



BARGE "GBL 3130"

ULLAGE TRIM TABLE

| | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | |
|--------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 PORT | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 |
| 1 STBD | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 |
| 2 PORT | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 |
| 2 STBD | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 |
| 3 PORT | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 |
| 3 STBD | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 1'-00"
 AFT DRAFT = 5'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 3 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

September 24, 2012

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

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BARGE "GBL 3130"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

| 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 | |
| 0 | | 0 | | 0 | 206,149 | 0 | 191,229 | 0 | 176,235 | 0 | 161,201 | 0 | 146,166 | 0 | 131,131 | 0 | 116,097 | 0 | 101,059 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 205,839 | 1/4 | 190,917 | 1/4 | 175,922 | 1/4 | 160,887 | 1/4 | 145,853 | 1/4 | 130,818 | 1/4 | 115,784 | 1/4 | 100,745 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 205,529 | 1/2 | 190,605 | 1/2 | 175,609 | 1/2 | 160,574 | 1/2 | 145,540 | 1/2 | 130,505 | 1/2 | 115,470 | 1/2 | 100,432 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 205,219 | 3/4 | 190,292 | 3/4 | 175,296 | 3/4 | 160,261 | 3/4 | 145,226 | 3/4 | 130,192 | 3/4 | 115,157 | 3/4 | 100,118 | | |
| 1 | | 1 | | 1 | 204,909 | 1 | 189,980 | 1 | 174,982 | 1 | 159,948 | 1 | 144,913 | 1 | 129,879 | 1 | 114,844 | 1 | 99,805 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 204,599 | 1/4 | 189,668 | 1/4 | 174,669 | 1/4 | 159,635 | 1/4 | 144,600 | 1/4 | 129,565 | 1/4 | 114,531 | 1/4 | 99,492 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 204,288 | 1/2 | 189,355 | 1/2 | 174,356 | 1/2 | 159,321 | 1/2 | 144,287 | 1/2 | 129,252 | 1/2 | 114,217 | 1/2 | 99,178 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 203,978 | 3/4 | 189,043 | 3/4 | 174,043 | 3/4 | 159,008 | 3/4 | 143,974 | 3/4 | 128,939 | 3/4 | 113,904 | 3/4 | 98,865 | | |
| 2 | | 2 | | 2 | 203,668 | 2 | 188,731 | 2 | 173,730 | 2 | 158,695 | 2 | 143,660 | 2 | 128,626 | 2 | 113,591 | 2 | 98,552 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 203,358 | 1/4 | 188,419 | 1/4 | 173,416 | 1/4 | 158,382 | 1/4 | 143,347 | 1/4 | 128,312 | 1/4 | 113,278 | 1/4 | 98,238 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 203,048 | 1/2 | 188,106 | 1/2 | 173,103 | 1/2 | 158,068 | 1/2 | 143,034 | 1/2 | 127,999 | 1/2 | 112,965 | 1/2 | 97,925 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 202,738 | 3/4 | 187,794 | 3/4 | 172,790 | 3/4 | 157,755 | 3/4 | 142,721 | 3/4 | 127,686 | 3/4 | 112,651 | 3/4 | 97,611 | | |
| 3 | | 3 | | 3 | 202,428 | 3 | 187,482 | 3 | 172,477 | 3 | 157,442 | 3 | 142,407 | 3 | 127,373 | 3 | 112,338 | 3 | 97,298 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 202,118 | 1/4 | 187,169 | 1/4 | 172,163 | 1/4 | 157,129 | 1/4 | 142,094 | 1/4 | 127,060 | 1/4 | 112,025 | 1/4 | 96,985 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 201,807 | 1/2 | 186,857 | 1/2 | 171,850 | 1/2 | 156,816 | 1/2 | 141,781 | 1/2 | 126,746 | 1/2 | 111,712 | 1/2 | 96,671 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 201,497 | 3/4 | 186,545 | 3/4 | 171,537 | 3/4 | 156,502 | 3/4 | 141,468 | 3/4 | 126,433 | 3/4 | 111,398 | 3/4 | 96,358 | | |
| 4 | | 4 | | 4 | 201,187 | 4 | 186,232 | 4 | 171,224 | 4 | 156,189 | 4 | 141,155 | 4 | 126,120 | 4 | 111,085 | 4 | 96,045 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 200,877 | 1/4 | 185,920 | 1/4 | 170,911 | 1/4 | 155,876 | 1/4 | 140,841 | 1/4 | 125,807 | 1/4 | 110,772 | 1/4 | 95,731 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 200,567 | 1/2 | 185,608 | 1/2 | 170,597 | 1/2 | 155,563 | 1/2 | 140,528 | 1/2 | 125,493 | 1/2 | 110,459 | 1/2 | 95,418 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 200,257 | 3/4 | 185,295 | 3/4 | 170,284 | 3/4 | 155,249 | 3/4 | 140,215 | 3/4 | 125,180 | 3/4 | 110,146 | 3/4 | 95,104 | | |
| 5 | | 5 | | 5 | 199,947 | 5 | 184,983 | 5 | 169,971 | 5 | 154,936 | 5 | 139,902 | 5 | 124,867 | 5 | 109,832 | 5 | 94,791 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 199,637 | 1/4 | 184,671 | 1/4 | 169,658 | 1/4 | 154,623 | 1/4 | 139,588 | 1/4 | 124,554 | 1/4 | 109,519 | 1/4 | 94,478 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 199,326 | 1/2 | 184,359 | 1/2 | 169,344 | 1/2 | 154,310 | 1/2 | 139,275 | 1/2 | 124,241 | 1/2 | 109,206 | 1/2 | 94,164 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 199,016 | 3/4 | 184,046 | 3/4 | 169,031 | 3/4 | 153,997 | 3/4 | 138,962 | 3/4 | 123,927 | 3/4 | 108,893 | 3/4 | 93,851 | | |
| 6 | | 6 | | 6 | 198,706 | 6 | 183,734 | 6 | 168,718 | 6 | 153,683 | 6 | 138,649 | 6 | 123,614 | 6 | 108,579 | 6 | 93,538 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 198,396 | 1/4 | 183,422 | 1/4 | 168,405 | 1/4 | 153,370 | 1/4 | 138,336 | 1/4 | 123,301 | 1/4 | 108,266 | 1/4 | 93,224 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 198,086 | 1/2 | 183,109 | 1/2 | 168,092 | 1/2 | 153,057 | 1/2 | 138,022 | 1/2 | 122,988 | 1/2 | 107,953 | 1/2 | 92,911 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 197,776 | 3/4 | 182,797 | 3/4 | 167,778 | 3/4 | 152,744 | 3/4 | 137,709 | 3/4 | 122,674 | 3/4 | 107,639 | 3/4 | 92,597 | | |
| 7 | | 7 | 211,429 | 7 | 197,466 | 7 | 182,485 | 7 | 167,465 | 7 | 152,431 | 7 | 137,396 | 7 | 122,361 | 7 | 107,326 | 7 | 92,284 | | |
| 1/4 | 1/4 | 1/4 | 211,259 | 1/4 | 197,156 | 1/4 | 182,172 | 1/4 | 167,152 | 1/4 | 152,117 | 1/4 | 137,083 | 1/4 | 122,048 | 1/4 | 107,013 | 1/4 | 91,971 | | |
| 1/2 | 1/2 | 1/2 | 211,089 | 1/2 | 196,845 | 1/2 | 181,860 | 1/2 | 166,839 | 1/2 | 151,804 | 1/2 | 136,769 | 1/2 | 121,735 | 1/2 | 106,699 | 1/2 | 91,657 | | |
| 3/4 | 3/4 | 3/4 | 210,874 | 3/4 | 196,534 | 3/4 | 181,548 | 3/4 | 166,525 | 3/4 | 151,491 | 3/4 | 136,456 | 3/4 | 121,422 | 3/4 | 106,386 | 3/4 | 91,344 | | |
| 8 | | 8 | 210,658 | 8 | 196,224 | 8 | 181,235 | 8 | 166,212 | 8 | 151,178 | 8 | 136,143 | 8 | 121,108 | 8 | 106,073 | 8 | 91,031 | | |
| 1/4 | 1/4 | 1/4 | 210,443 | 1/4 | 195,913 | 1/4 | 180,923 | 1/4 | 165,899 | 1/4 | 150,864 | 1/4 | 135,830 | 1/4 | 120,795 | 1/4 | 105,759 | 1/4 | 90,717 | | |
| 1/2 | 1/2 | 1/2 | 210,228 | 1/2 | 195,602 | 1/2 | 180,611 | 1/2 | 165,586 | 1/2 | 150,551 | 1/2 | 135,517 | 1/2 | 120,482 | 1/2 | 105,446 | 1/2 | 90,404 | | |
| 3/4 | 3/4 | 3/4 | 209,968 | 3/4 | 195,289 | 3/4 | 180,299 | 3/4 | 165,273 | 3/4 | 150,238 | 3/4 | 135,203 | 3/4 | 120,169 | 3/4 | 105,132 | 3/4 | 90,090 | | |
| 9 | | 9 | 209,708 | 9 | 194,977 | 9 | 179,986 | 9 | 164,959 | 9 | 149,925 | 9 | 134,890 | 9 | 119,855 | 9 | 104,819 | 9 | 89,777 | | |
| 1/4 | 1/4 | 1/4 | 209,448 | 1/4 | 194,665 | 1/4 | 179,674 | 1/4 | 164,646 | 1/4 | 149,612 | 1/4 | 134,577 | 1/4 | 119,542 | 1/4 | 104,506 | 1/4 | 89,464 | | |
| 1/2 | 1/2 | 1/2 | 209,189 | 1/2 | 194,352 | 1/2 | 179,362 | 1/2 | 164,333 | 1/2 | 149,298 | 1/2 | 134,264 | 1/2 | 119,229 | 1/2 | 104,192 | 1/2 | 89,150 | | |
| 3/4 | 3/4 | 3/4 | 208,893 | 3/4 | 194,040 | 3/4 | 179,049 | 3/4 | 164,020 | 3/4 | 148,985 | 3/4 | 133,950 | 3/4 | 118,916 | 3/4 | 103,879 | 3/4 | 88,837 | | |
| 10 | | 10 | 208,597 | 10 | 193,728 | 10 | 178,737 | 10 | 163,706 | 10 | 148,672 | 10 | 133,637 | 10 | 118,603 | 10 | 103,566 | 10 | 88,524 | | |
| 1/4 | 1/4 | 1/4 | 208,302 | 1/4 | 193,416 | 1/4 | 178,425 | 1/4 | 163,393 | 1/4 | 148,359 | 1/4 | 133,324 | 1/4 | 118,289 | 1/4 | 103,252 | 1/4 | 88,210 | | |
| 1/2 | 1/2 | 1/2 | 208,006 | 1/2 | 193,103 | 1/2 | 178,112 | 1/2 | 163,080 | 1/2 | 148,045 | 1/2 | 133,011 | 1/2 | 117,976 | 1/2 | 102,939 | 1/2 | 87,897 | | |
| 3/4 | 3/4 | 3/4 | 207,697 | 3/4 | 192,791 | 3/4 | 177,800 | 3/4 | 162,767 | 3/4 | 147,732 | 3/4 | 132,698 | 3/4 | 117,663 | 3/4 | 102,625 | 3/4 | 87,584 | | |
| 11 | | 11 | 207,387 | 11 | 192,479 | 11 | 177,487 | 11 | 162,454 | 11 | 147,419 | 11 | 132,384 | 11 | 117,350 | 11 | 102,312 | 11 | 87,270 | | |
| 1/4 | 1/4 | 1/4 | 207,078 | 1/4 | 192,166 | 1/4 | 177,174 | 1/4 | 162,140 | 1/4 | 147,106 | 1/4 | 132,071 | 1/4 | 117,036 | 1/4 | 101,999 | 1/4 | 86,957 | | |
| 1/2 | 1/2 | 1/2 | 206,769 | 1/2 | 191,854 | 1/2 | 176,862 | 1/2 | 161,827 | 1/2 | 146,793 | 1/2 | 131,758 | 1/2 | 116,723 | 1/2 | 101,685 | 1/2 | 86,643 | | |
| 3/4 | 3/4 | 3/4 | 206,459 | 3/4 | 191,542 | 3/4 | 176,549 | 3/4 | 161,514 | 3/4 | 146,479 | 3/4 | 131,445 | 3/4 | 116,410 | 3/4 | 101,372 | 3/4 | 86,330 | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "GBL 3130"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

| 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 | 86,017 | 0 | 70,986 | 0 | 55,954 | 0 | 40,913 | 0 | 25,871 | 0 | 11,257 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 85,703 | 1/4 | 70,673 | 1/4 | 55,641 | 1/4 | 40,600 | 1/4 | 25,558 | 1/4 | 10,972 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 85,390 | 1/2 | 70,361 | 1/2 | 55,328 | 1/2 | 40,286 | 1/2 | 25,245 | 1/2 | 10,687 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 85,077 | 3/4 | 70,048 | 3/4 | 55,014 | 3/4 | 39,973 | 3/4 | 24,931 | 3/4 | 10,406 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 84,763 | 1 | 69,735 | 1 | 54,701 | 1 | 39,659 | 1 | 24,618 | 1 | 10,125 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 84,450 | 1/4 | 69,422 | 1/4 | 54,388 | 1/4 | 39,346 | 1/4 | 24,305 | 1/4 | 9,844 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 84,136 | 1/2 | 69,109 | 1/2 | 54,074 | 1/2 | 39,033 | 1/2 | 23,991 | 1/2 | 9,563 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 83,823 | 3/4 | 68,797 | 3/4 | 53,761 | 3/4 | 38,719 | 3/4 | 23,678 | 3/4 | 9,286 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 83,510 | 2 | 68,484 | 2 | 53,447 | 2 | 38,406 | 2 | 23,364 | 2 | 9,009 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 83,196 | 1/4 | 68,171 | 1/4 | 53,134 | 1/4 | 38,093 | 1/4 | 23,051 | 1/4 | 8,732 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 82,883 | 1/2 | 67,858 | 1/2 | 52,821 | 1/2 | 37,779 | 1/2 | 22,738 | 1/2 | 8,455 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 82,570 | 3/4 | 67,545 | 3/4 | 52,507 | 3/4 | 37,466 | 3/4 | 22,424 | 3/4 | 8,182 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 82,256 | 3 | 67,233 | 3 | 52,194 | 3 | 37,153 | 3 | 22,111 | 3 | 7,908 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 81,943 | 1/4 | 66,920 | 1/4 | 51,881 | 1/4 | 36,839 | 1/4 | 21,798 | 1/4 | 7,635 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 81,629 | 1/2 | 66,607 | 1/2 | 51,567 | 1/2 | 36,526 | 1/2 | 21,484 | 1/2 | 7,362 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 81,316 | 3/4 | 66,294 | 3/4 | 51,254 | 3/4 | 36,212 | 3/4 | 21,171 | 3/4 | 7,093 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 81,003 | 4 | 65,981 | 4 | 50,941 | 4 | 35,899 | 4 | 20,858 | 4 | 6,823 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 80,689 | 1/4 | 65,668 | 1/4 | 50,627 | 1/4 | 35,586 | 1/4 | 20,545 | 1/4 | 6,554 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 80,376 | 1/2 | 65,355 | 1/2 | 50,314 | 1/2 | 35,272 | 1/2 | 20,232 | 1/2 | 6,285 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 80,063 | 3/4 | 65,042 | 3/4 | 50,000 | 3/4 | 34,959 | 3/4 | 19,921 | 3/4 | 6,019 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 79,749 | 5 | 64,728 | 5 | 49,687 | 5 | 34,646 | 5 | 19,610 | 5 | 5,754 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 79,436 | 1/4 | 64,415 | 1/4 | 49,374 | 1/4 | 34,332 | 1/4 | 19,298 | 1/4 | 5,488 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 79,122 | 1/2 | 64,102 | 1/2 | 49,060 | 1/2 | 34,019 | 1/2 | 18,987 | 1/2 | 5,223 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 78,809 | 3/4 | 63,789 | 3/4 | 48,747 | 3/4 | 33,705 | 3/4 | 18,679 | 3/4 | 4,961 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 78,496 | 6 | 63,475 | 6 | 48,434 | 6 | 33,392 | 6 | 18,371 | 6 | 4,700 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 78,182 | 1/4 | 63,162 | 1/4 | 48,120 | 1/4 | 33,079 | 1/4 | 18,063 | 1/4 | 4,438 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 77,869 | 1/2 | 62,848 | 1/2 | 47,807 | 1/2 | 32,765 | 1/2 | 17,755 | 1/2 | 4,177 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 77,556 | 3/4 | 62,535 | 3/4 | 47,494 | 3/4 | 32,452 | 3/4 | 17,451 | 3/4 | 3,919 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 77,243 | 7 | 62,222 | 7 | 47,180 | 7 | 32,139 | 7 | 17,147 | 7 | 3,662 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 76,930 | 1/4 | 61,908 | 1/4 | 46,867 | 1/4 | 31,825 | 1/4 | 16,842 | 1/4 | 3,404 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,617 | 1/2 | 61,595 | 1/2 | 46,553 | 1/2 | 31,512 | 1/2 | 16,538 | 1/2 | 3,146 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,304 | 3/4 | 61,282 | 3/4 | 46,240 | 3/4 | 31,199 | 3/4 | 16,238 | 3/4 | 2,893 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 75,991 | 8 | 60,968 | 8 | 45,927 | 8 | 30,885 | 8 | 15,938 | 8 | 2,640 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 75,678 | 1/4 | 60,655 | 1/4 | 45,613 | 1/4 | 30,572 | 1/4 | 15,637 | 1/4 | 2,387 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,365 | 1/2 | 60,342 | 1/2 | 45,300 | 1/2 | 30,258 | 1/2 | 15,337 | 1/2 | 2,135 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,053 | 3/4 | 60,028 | 3/4 | 44,987 | 3/4 | 29,945 | 3/4 | 15,041 | 3/4 | 1,905 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 74,740 | 9 | 59,715 | 9 | 44,673 | 9 | 29,632 | 9 | 14,744 | 9 | 1,676 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 74,427 | 1/4 | 59,401 | 1/4 | 44,360 | 1/4 | 29,318 | 1/4 | 14,448 | 1/4 | 1,446 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,114 | 1/2 | 59,088 | 1/2 | 44,047 | 1/2 | 29,005 | 1/2 | 14,151 | 1/2 | 1,217 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,801 | 3/4 | 58,775 | 3/4 | 43,733 | 3/4 | 28,692 | 3/4 | 13,859 | 3/4 | 1,049 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 73,489 | 10 | 58,461 | 10 | 43,420 | 10 | 28,378 | 10 | 13,566 | 10 | 881 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 73,176 | 1/4 | 58,148 | 1/4 | 43,106 | 1/4 | 28,065 | 1/4 | 13,274 | 1/4 | 713 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 72,863 | 1/2 | 57,835 | 1/2 | 42,793 | 1/2 | 27,752 | 1/2 | 12,981 | 1/2 | 544 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 72,550 | 3/4 | 57,521 | 3/4 | 42,480 | 3/4 | 27,438 | 3/4 | 12,692 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 72,237 | 11 | 57,208 | 11 | 42,166 | 11 | 27,125 | 11 | 12,404 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 71,925 | 1/4 | 56,894 | 1/4 | 41,853 | 1/4 | 26,811 | 1/4 | 12,115 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 71,612 | 1/2 | 56,581 | 1/2 | 41,540 | 1/2 | 26,498 | 1/2 | 11,826 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 71,299 | 3/4 | 56,268 | 3/4 | 41,226 | 3/4 | 26,185 | 3/4 | 11,541 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/24/2012 CL - SW
CALCULATED: 09/24/2012 CL
PRINTED: 09/24/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2012

