1/2	3,950.71	1 1/2	4,309.73	1 1/2	4,667.97	1 1/2	5,024.28	1 1/2	5,373.80	1 1/2	5,729.80	1 1/2	6,083.80	1 1/2	6,440.80	1 1/2	6,798.80
3 1/4	3,599.17	3 1/4	3,958.19	3 1/4	4,317.21	3 1/4	4,675.42	3 1/4	5,031.84	3 1/4	5,378.80	3 1/4	5,734.80	3 1/4	6,088.80	3 1/4	6,445.80	3 1/4	6,803.80
2	3,606.65	2	3,965.67	2	4,324.69	2	4,682.88	2	5,038.99	2	5,383.80	2	5,739.80	2	6,093.80	2	6,450.80	2	6,808.80
1 1/4	3,614.13	1 1/4	3,973.15	1 1/4	4,332.17	1 1/4	4,690.34	1 1/4	5,045.81	1 1/4	5,390.80	1 1/4	5,744.80	1 1/4	6,098.80	1 1/4	6,455.80	1 1/4	6,813.80
1 1/2	3,621.61	1 1/2	3,980.63	1 1/2	4,339.65	1 1/2	4,697.80	1 1/2	5,052.83	1 1/2	5,395.80	1 1/2	5,749.80	1 1/2	6,103.80	1 1/2	6,460.80	1 1/2	6,818.80
3 1/4	3,629.09	3 1/4	3,988.11	3 1/4	4,347.13	3 1/4	4,705.25	3 1/4	5,059.45	3 1/4	5,400.80	3 1/4	5,754.80	3 1/4	6,108.80	3 1/4	6,465.80	3 1/4	6,823.80
3	3,636.57	3	3,995.59	3	4,354.61	3	4,712.71	3	5,066.28	3	5,405.80	3	5,759.80	3	6,113.80	3	6,470.80	3	6,828.80
1 1/4	3,644.05	1 1/4	4,003.07	1 1/4	4,362.09	1 1/4	4,720.15	1 1/4	5,072.09	1 1/4	5,410.80	1 1/4	5,764.80	1 1/4	6,118.80	1 1/4	6,475.80	1 1/4	6,833.80
1 1/2	3,651.53	1 1/2	4,010.55	1 1/2	4,369.57	1 1/2	4,727.59	1 1/2	5,077.91	1 1/2	5,415.80	1 1/2	5,769.80	1 1/2	6,123.80	1 1/2	6,480.80	1 1/2	6,838.80
3 1/4	3,659.01	3 1/4	4,018.03	3 1/4	4,377.05	3 1/4	4,735.02	3 1/4	5,083.73	3 1/4	5,420.80	3 1/4	5,774.80	3 1/4	6,128.80	3 1/4	6,485.80	3 1/4	6,843.80
4	3,666.48	4	4,025.51	4	4,384.53	4	4,742.46	4	5,089.55	4	5,425.80	4	5,779.80	4	6,133.80	4	6,490.80	4	6,848.80
1 1/4	3,673.96	1 1/4	4,032.99	1 1/4	4,391.99	1 1/4	4,749.88	1 1/4	5,094.30	1 1/4	5,430.80	1 1/4	5,784.80	1 1/4	6,138.80	1 1/4	6,495.80	1 1/4	6,853.80
1 1/2	3,681.44	1 1/2	4,040.46	1 1/2	4,399.46	1 1/2	4,757.30	1 1/2	5,099.05	1 1/2	5,435.80	1 1/2	5,789.80	1 1/2	6,143.80	1 1/2	6,500.80	1 1/2	6,858.80
3 1/4	3,688.92	3 1/4	4,047.94	3 1/4	4,406.93	3 1/4	4,764.72	3 1/4	5,103.80	3 1/4	5,440.80	3 1/4	5,794.80	3 1/4	6,148.80	3 1/4	6,505.80	3 1/4	6,863.80
5	3,696.40	5	4,055.42	5	4,414.40	5	4,772.13	5	5,108.55	5	5,445.80	5	5,799.80	5	6,153.80	5	6,510.80	5	6,868.80
1 1/4	3,703.88	1 1/4	4,062.90	1 1/4	4,421.85	1 1/4	4,779.55	1 1/4	5,112.23	1 1/4	5,450.80	1 1/4	5,804.80	1 1/4	6,158.80	1 1/4	6,515.80	1 1/4	6,873.80
1 1/2	3,711.36	1 1/2	4,070.38	1 1/2	4,429.31	1 1/2	4,786.97	1 1/2	5,115.91	1 1/2	5,455.80	1 1/2	5,809.80	1 1/2	6,163.80	1 1/2	6,520.80	1 1/2	6,878.80
3 1/4	3,718.84	3 1/4	4,077.86	3 1/4	4,436.77	3 1/4	4,794.39	3 1/4	5,119.59	3 1/4	5,460.80	3 1/4	5,814.80	3 1/4	6,168.80	3 1/4	6,525.80	3 1/4	6,883.80
6	3,726.32	6	4,085.34	6	4,444.23	6	4,801.81	6	5,123.27	6	5,465.80	6	5,819.80	6	6,173.80	6	6,530.80	6	6,888.80
1 1/4	3,733.80	1 1/4	4,092.82	1 1/4	4,451.69	1 1/4	4,809.23	1 1/4	5,125.88	1 1/4	5,470.80	1 1/4	5,824.80	1 1/4	6,178.80	1 1/4	6,535.80	1 1/4	6,893.80
1 1/2	3,741.28	1 1/2	4,100.30	1 1/2	4,459.14	1 1/2	4,816.64	1 1/2	5,128.49	1 1/2	5,475.80	1 1/2	5,829.80	1 1/2	6,183.80	1 1/2	6,540.80	1 1/2	6,898.80
3 1/4	3,748.76	3 1/4	4,107.78	3 1/4	4,466.60	3 1/4	4,824.06	3 1/4	5,131.10	3 1/4	5,480.80	3 1/4	5,834.80	3 1/4	6,188.80	3 1/4	6,545.80	3 1/4	6,903.80
7	3,756.24	7	4,115.26	7	4,474.06	7	4,831.48	7	5,133.71	7	5,485.80	7	5,839.80	7	6,193.80	7	6,550.80	7	6,908.80
1 1/4	3,763.72	1 1/4	4,122.74	1 1/4	4,481.52	1 1/4	4,838.90	1 1/4	5,136.26	1 1/4	5,490.80	1 1/4	5,844.80	1 1/4	6,198.80	1 1/4	6,555.80	1 1/4	6,913.80
1 1/2	3,771.20	1 1/2	4,130.22	1 1/2	4,488.98	1 1/2	4,846.32	1 1/2	5,138.80	1 1/2	5,495.80	1 1/2	5,849.80	1 1/2	6,203.80	1 1/2	6,560.80	1 1/2	6,918.80
3 1/4	3,778.68	3 1/4	4,137.70	3 1/4	4,496.43	3 1/4	4,853.73	3 1/4	5,139.34	3 1/4	5,500.80	3 1/4	5,854.80	3 1/4	6,208.80	3 1/4	6,565.80	3 1/4	6,923.80
8	3,786.16	8	4,145.18	8	4,503.89	8	4,861.15	8	5,141.88	8	5,505.80	8	5,859.80	8	6,213.80	8	6,570.80	8	6,928.80
1 1/4	3,793.64	1 1/4	4,152.66	1 1/4	4,511.35	1 1/4	4,868.57	1 1/4	5,144.88	1 1/4	5,510.80	1 1/4	5,864.80	1 1/4	6,218.80	1 1/4	6,575.80	1 1/4	6,933.80
1 1/2	3,801.12	1 1/2	4,160.14	1 1/2	4,518.81	1 1/2	4,875.99	1 1/2	5,147.88	1 1/2	5,515.80	1 1/2	5,869.80	1 1/2	6,223.80	1 1/2	6,580.80	1 1/2	6,938.80
3 1/4	3,808.60	3 1/4	4,167.62	3 1/4	4,526.27	3 1/4	4,883.41	3 1/4	5,150.80	3 1/4	5,520.80	3 1/4	5,874.80	3 1/4	6,228.80	3 1/4	6,585.80	3 1/4	6,943.80
9	3,816.08	9	4,175.10	9	4,533.72	9	4,890.82	9	5,153.80	9	5,525.80	9	5,879.80	9	6,233.80	9	6,590.80	9	6,948.80
1 1/4	3,823.56	1 1/4	4,182.58	1 1/4	4,541.18	1 1/4	4,898.24	1 1/4	5,156.80	1 1/4	5,530.80	1 1/4	5,884.80	1 1/4	6,238.80	1 1/4	6,595.80	1 1/4	6,953.80
1 1/2	3,831.04	1 1/2	4,190.06	1 1/2	4,548.64	1 1/2	4,905.66	1 1/2	5,159.80	1 1/2	5,535.80	1 1/2	5,889.80	1 1/2	6,243.80	1 1/2	6,600.80	1 1/2	6,958.80
3 1/4	3,838.52	3 1/4	4,197.54	3 1/4	4,556.10	3 1/4	4,913.08	3 1/4	5,162.80	3 1/4	5,540.80	3 1/4	5,894.80	3 1/4	6,248.80	3 1/4	6,605.80	3 1/4	6,963.80
10	3,846.00	10	4,205.02	10	4,563.55	10	4,920.50	10	5,165.80	10	5,545.80	10	5,899.80	10	6,253.80	10	6,610.80	10	6,968.80
1 1/4	3,853.47	1 1/4	4,212.50	1 1/4	4,571.01	1 1/4	4,927.93	1 1/4	5,168.80	1 1/4	5,550.80	1 1/4	5,904.80	1 1/4	6,258.80	1 1/4	6,615.80	1 1/4	6,973.80
1 1/2	3,860.95	1 1/2	4,219.98	1 1/2	4,578.47	1 1/2	4,935.35	1 1/2	5,171.80	1 1/2	5,555.80	1 1/2	5,909.80	1 1/2	6,263.80	1 1/2	6,620.80	1 1/2	6,978.80
3 1/4	3,868.43	3 1/4	4,227.45	3 1/4	4,585.93	3 1/4	4,942.77	3 1/4	5,174.80	3 1/4	5,560.80	3 1/4	5,914.80	3 1/4	6,268.80	3 1/4	6,625.80	3 1/4	6,983.80
11	3,875.91	11	4,234.93	11	4,593.39	11	4,950.19	11	5,177.80	11	5,565.80	11	5,919.80	11	6,273.80	11	6,630.80	11	6,988.80
1 1/4	3,883.39	1 1/4	4,242.41	1 1/4	4,600.84	1 1/4	4,957.62	1 1/4	5,180.80	1 1/4	5,570.80	1 1/4	5,924.80	1 1/4	6,278.80	1 1/4	6,635.80	1 1/4	6,993.80
1 1/2	3,890.87	1 1/2	4,249.89	1 1/2	4,608.30	1 1/2	4,965.04	1 1/2	5,183.80	1 1/2	5,575.80	1 1/2	5,929.80	1 1/2	6,283.80	1 1/2	6,640.80	1 1/2	6,998.80
3 1/4	3,898.35	3 1/4	4,257.37	3 1/4	4,615.76	3 1/4	4,972.46	3 1/4	5,186.80	3 1/4	5,580.80	3 1/4	5,934.80	3 1/4	6,288.80	3 1/4	6,645.80	3 1/4	7,003.80

