



BARGE "IB 1952"

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 CENTER | - 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 CENTER | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-3/8 | - 00-3/8 | 00-1/2 | - 00-1/2 |
| 3 CENTER | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-1/2 | - 00-1/2 | 00-5/8 | - 00-5/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 CENTER IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

June 11, 2015

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

<http://www.pmacorp.net>



BARGE "IB 1952"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

| 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 | 160,075 | 0 | 150,103 | 0 | 138,693 | 0 | 127,284 | 0 | 115,874 | 0 | 104,465 | 0 | 93,055 | 0 | 81,646 | 0 | 70,236 | |
| 1/4 | 1/4 | 160,026 | 1/4 | 149,865 | 1/4 | 138,456 | 1/4 | 127,046 | 1/4 | 115,637 | 1/4 | 104,227 | 1/4 | 92,818 | 1/4 | 81,408 | 1/4 | 69,998 | |
| 1/2 | 1/2 | 159,977 | 1/2 | 149,628 | 1/2 | 138,218 | 1/2 | 126,808 | 1/2 | 115,399 | 1/2 | 103,989 | 1/2 | 92,580 | 1/2 | 81,170 | 1/2 | 69,761 | |
| 3/4 | 3/4 | 159,928 | 3/4 | 149,390 | 3/4 | 137,980 | 3/4 | 126,571 | 3/4 | 115,161 | 3/4 | 103,752 | 3/4 | 92,342 | 3/4 | 80,933 | 3/4 | 69,523 | |
| 1 | 1 | 159,879 | 1 | 149,152 | 1 | 137,743 | 1 | 126,333 | 1 | 114,924 | 1 | 103,514 | 1 | 92,104 | 1 | 80,695 | 1 | 69,285 | |
| 1/4 | 1/4 | 159,819 | 1/4 | 148,915 | 1/4 | 137,505 | 1/4 | 126,095 | 1/4 | 114,686 | 1/4 | 103,276 | 1/4 | 91,867 | 1/4 | 80,457 | 1/4 | 69,048 | |
| 1/2 | 1/2 | 159,642 | 1/2 | 148,677 | 1/2 | 137,267 | 1/2 | 125,858 | 1/2 | 114,448 | 1/2 | 103,039 | 1/2 | 91,629 | 1/2 | 80,219 | 1/2 | 68,810 | |
| 3/4 | 3/4 | 159,523 | 3/4 | 148,439 | 3/4 | 137,030 | 3/4 | 125,620 | 3/4 | 114,210 | 3/4 | 102,801 | 3/4 | 91,391 | 3/4 | 79,982 | 3/4 | 68,572 | |
| 2 | 2 | 159,404 | 2 | 148,201 | 2 | 136,792 | 2 | 125,382 | 2 | 113,973 | 2 | 102,563 | 2 | 91,154 | 2 | 79,744 | 2 | 68,335 | |
| 1/4 | 1/4 | 159,210 | 1/4 | 147,964 | 1/4 | 136,554 | 1/4 | 125,145 | 1/4 | 113,735 | 1/4 | 102,325 | 1/4 | 90,916 | 1/4 | 79,506 | 1/4 | 68,097 | |
| 1/2 | 1/2 | 159,016 | 1/2 | 147,726 | 1/2 | 136,316 | 1/2 | 124,907 | 1/2 | 113,497 | 1/2 | 102,088 | 1/2 | 90,678 | 1/2 | 79,269 | 1/2 | 67,859 | |
| 3/4 | 3/4 | 158,822 | 3/4 | 147,488 | 3/4 | 136,079 | 3/4 | 124,669 | 3/4 | 113,260 | 3/4 | 101,850 | 3/4 | 90,441 | 3/4 | 79,031 | 3/4 | 67,621 | |
| 3 | 3 | 158,629 | 3 | 147,251 | 3 | 135,841 | 3 | 124,432 | 3 | 113,022 | 3 | 101,612 | 3 | 90,203 | 3 | 78,793 | 3 | 67,384 | |