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



BARGE "GBL 3130"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

| 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 | | 0 | | 0 | 206,688 | 0 | 191,773 | 0 | 176,781 | 0 | 161,746 | 0 | 146,712 | 0 | 131,677 | 0 | 116,643 | 0 | 101,605 |
| 1/4 | | 1/4 | | 1/4 | 206,378 | 1/4 | 191,461 | 1/4 | 176,468 | 1/4 | 161,433 | 1/4 | 146,399 | 1/4 | 131,364 | 1/4 | 116,329 | 1/4 | 101,291 |
| 1/2 | | 1/2 | | 1/2 | 206,068 | 1/2 | 191,149 | 1/2 | 176,155 | 1/2 | 161,120 | 1/2 | 146,085 | 1/2 | 131,051 | 1/2 | 116,016 | 1/2 | 100,978 |
| 3/4 | | 3/4 | | 3/4 | 205,758 | 3/4 | 190,836 | 3/4 | 175,841 | 3/4 | 160,807 | 3/4 | 145,772 | 3/4 | 130,737 | 3/4 | 115,703 | 3/4 | 100,664 |
| 1 | | 1 | | 1 | 205,448 | 1 | 190,524 | 1 | 175,528 | 1 | 160,494 | 1 | 145,459 | 1 | 130,424 | 1 | 115,390 | 1 | 100,351 |
| 1/4 | | 1/4 | | 1/4 | 205,138 | 1/4 | 190,212 | 1/4 | 175,215 | 1/4 | 160,180 | 1/4 | 145,146 | 1/4 | 130,111 | 1/4 | 115,076 | 1/4 | 100,038 |
| 1/2 | | 1/2 | | 1/2 | 204,828 | 1/2 | 189,899 | 1/2 | 174,902 | 1/2 | 159,867 | 1/2 | 144,832 | 1/2 | 129,798 | 1/2 | 114,763 | 1/2 | 99,724 |
| 3/4 | | 3/4 | | 3/4 | 204,518 | 3/4 | 189,587 | 3/4 | 174,589 | 3/4 | 159,554 | 3/4 | 144,519 | 3/4 | 129,485 | 3/4 | 114,450 | 3/4 | 99,411 |
| 2 | | 2 | | 2 | 204,208 | 2 | 189,275 | 2 | 174,275 | 2 | 159,241 | 2 | 144,206 | 2 | 129,171 | 2 | 114,137 | 2 | 99,098 |
| 1/4 | | 1/4 | | 1/4 | 203,897 | 1/4 | 188,962 | 1/4 | 173,962 | 1/4 | 158,927 | 1/4 | 143,893 | 1/4 | 128,858 | 1/4 | 113,824 | 1/4 | 98,784 |
| 1/2 | | 1/2 | | 1/2 | 203,587 | 1/2 | 188,650 | 1/2 | 173,649 | 1/2 | 158,614 | 1/2 | 143,580 | 1/2 | 128,545 | 1/2 | 113,510 | 1/2 | 98,471 |
| 3/4 | | 3/4 | | 3/4 | 203,277 | 3/4 | 188,338 | 3/4 | 173,336 | 3/4 | 158,301 | 3/4 | 143,266 | 3/4 | 128,232 | 3/4 | 113,197 | 3/4 | 98,157 |
| 3 | | 3 | | 3 | 202,967 | 3 | 188,026 | 3 | 173,022 | 3 | 157,988 | 3 | 142,953 | 3 | 127,919 | 3 | 112,884 | 3 | 97,844 |
| 1/4 | | 1/4 | | 1/4 | 202,657 | 1/4 | 187,713 | 1/4 | 172,709 | 1/4 | 157,675 | 1/4 | 142,640 | 1/4 | 127,605 | 1/4 | 112,571 | 1/4 | 97,531 |
| 1/2 | | 1/2 | | 1/2 | 202,347 | 1/2 | 187,401 | 1/2 | 172,396 | 1/2 | 157,361 | 1/2 | 142,327 | 1/2 | 127,292 | 1/2 | 112,257 | 1/2 | 97,217 |
| 3/4 | | 3/4 | | 3/4 | 202,037 | 3/4 | 187,089 | 3/4 | 172,083 | 3/4 | 157,048 | 3/4 | 142,013 | 3/4 | 126,979 | 3/4 | 111,944 | 3/4 | 96,904 |
| 4 | | 4 | | 4 | 201,727 | 4 | 186,776 | 4 | 171,770 | 4 | 156,735 | 4 | 141,700 | 4 | 126,666 | 4 | 111,631 | 4 | 96,591 |
| 1/4 | | 1/4 | | 1/4 | 201,416 | 1/4 | 186,464 | 1/4 | 171,456 | 1/4 | 156,422 | 1/4 | 141,387 | 1/4 | 126,352 | 1/4 | 111,318 | 1/4 | 96,277 |
| 1/2 | | 1/2 | | 1/2 | 201,106 | 1/2 | 186,152 | 1/2 | 171,143 | 1/2 | 156,108 | 1/2 | 141,074 | 1/2 | 126,039 | 1/2 | 111,005 | 1/2 | 95,964 |
| 3/4 | | 3/4 | | 3/4 | 200,796 | 3/4 | 185,839 | 3/4 | 170,830 | 3/4 | 155,795 | 3/4 | 140,761 | 3/4 | 125,726 | 3/4 | 110,691 | 3/4 | 95,651 |
| 5 | | 5 | | 5 | 200,486 | 5 | 185,527 | 5 | 170,517 | 5 | 155,482 | 5 | 140,447 | 5 | 125,413 | 5 | 110,378 | 5 | 95,337 |
| 1/4 | | 1/4 | | 1/4 | 200,176 | 1/4 | 185,215 | 1/4 | 170,203 | 1/4 | 155,169 | 1/4 | 140,134 | 1/4 | 125,100 | 1/4 | 110,065 | 1/4 | 95,024 |
| 1/2 | | 1/2 | | 1/2 | 199,866 | 1/2 | 184,902 | 1/2 | 169,890 | 1/2 | 154,856 | 1/2 | 139,821 | 1/2 | 124,786 | 1/2 | 109,752 | 1/2 | 94,710 |
| 3/4 | | 3/4 | | 3/4 | 199,556 | 3/4 | 184,590 | 3/4 | 169,577 | 3/4 | 154,542 | 3/4 | 139,508 | 3/4 | 124,473 | 3/4 | 109,438 | 3/4 | 94,397 |
| 6 | | 6 | | 6 | 199,246 | 6 | 184,278 | 6 | 169,264 | 6 | 154,229 | 6 | 139,194 | 6 | 124,160 | 6 | 109,125 | 6 | 94,084 |
| 1/4 | | 1/4 | | 1/4 | 198,936 | 1/4 | 183,965 | 1/4 | 168,951 | 1/4 | 153,916 | 1/4 | 138,881 | 1/4 | 123,847 | 1/4 | 108,812 | 1/4 | 93,770 |
| 1/2 | | 1/2 | | 1/2 | 198,625 | 1/2 | 183,653 | 1/2 | 168,637 | 1/2 | 153,603 | 1/2 | 138,568 | 1/2 | 123,533 | 1/2 | 108,499 | 1/2 | 93,457 |
| 3/4 | | 3/4 | | 3/4 | 198,315 | 3/4 | 183,341 | 3/4 | 168,324 | 3/4 | 153,289 | 3/4 | 138,255 | 3/4 | 123,220 | 3/4 | 108,185 | 3/4 | 93,144 |
| 7 | | 7 | | 7 | 198,005 | 7 | 183,029 | 7 | 168,011 | 7 | 152,976 | 7 | 137,942 | 7 | 122,907 | 7 | 107,872 | 7 | 92,830 |
| 1/4 | | 1/4 | | 1/4 | 197,695 | 1/4 | 182,716 | 1/4 | 167,698 | 1/4 | 152,663 | 1/4 | 137,628 | 1/4 | 122,594 | 1/4 | 107,559 | 1/4 | 92,517 |
| 1/2 | | 1/2 | | 1/2 | 211,349 | 1/2 | 197,385 | 1/2 | 182,404 | 1/2 | 167,384 | 1/2 | 152,350 | 1/2 | 137,315 | 1/2 | 122,281 | 1/2 | 107,245 |
| 3/4 | | 3/4 | | 3/4 | 211,178 | 3/4 | 197,075 | 3/4 | 182,092 | 3/4 | 167,071 | 3/4 | 152,037 | 3/4 | 137,002 | 3/4 | 121,967 | 3/4 | 106,931 |
| 8 | | 8 | | 8 | 211,008 | 8 | 196,765 | 8 | 181,779 | 8 | 166,758 | 8 | 151,723 | 8 | 136,689 | 8 | 121,654 | 8 | 106,619 |
| 1/4 | | 1/4 | | 1/4 | 210,793 | 1/4 | 196,454 | 1/4 | 181,467 | 1/4 | 166,445 | 1/4 | 151,410 | 1/4 | 136,375 | 1/4 | 121,341 | 1/4 | 106,305 |
| 1/2 | | 1/2 | | 1/2 | 210,578 | 1/2 | 196,143 | 1/2 | 181,155 | 1/2 | 166,132 | 1/2 | 151,097 | 1/2 | 136,062 | 1/2 | 121,028 | 1/2 | 105,992 |
| 3/4 | | 3/4 | | 3/4 | 210,362 | 3/4 | 195,832 | 3/4 | 180,842 | 3/4 | 165,818 | 3/4 | 150,784 | 3/4 | 135,749 | 3/4 | 120,714 | 3/4 | 105,678 |
| 9 | | 9 | | 9 | 210,147 | 9 | 195,521 | 9 | 180,530 | 9 | 165,505 | 9 | 150,470 | 9 | 135,436 | 9 | 120,401 | 9 | 105,365 |
| 1/4 | | 1/4 | | 1/4 | 209,887 | 1/4 | 195,209 | 1/4 | 180,218 | 1/4 | 165,192 | 1/4 | 150,157 | 1/4 | 135,123 | 1/4 | 120,088 | 1/4 | 105,052 |
| 1/2 | | 1/2 | | 1/2 | 209,628 | 1/2 | 194,896 | 1/2 | 179,905 | 1/2 | 164,879 | 1/2 | 149,844 | 1/2 | 134,809 | 1/2 | 119,775 | 1/2 | 104,738 |
| 3/4 | | 3/4 | | 3/4 | 209,368 | 3/4 | 194,584 | 3/4 | 179,593 | 3/4 | 164,565 | 3/4 | 149,531 | 3/4 | 134,496 | 3/4 | 119,462 | 3/4 | 104,425 |
| 10 | | 10 | | 10 | 209,108 | 10 | 194,272 | 10 | 179,281 | 10 | 164,252 | 10 | 149,218 | 10 | 134,183 | 10 | 119,148 | 10 | 104,112 |
| 1/4 | | 1/4 | | 1/4 | 208,812 | 1/4 | 193,959 | 1/4 | 178,969 | 1/4 | 163,939 | 1/4 | 148,904 | 1/4 | 133,870 | 1/4 | 118,835 | 1/4 | 103,798 |
| 1/2 | | 1/2 | | 1/2 | 208,516 | 1/2 | 193,647 | 1/2 | 178,656 | 1/2 | 163,626 | 1/2 | 148,591 | 1/2 | 133,556 | 1/2 | 118,522 | 1/2 | 103,485 |
| 3/4 | | 3/4 | | 3/4 | 208,221 | 3/4 | 193,335 | 3/4 | 178,344 | 3/4 | 163,313 | 3/4 | 148,278 | 3/4 | 133,243 | 3/4 | 118,209 | 3/4 | 103,171 |
| 11 | | 11 | | 11 | 207,925 | 11 | 193,022 | 11 | 178,032 | 11 | 162,999 | 11 | 147,965 | 11 | 132,930 | 11 | 117,895 | 11 | 102,858 |
| 1/4 | | 1/4 | | 1/4 | 207,616 | 1/4 | 192,710 | 1/4 | 177,719 | 1/4 | 162,686 | 1/4 | 147,651 | 1/4 | 132,617 | 1/4 | 117,582 | 1/4 | 102,545 |
| 1/2 | | 1/2 | | 1/2 | 207,307 | 1/2 | 192,398 | 1/2 | 177,406 | 1/2 | 162,373 | 1/2 | 147,338 | 1/2 | 132,304 | 1/2 | 117,269 | 1/2 | 102,231 |
| 3/4 | | 3/4 | | 3/4 | 206,997 | 3/4 | 192,086 | 3/4 | 177,094 | 3/4 | 162,060 | 3/4 | 147,025 | 3/4 | 131,990 | 3/4 | 116,956 | 3/4 | 101,918 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "GBL 3130"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