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BARGE "EBL 2971"

3 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2.23	0	312.63	0	669.28	0	1,019.88	0	1,371.53	0	1,728.01	0	2,082.86	0	2,436.96	0	2,793.02	0	3,149.08
1	4.09	1/4	320.06	1/4	676.71	1/4	1,027.08	1/4	1,378.96	1/4	1,735.44	1/4	2,090.22	1/4	2,444.35	1/4	2,800.44	1/4	3,156.50
2	5.95	1/2	327.49	1/2	684.14	1/2	1,034.28	1/2	1,386.39	1/2	1,742.87	1/2	2,097.59	1/2	2,451.74	1/2	2,807.86	1/2	3,163.91
3	7.81	3/4	334.92	3/4	691.57	3/4	1,041.47	3/4	1,393.81	3/4	1,750.29	3/4	2,104.95	3/4	2,459.12	3/4	2,815.28	3/4	3,171.33
4	9.67	1	342.35	1	699.00	1	1,048.87	1	1,401.24	1	1,757.72	1	2,112.31	1	2,468.51	1	2,822.70	1	3,178.75
5	13.39	1 1/4	349.77	1 1/4	706.43	1 1/4	1,055.87	1 1/4	1,408.67	1 1/4	1,766.15	1 1/4	2,119.66	1 1/4	2,473.92	1 1/4	2,830.12	1 1/4	3,186.16
6	17.11	1 1/2	357.20	1 1/2	713.87	1 1/2	1,063.07	1 1/2	1,416.09	1 1/2	1,772.57	1 1/2	2,127.04	1 1/2	2,481.33	1 1/2	2,837.54	1 1/2	3,193.58
7	20.83	1 3/4	364.63	1 3/4	721.30	1 3/4	1,070.28	1 3/4	1,423.52	1 3/4	1,780.00	1 3/4	2,134.41	1 3/4	2,488.74	1 3/4	2,844.96	1 3/4	3,201.00
8	24.55	2	372.06	2	728.73	2	1,077.48	2	1,430.95	2	1,787.43	2	2,141.77	2	2,496.14	2	2,852.38	2	3,208.41
9	30.14	2 1/4	379.49	2 1/4	736.16	2 1/4	1,084.68	2 1/4	1,438.37	2 1/4	1,794.85	2 1/4	2,149.13	2 1/4	2,503.57	2 1/4	2,859.79	2 1/4	3,215.83
10	35.72	2 1/2	386.92	2 1/2	743.59	2 1/2	1,091.89	2 1/2	1,445.80	2 1/2	1,802.28	2 1/2	2,156.50	2 1/2	2,511.00	2 1/2	2,867.21	2 1/2	3,223.25
11	41.30	2 3/4	394.35	2 3/4	751.02	2 3/4	1,099.09	2 3/4	1,453.23	2 3/4	1,809.71	2 3/4	2,163.86	2 3/4	2,518.42	2 3/4	2,874.53	2 3/4	3,230.86
12	46.88	3	401.78	3	758.45	3	1,106.30	3	1,460.65	3	1,817.13	3	2,171.22	3	2,525.65	3	2,882.05	3	3,238.08
13	53.86	3 1/4	409.21	3 1/4	765.88	3 1/4	1,113.51	3 1/4	1,468.08	3 1/4	1,824.56	3 1/4	2,178.59	3 1/4	2,533.28	3 1/4	2,889.47	3 1/4	3,245.49
14	60.84	3 1/2	416.64	3 1/2	773.31	3 1/2	1,120.72	3 1/2	1,475.51	3 1/2	1,831.99	3 1/2	2,185.95	3 1/2	2,540.70	3 1/2	2,896.89	3 1/2	3,252.89
15	67.81	3 3/4	424.07	3 3/4	780.74	3 3/4	1,127.93	3 3/4	1,482.93	3 3/4	1,839.41	3 3/4	2,193.32	3 3/4	2,548.13	3 3/4	2,904.31	3 3/4	3,260.30
16	74.79	4	431.50	4	788.17	4	1,135.14	4	1,490.36	4	1,846.84	4	2,200.68	4	2,555.56	4	2,911.73	4	3,267.70
17	82.23	4 1/4	438.93	4 1/4	795.60	4 1/4	1,142.35	4 1/4	1,497.79	4 1/4	1,854.27	4 1/4	2,208.04	4 1/4	2,562.98	4 1/4	2,919.15	4 1/4	3,275.10
18	89.67	4 1/2	446.36	4 1/2	803.04	4 1/2	1,149.57	4 1/2	1,505.21	4 1/2	1,861.69	4 1/2	2,215.41	4 1/2	2,570.41	4 1/2	2,926.57	4 1/2	3,282.50
19	97.11	4 3/4	453.79	4 3/4	810.47	4 3/4	1,156.79	4 3/4	1,512.64	4 3/4	1,869.12	4 3/4	2,222.77	4 3/4	2,577.84	4 3/4	2,933.99	4 3/4	3,289.89
20	104.55	5	461.22	5	817.90	5	1,164.00	5	1,520.07	5	1,876.55	5	2,230.14	5	2,585.26	5	2,941.41	5	3,297.29
21	111.99	5 1/4	468.65	5 1/4	825.21	5 1/4	1,171.33	5 1/4	1,527.49	5 1/4	1,883.94	5 1/4	2,237.51	5 1/4	2,592.69	5 1/4	2,948.83	5 1/4	3,304.68
22	119.42	5 1/2	476.08	5 1/2	832.53	5 1/2	1,178.55	5 1/2	1,534.92	5 1/2	1,891.34	5 1/2	2,244.89	5 1/2	2,600.11	5 1/2	2,956.24	5 1/2	3,312.08
23	126.86	5 3/4	483.51	5 3/4	839.84	5 3/4	1,185.87	5 3/4	1,542.35	5 3/4	1,906.73	5 3/4	2,252.27	5 3/4	2,607.53	5 3/4	2,963.66	5 3/4	3,319.48