| 1/4 | 1/4 | 158,398 | 1/4 | 147,013 | 1/4 | 135,603 | 1/4 | 124,194 | 1/4 | 112,784 | 1/4 | 101,375 | 1/4 | 89,965 | 1/4 | 78,556 | 1/4 | 67,146 | |
| 1/2 | 1/2 | 158,167 | 1/2 | 146,775 | 1/2 | 135,366 | 1/2 | 123,956 | 1/2 | 112,547 | 1/2 | 101,137 | 1/2 | 89,727 | 1/2 | 78,318 | 1/2 | 66,908 | |
| 3/4 | 3/4 | 157,937 | 3/4 | 146,538 | 3/4 | 135,128 | 3/4 | 123,718 | 3/4 | 112,309 | 3/4 | 100,899 | 3/4 | 89,490 | 3/4 | 78,080 | 3/4 | 66,671 | |
| 4 | 4 | 157,706 | 4 | 146,300 | 4 | 134,890 | 4 | 123,481 | 4 | 112,071 | 4 | 100,662 | 4 | 89,252 | 4 | 77,842 | 4 | 66,433 | |
| 1/4 | 1/4 | 157,469 | 1/4 | 146,062 | 1/4 | 134,653 | 1/4 | 123,243 | 1/4 | 111,833 | 1/4 | 100,424 | 1/4 | 89,014 | 1/4 | 77,605 | 1/4 | 66,195 | |
| 1/2 | 1/2 | 157,232 | 1/2 | 145,824 | 1/2 | 134,415 | 1/2 | 123,005 | 1/2 | 111,596 | 1/2 | 100,186 | 1/2 | 88,777 | 1/2 | 77,367 | 1/2 | 65,958 | |
| 3/4 | 3/4 | 156,995 | 3/4 | 145,587 | 3/4 | 134,177 | 3/4 | 122,768 | 3/4 | 111,358 | 3/4 | 99,948 | 3/4 | 88,539 | 3/4 | 77,129 | 3/4 | 65,720 | |
| 5 | 5 | 156,758 | 5 | 145,349 | 5 | 133,939 | 5 | 122,530 | 5 | 111,120 | 5 | 99,711 | 5 | 88,301 | 5 | 76,892 | 5 | 65,482 | |
| 1/4 | 1/4 | 156,520 | 1/4 | 145,111 | 1/4 | 133,702 | 1/4 | 122,292 | 1/4 | 110,883 | 1/4 | 99,473 | 1/4 | 88,064 | 1/4 | 76,654 | 1/4 | 65,244 | |
| 1/2 | 1/2 | 156,283 | 1/2 | 144,874 | 1/2 | 133,464 | 1/2 | 122,055 | 1/2 | 110,645 | 1/2 | 99,235 | 1/2 | 87,826 | 1/2 | 76,416 | 1/2 | 65,007 | |
| 3/4 | 3/4 | 156,045 | 3/4 | 144,636 | 3/4 | 133,226 | 3/4 | 121,817 | 3/4 | 110,407 | 3/4 | 98,998 | 3/4 | 87,588 | 3/4 | 76,179 | 3/4 | 64,769 | |
| 6 | 6 | 155,808 | 6 | 144,398 | 6 | 132,989 | 6 | 121,579 | 6 | 110,170 | 6 | 98,760 | 6 | 87,350 | 6 | 75,941 | 6 | 64,531 | |
| 1/4 | 1/4 | 155,570 | 1/4 | 144,161 | 1/4 | 132,751 | 1/4 | 121,341 | 1/4 | 109,932 | 1/4 | 98,522 | 1/4 | 87,113 | 1/4 | 75,703 | 1/4 | 64,294 | |
| 1/2 | 1/2 | 155,332 | 1/2 | 143,923 | 1/2 | 132,513 | 1/2 | 121,104 | 1/2 | 109,694 | 1/2 | 98,285 | 1/2 | 86,875 | 1/2 | 75,465 | 1/2 | 64,056 | |
| 3/4 | 3/4 | 155,095 | 3/4 | 143,685 | 3/4 | 132,276 | 3/4 | 120,866 | 3/4 | 109,456 | 3/4 | 98,047 | 3/4 | 86,637 | 3/4 | 75,228 | 3/4 | 63,818 | |
| 7 | 7 | 154,857 | 7 | 143,447 | 7 | 132,038 | 7 | 120,628 | 7 | 109,219 | 7 | 97,809 | 7 | 86,400 | 7 | 74,990 | 7 | 63,581 | |
| 1/4 | 1/4 | 154,619 | 1/4 | 143,210 | 1/4 | 131,800 | 1/4 | 120,391 | 1/4 | 108,981 | 1/4 | 97,572 | 1/4 | 86,162 | 1/4 | 74,752 | 1/4 | 63,343 | |
| 1/2 | 1/2 | 154,382 | 1/2 | 142,972 | 1/2 | 131,562 | 1/2 | 120,153 | 1/2 | 108,743 | 1/2 | 97,334 | 1/2 | 85,924 | 1/2 | 74,515 | 1/2 | 63,105 | |