| 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 | 86,563 | 0 | 71,568 | 0 | 56,580 | 0 | 41,538 | 0 | 26,497 | 0 | 11,825 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 86,249 | 1/4 | 71,257 | 1/4 | 56,267 | 1/4 | 41,225 | 1/4 | 26,184 | 1/4 | 11,540 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 85,936 | 1/2 | 70,946 | 1/2 | 55,953 | 1/2 | 40,912 | 1/2 | 25,870 | 1/2 | 11,256 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 85,623 | 3/4 | 70,635 | 3/4 | 55,640 | 3/4 | 40,598 | 3/4 | 25,557 | 3/4 | 10,971 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 85,309 | 1 | 70,324 | 1 | 55,326 | 1 | 40,285 | 1 | 25,243 | 1 | 10,686 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 84,996 | 1/4 | 70,013 | 1/4 | 55,013 | 1/4 | 39,972 | 1/4 | 24,930 | 1/4 | 10,405 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 84,682 | 1/2 | 69,702 | 1/2 | 54,700 | 1/2 | 39,658 | 1/2 | 24,617 | 1/2 | 10,124 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 84,369 | 3/4 | 69,391 | 3/4 | 54,386 | 3/4 | 39,345 | 3/4 | 24,303 | 3/4 | 9,843 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 84,056 | 2 | 69,080 | 2 | 54,073 | 2 | 39,031 | 2 | 23,990 | 2 | 9,562 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 83,742 | 1/4 | 68,769 | 1/4 | 53,760 | 1/4 | 38,718 | 1/4 | 23,677 | 1/4 | 9,285 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 83,429 | 1/2 | 68,458 | 1/2 | 53,446 | 1/2 | 38,405 | 1/2 | 23,363 | 1/2 | 9,008 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 83,116 | 3/4 | 68,147 | 3/4 | 53,133 | 3/4 | 38,091 | 3/4 | 23,050 | 3/4 | 8,731 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 82,802 | 3 | 67,836 | 3 | 52,820 | 3 | 37,778 | 3 | 22,737 | 3 | 8,454 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 82,489 | 1/4 | 67,525 | 1/4 | 52,506 | 1/4 | 37,465 | 1/4 | 22,423 | 1/4 | 8,181 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 82,175 | 1/2 | 67,214 | 1/2 | 52,193 | 1/2 | 37,151 | 1/2 | 22,110 | 1/2 | 7,908 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 81,862 | 3/4 | 66,903 | 3/4 | 51,879 | 3/4 | 36,838 | 3/4 | 21,796 | 3/4 | 7,634 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 81,549 | 4 | 66,592 | 4 | 51,566 | 4 | 36,525 | 4 | 21,483 | 4 | 7,361 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 81,235 | 1/4 | 66,280 | 1/4 | 51,253 | 1/4 | 36,211 | 1/4 | 21,170 | 1/4 | 7,092 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 80,922 | 1/2 | 65,969 | 1/2 | 50,939 | 1/2 | 35,898 | 1/2 | 20,857 | 1/2 | 6,823 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 80,609 | 3/4 | 65,657 | 3/4 | 50,626 | 3/4 | 35,584 | 3/4 | 20,544 | 3/4 | 6,553 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 80,295 | 5 | 65,345 | 5 | 50,313 | 5 | 35,271 | 5 | 20,231 | 5 | 6,284 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 79,982 | 1/4 | 65,033 | 1/4 | 49,999 | 1/4 | 34,958 | 1/4 | 19,920 | 1/4 | 6,019 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 79,668 | 1/2 | 64,721 | 1/2 | 49,686 | 1/2 | 34,644 | 1/2 | 19,608 | 1/2 | 5,753 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,355 | 3/4 | 64,409 | 3/4 | 49,373 | 3/4 | 34,331 | 3/4 | 19,297 | 3/4 | 5,488 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 79,042 | 6 | 64,096 | 6 | 49,059 | 6 | 34,018 | 6 | 18,986 | 6 | 5,222 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 78,729 | 1/4 | 63,784 | 1/4 | 48,746 | 1/4 | 33,704 | 1/4 | 18,678 | 1/4 | 4,961 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 78,416 | 1/2 | 63,471 | 1/2 | 48,432 | 1/2 | 33,391 | 1/2 | 18,370 | 1/2 | 4,699 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 78,103 | 3/4 | 63,159 | 3/4 | 48,119 | 3/4 | 33,078 | 3/4 | 18,062 | 3/4 | 4,438 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 77,790 | 7 | 62,846 | 7 | 47,806 | 7 | 32,764 | 7 | 17,754 | 7 | 4,176 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 77,479 | 1/4 | 62,533 | 1/4 | 47,492 | 1/4 | 32,451 | 1/4 | 17,449 | 1/4 | 3,919 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 77,167 | 1/2 | 62,220 | 1/2 | 47,179 | 1/2 | 32,137 | 1/2 | 17,145 | 1/2 | 3,661 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,856 | 3/4 | 61,907 | 3/4 | 46,866 | 3/4 | 31,824 | 3/4 | 16,841 | 3/4 | 3,404 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 76,544 | 8 | 61,594 | 8 | 46,552 | 8 | 31,511 | 8 | 16,537 | 8 | 3,146 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 76,233 | 1/4 | 61,280 | 1/4 | 46,239 | 1/4 | 31,197 | 1/4 | 16,237 | 1/4 | 2,893 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,922 | 1/2 | 60,967 | 1/2 | 45,926 | 1/2 | 30,884 | 1/2 | 15,936 | 1/2 | 2,640 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,611 | 3/4 | 60,654 | 3/4 | 45,612 | 3/4 | 30,571 | 3/4 | 15,636 | 3/4 | 2,387 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 75,300 | 9 | 60,340 | 9 | 45,299 | 9 | 30,257 | 9 | 15,336 | 9 | 2,134 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 74,989 | 1/4 | 60,027 | 1/4 | 44,985 | 1/4 | 29,944 | 1/4 | 15,039 | 1/4 | 1,905 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,678 | 1/2 | 59,714 | 1/2 | 44,672 | 1/2 | 29,631 | 1/2 | 14,743 | 1/2 | 1,675 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,367 | 3/4 | 59,400 | 3/4 | 44,359 | 3/4 | 29,317 | 3/4 | 14,447 | 3/4 | 1,446 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 74,056 | 10 | 59,087 | 10 | 44,045 | 10 | 29,004 | 10 | 14,150 | 10 | 1,217 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 73,745 | 1/4 | 58,773 | 1/4 | 43,732 | 1/4 | 28,690 | 1/4 | 13,858 | 1/4 | 1,049 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,434 | 1/2 | 58,460 | 1/2 | 43,419 | 1/2 | 28,377 | 1/2 | 13,565 | 1/2 | 881 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,123 | 3/4 | 58,147 | 3/4 | 43,105 | 3/4 | 28,064 | 3/4 | 13,272 | 3/4 | 712 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 72,812 | 11 | 57,833 | 11 | 42,792 | 11 | 27,750 | 11 | 12,980 | 11 | 544 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 72,501 | 1/4 | 57,520 | 1/4 | 42,479 | 1/4 | 27,437 | 1/4 | 12,691 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 72,190 | 1/2 | 57,207 | 1/2 | 42,165 | 1/2 | 27,124 | 1/2 | 12,403 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 71,879 | 3/4 | 56,893 | 3/4 | 41,852 | 3/4 | 26,810 | 3/4 | 12,114 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/24/2012 CL - SW
CALCULATED: 09/24/2012 CL
PRINTED: 09/24/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2012

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



BARGE "GBL 3130"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

| 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 | |
| 0 | | 0 | | 0 | 209,862 | 0 | 194,905 | 0 | 179,870 | 0 | 164,794 | 0 | 149,717 | 0 | 134,641 | 0 | 119,564 | 0 | 104,484 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 209,551 | 1/4 | 194,591 | 1/4 | 179,556 | 1/4 | 164,480 | 1/4 | 149,403 | 1/4 | 134,327 | 1/4 | 119,250 | 1/4 | 104,170 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 209,240 | 1/2 | 194,278 | 1/2 | 179,242 | 1/2 | 164,166 | 1/2 | 149,089 | 1/2 | 134,012 | 1/2 | 118,936 | 1/2 | 103,856 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 208,929 | 3/4 | 193,965 | 3/4 | 178,928 | 3/4 | 163,852 | 3/4 | 148,775 | 3/4 | 133,698 | 3/4 | 118,622 | 3/4 | 103,541 |
| 1 | | 1 | | 1 | 208,618 | 1 | 193,652 | 1 | 178,614 | 1 | 163,537 | 1 | 148,461 | 1 | 133,384 | 1 | 118,308 | 1 | 103,227 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 208,307 | 1/4 | 193,339 | 1/4 | 178,300 | 1/4 | 163,223 | 1/4 | 148,147 | 1/4 | 133,070 | 1/4 | 117,994 | 1/4 | 102,913 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 207,996 | 1/2 | 193,026 | 1/2 | 177,986 | 1/2 | 162,909 | 1/2 | 147,833 | 1/2 | 132,756 | 1/2 | 117,679 | 1/2 | 102,599 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 207,685 | 3/4 | 192,712 | 3/4 | 177,672 | 3/4 | 162,595 | 3/4 | 147,519 | 3/4 | 132,442 | 3/4 | 117,365 | 3/4 | 102,284 |
| 2 | | 2 | | 2 | 207,374 | 2 | 192,399 | 2 | 177,358 | 2 | 162,281 | 2 | 147,204 | 2 | 132,128 | 2 | 117,051 | 2 | 101,970 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 207,063 | 1/4 | 192,086 | 1/4 | 177,044 | 1/4 | 161,967 | 1/4 | 146,890 | 1/4 | 131,814 | 1/4 | 116,737 | 1/4 | 101,656 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 206,752 | 1/2 | 191,773 | 1/2 | 176,730 | 1/2 | 161,653 | 1/2 | 146,576 | 1/2 | 131,500 | 1/2 | 116,423 | 1/2 | 101,342 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 206,441 | 3/4 | 191,460 | 3/4 | 176,415 | 3/4 | 161,339 | 3/4 | 146,262 | 3/4 | 131,186 | 3/4 | 116,109 | 3/4 | 101,027 |
| 3 | | 3 | | 3 | 206,130 | 3 | 191,146 | 3 | 176,101 | 3 | 161,025 | 3 | 145,948 | 3 | 130,871 | 3 | 115,795 | 3 | 100,713 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 205,819 | 1/4 | 190,833 | 1/4 | 175,787 | 1/4 | 160,711 | 1/4 | 145,634 | 1/4 | 130,557 | 1/4 | 115,481 | 1/4 | 100,399 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 205,508 | 1/2 | 190,520 | 1/2 | 175,473 | 1/2 | 160,397 | 1/2 | 145,320 | 1/2 | 130,243 | 1/2 | 115,167 | 1/2 | 100,085 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 205,197 | 3/4 | 190,207 | 3/4 | 175,159 | 3/4 | 160,082 | 3/4 | 145,006 | 3/4 | 129,929 | 3/4 | 114,853 | 3/4 | 99,770 |
| 4 | | 4 | | 4 | 204,886 | 4 | 189,894 | 4 | 174,845 | 4 | 159,768 | 4 | 144,692 | 4 | 129,615 | 4 | 114,539 | 4 | 99,456 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 204,575 | 1/4 | 189,581 | 1/4 | 174,531 | 1/4 | 159,454 | 1/4 | 144,378 | 1/4 | 129,301 | 1/4 | 114,224 | 1/4 | 99,142 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 204,264 | 1/2 | 189,267 | 1/2 | 174,217 | 1/2 | 159,140 | 1/2 | 144,064 | 1/2 | 128,987 | 1/2 | 113,910 | 1/2 | 98,828 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 203,953 | 3/4 | 188,954 | 3/4 | 173,903 | 3/4 | 158,826 | 3/4 | 143,749 | 3/4 | 128,673 | 3/4 | 113,596 | 3/4 | 98,513 |
| 5 | | 5 | | 5 | 203,642 | 5 | 188,641 | 5 | 173,589 | 5 | 158,512 | 5 | 143,435 | 5 | 128,359 | 5 | 113,282 | 5 | 98,199 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 203,331 | 1/4 | 188,328 | 1/4 | 173,274 | 1/4 | 158,198 | 1/4 | 143,121 | 1/4 | 128,045 | 1/4 | 112,968 | 1/4 | 97,885 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 203,020 | 1/2 | 188,015 | 1/2 | 172,960 | 1/2 | 157,884 | 1/2 | 142,807 | 1/2 | 127,731 | 1/2 | 112,654 | 1/2 | 97,571 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 202,709 | 3/4 | 187,701 | 3/4 | 172,646 | 3/4 | 157,570 | 3/4 | 142,493 | 3/4 | 127,416 | 3/4 | 112,340 | 3/4 | 97,256 |
| 6 | | 6 | | 6 | 202,398 | 6 | 187,388 | 6 | 172,332 | 6 | 157,256 | 6 | 142,179 | 6 | 127,102 | 6 | 112,026 | 6 | 96,942 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 202,087 | 1/4 | 187,075 | 1/4 | 172,018 | 1/4 | 156,941 | 1/4 | 141,865 | 1/4 | 126,788 | 1/4 | 111,712 | 1/4 | 96,628 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 201,776 | 1/2 | 186,762 | 1/2 | 171,704 | 1/2 | 156,627 | 1/2 | 141,551 | 1/2 | 126,474 | 1/2 | 111,397 | 1/2 | 96,314 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 201,465 | 3/4 | 186,449 | 3/4 | 171,390 | 3/4 | 156,313 | 3/4 | 141,237 | 3/4 | 126,160 | 3/4 | 111,083 | 3/4 | 95,999 |
| 7 | | 7 | | 7 | 201,154 | 7 | 186,136 | 7 | 171,076 | 7 | 155,999 | 7 | 140,923 | 7 | 125,846 | 7 | 110,769 | 7 | 95,685 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 200,843 | 1/4 | 185,822 | 1/4 | 170,762 | 1/4 | 155,685 | 1/4 | 140,608 | 1/4 | 125,532 | 1/4 | 110,455 | 1/4 | 95,371 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 214,535 | 1/2 | 200,532 | 1/2 | 185,509 | 1/2 | 170,448 | 1/2 | 155,371 | 1/2 | 140,294 | 1/2 | 125,218 | 1/2 | 110,141 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 214,364 | 3/4 | 200,221 | 3/4 | 185,196 | 3/4 | 170,133 | 3/4 | 155,057 | 3/4 | 139,980 | 3/4 | 124,904 | 3/4 | 109,826 |
| 8 | | 8 | | 8 | 214,193 | 8 | 199,910 | 8 | 184,883 | 8 | 169,819 | 8 | 154,743 | 8 | 139,666 | 8 | 124,590 | 8 | 109,512 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 213,977 | 1/4 | 199,598 | 1/4 | 184,570 | 1/4 | 169,505 | 1/4 | 154,429 | 1/4 | 139,352 | 1/4 | 124,275 | 1/4 | 109,198 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 213,762 | 1/2 | 199,286 | 1/2 | 184,256 | 1/2 | 169,191 | 1/2 | 154,115 | 1/2 | 139,038 | 1/2 | 123,961 | 1/2 | 108,884 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 213,546 | 3/4 | 198,975 | 3/4 | 183,943 | 3/4 | 168,877 | 3/4 | 153,801 | 3/4 | 138,724 | 3/4 | 123,647 | 3/4 | 108,569 |
| 9 | | 9 | | 9 | 213,330 | 9 | 198,663 | 9 | 183,630 | 9 | 168,563 | 9 | 153,486 | 9 | 138,410 | 9 | 123,333 | 9 | 108,255 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 213,070 | 1/4 | 198,350 | 1/4 | 183,317 | 1/4 | 168,249 | 1/4 | 153,172 | 1/4 | 138,096 | 1/4 | 123,019 | 1/4 | 107,941 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 212,809 | 1/2 | 198,036 | 1/2 | 183,004 | 1/2 | 167,935 | 1/2 | 152,858 | 1/2 | 137,782 | 1/2 | 122,705 | 1/2 | 107,627 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 212,548 | 3/4 | 197,723 | 3/4 | 182,691 | 3/4 | 167,621 | 3/4 | 152,544 | 3/4 | 137,468 | 3/4 | 122,391 | 3/4 | 107,312 |
| 10 | | 10 | | 10 | 212,288 | 10 | 197,410 | 10 | 182,377 | 10 | 167,307 | 10 | 152,230 | 10 | 137,153 | 10 | 122,077 | 10 | 106,998 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 211,991 | 1/4 | 197,097 | 1/4 | 182,064 | 1/4 | 166,993 | 1/4 | 151,916 | 1/4 | 136,839 | 1/4 | 121,763 | 1/4 | 106,684 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 211,695 | 1/2 | 196,784 | 1/2 | 181,751 | 1/2 | 166,678 | 1/2 | 151,602 | 1/2 | 136,525 | 1/2 | 121,449 | 1/2 | 106,370 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 211,398 | 3/4 | 196,471 | 3/4 | 181,438 | 3/4 | 166,364 | 3/4 | 151,288 | 3/4 | 136,211 | 3/4 | 121,135 | 3/4 | 106,055 |
| 11 | | 11 | | 11 | 211,102 | 11 | 196,157 | 11 | 181,125 | 11 | 166,050 | 11 | 150,974 | 11 | 135,897 | 11 | 120,820 | 11 | 105,741 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 210,792 | 1/4 | 195,844 | 1/4 | 180,811 | 1/4 | 165,736 | 1/4 | 150,660 | 1/4 | 135,583 | 1/4 | 120,506 | 1/4 | 105,427 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 210,482 | 1/2 | 195,531 | 1/2 | 180,498 | 1/2 | 165,422 | 1/2 | 150,345 | 1/2 | 135,269 | 1/2 | 120,192 | 1/2 | 105,113 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 210,172 | 3/4 | 195,218 | 3/4 | 180,184 | 3/4 | 165,108 | 3/4 | 150,031 | 3/4 | 134,955 | 3/4 | 119,878 | 3/4 | 104,798 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "GBL 3130"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

