



INSPECTORATE

EMS 321

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"	NIL	NIL	NIL
1'-0"	+ 0'-0 1/8"	+ 0'-0 1/8"	+ 0'-0 1/8"
1'-6"	+ 0'-0 1/8"	+ 0'-0 1/8"	+ 0'-0 1/8"
2'-0"	+ 0'-0 1/4"	+ 0'-0 1/4"	+ 0'-0 1/8"
2'-6"	+ 0'-0 1/4"	+ 0'-0 1/4"	+ 0'-0 1/4"
3'-0"	+ 0'-0 3/8"	+ 0'-0 1/4"	+ 0'-0 1/4"
3'-6"	+ 0'-0 3/8"	+ 0'-0 3/8"	+ 0'-0 3/8"
4'-0"	+ 0'-0 1/2"	+ 0'-0 3/8"	+ 0'-0 3/8"
4'-6"	+ 0'-0 1/2"	+ 0'-0 1/2"	+ 0'-0 3/8"
5'-0"	+ 0'-0 5/8"	+ 0'-0 1/2"	+ 0'-0 1/2"

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: 7/20/95

BY: 
INSPECTORATE AMERICA CORPORATION



EMS 321

OUTGATE TABLE

TANK NO. 1 PORT

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

#	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.
0															
1	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
2	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
3	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
4	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
5	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
6	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
7	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
8	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
9	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
10	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
11	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
12	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
13	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
14	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
15	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
16	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
17	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
18	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
19	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
20	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
21	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
22	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
23	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
24	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
25	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
26	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
27	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
28	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
29	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
30	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
31	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
32	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
33	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74
34	5,114.98	4,769.82	4,424.66	4,079.50	3,734.34	3,389.18	3,044.02	2,698.86	2,353.70	2,008.54	1,663.38	1,318.22	973.06	627.90	282.74

STRAPPED: 7/20/95

REFERENCE GAUGE HEIGHT: 14'-11 1/4" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

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

[Signature]
INSPECTORATE AMERICA CORPORATION

* CAPACITY BELOW STRIKE POINT

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS



EMS 321

OUTAGE TABLE

TANK NO. 1 STAR

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

0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34	34	34	34	34	34

STRAPPED: 7/2095

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

INSPECTORATE AMERICA CORPORATION

REFERENCE GAUGE HEIGHT: 14'-11 3/4" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

* CAPACITY BELOW STRIKE POINT

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS



EMS 321

OUTAGE TABLE

TANK NO. 3
STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

14 FT.	13 FT.	12 FT.	11 FT.	10 FT.	9 FT.	8 FT.	7 FT.	6 FT.	5 FT.	4 FT.	3 FT.	2 FT.	1 FT.	0 FT.	14 FT.
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34

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[Signature]

INSPECTORATE AMERICA CORPORATION

STAR

14'-11 1/2" (RIM OF 2" DIAMETER BALL VALVE
LOCATED NEAR CENTER OF TANK)

REFERENCE GAUGE HEIGHT

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

* CAPACITY BELOW STRIKE POINT

STRAPPED: 720695