| 3/4 | 3/4 | 154,144 | 3/4 | 142,734 | 3/4 | 131,325 | 3/4 | 119,915 | 3/4 | 108,506 | 3/4 | 97,096 | 3/4 | 85,687 | 3/4 | 74,277 | 3/4 | 62,867 | |
| 8 | 8 | 153,906 | 8 | 142,497 | 8 | 131,087 | 8 | 119,678 | 8 | 108,268 | 8 | 96,858 | 8 | 85,449 | 8 | 74,039 | 8 | 62,630 | |
| 1/4 | 1/4 | 153,668 | 1/4 | 142,259 | 1/4 | 130,849 | 1/4 | 119,440 | 1/4 | 108,030 | 1/4 | 96,621 | 1/4 | 85,211 | 1/4 | 73,802 | 1/4 | 62,392 | |
| 1/2 | 1/2 | 153,431 | 1/2 | 142,021 | 1/2 | 130,612 | 1/2 | 119,202 | 1/2 | 107,793 | 1/2 | 96,383 | 1/2 | 84,973 | 1/2 | 73,564 | 1/2 | 62,154 | |
| 3/4 | 3/4 | 153,193 | 3/4 | 141,784 | 3/4 | 130,374 | 3/4 | 118,964 | 3/4 | 107,555 | 3/4 | 96,145 | 3/4 | 84,736 | 3/4 | 73,326 | 3/4 | 61,917 | |
| 9 | 9 | 152,955 | 9 | 141,546 | 9 | 130,136 | 9 | 118,727 | 9 | 107,317 | 9 | 95,908 | 9 | 84,498 | 9 | 73,089 | 9 | 61,679 | |
| 1/4 | 1/4 | 152,718 | 1/4 | 141,308 | 1/4 | 129,899 | 1/4 | 118,489 | 1/4 | 107,079 | 1/4 | 95,670 | 1/4 | 84,260 | 1/4 | 72,851 | 1/4 | 61,441 | |
| 1/2 | 1/2 | 152,480 | 1/2 | 141,070 | 1/2 | 129,661 | 1/2 | 118,251 | 1/2 | 106,842 | 1/2 | 95,432 | 1/2 | 84,023 | 1/2 | 72,613 | 1/2 | 61,204 | |
| 3/4 | 3/4 | 152,242 | 3/4 | 140,833 | 3/4 | 129,423 | 3/4 | 118,014 | 3/4 | 106,604 | 3/4 | 95,195 | 3/4 | 83,785 | 3/4 | 72,375 | 3/4 | 60,966 | |
| 10 | 10 | 152,005 | 10 | 140,595 | 10 | 129,185 | 10 | 117,776 | 10 | 106,366 | 10 | 94,957 | 10 | 83,547 | 10 | 72,138 | 10 | 60,728 | |
| 1/4 | 1/4 | 151,767 | 1/4 | 140,357 | 1/4 | 128,948 | 1/4 | 117,538 | 1/4 | 106,129 | 1/4 | 94,719 | 1/4 | 83,310 | 1/4 | 71,900 | 1/4 | 60,490 | |
| 1/2 | 1/2 | 151,529 | 1/2 | 140,120 | 1/2 | 128,710 | 1/2 | 117,301 | 1/2 | 105,891 | 1/2 | 94,481 | 1/2 | 83,072 | 1/2 | 71,662 | 1/2 | 60,253 | |
| 3/4 | 3/4 | 151,292 | 3/4 | 139,882 | 3/4 | 128,472 | 3/4 | 117,063 | 3/4 | 105,653 | 3/4 | 94,244 | 3/4 | 82,834 | 3/4 | 71,425 | 3/4 | 60,015 | |
| 11 | 11 | 151,054 | 11 | 139,644 | 11 | 128,235 | 11 | 116,825 | 11 | 105,416 | 11 | 94,006 | 11 | 82,596 | 11 | 71,187 | 11 | 59,777 | |
| 1/4 | 1/4 | 150,816 | 1/4 | 139,407 | 1/4 | 127,997 | 1/4 | 116,587 | 1/4 | 105,178 | 1/4 | 93,768 | 1/4 | 82,359 | 1/4 | 70,949 | 1/4 | 59,540 | |
| 1/2 | 1/2 | 150,578 | 1/2 | 139,169 | 1/2 | 127,759 | 1/2 | 116,350 | 1/2 | 104,940 | 1/2 | 93,531 | 1/2 | 82,121 | 1/2 | 70,712 | 1/2 | 59,302 | |
| 3/4 | 3/4 | 150,341 | 3/4 | 138,931 | 3/4 | 127,522 | 3/4 | 116,112 | 3/4 | 104,702 | 3/4 | 93,293 | 3/4 | 81,883 | 3/4 | 70,474 | 3/4 | 59,064 | |