24	134.29	6	490.94	6	847.15	6	1,192.29	6	1,549.77	6	1,918.12	6	2,259.84	6	2,614.95	6	2,971.08	6	3,326.87
25	141.72	6 1/4	498.37	6 1/4	854.35	6 1/4	1,200.72	6 1/4	1,557.20	6 1/4	1,931.49	6 1/4	2,267.03	6 1/4	2,622.37	6 1/4	2,978.49	6 1/4	3,334.27
26	149.16	6 1/2	505.80	6 1/2	861.55	6 1/2	1,208.14	6 1/2	1,564.63	6 1/2	1,942.95	6 1/2	2,274.42	6 1/2	2,629.79	6 1/2	2,985.91	6 1/2	3,341.66
27	156.59	6 3/4	513.23	6 3/4	868.74	6 3/4	1,215.57	6 3/4	1,572.05	6 3/4	1,928.22	6 3/4	2,281.81	6 3/4	2,637.21	6 3/4	2,993.33	6 3/4	3,349.06
28	164.02	7	520.66	7	875.94	7	1,223.00	7	1,579.48	7	1,935.58	7	2,289.20	7	2,644.63	7	3,000.74	7	3,356.46
29	171.45	7 1/4	528.09	7 1/4	883.14	7 1/4	1,230.42	7 1/4	1,586.91	7 1/4	1,942.95	7 1/4	2,303.97	7 1/4	2,652.05	7 1/4	3,008.16	7 1/4	3,363.85
30	178.88	7 1/2	535.52	7 1/2	890.34	7 1/2	1,237.85	7 1/2	1,594.31	7 1/2	1,950.31	7 1/2	2,311.36	7 1/2	2,659.49	7 1/2	3,015.58	7 1/2	3,371.25
31	186.31	7 3/4	542.95	7 3/4	897.53	7 3/4	1,245.28	7 3/4	1,601.76	7 3/4	1,957.57	7 3/4	2,318.75	7 3/4	2,666.89	7 3/4	3,022.99	7 3/4	3,378.64
32	193.75	8	550.39	8	904.73	8	1,252.70	8	1,609.19	8	1,965.04	8	2,326.14	8	2,674.31	8	3,030.41	8	3,386.04
33	201.18	8 1/4	557.82	8 1/4	911.93	8 1/4	1,260.13	8 1/4	1,616.61	8 1/4	1,972.40	8 1/4	2,333.52	8 1/4	2,681.73	8 1/4	3,037.83	8 1/4	3,393.44
34	208.61	8 1/2	565.25	8 1/2	919.12	8 1/2	1,267.56	8 1/2	1,624.04	8 1/2	1,979.77	8 1/2	2,340.91	8 1/2	2,689.15	8 1/2	3,045.24	8 1/2	3,400.83
35	216.04	8 3/4	572.68	8 3/4	926.32	8 3/4	1,274.98	8 3/4	1,631.47	8 3/4	1,987.13	8 3/4	2,348.30	8 3/4	2,696.57	8 3/4	3,052.66	8 3/4	3,408.23
36	223.47	9	580.11	9	933.52	9	1,282.41	9	1,638.89	9	1,994.49	9	2,355.69	9	2,703.99	9	3,060.08	9	3,415.62
37	230.90	9 1/4	587.54	9 1/4	940.71	9 1/4	1,289.84	9 1/4	1,646.32	9 1/4	2,001.86	9 1/4	2,363.08	9 1/4	2,711.41	9 1/4	3,067.49	9 1/4	3,423.02
38	238.33	9 1/2	594.97	9 1/2	947.91	9 1/2	1,297.26	9 1/2	1,653.75	9 1/2	2,009.22	9 1/2	2,370.47	9 1/2	2,718.83	9 1/2	3,074.91	9 1/2	3,430.42
39	245.76	9 3/4	602.40	9 3/4	955.11	9 3/4	1,304.69	9 3/4	1,661.17	9 3/4	2,016.59	9 3/4	2,377.85	9 3/4	2,726.25	9 3/4	3,082.33	9 3/4	3,437.81
40	253.19	10	609.83	10	962.31	10	1,312.12	10	1,668.60	10	2,023.95	10	2,385.24	10	2,733.66	10	3,089.74	10	3,445.21
41	260.62	10 1/4	617.26	10 1/4	969.50	10 1/4	1,319.54	10 1/4	1,676.03	10 1/4	2,031.31	10 1/4	2,392.63	10 1/4	2,741.08	10 1/4	3,097.16	10 1/4	3,452.60
42	268.05	10 1/2	624.69	10 1/2	976.70	10 1/2	1,326.97	10 1/2	1,683.45	10 1/2	2,038.68	10 1/2	2,400.02	10 1/2	2,748.50	10 1/2	3,104.58	10 1/2	3,460.00
43	275.48	10 3/4	632.13	10 3/4	983.90	10 3/4	1,334.40	10 3/4	1,690.88	10 3/4	2,046.04	10 3/4	2,407.41	10 3/4	2,755.92	10 3/4	3,112.00	10 3/4	3,467.40
44	282.91	11	639.56	11	991.09	11	1,341.82	11	1,698.31	11	2,053.40	11	2,414.80	11	2,763.34	11	3,119.41	11	3,474.79
45	290.34	11 1/4	646.99	11 1/4	998.29	11 1/4	1,349.25	11 1/4	1,705.73	11 1/4	2,060.77	11 1/4	2,422.18	11 1/4	2,770.76	11 1/4	3,126.83	11 1/4	3,482.19
46	297.77	11 1/2	654.42	11 1/2	1,005.49	11 1/2	1,356.66	11 1/2	1,713.16	11 1/2	2,068.13	11 1/2	2,429.57	11 1/2	2,778.18	11 1/2	3,134.25	11 1/2	3,489.59
47	305.20	11 3/4	661.85	11 3/4	1,012.69	11 3/4	1,364.11	11 3/4	1,720.59	11 3/4	2,075.50	11 3/4	2,436.96	11 3/4	2,785.60	11 3/4	3,141.66	11 3/4	3,497.00