| 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 | 89,400 | 0 | 74,316 | 0 | 59,232 | 0 | 44,158 | 0 | 29,087 | 0 | 14,004 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 89,086 | 1/4 | 74,002 | 1/4 | 58,918 | 1/4 | 43,844 | 1/4 | 28,773 | 1/4 | 13,689 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 88,772 | 1/2 | 73,688 | 1/2 | 58,604 | 1/2 | 43,531 | 1/2 | 28,459 | 1/2 | 13,375 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 88,457 | 3/4 | 73,374 | 3/4 | 58,290 | 3/4 | 43,217 | 3/4 | 28,145 | 3/4 | 13,061 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 88,143 | 1 | 73,059 | 1 | 57,975 | 1 | 42,904 | 1 | 27,830 | 1 | 12,747 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 87,829 | 1/4 | 72,745 | 1/4 | 57,661 | 1/4 | 42,590 | 1/4 | 27,516 | 1/4 | 12,433 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 87,515 | 1/2 | 72,431 | 1/2 | 57,347 | 1/2 | 42,276 | 1/2 | 27,202 | 1/2 | 12,118 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 87,200 | 3/4 | 72,117 | 3/4 | 57,033 | 3/4 | 41,963 | 3/4 | 26,888 | 3/4 | 11,804 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 86,886 | 2 | 71,802 | 2 | 56,718 | 2 | 41,649 | 2 | 26,573 | 2 | 11,490 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 86,572 | 1/4 | 71,488 | 1/4 | 56,404 | 1/4 | 41,335 | 1/4 | 26,259 | 1/4 | 11,176 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 86,258 | 1/2 | 71,174 | 1/2 | 56,090 | 1/2 | 41,022 | 1/2 | 25,945 | 1/2 | 10,861 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 85,943 | 3/4 | 70,860 | 3/4 | 55,776 | 3/4 | 40,708 | 3/4 | 25,631 | 3/4 | 10,547 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 85,629 | 3 | 70,545 | 3 | 55,461 | 3 | 40,394 | 3 | 25,316 | 3 | 10,233 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 85,315 | 1/4 | 70,231 | 1/4 | 55,147 | 1/4 | 40,081 | 1/4 | 25,002 | 1/4 | 9,919 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 85,001 | 1/2 | 69,917 | 1/2 | 54,833 | 1/2 | 39,767 | 1/2 | 24,688 | 1/2 | 9,604 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 84,686 | 3/4 | 69,603 | 3/4 | 54,519 | 3/4 | 39,453 | 3/4 | 24,374 | 3/4 | 9,290 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 84,372 | 4 | 69,288 | 4 | 54,204 | 4 | 39,140 | 4 | 24,059 | 4 | 8,976 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 84,058 | 1/4 | 68,974 | 1/4 | 53,890 | 1/4 | 38,826 | 1/4 | 23,745 | 1/4 | 8,662 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 83,744 | 1/2 | 68,660 | 1/2 | 53,576 | 1/2 | 38,512 | 1/2 | 23,431 | 1/2 | 8,347 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 83,429 | 3/4 | 68,346 | 3/4 | 53,262 | 3/4 | 38,199 | 3/4 | 23,117 | 3/4 | 8,033 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 83,115 | 5 | 68,031 | 5 | 52,947 | 5 | 37,885 | 5 | 22,802 | 5 | 7,719 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 82,801 | 1/4 | 67,717 | 1/4 | 52,633 | 1/4 | 37,571 | 1/4 | 22,488 | 1/4 | 7,405 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 82,487 | 1/2 | 67,403 | 1/2 | 52,319 | 1/2 | 37,257 | 1/2 | 22,174 | 1/2 | 7,090 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 82,172 | 3/4 | 67,089 | 3/4 | 52,005 | 3/4 | 36,943 | 3/4 | 21,860 | 3/4 | 6,776 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 81,858 | 6 | 66,774 | 6 | 51,690 | 6 | 36,629 | 6 | 21,545 | 6 | 6,462 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 81,544 | 1/4 | 66,460 | 1/4 | 51,376 | 1/4 | 36,315 | 1/4 | 21,231 | 1/4 | 6,148 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 81,230 | 1/2 | 66,146 | 1/2 | 51,062 | 1/2 | 36,000 | 1/2 | 20,917 | 1/2 | 5,834 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 80,915 | 3/4 | 65,832 | 3/4 | 50,748 | 3/4 | 35,686 | 3/4 | 20,603 | 3/4 | 5,519 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 80,601 | 7 | 65,517 | 7 | 50,433 | 7 | 35,372 | 7 | 20,289 | 7 | 5,205 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 80,287 | 1/4 | 65,203 | 1/4 | 50,119 | 1/4 | 35,058 | 1/4 | 19,974 | 1/4 | 4,891 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 79,973 | 1/2 | 64,889 | 1/2 | 49,805 | 1/2 | 34,744 | 1/2 | 19,660 | 1/2 | 4,577 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,658 | 3/4 | 64,575 | 3/4 | 49,491 | 3/4 | 34,429 | 3/4 | 19,346 | 3/4 | 4,263 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 79,344 | 8 | 64,260 | 8 | 49,177 | 8 | 34,115 | 8 | 19,032 | 8 | 3,949 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 79,030 | 1/4 | 63,946 | 1/4 | 48,863 | 1/4 | 33,801 | 1/4 | 18,717 | 1/4 | 3,636 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 78,716 | 1/2 | 63,632 | 1/2 | 48,549 | 1/2 | 33,487 | 1/2 | 18,403 | 1/2 | 3,322 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 78,401 | 3/4 | 63,318 | 3/4 | 48,236 | 3/4 | 33,172 | 3/4 | 18,089 | 3/4 | 3,009 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 78,087 | 9 | 63,003 | 9 | 47,922 | 9 | 32,858 | 9 | 17,775 | 9 | 2,695 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 77,773 | 1/4 | 62,689 | 1/4 | 47,608 | 1/4 | 32,544 | 1/4 | 17,460 | 1/4 | 2,402 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 77,459 | 1/2 | 62,375 | 1/2 | 47,295 | 1/2 | 32,230 | 1/2 | 17,146 | 1/2 | 2,108 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 77,144 | 3/4 | 62,061 | 3/4 | 46,981 | 3/4 | 31,915 | 3/4 | 16,832 | 3/4 | 1,815 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 76,830 | 10 | 61,746 | 10 | 46,667 | 10 | 31,601 | 10 | 16,518 | 10 | 1,521 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 76,516 | 1/4 | 61,432 | 1/4 | 46,354 | 1/4 | 31,287 | 1/4 | 16,203 | 1/4 | 1,298 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,202 | 1/2 | 61,118 | 1/2 | 46,040 | 1/2 | 30,973 | 1/2 | 15,889 | 1/2 | 1,076 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,888 | 3/4 | 60,804 | 3/4 | 45,726 | 3/4 | 30,658 | 3/4 | 15,575 | 3/4 | 853 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 75,573 | 11 | 60,489 | 11 | 45,413 | 11 | 30,344 | 11 | 15,261 | 11 | 631 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 75,259 | 1/4 | 60,175 | 1/4 | 45,099 | 1/4 | 30,030 | 1/4 | 14,946 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,945 | 1/2 | 59,861 | 1/2 | 44,785 | 1/2 | 29,716 | 1/2 | 14,632 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,631 | 3/4 | 59,547 | 3/4 | 44,472 | 3/4 | 29,401 | 3/4 | 14,318 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/24/2012 CL - SW
CALCULATED: 09/24/2012 CL
PRINTED: 09/24/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2012

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



BARGE "GBL 3130"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

| 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 | |
| 0 | | 0 | | 0 | 209,316 | 0 | 194,357 | 0 | 179,321 | 0 | 164,243 | 0 | 149,165 | 0 | 134,086 | 0 | 119,008 | 0 | 103,926 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 209,005 | 1/4 | 194,044 | 1/4 | 179,007 | 1/4 | 163,929 | 1/4 | 148,850 | 1/4 | 133,772 | 1/4 | 118,694 | 1/4 | 103,612 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 208,694 | 1/2 | 193,731 | 1/2 | 178,693 | 1/2 | 163,615 | 1/2 | 148,536 | 1/2 | 133,458 | 1/2 | 118,379 | 1/2 | 103,297 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 208,384 | 3/4 | 193,418 | 3/4 | 178,379 | 3/4 | 163,301 | 3/4 | 148,222 | 3/4 | 133,144 | 3/4 | 118,065 | 3/4 | 102,983 |
| 1 | | 1 | | 1 | 208,073 | 1 | 193,105 | 1 | 178,065 | 1 | 162,987 | 1 | 147,908 | 1 | 132,830 | 1 | 117,751 | 1 | 102,669 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 207,762 | 1/4 | 192,791 | 1/4 | 177,751 | 1/4 | 162,672 | 1/4 | 147,594 | 1/4 | 132,515 | 1/4 | 117,437 | 1/4 | 102,355 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 207,450 | 1/2 | 192,478 | 1/2 | 177,437 | 1/2 | 162,358 | 1/2 | 147,280 | 1/2 | 132,201 | 1/2 | 117,123 | 1/2 | 102,040 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 207,139 | 3/4 | 192,165 | 3/4 | 177,123 | 3/4 | 162,044 | 3/4 | 146,966 | 3/4 | 131,887 | 3/4 | 116,809 | 3/4 | 101,726 |
| 2 | | 2 | | 2 | 206,828 | 2 | 191,852 | 2 | 176,808 | 2 | 161,730 | 2 | 146,652 | 2 | 131,573 | 2 | 116,495 | 2 | 101,412 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 206,517 | 1/4 | 191,538 | 1/4 | 176,494 | 1/4 | 161,416 | 1/4 | 146,337 | 1/4 | 131,259 | 1/4 | 116,181 | 1/4 | 101,097 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 206,206 | 1/2 | 191,225 | 1/2 | 176,180 | 1/2 | 161,102 | 1/2 | 146,023 | 1/2 | 130,945 | 1/2 | 115,866 | 1/2 | 100,783 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 205,895 | 3/4 | 190,912 | 3/4 | 175,866 | 3/4 | 160,788 | 3/4 | 145,709 | 3/4 | 130,631 | 3/4 | 115,552 | 3/4 | 100,469 |
| 3 | | 3 | | 3 | 205,584 | 3 | 190,599 | 3 | 175,552 | 3 | 160,473 | 3 | 145,395 | 3 | 130,317 | 3 | 115,238 | 3 | 100,155 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 205,273 | 1/4 | 190,286 | 1/4 | 175,238 | 1/4 | 160,159 | 1/4 | 145,081 | 1/4 | 130,002 | 1/4 | 114,924 | 1/4 | 99,840 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 204,962 | 1/2 | 189,972 | 1/2 | 174,924 | 1/2 | 159,845 | 1/2 | 144,767 | 1/2 | 129,688 | 1/2 | 114,610 | 1/2 | 99,526 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 204,651 | 3/4 | 189,659 | 3/4 | 174,609 | 3/4 | 159,531 | 3/4 | 144,453 | 3/4 | 129,374 | 3/4 | 114,296 | 3/4 | 99,212 |
| 4 | | 4 | | 4 | 204,340 | 4 | 189,346 | 4 | 174,295 | 4 | 159,217 | 4 | 144,138 | 4 | 129,060 | 4 | 113,982 | 4 | 98,897 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 204,029 | 1/4 | 189,033 | 1/4 | 173,981 | 1/4 | 158,903 | 1/4 | 143,824 | 1/4 | 128,746 | 1/4 | 113,667 | 1/4 | 98,583 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 203,718 | 1/2 | 188,719 | 1/2 | 173,667 | 1/2 | 158,589 | 1/2 | 143,510 | 1/2 | 128,432 | 1/2 | 113,353 | 1/2 | 98,269 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 203,407 | 3/4 | 188,406 | 3/4 | 173,353 | 3/4 | 158,274 | 3/4 | 143,196 | 3/4 | 128,118 | 3/4 | 113,039 | 3/4 | 97,955 |
| 5 | | 5 | | 5 | 203,096 | 5 | 188,093 | 5 | 173,039 | 5 | 157,960 | 5 | 142,882 | 5 | 127,803 | 5 | 112,725 | 5 | 97,640 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 202,785 | 1/4 | 187,780 | 1/4 | 172,725 | 1/4 | 157,646 | 1/4 | 142,568 | 1/4 | 127,489 | 1/4 | 112,411 | 1/4 | 97,326 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 202,474 | 1/2 | 187,467 | 1/2 | 172,411 | 1/2 | 157,332 | 1/2 | 142,254 | 1/2 | 127,175 | 1/2 | 112,097 | 1/2 | 97,012 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 202,163 | 3/4 | 187,153 | 3/4 | 172,096 | 3/4 | 157,018 | 3/4 | 141,940 | 3/4 | 126,861 | 3/4 | 111,783 | 3/4 | 96,697 |
| 6 | | 6 | | 6 | 201,852 | 6 | 186,840 | 6 | 171,782 | 6 | 156,704 | 6 | 141,625 | 6 | 126,547 | 6 | 111,469 | 6 | 96,383 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 201,541 | 1/4 | 186,527 | 1/4 | 171,468 | 1/4 | 156,390 | 1/4 | 141,311 | 1/4 | 126,233 | 1/4 | 111,154 | 1/4 | 96,069 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 201,230 | 1/2 | 186,214 | 1/2 | 171,154 | 1/2 | 156,076 | 1/2 | 140,997 | 1/2 | 125,919 | 1/2 | 110,840 | 1/2 | 95,755 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 200,919 | 3/4 | 185,901 | 3/4 | 170,840 | 3/4 | 155,761 | 3/4 | 140,683 | 3/4 | 125,605 | 3/4 | 110,526 | 3/4 | 95,440 |
| 7 | | 7 | | 7 | 200,608 | 7 | 185,587 | 7 | 170,526 | 7 | 155,447 | 7 | 140,369 | 7 | 125,290 | 7 | 110,212 | 7 | 95,126 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 200,297 | 1/4 | 185,274 | 1/4 | 170,212 | 1/4 | 155,133 | 1/4 | 140,055 | 1/4 | 124,976 | 1/4 | 109,897 | 1/4 | 94,812 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 213,990 | 1/2 | 199,986 | 1/2 | 184,961 | 1/2 | 169,897 | 1/2 | 154,819 | 1/2 | 139,741 | 1/2 | 124,662 | 1/2 | 109,583 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 213,819 | 3/4 | 199,675 | 3/4 | 184,648 | 3/4 | 169,583 | 3/4 | 154,505 | 3/4 | 139,426 | 3/4 | 124,348 | 3/4 | 109,269 |
| 8 | | 8 | | 8 | 213,648 | 8 | 199,364 | 8 | 184,334 | 8 | 169,269 | 8 | 154,191 | 8 | 139,112 | 8 | 124,034 | 8 | 108,955 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 213,433 | 1/4 | 199,052 | 1/4 | 184,021 | 1/4 | 168,955 | 1/4 | 153,877 | 1/4 | 138,798 | 1/4 | 123,720 | 1/4 | 108,640 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 213,217 | 1/2 | 198,740 | 1/2 | 183,708 | 1/2 | 168,641 | 1/2 | 153,562 | 1/2 | 138,484 | 1/2 | 123,406 | 1/2 | 108,326 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 213,001 | 3/4 | 198,428 | 3/4 | 183,395 | 3/4 | 168,327 | 3/4 | 153,248 | 3/4 | 138,170 | 3/4 | 123,091 | 3/4 | 108,012 |
| 9 | | 9 | | 9 | 212,785 | 9 | 198,116 | 9 | 183,082 | 9 | 168,013 | 9 | 152,934 | 9 | 137,856 | 9 | 122,777 | 9 | 107,697 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 212,525 | 1/4 | 197,803 | 1/4 | 182,768 | 1/4 | 167,699 | 1/4 | 152,620 | 1/4 | 137,542 | 1/4 | 122,463 | 1/4 | 107,383 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 212,264 | 1/2 | 197,490 | 1/2 | 182,455 | 1/2 | 167,384 | 1/2 | 152,306 | 1/2 | 137,228 | 1/2 | 122,149 | 1/2 | 107,069 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 212,003 | 3/4 | 197,176 | 3/4 | 182,142 | 3/4 | 167,070 | 3/4 | 151,992 | 3/4 | 136,913 | 3/4 | 121,835 | 3/4 | 106,755 |
| 10 | | 10 | | 10 | 211,743 | 10 | 196,863 | 10 | 181,829 | 10 | 166,756 | 10 | 151,678 | 10 | 136,599 | 10 | 121,521 | 10 | 106,440 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 211,446 | 1/4 | 196,550 | 1/4 | 181,515 | 1/4 | 166,442 | 1/4 | 151,364 | 1/4 | 136,285 | 1/4 | 121,207 | 1/4 | 106,126 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 211,150 | 1/2 | 196,237 | 1/2 | 181,202 | 1/2 | 166,128 | 1/2 | 151,049 | 1/2 | 135,971 | 1/2 | 120,893 | 1/2 | 105,812 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 210,853 | 3/4 | 195,924 | 3/4 | 180,889 | 3/4 | 165,814 | 3/4 | 150,735 | 3/4 | 135,657 | 3/4 | 120,578 | 3/4 | 105,497 |
| 11 | | 11 | | 11 | 210,557 | 11 | 195,610 | 11 | 180,576 | 11 | 165,500 | 11 | 150,421 | 11 | 135,343 | 11 | 120,264 | 11 | 105,183 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 210,247 | 1/4 | 195,297 | 1/4 | 180,262 | 1/4 | 165,185 | 1/4 | 150,107 | 1/4 | 135,029 | 1/4 | 119,950 | 1/4 | 104,869 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 209,936 | 1/2 | 194,984 | 1/2 | 179,949 | 1/2 | 164,871 | 1/2 | 149,793 | 1/2 | 134,714 | 1/2 | 119,636 | 1/2 | 104,555 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 209,626 | 3/4 | 194,671 | 3/4 | 179,635 | 3/4 | 164,557 | 3/4 | 149,479 | 3/4 | 134,400 | 3/4 | 119,322 | 3/4 | 104,240 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "GBL 3130"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