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 TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "IB 1952"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

| 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 | 58,827 | 0 | 47,417 | 0 | 36,008 | 0 | 24,616 | 0 | 13,207 | 0 | 1,805 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 58,589 | 1/4 | 47,179 | 1/4 | 35,771 | 1/4 | 24,378 | 1/4 | 12,969 | 1/4 | 1,593 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 58,351 | 1/2 | 46,942 | 1/2 | 35,534 | 1/2 | 24,140 | 1/2 | 12,731 | 1/2 | 1,381 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 58,113 | 3/4 | 46,704 | 3/4 | 35,297 | 3/4 | 23,903 | 3/4 | 12,493 | 3/4 | 1,169 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 57,876 | 1 | 46,466 | 1 | 35,059 | 1 | 23,665 | 1 | 12,256 | 1 | 957 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 57,638 | 1/4 | 46,229 | 1/4 | 34,822 | 1/4 | 23,427 | 1/4 | 12,018 | 1/4 | 809 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 57,400 | 1/2 | 45,991 | 1/2 | 34,585 | 1/2 | 23,190 | 1/2 | 11,780 | 1/2 | 660 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 57,163 | 3/4 | 45,753 | 3/4 | 34,347 | 3/4 | 22,952 | 3/4 | 11,543 | 3/4 | 511 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 56,925 | 2 | 45,515 | 2 | 34,110 | 2 | 22,714 | 2 | 11,305 | 2 | 363 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 56,687 | 1/4 | 45,278 | 1/4 | 33,873 | 1/4 | 22,476 | 1/4 | 11,067 | 1/4 | 294 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 56,450 | 1/2 | 45,040 | 1/2 | 33,636 | 1/2 | 22,239 | 1/2 | 10,830 | 1/2 | 224 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 56,212 | 3/4 | 44,802 | 3/4 | 33,398 | 3/4 | 22,001 | 3/4 | 10,592 | 3/4 | 155 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 55,974 | 3 | 44,565 | 3 | 33,161 | 3 | 21,763 | 3 | 10,354 | 3 | 86 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 55,736 | 1/4 | 44,327 | 1/4 | 32,924 | 1/4 | 21,526 | 1/4 | 10,117 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 55,499 | 1/2 | 44,089 | 1/2 | 32,687 | 1/2 | 21,288 | 1/2 | 9,879 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 55,261 | 3/4 | 43,852 | 3/4 | 32,449 | 3/4 | 21,050 | 3/4 | 9,641 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 55,023 | 4 | 43,614 | 4 | 32,212 | 4 | 20,813 | 4 | 9,404 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 54,786 | 1/4 | 43,376 | 1/4 | 31,975 | 1/4 | 20,575 | 1/4 | 9,166 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 54,548 | 1/2 | 43,138 | 1/2 | 31,738 | 1/2 | 20,337 | 1/2 | 8,928 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 54,310 | 3/4 | 42,901 | 3/4 | 31,500 | 3/4 | 20,100 | 3/4 | 8,690 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 54,073 | 5 | 42,663 | 5 | 31,263 | 5 | 19,862 | 5 | 8,453 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 53,835 | 1/4 | 42,425 | 1/4 | 31,026 | 1/4 | 19,624 | 1/4 | 8,215 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 53,597 | 1/2 | 42,188 | 1/2 | 30,789 | 1/2 | 19,386 | 1/2 | 7,977 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 