



# EMS 356

HULL NO. 4480

CORRECTION TABLE FOR TRIM AFT.

**FOR INNAGE GAUGES ONLY**

TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 PORT OR STAR.	TANKS NO. 3 PORT OR STAR.
0'-6"	(-) 0' - 0 1/8"	(-) 0' - 0 1/8"	(-) 0' - 0 1/8"
1'-0"	(-) 0' - 0 3/8"	(-) 0' - 0 1/4"	(-) 0' - 0 3/8"
1'-6"	(-) 0' - 0 1/2"	(-) 0' - 0 3/8"	(-) 0' - 0 1/2"
2'-0"	(-) 0' - 0 5/8"	(-) 0' - 0 1/2"	(-) 0' - 0 5/8"
2'-6"	(-) 0' - 0 3/4"	(-) 0' - 0 3/4"	(-) 0' - 0 7/8"
3'-0"	(-) 0' - 1"	(-) 0' - 0 7/8"	(-) 0' - 1"
3'-6"	(-) 0' - 1 1/8"	(-) 0' - 1"	(-) 0' - 1 1/4"
4'-0"	(-) 0' - 1 1/4"	(-) 0' - 1 1/8"	(-) 0' - 1 3/8"
4'-6"	(-) 0' - 1 1/2"	(-) 0' - 1 1/4"	(-) 0' - 1 1/2"
5'-0"	(-) 0' - 1 5/8"	(-) 0' - 1 3/8"	(-) 0' - 1 3/4"

NOTE: FOR TRIM FWD., REVERSE SIGNS.

NOTE: IF LIQUID SURFACE TOUCHES TANK BOTTOM OR DECK WHEN GAUGED,  
TRIM CORRECTIONS ARE NOT ACCURATE.

NOTE: FOR "OUTAGE" GAUGES, REVERSE SIGNS.

DATE: 12/16/04

BY:

  
INSPECTORATE AMERICA CORPORATION







ISO 9002 ACCREDITED

# EMS 356

INNAGE TABLE

TANK NO. 3  
PORT OR STAR

HULL NO. 4400

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS		PORT REFERENCE GAUGE HEIGHT: 15'-3 1/4" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)		STAR REFERENCE GAUGE HEIGHT: 15'-2 3/4" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)		BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN	
H	FT.	H	FT.	H	FT.	H	FT.
0	0	0	0	0	0	0	0
1	41.58	0	411.38	0	777.09	0	1,142.80
2	83.16	0	822.76	0	1,513.72	0	2,285.60
3	124.74	0	1,234.14	0	2,141.58	0	3,428.40
4	166.32	0	1,645.52	0	2,769.44	0	4,571.20
5	207.90	0	2,056.90	0	3,397.30	0	5,714.00
6	249.48	0	2,468.28	0	4,025.16	0	6,856.80
7	291.06	0	2,879.66	0	4,653.02	0	7,999.60
8	332.64	0	3,291.04	0	5,280.88	0	9,142.40
9	374.22	0	3,702.42	0	5,908.74	0	10,285.20
10	415.80	0	4,113.80	0	6,536.60	0	11,428.00
11	457.38	0	4,525.18	0	7,164.46	0	12,570.80
12	498.96	0	4,936.56	0	7,792.32	0	13,713.60
13	540.54	0	5,347.94	0	8,420.18	0	14,856.40
14	582.12	0	5,759.32	0	9,048.04	0	16,000.00
15	623.70	0	6,170.70	0	9,675.90	0	17,143.80
16	665.28	0	6,582.08	0	10,303.76	0	18,287.60
17	706.86	0	6,993.46	0	10,931.62	0	19,431.40
18	748.44	0	7,404.84	0	11,559.48	0	20,575.20
19	790.02	0	7,816.22	0	12,187.34	0	21,719.00
20	831.60	0	8,227.60	0	12,815.20	0	22,862.80
21	873.18	0	8,638.98	0	13,443.06	0	24,006.60
22	914.76	0	9,050.36	0	14,070.92	0	25,150.40
23	956.34	0	9,461.74	0	14,698.78	0	26,294.20
24	997.92	0	9,873.12	0	15,326.64	0	27,438.00
25	1,039.50	0	10,284.50	0	15,954.50	0	28,581.80
26	1,081.08	0	10,695.88	0	16,582.36	0	29,725.60
27	1,122.66	0	11,107.26	0	17,210.22	0	30,869.40
28	1,164.24	0	11,518.64	0	17,838.08	0	32,013.20
29	1,205.82	0	11,930.02	0	18,465.94	0	33,157.00
30	1,247.40	0	12,341.40	0	19,093.80	0	34,300.80
31	1,288.98	0	12,752.78	0	19,721.66	0	35,444.60
32	1,330.56	0	13,164.16	0	20,349.52	0	36,588.40
33	1,372.14	0	13,575.54	0	20,977.38	0	37,732.20
34	1,413.72	0	13,986.92	0	21,605.24	0	38,876.00
35	1,455.30	0	14,398.30	0	22,233.10	0	40,019.80
36	1,496.88	0	14,809.68	0	22,860.96	0	41,163.60
37	1,538.46	0	15,221.06	0	23,488.82	0	42,307.40
38	1,579.04	0	15,632.44	0	24,116.68	0	43,451.20
39	1,620.62	0	16,043.82	0	24,744.54	0	44,595.00
40	1,662.20	0	16,455.20	0	25,372.40	0	45,738.80
41	1,703.78	0	16,866.58	0	26,000.26	0	46,882.60
42	1,745.36	0	17,277.96	0	26,628.12	0	48,026.40
43	1,786.94	0	17,689.34	0	27,255.98	0	49,170.20
44	1,828.52	0	18,100.72	0	27,883.84	0	50,314.00
45	1,870.10	0	18,512.10	0	28,511.70	0	51,457.80
46	1,911.68	0	18,923.48	0	29,139.56	0	52,601.60
47	1,953.26	0	19,334.86	0	29,767.42	0	53,745.40
48	1,994.84	0	19,746.24	0	30,395.28	0	54,889.20
49	2,036.42	0	20,157.62	0	31,023.14	0	56,033.00
50	2,078.00	0	20,569.00	0	31,650.99	0	57,176.80
51	2,119.58	0	20,980.38	0	32,278.85	0	58,320.60
52	2,161.16	0	21,391.76	0	32,906.71	0	59,464.40
53	2,202.74	0	21,803.14	0	33,534.57	0	60,608.20
54	2,244.32	0	22,214.52	0	34,162.43	0	61,752.00
55	2,285.90	0	22,625.90	0	34,790.29	0	62,895.80
56	2,327.48	0	23,037.28	0	35,418.15	0	64,039.60
57	2,369.06	0	23,448.66	0	36,046.01	0	65,183.40
58	2,410.64	0	23,860.04	0	36,673.87	0	66,327.20
59	2,452.22	0	24,271.42	0	37,301.73	0	67,471.00
60	2,493.80	0	24,682.80	0	37,929.59	0	68,614.80
61	2,535.38	0	25,094.18	0	38,557.45	0	69,758.60
62	2,576.96	0	25,505.56	0	39,185.31	0	70,902.40
63	2,618.54	0	25,916.94	0	39,813.17	0	72,046.20
64	2,660.12	0	26,328.32	0	40,441.03	0	73,190.00
65	2,701.70	0	26,739.70	0	41,068.89	0	74,333.80
66	2,743.28	0	27,151.08	0	41,696.75	0	75,477.60
67	2,784.86	0	27,562.46	0	42,324.61	0	76,621.40