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.

GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (10" HATCH) LOCATED 03'-00" OFF CENTERLINE AND 02'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pma-inc.com>

HSM 3142 FORMERLY

BARGE "EBL 2971"



3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,504.40	0	3,769.43	0	4,016.28	0	4,262.70	0	4,507.96	0		0		0		0		0	
1/4	3,511.81	1/4	3,774.57	1/4	4,021.42	1/4	4,267.83	1/4	4,513.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,519.21	1/2	3,779.71	1/2	4,026.56	1/2	4,272.96	1/2	4,518.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,526.62	3/4	3,784.85	3/4	4,031.70	3/4	4,278.09	3/4	4,523.27	3/4		3/4		3/4		3/4		3/4	
1	3,534.03	1	3,790.00	1	4,036.85	1	4,283.21	1	4,528.37	1		1		1		1		1	
1 1/4	3,540.88	1 1/4	3,795.14	1 1/4	4,041.99	1 1/4	4,288.34	1 1/4	4,533.41	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,547.73	1 1/2	3,800.28	1 1/2	4,047.13	1 1/2	4,293.47	1 1/2	4,538.45	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	3,554.57	1 3/4	3,805.43	1 3/4	4,052.27	1 3/4	4,298.60	1 3/4	4,543.48	1 3/4		1 3/4		1 3/4		1 3/4		1 3/4	
2	3,561.42	2	3,810.57	2	4,057.42	2	4,303.73	2	4,548.52	2		2		2		2		2	
1/4	3,567.14	1/4	3,815.71	1/4	4,062.56	1/4	4,308.86	1/4	4,553.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,572.86	1/2	3,820.85	1/2	4,067.70	1/2	4,313.98	1/2	4,557.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,578.57	3/4	3,826.00	3/4	4,072.85	3/4	4,319.11	3/4	4,562.04	3/4		3/4		3/4		3/4		3/4	
1	3,584.29	1	3,831.14	1	4,077.99	1	4,324.24	1	4,566.54	1		1		1		1		1	
1 1/4	3,589.43	1 1/4	3,836.28	1 1/4	4,083.13	1 1/4	4,329.35	1 1/4	4,570.05	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,594.57	1 1/2	3,841.42	1 1/2	4,088.27	1 1/2	4,334.47	1 1/2	4,573.56	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	3,599.72	1 3/4	3,846.57	1 3/4	4,093.42	1 3/4	4,339.59	1 3/4	4,577.07	1 3/4		1 3/4		1 3/4		1 3/4		1 3/4	
2	3,604.86	2	3,851.71	2	4,098.56	2	4,344.70	2	4,580.58	2		2		2		2		2	
1/4	3,610.00	1/4	3,856.85	1/4	4,103.70	1/4	4,349.80	1/4	4,583.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,615.15	1/2	3,861.99	1/2	4,108.83	1/2	4,354.90	1/2	4,585.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,620.29	3/4	3,867.14	3/4	4,113.97	3/4	4,360.00	3/4	4,587.91	3/4		3/4		3/4		3/4		3/4	
1	3,625.43	1	3,872.28	1	4,119.11	1	4,365.10	1	4,590.36	1		1		1		1		1	
1 1/4	3,630.57	1 1/4	3,877.42	1 1/4	4,124.24	1 1/4	4,370.20	1 1/4	4,591.74	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,635.72	1 1/2	3,882.57	1 1/2	4,129.36	1 1/2	4,375.31	1 1/2	4,593.12	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	3,640.86	1 3/4	3,887.71	1 3/4	4,134.49	1 3/4	4,380.41	1 3/4	4,594.51	1 3/4		1 3/4		1 3/4		1 3/4		1 3/4	
2	3,646.00	2	3,892.85	2	4,139.62	2	4,385.51	2	4,595.89	2		2		2		2		2	
1/4	3,651.14	1/4	3,897.99	1/4	4,144.75	1/4	4,390.61	1/4	4,596.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.29	1/2	3,903.14	1/2	4,149.88	1/2	4,395.71	1/2	4,597.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,661.43	3/4	3,908.28	3/4	4,155.01	3/4	4,400.81	3/4	4,598.02	3/4		3/4		3/4		3/4		3/4	
1	3,666.57	1	3,913.42	1	4,160.13	1	4,405.91	1	4,598.72	1		1		1		1		1	
1 1/4	3,671.71	1 1/4	3,918.56	1 1/4	4,165.26	1 1/4	4,411.01	1 1/4	4,599.43	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,676.86	1 1/2	3,923.71	1 1/2	4,170.39	1 1/2	4,416.11	1 1/2	4,600.14	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	3,682.00	1 3/4	3,928.85	1 3/4	4,175.52	1 3/4	4,421.21	1 3/4	4,600.47	1 3/4		1 3/4		1 3/4		1 3/4		1 3/4	
2	3,687.14	2	3,933.99	2	4,180.65	2	4,426.32	2	4,600.80	2		2		2		2		2	
1/4	3,692.29	1/4	3,939.14	1/4	4,185.78	1/4	4,431.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,697.43	1/2	3,944.28	1/2	4,190.90	1/2	4,436.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,702.57	3/4	3,949.42	3/4	4,196.03	3/4	4,441.62	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,707.71	1	3,954.56	1	4,201.16	1	4,446.72	1		1		1		1		1		1	
1 1/4	3,712.86	1 1/4	3,959.71	1 1/4	4,206.29	1 1/4	4,451.82	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,718.00	1 1/2	3,964.85	1 1/2	4,211.42	1 1/2	4,456.92	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	3,723.14	1 3/4	3,969.99	1 3/4	4,216.55	1 3/4	4,462.03	1 3/4		1 3/4		1 3/4		1 3/4		1 3/4		1 3/4	
2	3,728.28	2	3,975.13	2	4,221.67	2	4,467.13	2		2		2		2		2		2	
1/4	3,733.43	1/4	3,980.28	1/4	4,226.80	1/4	4,472.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.57	1/2	3,985.42	1/2	4,231.93	1/2	4,477.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.71	3/4	3,990.56	3/4	4,237.06	3/4	4,482.44	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,748.86	1	3,995.70	1	4,242.19	1	4,487.54	1		1		1		1		1		1	
1 1/4	3,754.00	1 1/4	4,000.85	1 1/4	4,247.32	1 1/4	4,492.65	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,759.14	1 1/2	4,005.99	1 1/2	4,252.44	1 1/2	4,497.75	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	3,764.28	1 3/4	4,011.13	1 3/4	4,257.57	1 3/4	4,502.85	1 3/4		1 3/4		1 3/4		1 3/4		1 3/4		1 3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