53,359 | 3/4 | 41,950 | 3/4 | 30,551 | 3/4 | 19,149 | 3/4 | 7,740 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 53,122 | 6 | 41,712 | 6 | 30,314 | 6 | 18,911 | 6 | 7,502 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 52,884 | 1/4 | 41,475 | 1/4 | 30,077 | 1/4 | 18,673 | 1/4 | 7,264 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 52,646 | 1/2 | 41,237 | 1/2 | 29,840 | 1/2 | 18,436 | 1/2 | 7,027 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 52,409 | 3/4 | 40,999 | 3/4 | 29,602 | 3/4 | 18,198 | 3/4 | 6,789 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 52,171 | 7 | 40,761 | 7 | 29,365 | 7 | 17,960 | 7 | 6,551 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 51,933 | 1/4 | 40,524 | 1/4 | 29,128 | 1/4 | 17,723 | 1/4 | 6,314 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 51,696 | 1/2 | 40,286 | 1/2 | 28,891 | 1/2 | 17,485 | 1/2 | 6,076 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 51,458 | 3/4 | 40,048 | 3/4 | 28,653 | 3/4 | 17,247 | 3/4 | 5,838 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 51,220 | 8 | 39,811 | 8 | 28,416 | 8 | 17,010 | 8 | 5,601 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 50,982 | 1/4 | 39,573 | 1/4 | 28,179 | 1/4 | 16,772 | 1/4 | 5,363 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 50,745 | 1/2 | 39,335 | 1/2 | 27,942 | 1/2 | 16,534 | 1/2 | 5,125 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 50,507 | 3/4 | 39,098 | 3/4 | 27,705 | 3/4 | 16,297 | 3/4 | 4,888 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 50,269 | 9 | 38,860 | 9 | 27,467 | 9 | 16,059 | 9 | 4,650 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 50,032 | 1/4 | 38,622 | 1/4 | 27,230 | 1/4 | 15,821 | 1/4 | 4,412 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 49,794 | 1/2 | 38,384 | 1/2 | 26,992 | 1/2 | 15,583 | 1/2 | 4,175 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 49,556 | 3/4 | 38,147 | 3/4 | 26,755 | 3/4 | 15,346 | 3/4 | 3,937 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 49,319 | 10 | 37,909 | 10 | 26,517 | 10 | 15,108 | 10 | 3,699 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 49,081 | 1/4 | 37,671 | 1/4 | 26,279 | 1/4 | 14,870 | 1/4 | 3,462 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 48,843 | 1/2 | 37,434 | 1/2 | 26,042 | 1/2 | 14,633 | 1/2 | 3,225 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 48,605 | 3/4 | 37,196 | 3/4 | 25,804 | 3/4 | 14,395 | 3/4 | 2,987 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 48,368 | 11 | 36,958 | 11 | 25,566 | 11 | 14,157 | 11 | 2,750 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 48,130 | 1/4 | 36,721 | 1/4 | 25,329 | 1/4 | 13,920 | 1/4 | 2,514 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 47,892 | 1/2 | 36,483 | 1/2 | 25,091 | 1/2 | 13,682 | 1/2 | 2,278 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 47,655 | 3/4 | 36,246 | 3/4 | 24,853 | 3/4 | 13,444 | 3/4 | 2,042 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/10/2015 CL
CALCULATED: 06/11/2015 CL
PRINTED: 06/11/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