| 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 | 88,840 | 0 | 73,868 | 0 | 59,062 | 0 | 44,163 | 0 | 29,091 | 0 | 14,005 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 88,526 | 1/4 | 73,560 | 1/4 | 58,753 | 1/4 | 43,850 | 1/4 | 28,776 | 1/4 | 13,691 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 88,212 | 1/2 | 73,251 | 1/2 | 58,445 | 1/2 | 43,536 | 1/2 | 28,462 | 1/2 | 13,377 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 87,897 | 3/4 | 72,943 | 3/4 | 58,136 | 3/4 | 43,222 | 3/4 | 28,148 | 3/4 | 13,063 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 87,583 | 1 | 72,634 | 1 | 57,828 | 1 | 42,909 | 1 | 27,834 | 1 | 12,748 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 87,269 | 1/4 | 72,326 | 1/4 | 57,520 | 1/4 | 42,595 | 1/4 | 27,519 | 1/4 | 12,434 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 86,955 | 1/2 | 72,017 | 1/2 | 57,211 | 1/2 | 42,281 | 1/2 | 27,205 | 1/2 | 12,120 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 86,640 | 3/4 | 71,709 | 3/4 | 56,903 | 3/4 | 41,968 | 3/4 | 26,891 | 3/4 | 11,805 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 86,326 | 2 | 71,400 | 2 | 56,594 | 2 | 41,654 | 2 | 26,577 | 2 | 11,491 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 86,012 | 1/4 | 71,092 | 1/4 | 56,286 | 1/4 | 41,340 | 1/4 | 26,262 | 1/4 | 11,177 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 85,697 | 1/2 | 70,783 | 1/2 | 55,977 | 1/2 | 41,027 | 1/2 | 25,948 | 1/2 | 10,863 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 85,383 | 3/4 | 70,475 | 3/4 | 55,669 | 3/4 | 40,713 | 3/4 | 25,634 | 3/4 | 10,548 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 85,069 | 3 | 70,166 | 3 | 55,360 | 3 | 40,399 | 3 | 25,319 | 3 | 10,234 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 84,755 | 1/4 | 69,858 | 1/4 | 55,052 | 1/4 | 40,085 | 1/4 | 25,005 | 1/4 | 9,920 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 84,440 | 1/2 | 69,550 | 1/2 | 54,743 | 1/2 | 39,772 | 1/2 | 24,691 | 1/2 | 9,606 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 84,126 | 3/4 | 69,241 | 3/4 | 54,435 | 3/4 | 39,458 | 3/4 | 24,377 | 3/4 | 9,291 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 83,812 | 4 | 68,933 | 4 | 54,126 | 4 | 39,144 | 4 | 24,062 | 4 | 8,977 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 83,497 | 1/4 | 68,624 | 1/4 | 53,818 | 1/4 | 38,831 | 1/4 | 23,748 | 1/4 | 8,663 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 83,183 | 1/2 | 68,316 | 1/2 | 53,510 | 1/2 | 38,517 | 1/2 | 23,434 | 1/2 | 8,348 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 82,869 | 3/4 | 68,007 | 3/4 | 53,201 | 3/4 | 38,203 | 3/4 | 23,119 | 3/4 | 8,034 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 82,554 | 5 | 67,699 | 5 | 52,893 | 5 | 37,889 | 5 | 22,805 | 5 | 7,720 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 82,240 | 1/4 | 67,390 | 1/4 | 52,584 | 1/4 | 37,575 | 1/4 | 22,491 | 1/4 | 7,406 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 81,926 | 1/2 | 67,082 | 1/2 | 52,276 | 1/2 | 37,261 | 1/2 | 22,177 | 1/2 | 7,091 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 81,612 | 3/4 | 66,773 | 3/4 | 51,967 | 3/4 | 36,947 | 3/4 | 21,862 | 3/4 | 6,777 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 81,297 | 6 | 66,465 | 6 | 51,659 | 6 | 36,633 | 6 | 21,548 | 6 | 6,463 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 80,984 | 1/4 | 66,156 | 1/4 | 51,350 | 1/4 | 36,319 | 1/4 | 21,234 | 1/4 | 6,148 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 80,671 | 1/2 | 65,848 | 1/2 | 51,042 | 1/2 | 36,005 | 1/2 | 20,920 | 1/2 | 5,834 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 80,358 | 3/4 | 65,540 | 3/4 | 50,733 | 3/4 | 35,691 | 3/4 | 20,605 | 3/4 | 5,520 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 80,045 | 7 | 65,231 | 7 | 50,425 | 7 | 35,376 | 7 | 20,291 | 7 | 5,206 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 79,734 | 1/4 | 64,923 | 1/4 | 50,114 | 1/4 | 35,062 | 1/4 | 19,977 | 1/4 | 4,892 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 79,424 | 1/2 | 64,614 | 1/2 | 49,804 | 1/2 | 34,748 | 1/2 | 19,662 | 1/2 | 4,578 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,114 | 3/4 | 64,306 | 3/4 | 49,493 | 3/4 | 34,433 | 3/4 | 19,348 | 3/4 | 4,263 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 78,803 | 8 | 63,997 | 8 | 49,183 | 8 | 34,119 | 8 | 19,034 | 8 | 3,949 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 78,495 | 1/4 | 63,689 | 1/4 | 48,869 | 1/4 | 33,805 | 1/4 | 18,720 | 1/4 | 3,636 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 78,187 | 1/2 | 63,380 | 1/2 | 48,555 | 1/2 | 33,491 | 1/2 | 18,405 | 1/2 | 3,323 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 77,878 | 3/4 | 63,072 | 3/4 | 48,242 | 3/4 | 33,176 | 3/4 | 18,091 | 3/4 | 3,009 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 77,570 | 9 | 62,763 | 9 | 47,928 | 9 | 32,862 | 9 | 17,777 | 9 | 2,696 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 77,261 | 1/4 | 62,455 | 1/4 | 47,614 | 1/4 | 32,548 | 1/4 | 17,462 | 1/4 | 2,402 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,953 | 1/2 | 62,146 | 1/2 | 47,300 | 1/2 | 32,234 | 1/2 | 17,148 | 1/2 | 2,108 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,644 | 3/4 | 61,838 | 3/4 | 46,987 | 3/4 | 31,919 | 3/4 | 16,834 | 3/4 | 1,815 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 76,336 | 10 | 61,530 | 10 | 46,673 | 10 | 31,605 | 10 | 16,520 | 10 | 1,521 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 76,027 | 1/4 | 61,221 | 1/4 | 46,359 | 1/4 | 31,291 | 1/4 | 16,205 | 1/4 | 1,299 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,719 | 1/2 | 60,913 | 1/2 | 46,046 | 1/2 | 30,976 | 1/2 | 15,891 | 1/2 | 1,076 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,410 | 3/4 | 60,604 | 3/4 | 45,732 | 3/4 | 30,662 | 3/4 | 15,577 | 3/4 | 853 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 75,102 | 11 | 60,296 | 11 | 45,418 | 11 | 30,348 | 11 | 15,263 | 11 | 631 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 74,793 | 1/4 | 59,987 | 1/4 | 45,105 | 1/4 | 30,034 | 1/4 | 14,948 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,485 | 1/2 | 59,679 | 1/2 | 44,791 | 1/2 | 29,719 | 1/2 | 14,634 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,177 | 3/4 | 59,370 | 3/4 | 44,477 | 3/4 | 29,405 | 3/4 | 14,320 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/24/2012 CL - SW
CALCULATED: 09/24/2012 CL
PRINTED: 09/24/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2012