 STRAPPED: 08/14/2015 CL
 CALCULATED: 08/15/2015 CL
 PRINTED: 08/16/2015 JS

 CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2015

 PRECISION MEASUREMENT
 & ANALYSIS, INC.

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

HSM 3142 FORMERLY

BARGE "EBL 2971"



3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2.23	0	312.95	0	670.20	0	1,027.06	0	1,384.16	0	1,741.41	0	2,098.67	0	2,455.92	0	2,813.00	0	3,169.84	0	3,526.45	0	3,882.81	0	4,238.92	0	4,594.68	0	4,950.00
1/4	4.09	1/4	320.40	1/4	677.64	1/4	1,034.49	1/4	1,391.59	1/4	1,748.85	1/4	2,106.11	1/4	2,463.36	1/4	2,820.43	1/4	3,177.27	1/4	3,533.88	1/4	3,890.24	1/4	4,246.35	1/4	4,602.11	1/4	4,957.52
1/2	5.95	1/2	327.84	1/2	685.08	1/2	1,041.91	1/2	1,399.04	1/2	1,756.30	1/2	2,113.55	1/2	2,470.81	1/2	2,827.87	1/2	3,184.70	1/2	3,541.31	1/2	3,897.67	1/2	4,253.78	1/2	4,610.54	1/2	4,966.95
3/4	7.81	3/4	335.28	3/4	692.53	3/4	1,049.34	3/4	1,406.49	3/4	1,763.74	3/4	2,120.98	3/4	2,478.25	3/4	2,835.30	3/4	3,191.93	3/4	3,548.54	3/4	3,904.90	3/4	4,261.01	3/4	4,617.12	3/4	4,972.93
1	9.67	1	342.72	1	699.97	1	1,056.77	1	1,413.93	1	1,771.18	1	2,128.44	1	2,485.69	1	2,842.74	1	3,199.57	1	3,556.18	1	3,912.54	1	4,268.75	1	4,624.96	1	4,980.97
1 1/4	13.39	1 1/4	350.17	1 1/4	707.41	1 1/4	1,064.20	1 1/4	1,421.37	1 1/4	1,778.63	1 1/4	2,135.88	1 1/4	2,493.13	1 1/4	2,850.17	1 1/4	3,207.00	1 1/4	3,563.61	1 1/4	3,920.07	1 1/4	4,276.28	1 1/4	4,632.49	1 1/4	4,988.50
1 1/2	17.11	1 1/2	357.61	1 1/2	714.85	1 1/2	1,071.63	1 1/2	1,428.81	1 1/2	1,786.07	1 1/2	2,143.32	1 1/2	2,500.58	1 1/2	2,857.61	1 1/2	3,214.43	1 1/2	3,571.04	1 1/2	3,927.50	1 1/2	4,283.81	1 1/2	4,640.02	1 1/2	4,996.23
1 3/4	20.83	1 3/4	365.05	1 3/4	722.30	1 3/4	1,079.06	1 3/4	1,436.26	1 3/4	1,791.51	1 3/4	2,148.76	1 3/4	2,506.02	1 3/4	2,863.05	1 3/4	3,220.00	1 3/4	3,576.81	1 3/4	3,933.27	1 3/4	4,289.48	1 3/4	4,645.69	1 3/4	4,999.90
2	24.55	2	372.50	2	729.74	2	1,086.49	2	1,443.70	2	1,800.95	2	2,158.21	2	2,515.46	2	2,872.48	2	3,229.30	2	3,586.01	2	3,942.52	2	4,298.83	2	4,655.04	2	4,999.90
2 1/4	30.14	2 1/4	379.94	2 1/4	737.18	2 1/4	1,093.93	2 1/4	1,451.14	2 1/4	1,808.40	2 1/4	2,165.65	2 1/4	2,522.90	2 1/4	2,880.00	2 1/4	3,236.73	2 1/4	3,593.25	2 1/4	3,949.56	2 1/4	4,305.77	2 1/4	4,661.98	2 1/4	4,999.90
2 1/2	35.72	2 1/2	387.38	2 1/2	744.63	2 1/2	1,101.36	2 1/2	1,458.58	2 1/2	1,815.84	2 1/2	2,173.09	2 1/2	2,530.35	2 1/2	2,887.35	2 1/2	3,244.17	2 1/2	3,600.78	2 1/2	3,957.19	2 1/2	4,313.40	2 1/2	4,669.61	2 1/2	4,999.90
3	45.88	3	402.27	3	759.51	3	1,118.23	3	1,475.47	3	1,832.72	3	2,189.96	3	2,547.21	3	2,904.45	3	3,261.60	3	3,618.75	3	3,975.90	3	4,332.11	3	4,688.32	3	4,999.90
3 1/4	53.86	3 1/4	409.71	3 1/4	766.95	3 1/4	1,125.87	3 1/4	1,483.11	3 1/4	1,839.36	3 1/4	2,195.61	3 1/4	2,551.86	3 1/4	2,908.11	3 1/4	3,264.36	3 1/4	3,620.61	3 1/4	3,976.86	3 1/4	4,333.11	3 1/4	4,689.36	3 1/4	4,999.90
3 1/2	60.84	3 1/2	417.15	3 1/2	774.40	3 1/2	1,133.11	3 1/2	1,489.36	3 1/2	1,845.61	3 1/2	2,201.86	3 1/2	2,558.11	3 1/2	2,914.36	3 1/2	3,270.61	3 1/2	3,626.86	3 1/2	3,983.11	3 1/2	4,339.36	3 1/2	4,695.61	3 1/2	4,999.90
3 3/4	67.81	3 3/4	424.59	3 3/4	781.84	3 3/4	1,138.55	3 3/4	1,494.80	3 3/4	1,851.05	3 3/4	2,203.31	3 3/4	2,559.56	3 3/4	2,915.81	3 3/4	3,272.06	3 3/4	3,628.31	3 3/4	3,984.56	3 3/4	4,340.81	3 3/4	4,697.06	3 3/4	4,999.90
4	74.79	4	432.04	4	789.28	4	1,145.99	4	1,503.24	4	1,860.50	4	2,217.75	4	2,575.00	4	2,932.25	4	3,289.50	4	3,645.75	4	3,999.90	4	4,356.15	4	4,712.40	4	4,999.90
4 1/4	82.23	4 1/4	439.48	4 1/4	796.72	4 1/4	1,153.43	4 1/4	1,510.68	4 1/4	1,867.94	4 1/4	2,225.19	4 1/4	2,582.44	4 1/4	2,939.69	4 1/4	3,295.94	4 1/4	3,652.19	4 1/4	3,999.90	4 1/4	4,358.39	4 1/4	4,714.64	4 1/4	4,999.90
4 1/2	89.68	4 1/2	446.92	4 1/2	804.17	4 1/2	1,160.87	4 1/2	1,518.13	4 1/2	1,875.38	4 1/2	2,232.64	4 1/2	2,589.89	4 1/2	2,946.14	4 1/2	3,302.39	4 1/2	3,658.64	4 1/2	3,999.90	4 1/2	4,360.59	4 1/2	4,716.84	4 1/2	4,999.90