68	2,826.44	0	27,973.84	0	42,952.47	0	77,765.20
69	2,868.02	0	28,385.22	0	43,580.33	0	78,909.00
70	2,909.60	0	28,796.60	0	44,208.19	0	80,052.80
71	2,951.18	0	29,207.98	0	44,836.05	0	81,196.60
72	2,992.76	0	29,619.36	0	45,463.91	0	82,340.40
73	3,034.34	0	30,030.74	0	46,091.77	0	83,484.20
74	3,075.92	0	30,442.12	0	46,719.63	0	84,628.00
75	3,117.50	0	30,853.50	0	47,347.49	0	85,771.80
76	3,159.08	0	31,264.88	0	47,975.35	0	86,915.60
77	3,200.66	0	31,676.26	0	48,603.21	0	88,059.40
78	3,242.24	0	32,087.64	0	49,231.07	0	89,203.20
79	3,283.82	0	32,499.02	0	49,858.93	0	90,347.00
80	3,325.40	0	32,910.40	0	50,486.79	0	91,490.80
81	3,366.98	0	33,321.78	0	51,114.65	0	92,634.60
82	3,408.56	0	33,733.16	0	51,742.51	0	93,778.40
83	3,450.14	0	34,144.54	0	52,370.37	0	94,922.20
84	3,491.72	0	34,555.92	0	53,000.00	0	96,066.00
85	3,533.30	0	34,967.30	0	53,629.63	0	97,209.80
86	3,574.88	0	35,378.68	0	54,259.26	0	98,353.60
87	3,616.46	0	35,790.06	0	54,888.89	0	99,497.40
88	3,658.04	0	36,201.44	0	55,518.52	0	100,641.20
89	3,699.62	0	36,612.82	0	56,148.15	0	101,785.00
90	3,741.20	0	37,024.20	0	56,777.78	0	102,928.80
91	3,782.78	0	37,435.58	0	57,407.41	0	104,072.60
92	3,824.36	0	37,846.96	0	58,037.04	0	105,216.40
93	3,865.94	0	38,258.34	0	58,666.67	0	106,360.20
94	3,907.52	0	38,669.72	0	59,296.30	0	107,504.00
95	3,949.10	0	39,081.10	0	59,925.93	0	108,647.80
96	3,990.68	0	39,492.48	0	60,555.56	0	109,791.60
97	4,032.26	0	39,903.86	0	61,185.19	0	110,935.40
98	4,073.84	0	40,315.24	0	61,814.82	0	112,079.20
99	4,115.42	0	40,726.62	0	62,444.45	0	113,223.00
100	4,157.00	0	41,138.00	0	63,074.08	0	114,366.80
101	4,198.58	0	41,549.38	0	63,703.71	0	115,510.60
102	4,240.16	0	41,960.76	0	64,333.34	0	116,654.40
103	4,281.74	0	42,372.14	0	64,962.97	0	117,798.20
104	4,323.32	0	42,783.52	0	65,592.60	0	118,942.00
105	4,364.90	0	43,194.90	0	66,222.23	0	120,085.80
106	4,406.48	0	43,606.28	0	66,851.86	0	121,229.60
107	4,448.06	0	44,017.66	0	67,481.49	0	122,373.40
108	4,489.64	0	44,429.04	0	68,111.12	0	123,517.20
109	4,531.22	0	44,840.42	0	68,740.75	0	124,661.00
110	4,572.80	0	45,251.80	0	69,370.38	0	125,804.80
111	4,614.38	0	45,663.18	0	70,000.01	0	126,948.60
112	4,655.96	0	46,074.56	0	70,629.64	0	128,092.40
113	4,697.54	0	46,485.94	0	71,259.27	0	129,236.20
114	4,739.12	0	46,897.32	0	71,888.90	0	130,380.00
115	4,780.70	0	47,308.70	0	72,518.53	0	131,523.80
116	4,822.28	0	47,720.08	0	73,148.16	0	132,667.60
117	4,863.86	0	48,131.46	0	73,777.79	0	133,811.40
118	4,905.44	0	48,542.84	0	74,407.42	0	134,955.20
119	4,947.02	0	48,954.22	0	75,037.05	0	136,099.00
120	4,988.60	0	49,365.60	0	75,666.68	0	137,242.80
121	5,030.18	0	49,776.98	0	76,296.31	0	138,386.60
122	5,071.76	0	50,188.36	0	76,925.94	0	139,530.40
123	5,113.34	0	50,599.74	0	77,555.57	0	140,674.20
124	5,154.92	0	51,011.12	0	78,185.20	0	141,818.00
125	5,196.50	0	51,422.50	0	78,814.83	0	142,961.80
126	5,238.08	0	51,833.88	0	79,444.46	0	144,105.60
127	5,279.66	0	52,245.26	0	80,074.09	0	145,249.40
128	5,321.24	0	52,656.64	0	80,703.72	0	146,393.20
129	5,362.82	0	53,068.02	0	81,333.35	0	147,537.00
130	5,404.40	0	53,479.40	0	81,962.98	0	148,680.80
131	5,445.98	0	53,890.78	0	82,592.61	0	149,824.60
132	5,487.56	0	54,302.16	0	83,222.24	0	150,968.40
133	5,529.14	0	54,713.54	0	83,851.87	0	152,112.20
134	5,570.72	0	55,124.92	0	84,481.50	0	153,256.00
135	5,612.30	0	55,536.30	0	85,111.13	0	154,400.00
136	5,653.88	0	55,947.68	0	85,740.76	0	155,544.00
137	5,695.46	0	56,359.06	0	86,370.39	0	156,688.00
138	5,737.04	0	56,770.44	0	87,000.02	0	157,832.00
139	5,778.62	0	57,181.82	0	87,629.65	0	