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



BARGE "GBL 3130"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

| 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 | 189,452 | 0 | 179,161 | 0 | 168,819 | 0 | 158,449 | 0 | 147,861 | 0 | 133,373 | 0 | 118,378 | 0 | 103,375 | | |
| 1/4 | 1/4 | 1/4 | 189,238 | 1/4 | 178,945 | 1/4 | 168,603 | 1/4 | 158,233 | 1/4 | 147,607 | 1/4 | 133,060 | 1/4 | 118,066 | 1/4 | 103,062 | | |
| 1/2 | 1/2 | 1/2 | 189,024 | 1/2 | 178,730 | 1/2 | 168,387 | 1/2 | 158,017 | 1/2 | 147,353 | 1/2 | 132,748 | 1/2 | 117,753 | 1/2 | 102,749 | | |
| 3/4 | 3/4 | 3/4 | 188,810 | 3/4 | 178,515 | 3/4 | 168,171 | 3/4 | 157,801 | 3/4 | 147,086 | 3/4 | 132,436 | 3/4 | 117,441 | 3/4 | 102,437 | | |
| 1 | 1 | 1 | 188,596 | 1 | 178,299 | 1 | 167,955 | 1 | 157,585 | 1 | 146,819 | 1 | 132,123 | 1 | 117,129 | 1 | 102,124 | | |
| 1/4 | 1/4 | 1/4 | 188,383 | 1/4 | 178,084 | 1/4 | 167,739 | 1/4 | 157,369 | 1/4 | 146,551 | 1/4 | 131,811 | 1/4 | 116,816 | 1/4 | 101,811 | | |
| 1/2 | 1/2 | 1/2 | 188,169 | 1/2 | 177,868 | 1/2 | 167,522 | 1/2 | 157,153 | 1/2 | 146,284 | 1/2 | 131,498 | 1/2 | 116,504 | 1/2 | 101,498 | | |
| 3/4 | 3/4 | 3/4 | 187,955 | 3/4 | 177,653 | 3/4 | 167,306 | 3/4 | 156,937 | 3/4 | 146,003 | 3/4 | 131,186 | 3/4 | 116,191 | 3/4 | 101,186 | | |
| 2 | 2 | 2 | 187,741 | 2 | 177,438 | 2 | 167,090 | 2 | 156,721 | 2 | 145,722 | 2 | 130,874 | 2 | 115,879 | 2 | 100,873 | | |
| 1/4 | 1/4 | 1/4 | 187,527 | 1/4 | 177,222 | 1/4 | 166,874 | 1/4 | 156,505 | 1/4 | 145,440 | 1/4 | 130,561 | 1/4 | 115,567 | 1/4 | 100,560 | | |
| 1/2 | 1/2 | 1/2 | 187,313 | 1/2 | 177,007 | 1/2 | 166,658 | 1/2 | 156,289 | 1/2 | 145,159 | 1/2 | 130,249 | 1/2 | 115,254 | 1/2 | 100,247 | | |
| 3/4 | 3/4 | 3/4 | 187,099 | 3/4 | 176,791 | 3/4 | 166,442 | 3/4 | 156,073 | 3/4 | 144,864 | 3/4 | 129,936 | 3/4 | 114,942 | 3/4 | 99,934 | | |
| 3 | 3 | 3 | 186,885 | 3 | 176,576 | 3 | 166,226 | 3 | 155,857 | 3 | 144,568 | 3 | 129,624 | 3 | 114,629 | 3 | 99,622 | | |
| 1/4 | 1/4 | 1/4 | 186,671 | 1/4 | 176,360 | 1/4 | 166,010 | 1/4 | 155,641 | 1/4 | 144,272 | 1/4 | 129,312 | 1/4 | 114,317 | 1/4 | 99,309 | | |
| 1/2 | 1/2 | 1/2 | 186,457 | 1/2 | 176,145 | 1/2 | 165,794 | 1/2 | 155,425 | 1/2 | 143,977 | 1/2 | 128,999 | 1/2 | 114,005 | 1/2 | 98,996 | | |
| 3/4 | 3/4 | 3/4 | 186,243 | 3/4 | 175,930 | 3/4 | 165,578 | 3/4 | 155,209 | 3/4 | 143,669 | 3/4 | 128,687 | 3/4 | 113,692 | 3/4 | 98,683 | | |
| 4 | 4 | 4 | 186,029 | 4 | 175,714 | 4 | 165,362 | 4 | 154,993 | 4 | 143,361 | 4 | 128,375 | 4 | 113,380 | 4 | 98,370 | | |
| 1/4 | 1/4 | 1/4 | 185,816 | 1/4 | 175,499 | 1/4 | 165,146 | 1/4 | 154,777 | 1/4 | 143,052 | 1/4 | 128,062 | 1/4 | 113,067 | 1/4 | 98,058 | | |
| 1/2 | 1/2 | 1/2 | 185,602 | 1/2 | 175,283 | 1/2 | 164,930 | 1/2 | 154,561 | 1/2 | 142,744 | 1/2 | 127,750 | 1/2 | 112,755 | 1/2 | 97,745 | | |
| 3/4 | 3/4 | 3/4 | 185,388 | 3/4 | 175,068 | 3/4 | 164,714 | 3/4 | 154,345 | 3/4 | 142,432 | 3/4 | 127,437 | 3/4 | 112,443 | 3/4 | 97,432 | | |
| 5 | 5 | 5 | 185,174 | 5 | 174,853 | 5 | 164,498 | 5 | 154,129 | 5 | 142,120 | 5 | 127,125 | 5 | 112,130 | 5 | 97,119 | | |
| 1/4 | 1/4 | 1/4 | 184,960 | 1/4 | 174,637 | 1/4 | 164,282 | 1/4 | 153,913 | 1/4 | 141,807 | 1/4 | 126,813 | 1/4 | 111,818 | 1/4 | 96,806 | | |
| 1/2 | 1/2 | 1/2 | 184,746 | 1/2 | 174,422 | 1/2 | 164,066 | 1/2 | 153,697 | 1/2 | 141,495 | 1/2 | 126,500 | 1/2 | 111,506 | 1/2 | 96,494 | | |
| 3/4 | 3/4 | 3/4 | 184,532 | 3/4 | 174,206 | 3/4 | 163,850 | 3/4 | 153,481 | 3/4 | 141,182 | 3/4 | 126,188 | 3/4 | 111,193 | 3/4 | 96,181 | | |
| 6 | 6 | 6 | 184,318 | 6 | 173,991 | 6 | 163,634 | 6 | 153,265 | 6 | 140,870 | 6 | 125,875 | 6 | 110,881 | 6 | 95,868 | | |
| 1/4 | 1/4 | 1/4 | 184,104 | 1/4 | 173,775 | 1/4 | 163,418 | 1/4 | 153,049 | 1/4 | 140,558 | 1/4 | 125,563 | 1/4 | 110,568 | 1/4 | 95,555 | | |
| 1/2 | 1/2 | 1/2 | 183,890 | 1/2 | 173,560 | 1/2 | 163,202 | 1/2 | 152,833 | 1/2 | 140,245 | 1/2 | 125,251 | 1/2 | 110,256 | 1/2 | 95,242 | | |
| 3/4 | 3/4 | 3/4 | 183,676 | 3/4 | 173,345 | 3/4 | 162,986 | 3/4 | 152,617 | 3/4 | 139,933 | 3/4 | 124,938 | 3/4 | 109,943 | 3/4 | 94,930 | | |
| 7 | 7 | 193,094 | 183,463 | 7 | 173,129 | 7 | 162,770 | 7 | 152,401 | 7 | 139,621 | 7 | 124,626 | 7 | 109,631 | 7 | 94,617 | | |
| 1/4 | 1/4 | 192,977 | 183,249 | 1/4 | 172,914 | 1/4 | 162,554 | 1/4 | 152,185 | 1/4 | 139,308 | 1/4 | 124,313 | 1/4 | 109,318 | 1/4 | 94,304 | | |
| 1/2 | 1/2 | 192,859 | 183,035 | 1/2 | 172,698 | 1/2 | 162,338 | 1/2 | 151,969 | 1/2 | 138,996 | 1/2 | 124,001 | 1/2 | 109,005 | 1/2 | 93,991 | | |
| 3/4 | 3/4 | 192,711 | 182,820 | 3/4 | 172,483 | 3/4 | 162,122 | 3/4 | 151,752 | 3/4 | 138,683 | 3/4 | 123,689 | 3/4 | 108,693 | 3/4 | 93,678 | | |
| 8 | 8 | 192,562 | 182,606 | 8 | 172,267 | 8 | 161,906 | 8 | 151,536 | 8 | 138,371 | 8 | 123,376 | 8 | 108,380 | 8 | 93,366 | | |
| 1/4 | 1/4 | 192,414 | 182,391 | 1/4 | 172,052 | 1/4 | 161,690 | 1/4 | 151,320 | 1/4 | 138,059 | 1/4 | 123,064 | 1/4 | 108,067 | 1/4 | 93,053 | | |
| 1/2 | 1/2 | 192,266 | 182,177 | 1/2 | 171,837 | 1/2 | 161,474 | 1/2 | 151,104 | 1/2 | 137,746 | 1/2 | 122,752 | 1/2 | 107,754 | 1/2 | 92,740 | | |
| 3/4 | 3/4 | 192,086 | 181,961 | 3/4 | 171,621 | 3/4 | 161,258 | 3/4 | 150,887 | 3/4 | 137,434 | 3/4 | 122,439 | 3/4 | 107,441 | 3/4 | 92,427 | | |
| 9 | 9 | 191,907 | 181,746 | 9 | 171,406 | 9 | 161,042 | 9 | 150,669 | 9 | 137,121 | 9 | 122,127 | 9 | 107,129 | 9 | 92,114 | | |
| 1/4 | 1/4 | 191,728 | 181,531 | 1/4 | 171,190 | 1/4 | 160,826 | 1/4 | 150,451 | 1/4 | 136,809 | 1/4 | 121,814 | 1/4 | 106,816 | 1/4 | 91,802 | | |
| 1/2 | 1/2 | 191,549 | 181,315 | 1/2 | 170,975 | 1/2 | 160,610 | 1/2 | 150,233 | 1/2 | 136,497 | 1/2 | 121,502 | 1/2 | 106,503 | 1/2 | 91,489 | | |
| 3/4 | 3/4 | 191,345 | 181,100 | 3/4 | 170,760 | 3/4 | 160,394 | 3/4 | 150,007 | 3/4 | 136,184 | 3/4 | 121,190 | 3/4 | 106,190 | 3/4 | 91,176 | | |
| 10 | 10 | 191,141 | 180,884 | 10 | 170,544 | 10 | 160,178 | 10 | 149,780 | 10 | 135,872 | 10 | 120,877 | 10 | 105,877 | 10 | 90,863 | | |
| 1/4 | 1/4 | 190,937 | 180,669 | 1/4 | 170,329 | 1/4 | 159,962 | 1/4 | 149,554 | 1/4 | 135,559 | 1/4 | 120,565 | 1/4 | 105,565 | 1/4 | 90,550 | | |
| 1/2 | 1/2 | 190,733 | 180,453 | 1/2 | 170,113 | 1/2 | 159,746 | 1/2 | 149,328 | 1/2 | 135,247 | 1/2 | 120,252 | 1/2 | 105,252 | 1/2 | 90,238 | | |
| 3/4 | 3/4 | 190,519 | 180,238 | 3/4 | 169,898 | 3/4 | 159,529 | 3/4 | 149,088 | 3/4 | 134,935 | 3/4 | 119,940 | 3/4 | 104,939 | 3/4 | 89,925 | | |
| 11 | 11 | 190,306 | 180,023 | 11 | 169,682 | 11 | 159,313 | 11 | 148,848 | 11 | 134,622 | 11 | 119,628 | 11 | 104,626 | 11 | 89,612 | | |
| 1/4 | 1/4 | 190,093 | 179,807 | 1/4 | 169,466 | 1/4 | 159,097 | 1/4 | 148,608 | 1/4 | 134,310 | 1/4 | 119,315 | 1/4 | 104,313 | 1/4 | 89,299 | | |
| 1/2 | 1/2 | 189,880 | 179,592 | 1/2 | 169,251 | 1/2 | 158,881 | 1/2 | 148,368 | 1/2 | 133,998 | 1/2 | 119,003 | 1/2 | 104,001 | 1/2 | 88,987 | | |
| 3/4 | 3/4 | 189,666 | 179,376 | 3/4 | 169,035 | 3/4 | 158,665 | 3/4 | 148,114 | 3/4 | 133,685 | 3/4 | 118,690 | 3/4 | 103,688 | 3/4 | 88,674 | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "GBL 3130"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

| 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 | 88,361 | 0 | 73,347 | 0 | 58,333 | 0 | 43,329 | 0 | 28,327 | 0 | 13,313 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 88,048 | 1/4 | 73,034 | 1/4 | 58,020 | 1/4 | 43,017 | 1/4 | 28,014 | 1/4 | 13,001 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 87,735 | 1/2 | 72,721 | 1/2 | 57,707 | 1/2 | 42,705 | 1/2 | 27,702 | 1/2 | 12,688 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 87,423 | 3/4 | 72,408 | 3/4 | 57,394 | 3/4 | 42,393 | 3/4 | 27,389 | 3/4 | 12,375 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 87,110 | 1 | 72,096 | 1 | 57,081 | 1 | 42,081 | 1 | 27,076 | 1 | 12,062 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 86,797 | 1/4 | 71,783 | 1/4 | 56,769 | 1/4 | 41,768 | 1/4 | 26,763 | 1/4 | 11,750 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 86,484 | 1/2 | 71,470 | 1/2 | 56,456 | 1/2 | 41,456 | 1/2 | 26,450 | 1/2 | 11,437 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 86,171 | 3/4 | 71,157 | 3/4 | 56,143 | 3/4 | 41,144 | 3/4 | 26,138 | 3/4 | 11,124 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 85,859 | 2 | 70,844 | 2 | 55,830 | 2 | 40,832 | 2 | 25,825 | 2 | 10,811 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 85,546 | 1/4 | 70,532 | 1/4 | 55,517 | 1/4 | 40,520 | 1/4 | 25,512 | 1/4 | 10,498 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 85,233 | 1/2 | 70,219 | 1/2 | 55,205 | 1/2 | 40,207 | 1/2 | 25,199 | 1/2 | 10,186 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 84,920 | 3/4 | 69,906 | 3/4 | 54,892 | 3/4 | 39,895 | 3/4 | 24,887 | 3/4 | 9,873 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 84,607 | 3 | 69,593 | 3 | 54,579 | 3 | 39,583 | 3 | 24,574 | 3 | 9,560 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 84,295 | 1/4 | 69,280 | 1/4 | 54,266 | 1/4 | 39,271 | 1/4 | 24,261 | 1/4 | 9,247 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 83,982 | 1/2 | 68,968 | 1/2 | 53,954 | 1/2 | 38,959 | 1/2 | 23,948 | 1/2 | 8,934 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 83,669 | 3/4 | 68,655 | 3/4 | 53,641 | 3/4 | 38,646 | 3/4 | 23,635 | 3/4 | 8,622 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 83,356 | 4 | 68,342 | 4 | 53,328 | 4 | 38,334 | 4 | 23,323 | 4 | 8,309 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 83,043 | 1/4 | 68,029 | 1/4 | 53,015 | 1/4 | 38,022 | 1/4 | 23,010 | 1/4 | 7,996 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 82,731 | 1/2 | 67,716 | 1/2 | 52,702 | 1/2 | 37,710 | 1/2 | 22,697 | 1/2 | 7,683 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 82,418 | 3/4 | 67,404 | 3/4 | 52,390 | 3/4 | 37,397 | 3/4 | 22,384 | 3/4 | 7,371 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 82,105 | 5 | 67,091 | 5 | 52,077 | 5 | 37,085 | 5 | 22,071 | 5 | 7,058 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 81,792 | 1/4 | 66,778 | 1/4 | 51,764 | 1/4 | 36,772 | 1/4 | 21,759 | 1/4 | 6,745 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 81,479 | 1/2 | 66,465 | 1/2 | 51,451 | 1/2 | 36,460 | 1/2 | 21,446 | 1/2 | 6,432 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 81,167 | 3/4 | 66,153 | 3/4 | 51,138 | 3/4 | 36,147 | 3/4 | 21,133 | 3/4 | 6,119 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 80,854 | 6 | 65,840 | 6 | 50,826 | 6 | 35,834 | 6 | 20,820 | 6 | 5,807 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 80,541 | 1/4 | 65,527 | 1/4 | 50,513 | 1/4 | 35,521 | 1/4 | 20,508 | 1/4 | 5,494 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 80,228 | 1/2 | 65,214 | 1/2 | 50,200 | 1/2 | 35,208 | 1/2 | 20,195 | 1/2 | 5,181 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,915 | 3/4 | 64,901 | 3/4 | 49,887 | 3/4 | 34,896 | 3/4 | 19,882 | 3/4 | 4,869 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 79,603 | 7 | 64,589 | 7 | 49,575 | 7 | 34,583 | 7 | 19,569 | 7 | 4,556 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 79,290 | 1/4 | 64,276 | 1/4 | 49,262 | 1/4 | 34,270 | 1/4 | 19,256 | 1/4 | 4,243 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 78,977 | 1/2 | 63,963 | 1/2 | 48,949 | 1/2 | 33,957 | 1/2 | 18,944 | 1/2 | 3,931 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 78,664 | 3/4 | 63,650 | 3/4 | 48,637 | 3/4 | 33,644 | 3/4 | 18,631 | 3/4 | 3,619 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 78,352 | 8 | 63,337 | 8 | 48,325 | 8 | 33,332 | 8 | 18,318 | 8 | 3,307 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 78,039 | 1/4 | 63,025 | 1/4 | 48,013 | 1/4 | 33,019 | 1/4 | 18,005 | 1/4 | 2,995 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 77,726 | 1/2 | 62,712 | 1/2 | 47,700 | 1/2 | 32,706 | 1/2 | 17,692 | 1/2 | 2,683 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 77,413 | 3/4 | 62,399 | 3/4 | 47,388 | 3/4 | 32,393 | 3/4 | 17,380 | 3/4 | 2,371 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 77,100 | 9 | 62,086 | 9 | 47,076 | 9 | 32,081 | 9 | 17,067 | 9 | 2,059 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 76,788 | 1/4 | 61,773 | 1/4 | 46,764 | 1/4 | 31,768 | 1/4 | 16,754 | 1/4 | 1,806 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,475 | 1/2 | 61,461 | 1/2 | 46,451 | 1/2 | 31,455 | 1/2 | 16,441 | 1/2 | 1,514 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,162 | 3/4 | 61,148 | 3/4 | 46,139 | 3/4 | 31,142 | 3/4 | 16,129 | 3/4 | 1,293 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 75,849 | 10 | 60,835 | 10 | 45,827 | 10 | 30,829 | 10 | 15,816 | 10 | 1,071 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 75,536 | 1/4 | 60,522 | 1/4 | 45,515 | 1/4 | 30,517 | 1/4 | 15,503 | 1/4 | 849 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,224 | 1/2 | 60,209 | 1/2 | 45,203 | 1/2 | 30,204 | 1/2 | 15,190 | 1/2 | 628 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,911 | 3/4 | 59,897 | 3/4 | 44,890 | 3/4 | 29,891 | 3/4 | 14,877 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 74,598 | 11 | 59,584 | 11 | 44,578 | 11 | 29,578 | 11 | 14,565 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 74,285 | 1/4 | 59,271 | 1/4 | 44,266 | 1/4 | 29,266 | 1/4 | 14,252 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,972 | 1/2 | 58,958 | 1/2 | 43,954 | 1/2 | 28,953 | 1/2 | 13,939 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,660 | 3/4 | 58,645 | 3/4 | 43,642 | 3/4 | 28,640 | 3/4 | 13,626 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/24/2012 CL - SW
CALCULATED: 09/24/2012 CL
PRINTED: 09/24/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2012