4 3/4	97.12	4 3/4	454.36	4 3/4	811.61	4 3/4	1,169.32	4 3/4	1,525.57	4 3/4	1,882.82	4 3/4	2,240.08	4 3/4	2,597.33	4 3/4	2,953.58	4 3/4	3,309.83	4 3/4	3,666.08	4 3/4	3,999.90	4 3/4	4,362.03	4 3/4	4,718.28	4 3/4	4,999.90
5	104.56	5	461.81	5	819.05	5	1,176.76	5	1,533.01	5	1,890.27	5	2,247.52	5	2,604.77	5	2,961.02	5	3,317.27	5	3,673.52	5	3,999.90	5	4,355.77	5	4,712.02	5	4,999.90
5 1/4	112.00	5 1/4	469.25	5 1/4	826.48	5 1/4	1,183.20	5 1/4	1,540.46	5 1/4	1,897.71	5 1/4	2,254.96	5 1/4	2,612.22	5 1/4	2,968.47	5 1/4	3,324.72	5 1/4	3,680.97	5 1/4	3,999.90	5 1/4	4,357.22	5 1/4	4,713.47	5 1/4	4,999.90
5 1/2	119.45	5 1/2	476.69	5 1/2	833.92	5 1/2	1,190.64	5 1/2	1,547.90	5 1/2	1,905.15	5 1/2	2,262.41	5 1/2	2,619.66	5 1/2	2,975.91	5 1/2	3,332.16	5 1/2	3,688.41	5 1/2	3,999.90	5 1/2	4,359.67	5 1/2	4,715.92	5 1/2	4,999.90
5 3/4	126.89	5 3/4	484.13	5 3/4	841.36	5 3/4	1,198.09	5 3/4	1,555.34	5 3/4	1,912.60	5 3/4	2,269.86	5 3/4	2,627.11	5 3/4	2,983.36	5 3/4	3,339.61	5 3/4	3,695.86	5 3/4	3,999.90	5 3/4	4,361.92	5 3/4	4,718.17	5 3/4	4,999.90
6	134.33	6	491.58	6	848.79	6	1,205.53	6	1,562.78	6	1,920.04	6	2,277.29	6	2,634.54	6	2,990.79	6	3,347.04	6	3,703.29	6	3,999.90	6	4,359.54	6	4,715.79	6	4,999.90
6 1/4	141.77	6 1/4	499.02	6 1/4	856.22	6 1/4	1,212.97	6 1/4	1,570.23	6 1/4	1,927.48	6 1/4	2,284.74	6 1/4	2,641.99	6 1/4	2,998.24	6 1/4	3,354.49	6 1/4	3,710.74	6 1/4	3,999.90	6 1/4	4,361.99	6 1/4	4,718.24	6 1/4	4,999.90
6 1/2	149.22	6 1/2	506.46	6 1/2	863.65	6 1/2	1,220.42	6 1/2	1,577.67	6 1/2	1,934.92	6 1/2	2,292.18	6 1/2	2,649.43	6 1/2	2,999.90	6 1/2	3,355.68	6 1/2	3,711.93	6 1/2	3,999.90	6 1/2	4,364.04	6 1/2	4,720.29	6 1/2	4,999.90
6 3/4	156.66	6 3/4	513.90	6 3/4	871.08	6 3/4	1,227.86	6 3/4	1,585.11	6 3/4	1,942.37	6 3/4	2,299.62	6 3/4	2,656.87	6 3/4	2,999.90	6 3/4	3,357.13	6 3/4	3,713.38	6 3/4	3,999.90	6 3/4	4,366.14	6 3/4	4,722.39	6 3/4	4,999.90
7	164.10	7	521.35	7	878.50	7	1,235.30	7	1,592.56	7	1,949.81	7	2,307.06	7	2,664.31	7	2,999.90	7	3,358.18	7	3,714.43	7	3,999.90	7	4,367.19	7	4,724.44	7	4,999.90
7 1/4	171.54	7 1/4	528.79	7 1/4	885.93	7 1/4	1,242.74	7 1/4	1,600.00	7 1/4	1,957.25	7 1/4	2,314.51	7 1/4	2,671.76	7 1/4	2,999.90	7 1/4	3,359.25	7 1/4	3,715.50	7 1/4	3,999.90	7 1/4	4,368.24	7 1/4	4,725.49	7 1/4	4,999.90
7 1/2	178.99	7 1/2	536.23	7 1/2	893.36	7 1/2	1,250.19	7 1/2	1,607.44	7 1/2	1,964.70	7 1/2	2,321.95	7 1/2	2,679.16	7 1/2	2,999.90	7 1/2	3,360.30	7 1/2	3,716.55	7 1/2	3,999.90	7 1/2	4,369.29	7 1/2	4,726.54	7 1/2	4,999.90
7 3/4	186.43	7 3/4	543.67	7 3/4	900.79	7 3/4	1,257.63	7 3/4	1,614.86	7 3/4	1,972.14	7 3/4	2,329.39	7 3/4	2,686.59	7 3/4	2,999.90	7 3/4	3,361.35	7 3/4	3,717.60	7 3/4	3,999.90	7 3/4	4,370.34	7 3/4	4,727.59	7 3/4	4,999.90
8	193.87	8	551.12	8	908.22	8	1,265.07	8	1,622.33	8	1,979.58	8	2,336.84	8	2,694.03	8	2,999.90	8	3,362.30	8	3,718.65	8	3,999.90	8	4,371.39	8	4,728.64	8	4,999.90
8 1/4	201.32	8 1/4	558.56	8 1/4	915.64	8 1/4	1,272.51	8 1/4	1,629.77	8 1/4	1,987.02	8 1/4	2,344.28	8 1/4	2,701.46	8 1/4	2,999.90	8 1/4	3,363.35	8 1/4	3,719.70	8 1/4	3,999.90	8 1/4	4,372.44	8 1/4	4,729.69	8 1/4	4,999.90
8 1/2	208.76	8 1/2	566.00	8 1/2	923.07	8 1/2	1,279.96	8 1/2	1,637.21	8 1/2	1,994.47	8 1/2	2,351.72	8 1/2	2,708.90	8 1/2	2,999.90	8 1/2	3,364.40	8 1/2	3,720.75	8 1/2	3,999.90	8 1/2	4,373.49	8 1/2	4,730.74	8 1/2	4,999.90
8 3/4	216.20	8 3/4	573.45	8 3/4	930.50	8 3/4	1,287.40	8 3/4	1,644.66	8 3/4	2,001.91	8 3/4	2,359.16	8 3/4	2,716.33	8 3/4	2,999.90	8 3/4	3,365.45	8 3/4	3,721.80	8 3/4	3,999.90	8 3/4	4,374.54	8 3/4	4,731.79	8 3/4	4,999.90
9	223.64	9	580.89	9	937.93	9	1,294.84	9	1,652.10	9	2,009.35	9	2,366.61	9	2,723.77	9	2,999.90	9	3,366.50	9	3,722.85	9	3,999.90	9	4,375.59	9	4,732.84	9	4,999.90</