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



BARGE "GBL 3130"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

| 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 | 188,931 | 0 | 178,645 | 0 | 168,307 | 0 | 157,940 | 0 | 147,430 | 0 | 133,091 | 0 | 118,130 | 0 | 103,167 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 188,717 | 1/4 | 178,430 | 1/4 | 168,091 | 1/4 | 157,724 | 1/4 | 147,176 | 1/4 | 132,779 | 1/4 | 117,819 | 1/4 | 102,854 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 188,504 | 1/2 | 178,215 | 1/2 | 167,875 | 1/2 | 157,508 | 1/2 | 146,923 | 1/2 | 132,467 | 1/2 | 117,508 | 1/2 | 102,542 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 188,290 | 3/4 | 177,999 | 3/4 | 167,659 | 3/4 | 157,292 | 3/4 | 146,670 | 3/4 | 132,156 | 3/4 | 117,196 | 3/4 | 102,230 |
| 1 | | 1 | | 1 | 188,076 | 1 | 177,784 | 1 | 167,443 | 1 | 157,076 | 1 | 146,416 | 1 | 131,844 | 1 | 116,885 | 1 | 101,918 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 187,862 | 1/4 | 177,569 | 1/4 | 167,227 | 1/4 | 156,860 | 1/4 | 146,150 | 1/4 | 131,532 | 1/4 | 116,573 | 1/4 | 101,606 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 187,648 | 1/2 | 177,353 | 1/2 | 167,011 | 1/2 | 156,644 | 1/2 | 145,883 | 1/2 | 131,221 | 1/2 | 116,262 | 1/2 | 101,293 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 187,434 | 3/4 | 177,138 | 3/4 | 166,795 | 3/4 | 156,428 | 3/4 | 145,617 | 3/4 | 130,909 | 3/4 | 115,950 | 3/4 | 100,981 |
| 2 | | 2 | | 2 | 187,220 | 2 | 176,923 | 2 | 166,579 | 2 | 156,212 | 2 | 145,350 | 2 | 130,597 | 2 | 115,639 | 2 | 100,669 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 187,007 | 1/4 | 176,707 | 1/4 | 166,363 | 1/4 | 155,996 | 1/4 | 145,069 | 1/4 | 130,286 | 1/4 | 115,327 | 1/4 | 100,357 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 186,793 | 1/2 | 176,492 | 1/2 | 166,147 | 1/2 | 155,780 | 1/2 | 144,789 | 1/2 | 129,974 | 1/2 | 115,016 | 1/2 | 100,045 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 186,579 | 3/4 | 176,276 | 3/4 | 165,931 | 3/4 | 155,564 | 3/4 | 144,509 | 3/4 | 129,662 | 3/4 | 114,705 | 3/4 | 99,733 |
| 3 | | 3 | | 3 | 186,365 | 3 | 176,061 | 3 | 165,715 | 3 | 155,348 | 3 | 144,228 | 3 | 129,350 | 3 | 114,393 | 3 | 99,420 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 186,151 | 1/4 | 175,846 | 1/4 | 165,499 | 1/4 | 155,132 | 1/4 | 143,933 | 1/4 | 129,039 | 1/4 | 114,082 | 1/4 | 99,108 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 185,937 | 1/2 | 175,630 | 1/2 | 165,283 | 1/2 | 154,916 | 1/2 | 143,638 | 1/2 | 128,727 | 1/2 | 113,770 | 1/2 | 98,796 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 185,723 | 3/4 | 175,415 | 3/4 | 165,067 | 3/4 | 154,700 | 3/4 | 143,343 | 3/4 | 128,415 | 3/4 | 113,459 | 3/4 | 98,484 |
| 4 | | 4 | | 4 | 185,509 | 4 | 175,200 | 4 | 164,851 | 4 | 154,484 | 4 | 143,048 | 4 | 128,104 | 4 | 113,147 | 4 | 98,172 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 185,296 | 1/4 | 174,984 | 1/4 | 164,635 | 1/4 | 154,268 | 1/4 | 142,741 | 1/4 | 127,792 | 1/4 | 112,836 | 1/4 | 97,860 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 185,082 | 1/2 | 174,769 | 1/2 | 164,419 | 1/2 | 154,052 | 1/2 | 142,433 | 1/2 | 127,480 | 1/2 | 112,524 | 1/2 | 97,547 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 184,868 | 3/4 | 174,553 | 3/4 | 164,203 | 3/4 | 153,836 | 3/4 | 142,126 | 3/4 | 127,169 | 3/4 | 112,213 | 3/4 | 97,235 |
| 5 | | 5 | | 5 | 184,654 | 5 | 174,338 | 5 | 163,987 | 5 | 153,620 | 5 | 141,819 | 5 | 126,857 | 5 | 111,901 | 5 | 96,923 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 184,440 | 1/4 | 174,123 | 1/4 | 163,771 | 1/4 | 153,404 | 1/4 | 141,507 | 1/4 | 126,545 | 1/4 | 111,590 | 1/4 | 96,611 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 184,226 | 1/2 | 173,907 | 1/2 | 163,555 | 1/2 | 153,188 | 1/2 | 141,195 | 1/2 | 126,233 | 1/2 | 111,279 | 1/2 | 96,299 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 184,012 | 3/4 | 173,692 | 3/4 | 163,339 | 3/4 | 152,972 | 3/4 | 140,883 | 3/4 | 125,922 | 3/4 | 110,967 | 3/4 | 95,987 |
| 6 | | 6 | | 6 | 183,799 | 6 | 173,477 | 6 | 163,123 | 6 | 152,756 | 6 | 140,572 | 6 | 125,610 | 6 | 110,656 | 6 | 95,674 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 183,585 | 1/4 | 173,261 | 1/4 | 162,907 | 1/4 | 152,540 | 1/4 | 140,260 | 1/4 | 125,298 | 1/4 | 110,344 | 1/4 | 95,362 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 183,371 | 1/2 | 173,046 | 1/2 | 162,691 | 1/2 | 152,324 | 1/2 | 139,948 | 1/2 | 124,987 | 1/2 | 110,032 | 1/2 | 95,050 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 183,157 | 3/4 | 172,830 | 3/4 | 162,475 | 3/4 | 152,108 | 3/4 | 139,637 | 3/4 | 124,675 | 3/4 | 109,721 | 3/4 | 94,738 |
| 7 | | 7 | | 7 | 182,943 | 7 | 172,615 | 7 | 162,259 | 7 | 151,892 | 7 | 139,325 | 7 | 124,363 | 7 | 109,409 | 7 | 94,426 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 182,729 | 1/4 | 172,400 | 1/4 | 162,043 | 1/4 | 151,676 | 1/4 | 139,013 | 1/4 | 124,051 | 1/4 | 109,097 | 1/4 | 94,114 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 192,145 | 1/2 | 182,515 | 1/2 | 172,184 | 1/2 | 161,827 | 1/2 | 151,460 | 1/2 | 138,702 | 1/2 | 123,740 | 1/2 | 108,785 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 192,027 | 3/4 | 182,302 | 3/4 | 171,969 | 3/4 | 161,611 | 3/4 | 151,244 | 3/4 | 138,390 | 3/4 | 123,428 | 3/4 | 108,473 |
| 8 | | 8 | | 8 | 191,910 | 8 | 182,088 | 8 | 171,754 | 8 | 161,395 | 8 | 151,028 | 8 | 138,078 | 8 | 123,116 | 8 | 108,161 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 191,762 | 1/4 | 181,873 | 1/4 | 171,538 | 1/4 | 161,179 | 1/4 | 150,812 | 1/4 | 137,766 | 1/4 | 122,805 | 1/4 | 107,849 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 191,613 | 1/2 | 181,659 | 1/2 | 171,323 | 1/2 | 160,963 | 1/2 | 150,596 | 1/2 | 137,455 | 1/2 | 122,493 | 1/2 | 107,537 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 191,465 | 3/4 | 181,444 | 3/4 | 171,107 | 3/4 | 160,747 | 3/4 | 150,380 | 3/4 | 137,143 | 3/4 | 122,181 | 3/4 | 107,225 |
| 9 | | 9 | | 9 | 191,316 | 9 | 181,230 | 9 | 170,892 | 9 | 160,531 | 9 | 150,164 | 9 | 136,831 | 9 | 121,870 | 9 | 106,913 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 191,137 | 1/4 | 181,015 | 1/4 | 170,677 | 1/4 | 160,315 | 1/4 | 149,947 | 1/4 | 136,520 | 1/4 | 121,558 | 1/4 | 106,600 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 190,958 | 1/2 | 180,799 | 1/2 | 170,461 | 1/2 | 160,100 | 1/2 | 149,729 | 1/2 | 136,208 | 1/2 | 121,246 | 1/2 | 106,288 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 190,779 | 3/4 | 180,584 | 3/4 | 170,246 | 3/4 | 159,884 | 3/4 | 149,511 | 3/4 | 135,896 | 3/4 | 120,934 | 3/4 | 105,976 |
| 10 | | 10 | | 10 | 190,600 | 10 | 180,368 | 10 | 170,031 | 10 | 159,668 | 10 | 149,293 | 10 | 135,585 | 10 | 120,623 | 10 | 105,664 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 190,396 | 1/4 | 180,153 | 1/4 | 169,815 | 1/4 | 159,452 | 1/4 | 149,067 | 1/4 | 135,273 | 1/4 | 120,311 | 1/4 | 105,352 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 190,192 | 1/2 | 179,938 | 1/2 | 169,600 | 1/2 | 159,236 | 1/2 | 148,841 | 1/2 | 134,961 | 1/2 | 120,000 | 1/2 | 105,040 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 189,988 | 3/4 | 179,722 | 3/4 | 169,384 | 3/4 | 159,020 | 3/4 | 148,615 | 3/4 | 134,649 | 3/4 | 119,688 | 3/4 | 104,727 |
| 11 | | 11 | | 11 | 189,784 | 11 | 179,507 | 11 | 169,169 | 11 | 158,804 | 11 | 148,389 | 11 | 134,338 | 11 | 119,376 | 11 | 104,415 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 189,571 | 1/4 | 179,292 | 1/4 | 168,954 | 1/4 | 158,588 | 1/4 | 148,149 | 1/4 | 134,026 | 1/4 | 119,065 | 1/4 | 104,103 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 189,358 | 1/2 | 179,076 | 1/2 | 168,738 | 1/2 | 158,372 | 1/2 | 147,909 | 1/2 | 133,714 | 1/2 | 118,753 | 1/2 | 103,791 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 189,144 | 3/4 | 178,861 | 3/4 | 168,522 | 3/4 | 158,156 | 3/4 | 147,670 | 3/4 | 133,403 | 3/4 | 118,442 | 3/4 | 103,479 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "GBL 3130"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

| 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 | 88,187 | 0 | 73,338 | 0 | 58,531 | 0 | 43,886 | 0 | 28,912 | 0 | 13,926 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 87,877 | 1/4 | 73,026 | 1/4 | 58,230 | 1/4 | 43,575 | 1/4 | 28,599 | 1/4 | 13,614 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 87,568 | 1/2 | 72,714 | 1/2 | 57,929 | 1/2 | 43,263 | 1/2 | 28,287 | 1/2 | 13,302 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 87,259 | 3/4 | 72,402 | 3/4 | 57,628 | 3/4 | 42,951 | 3/4 | 27,975 | 3/4 | 12,989 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 86,950 | 1 | 72,090 | 1 | 57,327 | 1 | 42,640 | 1 | 27,663 | 1 | 12,677 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 86,640 | 1/4 | 71,778 | 1/4 | 57,026 | 1/4 | 42,328 | 1/4 | 27,350 | 1/4 | 12,365 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 86,331 | 1/2 | 71,466 | 1/2 | 56,725 | 1/2 | 42,016 | 1/2 | 27,038 | 1/2 | 12,053 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 86,022 | 3/4 | 71,154 | 3/4 | 56,424 | 3/4 | 41,705 | 3/4 | 26,726 | 3/4 | 11,740 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 85,713 | 2 | 70,842 | 2 | 56,123 | 2 | 41,393 | 2 | 26,414 | 2 | 11,428 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 85,403 | 1/4 | 70,530 | 1/4 | 55,822 | 1/4 | 41,082 | 1/4 | 26,101 | 1/4 | 11,116 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 85,094 | 1/2 | 70,218 | 1/2 | 55,521 | 1/2 | 40,770 | 1/2 | 25,789 | 1/2 | 10,804 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 84,785 | 3/4 | 69,906 | 3/4 | 55,220 | 3/4 | 40,458 | 3/4 | 25,477 | 3/4 | 10,491 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 84,476 | 3 | 69,594 | 3 | 54,919 | 3 | 40,147 | 3 | 25,165 | 3 | 10,179 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 84,166 | 1/4 | 69,282 | 1/4 | 54,617 | 1/4 | 39,835 | 1/4 | 24,853 | 1/4 | 9,867 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 83,857 | 1/2 | 68,970 | 1/2 | 54,316 | 1/2 | 39,523 | 1/2 | 24,540 | 1/2 | 9,555 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 83,548 | 3/4 | 68,658 | 3/4 | 54,015 | 3/4 | 39,212 | 3/4 | 24,228 | 3/4 | 9,242 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 83,239 | 4 | 68,346 | 4 | 53,714 | 4 | 38,900 | 4 | 23,916 | 4 | 8,930 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 82,929 | 1/4 | 68,034 | 1/4 | 53,413 | 1/4 | 38,588 | 1/4 | 23,604 | 1/4 | 8,618 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 82,620 | 1/2 | 67,722 | 1/2 | 53,112 | 1/2 | 38,277 | 1/2 | 23,291 | 1/2 | 8,306 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 82,311 | 3/4 | 67,411 | 3/4 | 52,811 | 3/4 | 37,965 | 3/4 | 22,979 | 3/4 | 7,993 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 82,001 | 5 | 67,099 | 5 | 52,510 | 5 | 37,653 | 5 | 22,667 | 5 | 7,681 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 81,692 | 1/4 | 66,787 | 1/4 | 52,209 | 1/4 | 37,341 | 1/4 | 22,355 | 1/4 | 7,369 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 81,383 | 1/2 | 66,475 | 1/2 | 51,908 | 1/2 | 37,029 | 1/2 | 22,043 | 1/2 | 7,056 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 81,074 | 3/4 | 66,163 | 3/4 | 51,607 | 3/4 | 36,717 | 3/4 | 21,730 | 3/4 | 6,744 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 80,764 | 6 | 65,851 | 6 | 51,306 | 6 | 36,405 | 6 | 21,418 | 6 | 6,431 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 80,455 | 1/4 | 65,539 | 1/4 | 51,004 | 1/4 | 36,093 | 1/4 | 21,106 | 1/4 | 6,118 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 80,146 | 1/2 | 65,227 | 1/2 | 50,702 | 1/2 | 35,781 | 1/2 | 20,794 | 1/2 | 5,806 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,837 | 3/4 | 64,915 | 3/4 | 50,400 | 3/4 | 35,469 | 3/4 | 20,482 | 3/4 | 5,493 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 79,527 | 7 | 64,603 | 7 | 50,098 | 7 | 35,156 | 7 | 20,170 | 7 | 5,180 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 79,218 | 1/4 | 64,294 | 1/4 | 49,792 | 1/4 | 34,844 | 1/4 | 19,858 | 1/4 | 4,868 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 78,909 | 1/2 | 63,984 | 1/2 | 49,486 | 1/2 | 34,532 | 1/2 | 19,546 | 1/2 | 4,555 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 78,600 | 3/4 | 63,675 | 3/4 | 49,180 | 3/4 | 34,220 | 3/4 | 19,234 | 3/4 | 4,242 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 78,290 | 8 | 63,366 | 8 | 48,873 | 8 | 33,907 | 8 | 18,922 | 8 | 3,930 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 77,981 | 1/4 | 63,061 | 1/4 | 48,561 | 1/4 | 33,595 | 1/4 | 18,609 | 1/4 | 3,618 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 77,672 | 1/2 | 62,757 | 1/2 | 48,250 | 1/2 | 33,283 | 1/2 | 18,297 | 1/2 | 3,306 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 77,363 | 3/4 | 62,453 | 3/4 | 47,938 | 3/4 | 32,971 | 3/4 | 17,985 | 3/4 | 2,994 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 77,053 | 9 | 62,149 | 9 | 47,626 | 9 | 32,658 | 9 | 17,673 | 9 | 2,683 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 76,744 | 1/4 | 61,847 | 1/4 | 47,315 | 1/4 | 32,346 | 1/4 | 17,361 | 1/4 | 2,390 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,435 | 1/2 | 61,545 | 1/2 | 47,003 | 1/2 | 32,034 | 1/2 | 17,048 | 1/2 | 2,098 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,126 | 3/4 | 61,242 | 3/4 | 46,691 | 3/4 | 31,722 | 3/4 | 16,736 | 3/4 | 1,806 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 75,816 | 10 | 60,940 | 10 | 46,380 | 10 | 31,410 | 10 | 16,424 | 10 | 1,514 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 75,507 | 1/4 | 60,639 | 1/4 | 46,068 | 1/4 | 31,097 | 1/4 | 16,112 | 1/4 | 1,292 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,198 | 1/2 | 60,338 | 1/2 | 45,756 | 1/2 | 30,785 | 1/2 | 15,799 | 1/2 | 1,071 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,889 | 3/4 | 60,037 | 3/4 | 45,445 | 3/4 | 30,473 | 3/4 | 15,487 | 3/4 | 849 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 74,579 | 11 | 59,736 | 11 | 45,133 | 11 | 30,161 | 11 | 15,175 | 11 | 628 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 74,269 | 1/4 | 59,435 | 1/4 | 44,821 | 1/4 | 29,848 | 1/4 | 14,863 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,959 | 1/2 | 59,134 | 1/2 | 44,510 | 1/2 | 29,536 | 1/2 | 14,551 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,648 | 3/4 | 58,833 | 3/4 | 44,198 | 3/4 | 29,224 | 3/4 | 14,238 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/24/2012 CL - SW
CALCULATED: 09/24/2012 CL
PRINTED: 09/24/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2012

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



BARGE "GBL 3130"