HSM 3142 FORMERLY

BARGE "EBL 2971"



3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	3,525.92	0	3,791.03	0	4,037.94	0	4,284.44	0	4,529.76	0	4,775.68	0	5,021.60	0	5,267.52	0	5,513.44	0	5,759.36	0	6,005.28
1/4	3,530.33	1/4	3,796.17	1/4	4,043.09	1/4	4,289.57	1/4	4,535.49	1/4	4,781.41	1/4	5,027.33	1/4	5,273.25	1/4	5,519.17	1/4	5,765.09	1/4	6,010.96
1/2	3,540.74	1/2	3,801.31	1/2	4,048.23	1/2	4,294.69	1/2	4,540.61	1/2	4,786.53	1/2	5,032.45	1/2	5,278.37	1/2	5,524.29	1/2	5,770.21	1/2	6,016.13
3/4	3,548.15	3/4	3,806.46	3/4	4,053.38	3/4	4,299.82	3/4	4,545.74	3/4	4,791.66	3/4	5,037.58	3/4	5,283.50	3/4	5,529.42	3/4	5,775.34	3/4	6,021.26
1	3,556.57	1	3,811.60	1	4,060.52	1	4,306.44	1	4,552.36	1	4,798.28	1	5,044.20	1	5,290.12	1	5,536.04	1	5,781.96	1	6,027.19
1/4	3,562.42	1/4	3,816.75	1/4	4,066.66	1/4	4,312.58	1/4	4,558.50	1/4	4,804.42	1/4	5,050.34	1/4	5,296.26	1/4	5,542.18	1/4	5,788.10	1/4	6,033.02
1/2	3,569.27	1/2	3,821.89	1/2	4,073.95	1/2	4,319.87	1/2	4,565.80	1/2	4,811.72	1/2	5,057.64	1/2	5,303.56	1/2	5,549.48	1/2	5,795.40	1/2	6,038.94
3/4	3,576.12	3/4	3,827.04	3/4	4,079.10	3/4	4,326.02	3/4	4,571.94	3/4	4,817.86	3/4	5,063.78	3/4	5,309.70	3/4	5,555.62	3/4	5,801.54	3/4	6,044.80
1	3,582.97	1	3,832.18	1	4,084.24	1	4,330.16	1	4,576.08	1	4,821.99	1	5,067.91	1	5,313.83	1	5,559.75	1	5,805.67	1	6,050.66
1/4	3,588.69	1/4	3,837.32	1/4	4,089.38	1/4	4,335.30	1/4	4,581.22	1/4	4,827.14	1/4	5,073.06	1/4	5,318.98	1/4	5,564.90	1/4	5,810.82	1/4	6,056.50
1/2	3,594.40	1/2	3,842.47	1/2	4,094.53	1/2	4,340.45	1/2	4,586.37	1/2	4,832.29	1/2	5,078.21	1/2	5,324.13	1/2	5,570.82	1/2	5,816.74	1/2	6,062.34
3/4	3,600.12	3/4	3,847.61	3/4	4,099.67	3/4	4,345.57	3/4	4,591.50	3/4	4,837.42	3/4	5,083.34	3/4	5,329.26	3/4	5,576.18	3/4	5,822.60	3/4	6,068.18
1	3,605.84	1	3,852.76	1	4,104.82	1	4,350.74	1	4,596.66	1	4,842.58	1	5,094.50	1	5,340.42	1	5,586.34	1	5,832.26	1	6,073.90
1/4	3,610.98	1/4	3,857.90	1/4	4,109.96	1/4	4,355.88	1/4	4,601.80	1/4	4,847.72	1/4	5,099.64	1/4	5,345.56	1/4	5,591.50	1/4	5,837.42	1/4	6,079.04
1/2	3,616.13	1/2	3,863.04	1/2	4,115.10	1/2	4,361.02	1/2	4,606.94	1/2	4,852.86	1/2	5,104.78	1/2	5,350.70	1/2	5,596.62	1/2	5,843.10	1/2	6,084.18
3/4	3,621.27	3/4	3,868.18	3/4	4,120.25	3/4	4,366.16	3/4	4,612.08	3/4	4,857.99	3/4	5,110.70	3/4	5,355.82	3/4	5,601.74	3/4	5,848.22	3/4	6,089.32
1	3,626.42	1	3,873.33	1	4,125.39	1	4,371.30	1	4,617.22	1	4,863.14	1	5,115.06	1	5,360.98	1	5,606.90	1	5,853.34	1	6,094.46
1/4	3,631.56	1/4	3,878.48	1/4	4,130.53	1/4	4,376.44	1/4	4,622.36	1/4	4,868.28	1/4	5,120.20	1/4	5,366.12	1/4	5,612.04	1/4	5,858.48	1/4	6,100.00
1/2	3,636.70	1/2	3,883.62	1/2	4,135.67	1/2	4,381.58	1/2	4,627.50	1/2	4,873.42	1/2	5,125.34	1/2	5,371.26	1/2	5,617.18	1/2	5,863.62	1/2	6,105.14
3/4	3,641.85	3/4	3,888.76	3/4	4,140.80	3/4	4,386.72	3/4	4,632.64	3/4	4,878.56	3/4	5,130.48	3/4	5,376.40	3/4	5,622.32	3/4	5,868.76	3/4	6,110.28
1	3,646.99	1	3,893.91	1	4,145.93	1	4,391.85	1	4,637.77	1	4,883.69	1	5,135.62	1	5,381.54	1	5,627.46	1	5,873.90	1	6,115.42
1/4	3,652.14	1/4	3,899.05	1/4	4,151.06	1/4	4,396.99	1/4	4,642.89	1/4	4,888.81	1/4	5,140.74	1/4	5,386.68	1/4	5,632.60	1/4	5,879.04	1/4	6,120.56
1/2	3,657.28	1/2	3,904.20	1/2	4,156.19	1/2	4,402.12	1/2	4,648.02	1/2	4,893.94	1/2	5,145.88	1/2	5,391.80	1/2	5,637.72	1/2	5,884.18	1/2	6,125.70
3/4	3,662.42	3/4	3,909.34	3/4	4,161.32	3/4	4,407.25	3/4	4,653.15	3/4	4,899.07	3/4	5,150.92	3/4	5,396.94	3/4	5,642.86	3/4	5,889.32	3/4	6,130.84
1	3,667.57	1	3,914.48	1	4,166.45	1	4,412.38	1	4,658.28	1	4,904.20	1	5,156.06	1	5,402.00	1	5,647.98	1	5,894.46	1	6,135.98
1/4	3,672.71	1/4	3,919.63	1/4	4,171.58	1/4	4,417.51	1/4	4,663.41	1/4	4,909.33	1/4	5,161.19	1/4	5,407.12	1/4	5,653.06	1/4	5,899.60	1/4	6,141.12
1/2	3,677.86	1/2	3,924.77	1/2	4,176.71	1/2	4,422.64	1/2	4,668.54	1/2	4,914.46	1/2	5,166.26	1/2	5,412.24	1/2	5,658.18	1/2	5,904.74	1/2	6,146.26
3/4	3,683.00	3/4	3,929.92	3/4	4,181.84	3/4	4,427.77	3/4	4,673.67	3/4	4,919.59	3/4	5,171.38	3/4	5,417.36	3/4	5,663.30	3/4	5,909.88	3/4	6,151.40
1	3,688.14	1	3,935.06	1	4,186.97	1	4,432.90	1	4,678.80	1	4,924.72	1	5,176.50	1	5,422.48	1	5,668.42	1	5,915.02	1	6,156.54
1/4	3,693.29	1/4	3,940.21	1/4	4,192.10	1/4	4,438.03	1/4	4,683.93	1/4	4,929.85	1/4	5,181.62	1/4	5,427.60	1/4	5,673.54	1/4	5,920.16	1/4	6,161.68
1/2	3,698.43	1/2	3,945.35	1/2	4,197.23	1/2	4,443.16	1/2	4,689.06	1/2	4,934.98	1/2	5,186.74	1/2	5,432.72	1/2	5,678.66	1/2	5,925.30	1/2	6,166.82
3/4	3,703.58	3/4	3,950.49	3/4	4,202.36	3/4	4,448.29	3/4	4,694.19	3/4	4,940.11	3/4	5,191.82	3/4	5,437.86	3/4	5,683.78	3/4	5,930.44	3/4	6,171.96
1	3,708.72	1	3,955.64	1	4,207.49	1	4,453.42	1	4,699.32	1	4,945.24	1	5,196.94	1	5,442.90	1	5,688.90	1	5,935.58	1	6,177.10
1/4	3,713.87	1/4	3,960.78	1/4	4,212.62	1/4	4,458.55	1/4	4,704.43	1/4	4,950.36	1/4	5,202.06	1/4	5,448.02	1/4	5,693.92	1/4	5,940.70	1/4	6,182.24
1/2	3,719.01	1/2	3,965.93	1/2	4,217.75	1/2	4,463.68	1/2	4,709.56	1/2	4,955.48	1/2	5,207.18	1/2	5,453.10	1/2	5,699.04	1/2	5,945.84	1/2	6,187.38
3/4	3,724.15	3/4	3,971.07	3/4	4,222.88	3/4	4,468.81	3/4	4,714.67	3/4	4,960.59	3/4	5,212.30	3/4	5,458.22	3/4	5,704.16	3/4	5,950.98	3/4	6,192.52
1	3,729.30	1	3,976.21	1	4,228.01	1	4,473.94	1	4,719.80	1	4,965.72	1	5,217.42	1	5,463.34	1	5,709.28	1	5,956.12	1	6,197.66
1/4	3,734.44	1/4	3,981.36	1/4	4,233.14	1/4	4,479.07	1/4	4,724.93	1/4	4,970.85	1/4	5,222.54	1/4	5,468.46	1/4	5,714.40	1/4	5,961.26	1/4	6,202.80
1/2	3,739.59	1/2	3,986.50	1/2	4,238.27	1/2	4,484.20	1/2	4,729.96	1/2	4,975.98	1/2	5,227.66	1/2	5,473.58	1/2	5,719.52	1/2	5,966.40	1/2	6,207.94
3/4	3,744.73	3/4	3,991.65	3/4	4,243.40	3/4	4,489.33	3/4	4,735.09	3/4	4,981.11	3/4	5,232.78	3/4	5,478.70	3/4	5,724.64	3/4	5,971.54	3/4	6,213.08
1	3,749.87	1	3,996.79	1	4,248.53	1	4,494.46	1	4,740.12	1	4,986.24	1	5,237.90	1	5,483.82	1	5,729.78	1	5,976.68	1	6,218.22
1/4	3,755.02	1/4	4,001.93	1/4	4,253.66	1/4	4,499.59	1/4	4,745.25	1/4	4,991.03	1/4	5,243.02	1/4	5,488.94	1/4	5,734.90	1/4	5,981.80	1/4	6,223.36
1/2	3,760.16	1/2	4,007.08	1/2	4,258.79	1/2	4,504.72	1/2	4,750.39	1/2	4,996.22	1/2	5,248.14	1/2	5,494.06	1/2	5,740.02	1/2	5,986.92	1/2	6,228.50
3/4	3,765.31	3/4	4,012.22	3/4	4,263.92	3/4	4,509.85	3/4	4,755.52	3/4	4,998.34	3/4	5,253.26	3/4	5,499.18	3/4	5,745.16	3/4	5,992.06	3/4	6,233.64
1	3,770.45	1	4,017.37	1	4,269.05	1	4,514.99	1	4,760.60	1	4,999.47	1	5,258.38	1	5,504.30	1	5,750.24	1	5,997.10	1	6,238.78
1/4	3,775.59	1/4	4,022.51	1/4	4,274.18	1/4	4,520.12	1/4	4,765.71	1/4	4,999.59	1/4	5,263.50	1/4	5,509.42	1/4	5,755.36	1/4	5,999.24	1/4	6,243.92
1/2	3,780.74	1/2	4,027.66	1/2	4,279.31	1/2	4,525.25	1/2	4,770.82	1/2	4,999.67	1/2	5,268.62	1/2	5,514.54	1/2	5,760.48	1/2	6,004.38	1/2	6,249.06
3/4	3,785.88	3/4	4,032.80	3/4	4,284.44	3/4	4,530.38	3/4	4,775.95	3/4	5,004.81	3/4	5,273.74	3/4	5,519.66	3/4	5,765.62	3/4	6,009.52	3/4	6,254.20

STRAPPED: 08/14/2015 CL
CALCULATED: 08/15/2015 CL
PRINTED: 08/16/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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Paul J. Mac



HSM 3142 FORMERLY

BARGE "EBL 2971"

INNAGE TRIM TABLE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-1/4	- 06-1/4	08-1/2	- 08-1/2	10-5/8	- 10-5/8	12-3/4	- 12-3/4
1 STBD	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-1/4	- 06-1/4	08-1/2	- 08-1/2	10-5/8	- 10-5/8	12-5/8	- 12-5/8
2 PORT	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-1/4	- 06-1/4	08-1/2	- 08-1/2	10-5/8	- 10-5/8	12-3/4	- 12-3/4
2 STBD	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-1/4	- 06-1/4	08-1/2	- 08-1/2	10-5/8	- 10-5/8	12-3/4	- 12-3/4
3 PORT	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-3/8	- 06-3/8	08-1/2	- 08-1/2	10-1/2	- 10-1/2	12-5/8	- 12-5/8
3 STBD	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-3/8	- 06-3/8	08-1/2	- 08-1/2	10-1/2	- 10-1/2	12-5/8	- 12-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 04-1/4"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-07 3/4"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

August 14, 2015

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