PORT SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01 1/4"

| 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 | | |
| 0 | | 0 | | | 0 | 4,744 | | 0 | 3,591 | | 0 | 2,434 | | 0 | 1,277 | | 0 | 120 | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 1/4 | | 1/4 | | | 1/4 | 4,721 | | 1/4 | 3,567 | | 1/4 | 2,410 | | 1/4 | 1,253 | | 1/4 | 96 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 4,697 | | 1/2 | 3,543 | | 1/2 | 2,386 | | 1/2 | 1,229 | | 1/2 | 72 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 4,673 | | 3/4 | 3,518 | | 3/4 | 2,362 | | 3/4 | 1,205 | | 3/4 | 48 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |
| 1 | | 1 | | | 1 | 4,650 | | 1 | 3,494 | | 1 | 2,338 | | 1 | 1,181 | | 1 | 24 | | 1 | | | 1 | | | 1 | | | 1 | | | 1 |
| 1/4 | | 1/4 | | | 1/4 | 4,626 | | 1/4 | 3,470 | | 1/4 | 2,313 | | 1/4 | 1,157 | | 1/4 | 0 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 4,602 | | 1/2 | 3,446 | | 1/2 | 2,289 | | 1/2 | 1,133 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 4,578 | | 3/4 | 3,422 | | 3/4 | 2,265 | | 3/4 | 1,108 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |
| 2 | | 2 | | | 2 | 4,554 | | 2 | 3,398 | | 2 | 2,241 | | 2 | 1,084 | | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | | 2 |
| 1/4 | | 1/4 | | | 1/4 | 4,531 | | 1/4 | 3,374 | | 1/4 | 2,217 | | 1/4 | 1,060 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 4,507 | | 1/2 | 3,350 | | 1/2 | 2,193 | | 1/2 | 1,036 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 4,482 | | 3/4 | 3,326 | | 3/4 | 2,169 | | 3/4 | 1,012 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |
| 3 | | 3 | | | 3 | 4,458 | | 3 | 3,302 | | 3 | 2,145 | | 3 | 988 | | 3 | | | 3 | | | 3 | | | 3 | | | 3 | | | 3 |
| 1/4 | | 1/4 | | | 1/4 | 4,434 | | 1/4 | 3,277 | | 1/4 | 2,121 | | 1/4 | 964 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 4,410 | | 1/2 | 3,253 | | 1/2 | 2,097 | | 1/2 | 940 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 4,386 | | 3/4 | 3,229 | | 3/4 | 2,072 | | 3/4 | 916 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |
| 4 | | 4 | | | 4 | 4,362 | | 4 | 3,205 | | 4 | 2,048 | | 4 | 892 | | 4 | | | 4 | | | 4 | | | 4 | | | 4 | | | 4 |
| 1/4 | | 1/4 | | | 1/4 | 4,338 | | 1/4 | 3,181 | | 1/4 | 2,024 | | 1/4 | 867 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 4,314 | | 1/2 | 3,157 | | 1/2 | 2,000 | | 1/2 | 843 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 4,290 | | 3/4 | 3,133 | | 3/4 | 1,976 | | 3/4 | 819 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |
| 5 | | 5 | | | 5 | 4,266 | | 5 | 3,109 | | 5 | 1,952 | | 5 | 795 | | 5 | | | 5 | | | 5 | | | 5 | | | 5 | | | 5 |
| 1/4 | | 1/4 | | | 1/4 | 4,241 | | 1/4 | 3,085 | | 1/4 | 1,928 | | 1/4 | 771 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 4,217 | | 1/2 | 3,061 | | 1/2 | 1,904 | | 1/2 | 747 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 4,193 | | 3/4 | 3,036 | | 3/4 | 1,880 | | 3/4 | 723 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |
| 6 | | 6 | | | 6 | 4,169 | | 6 | 3,012 | | 6 | 1,856 | | 6 | 699 | | 6 | | | 6 | | | 6 | | | 6 | | | 6 | | | 6 |
| 1/4 | | 1/4 | | | 1/4 | 4,145 | | 1/4 | 2,988 | | 1/4 | 1,831 | | 1/4 | 675 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 4,121 | | 1/2 | 2,964 | | 1/2 | 1,807 | | 1/2 | 651 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 4,097 | | 3/4 | 2,940 | | 3/4 | 1,783 | | 3/4 | 626 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |
| 7 | | 7 | | | 7 | 4,073 | | 7 | 2,916 | | 7 | 1,759 | | 7 | 602 | | 7 | | | 7 | | | 7 | | | 7 | | | 7 | | | 7 |
| 1/4 | | 1/4 | | | 1/4 | 4,049 | | 1/4 | 2,892 | | 1/4 | 1,735 | | 1/4 | 578 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 4,025 | | 1/2 | 2,868 | | 1/2 | 1,711 | | 1/2 | 554 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 5,194 | | 3/4 | 4,000 | | 3/4 | 2,844 | | 3/4 | 530 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |
| 8 | | 8 | | | 8 | 5,146 | | 8 | 3,976 | | 8 | 2,820 | | 8 | 506 | | 8 | | | 8 | | | 8 | | | 8 | | | 8 | | | 8 |
| 1/4 | | 1/4 | | | 1/4 | 5,099 | | 1/4 | 3,952 | | 1/4 | 2,795 | | 1/4 | 482 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 5,075 | | 1/2 | 3,928 | | 1/2 | 2,771 | | 1/2 | 458 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 5,051 | | 3/4 | 3,904 | | 3/4 | 2,747 | | 3/4 | 434 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |
| 9 | | 9 | | | 9 | 5,028 | | 9 | 3,880 | | 9 | 2,723 | | 9 | 410 | | 9 | | | 9 | | | 9 | | | 9 | | | 9 | | | 9 |
| 1/4 | | 1/4 | | | 1/4 | 5,004 | | 1/4 | 3,856 | | 1/4 | 2,699 | | 1/4 | 385 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 4,980 | | 1/2 | 3,832 | | 1/2 | 2,675 | | 1/2 | 361 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 4,957 | | 3/4 | 3,808 | | 3/4 | 2,651 | | 3/4 | 337 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |
| 10 | | 10 | | | 10 | 4,933 | | 10 | 3,784 | | 10 | 2,627 | | 10 | 313 | | 10 | | | 10 | | | 10 | | | 10 | | | 10 | | | 10 |
| 1/4 | | 1/4 | | | 1/4 | 4,910 | | 1/4 | 3,759 | | 1/4 | 2,603 | | 1/4 | 289 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 4,886 | | 1/2 | 3,735 | | 1/2 | 2,579 | | 1/2 | 265 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 4,862 | | 3/4 | 3,711 | | 3/4 | 2,554 | | 3/4 | 241 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |
| 11 | | 11 | | | 11 | 4,839 | | 11 | 3,687 | | 11 | 2,530 | | 11 | 217 | | 11 | | | 11 | | | 11 | | | 11 | | | 11 | | | 11 |
| 1/4 | | 1/4 | | | 1/4 | 4,815 | | 1/4 | 3,663 | | 1/4 | 2,506 | | 1/4 | 193 | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 |
| 1/2 | | 1/2 | | | 1/2 | 4,791 | | 1/2 | 3,639 | | 1/2 | 2,482 | | 1/2 | 169 | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 |
| 3/4 | | 3/4 | | | 3/4 | 4,768 | | 3/4 | 3,615 | | 3/4 | 2,458 | | 3/4 | 144 | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 TO THREADS ON "MMC" VALVE.

STRAPPED: 09/24/2012 CL - SW
 CALCULATED: 09/24/2012 CL
 PRINTED: 09/24/2012 CL

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092

CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2012

Pearland, Texas 77588

<http://www.pmacorp.net>





BARGE "GBL 3130"

STBD SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01 1/4"

| 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 | | |
| 0 | | 0 | | | 0 | | | 4,744 | 0 | | 3,591 | 0 | | 2,434 | 0 | | 1,277 | 0 | | 120 | 0 | | 0 | | | 0 | | | 0 | | | |
| 1/4 | | 1/4 | | | 1/4 | | | 4,721 | 1/4 | | 3,567 | 1/4 | | 2,410 | 1/4 | | 1,253 | 1/4 | | 96 | 1/4 | | 1/4 | | | 1/4 | | | 1/4 | | | |
| 1/2 | | 1/2 | | | 1/2 | | | 4,697 | 1/2 | | 3,543 | 1/2 | | 2,386 | 1/2 | | 1,229 | 1/2 | | 72 | 1/2 | | 1/2 | | | 1/2 | | | 1/2 | | | |
| 3/4 | | 3/4 | | | 3/4 | | | 4,673 | 3/4 | | 3,518 | 3/4 | | 2,362 | 3/4 | | 1,205 | 3/4 | | 48 | 3/4 | | 3/4 | | | 3/4 | | | 3/4 | | | |
| 1 | | 1 | | | 1 | | | 4,650 | 1 | | 3,494 | 1 | | 2,338 | 1 | | 1,181 | 1 | | 24 | 1 | | 1 | | | 1 | | | 1 | | | |
| 1/4 | | 1/4 | | | 1/4 | | | 4,626 | 1/4 | | 3,470 | 1/4 | | 2,313 | 1/4 | | 1,157 | 1/4 | | 0 | 1/4 | | 1/4 | | | 1/4 | | | 1/4 | | | |
| 1/2 | | 1/2 | | | 1/2 | | | 4,602 | 1/2 | | 3,446 | 1/2 | | 2,289 | 1/2 | | 1,133 | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | |
| 3/4 | | 3/4 | | | 3/4 | | | 4,578 | 3/4 | | 3,422 | 3/4 | | 2,265 | 3/4 | | 1,108 | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | |
| 2 | | 2 | | | 2 | | | 4,554 | 2 | | 3,398 | 2 | | 2,241 | 2 | | 1,084 | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | |
| 1/4 | | 1/4 | | | 1/4 | | | 4,531 | 1/4 | | 3,374 | 1/4 | | 2,217 | 1/4 | | 1,060 | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | 1/2 | | | 1/2 | | | 4,507 | 1/2 | | 3,350 | 1/2 | | 2,193 | 1/2 | | 1,036 | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | |
| 3/4 | | 3/4 | | | 3/4 | | | 4,482 | 3/4 | | 3,326 | 3/4 | | 2,169 | 3/4 | | 1,012 | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | |
| 3 | | 3 | | | 3 | | | 4,458 | 3 | | 3,302 | 3 | | 2,145 | 3 | | 988 | 3 | | | 3 | | | 3 | | | 3 | | | 3 | | |
| 1/4 | | 1/4 | | | 1/4 | | | 4,434 | 1/4 | | 3,277 | 1/4 | | 2,121 | 1/4 | | 964 | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | 1/2 | | | 1/2 | | | 4,410 | 1/2 | | 3,253 | 1/2 | | 2,097 | 1/2 | | 940 | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | |
| 3/4 | | 3/4 | | | 3/4 | | | 4,386 | 3/4 | | 3,229 | 3/4 | | 2,072 | 3/4 | | 916 | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | |
| 4 | | 4 | | | 4 | | | 4,362 | 4 | | 3,205 | 4 | | 2,048 | 4 | | 892 | 4 | | | 4 | | | 4 | | | 4 | | | 4 | | |
| 1/4 | | 1/4 | | | 1/4 | | | 4,338 | 1/4 | | 3,181 | 1/4 | | 2,024 | 1/4 | | 867 | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | 1/2 | | | 1/2 | | | 4,314 | 1/2 | | 3,157 | 1/2 | | 2,000 | 1/2 | | 843 | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | |
| 3/4 | | 3/4 | | | 3/4 | | | 4,290 | 3/4 | | 3,133 | 3/4 | | 1,976 | 3/4 | | 819 | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | |
| 5 | | 5 | | | 5 | | | 4,266 | 5 | | 3,109 | 5 | | 1,952 | 5 | | 795 | 5 | | | 5 | | | 5 | | | 5 | | | 5 | | |
| 1/4 | | 1/4 | | | 1/4 | | | 4,241 | 1/4 | | 3,085 | 1/4 | | 1,928 | 1/4 | | 771 | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | 1/2 | | | 1/2 | | | 4,217 | 1/2 | | 3,061 | 1/2 | | 1,904 | 1/2 | | 747 | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | |
| 3/4 | | 3/4 | | | 3/4 | | | 4,193 | 3/4 | | 3,036 | 3/4 | | 1,880 | 3/4 | | 723 | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | |
| 6 | | 6 | | | 6 | | | 4,169 | 6 | | 3,012 | 6 | | 1,856 | 6 | | 699 | 6 | | | 6 | | | 6 | | | 6 | | | 6 | | |
| 1/4 | | 1/4 | | | 1/4 | | | 4,145 | 1/4 | | 2,988 | 1/4 | | 1,831 | 1/4 | | 675 | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | 1/2 | | | 1/2 | | | 4,121 | 1/2 | | 2,964 | 1/2 | | 1,807 | 1/2 | | 651 | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | |
| 3/4 | | 3/4 | | | 3/4 | | | 4,097 | 3/4 | | 2,940 | 3/4 | | 1,783 | 3/4 | | 626 | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | |
| 7 | | 7 | | | 7 | | | 4,073 | 7 | | 2,916 | 7 | | 1,759 | 7 | | 602 | 7 | | | 7 | | | 7 | | | 7 | | | 7 | | |
| 1/4 | | 1/4 | | | 1/4 | | | 4,049 | 1/4 | | 2,892 | 1/4 | | 1,735 | 1/4 | | 578 | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | 1/2 | | | 1/2 | | | 4,025 | 1/2 | | 2,868 | 1/2 | | 1,711 | 1/2 | | 554 | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | |
| 3/4 | | 3/4 | | | 3/4 | | | 5,194 | 3/4 | | 4,000 | 3/4 | | 2,844 | 3/4 | | 530 | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | |
| 8 | | 8 | | | 8 | | | 5,146 | 8 | | 3,976 | 8 | | 2,820 | 8 | | 506 | 8 | | | 8 | | | 8 | | | 8 | | | 8 | | |
| 1/4 | | 1/4 | | | 1/4 | | | 5,099 | 1/4 | | 3,952 | 1/4 | | 2,795 | 1/4 | | 482 | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | 1/2 | | | 1/2 | | | 5,075 | 1/2 | | 3,928 | 1/2 | | 2,771 | 1/2 | | 458 | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | |
| 3/4 | | 3/4 | | | 3/4 | | | 5,051 | 3/4 | | 3,904 | 3/4 | | 2,747 | 3/4 | | 434 | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | |
| 9 | | 9 | | | 9 | | | 5,028 | 9 | | 3,880 | 9 | | 2,723 | 9 | | 410 | 9 | | | 9 | | | 9 | | | 9 | | | 9 | | |
| 1/4 | | 1/4 | | | 1/4 | | | 5,004 | 1/4 | | 3,856 | 1/4 | | 2,699 | 1/4 | | 385 | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | 1/2 | | | 1/2 | | | 4,980 | 1/2 | | 3,832 | 1/2 | | 2,675 | 1/2 | | 361 | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | |
| 3/4 | | 3/4 | | | 3/4 | | | 4,957 | 3/4 | | 3,808 | 3/4 | | 2,651 | 3/4 | | 337 | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | |
| 10 | | 10 | | | 10 | | | 4,933 | 10 | | 3,784 | 10 | | 2,627 | 10 | | 313 | 10 | | | 10 | | | 10 | | | 10 | | | 10 | | |
| 1/4 | | 1/4 | | | 1/4 | | | 4,910 | 1/4 | | 3,759 | 1/4 | | 2,603 | 1/4 | | 289 | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | 1/2 | | | 1/2 | | | 4,886 | 1/2 | | 3,735 | 1/2 | | 2,579 | 1/2 | | 265 | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | |
| 3/4 | | 3/4 | | | 3/4 | | | 4,862 | 3/4 | | 3,711 | 3/4 | | 2,554 | 3/4 | | 241 | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | |
| 11 | | 11 | | | 11 | | | 4,839 | 11 | | 3,687 | 11 | | 2,530 | 11 | | 217 | 11 | | | 11 | | | 11 | | | 11 | | | 11 | | |
| 1/4 | | 1/4 | | | 1/4 | | | 4,815 | 1/4 | | 3,663 | 1/4 | | 2,506 | 1/4 | | 193 | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | 1/2 | | | 1/2 | | | 4,791 | 1/2 | | 3,639 | 1/2 | | 2,482 | 1/2 | | 169 | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | |
| 3/4 | | 3/4 | | | 3/4 | | | 4,768 | 3/4 | | 3,615 | 3/4 | | 2,458 | 3/4 | | 144 | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | | 3/4 | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 TO THREADS ON "MMC" VALVE.

STRAPPED: 09/24/2012 CL - SW
 CALCULATED: 09/24/2012 CL
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PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092

CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2012

Pearland, Texas 77588

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