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



BARGE "IB 1952"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

| 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 | 161,278 | 0 | 151,215 | 0 | 139,701 | 0 | 128,186 | 0 | 116,672 | 0 | 105,158 | 0 | 93,644 | 0 | 82,130 | 0 | 70,615 | |
| 1/4 | 1/4 | 161,229 | 1/4 | 150,975 | 1/4 | 139,461 | 1/4 | 127,947 | 1/4 | 116,432 | 1/4 | 104,918 | 1/4 | 93,404 | 1/4 | 81,890 | 1/4 | 70,375 | |
| 1/2 | 1/2 | 161,180 | 1/2 | 150,735 | 1/2 | 139,221 | 1/2 | 127,707 | 1/2 | 116,192 | 1/2 | 104,678 | 1/2 | 93,164 | 1/2 | 81,650 | 1/2 | 70,136 | |
| 3/4 | 3/4 | 161,130 | 3/4 | 150,495 | 3/4 | 138,981 | 3/4 | 127,467 | 3/4 | 115,953 | 3/4 | 104,438 | 3/4 | 92,924 | 3/4 | 81,410 | 3/4 | 69,896 | |
| 1 | 1 | 161,081 | 1 | 150,255 | 1 | 138,741 | 1 | 127,227 | 1 | 115,713 | 1 | 104,198 | 1 | 92,684 | 1 | 81,170 | 1 | 69,656 | |
| 1/4 | 1/4 | 160,961 | 1/4 | 150,016 | 1/4 | 138,501 | 1/4 | 126,987 | 1/4 | 115,473 | 1/4 | 103,959 | 1/4 | 92,444 | 1/4 | 80,930 | 1/4 | 69,416 | |
| 1/2 | 1/2 | 160,841 | 1/2 | 149,776 | 1/2 | 138,261 | 1/2 | 126,747 | 1/2 | 115,233 | 1/2 | 103,719 | 1/2 | 92,205 | 1/2 | 80,690 | 1/2 | 69,176 | |
| 3/4 | 3/4 | 160,721 | 3/4 | 149,536 | 3/4 | 138,022 | 3/4 | 126,507 | 3/4 | 114,993 | 3/4 | 103,479 | 3/4 | 91,965 | 3/4 | 80,450 | 3/4 | 68,936 | |
| 2 | 2 | 160,601 | 2 | 149,296 | 2 | 137,782 | 2 | 126,267 | 2 | 114,753 | 2 | 103,239 | 2 | 91,725 | 2 | 80,211 | 2 | 68,696 | |
| 1/4 | 1/4 | 160,406 | 1/4 | 149,056 | 1/4 | 137,542 | 1/4 | 126,028 | 1/4 | 114,513 | 1/4 | 102,999 | 1/4 | 91,485 | 1/4 | 79,971 | 1/4 | 68,456 | |
| 1/2 | 1/2 | 160,210 | 1/2 | 148,816 | 1/2 | 137,302 | 1/2 | 125,788 | 1/2 | 114,273 | 1/2 | 102,759 | 1/2 | 91,245 | 1/2 | 79,731 | 1/2 | 68,217 | |
| 3/4 | 3/4 | 160,014 | 3/4 | 148,576 | 3/4 | 137,062 | 3/4 | 125,548 | 3/4 | 114,034 | 3/4 | 102,519 | 3/4 | 91,005 | 3/4 | 79,491 | 3/4 | 67,977 | |
| 3 | 3 | 159,819 | 3 | 148,336 | 3 | 136,822 | 3 | 125,308 | 3 | 113,794 | 3 | 102,279 | 3 | 90,765 | 3 | 79,251 | 3 | 67,737 | |
| 1/4 | 1/4 | 159,586 | 1/4 | 148,096 | 1/4 | 136,582 | 1/4 | 125,068 | 1/4 | 113,554 | 1/4 | 102,040 | 1/4 | 90,525 | 1/4 | 79,011 | 1/4 | 67,497 | |
| 1/2 | 1/2 | 159,353 | 1/2 | 147,857 | 1/2 | 136,342 | 1/2 | 124,828 | 1/2 | 113,314 | 1/2 | 101,800 | 1/2 | 90,285 | 1/2 | 78,771 | 1/2 | 67,257 | |
| 3/4 | 3/4 | 159,120 | 3/4 | 147,617 | 3/4 | 136,103 | 3/4 | 124,588 | 3/4 | 113,074 | 3/4 | 101,560 | 3/4 | 90,046 | 3/4 | 78,531 | 3/4 | 67,017 | |
| 4 | 4 | 158,888 | 4 | 147,377 | 4 | 135,863 | 4 | 124,348 | 4 | 112,834 | 4 | 101,320 | 4 | 89,806 | 4 | 78,291 | 4 | 66,777 | |
| 1/4 | 1/4 | 158,648 | 1/4 | 147,137 | 1/4 | 135,623 | 1/4 | 124,109 | 1/4 | 112,594 | 1/4 | 101,080 | 1/4 | 89,566 | 1/4 | 78,052 | 1/4 | 66,537 | |
| 1/2 | 1/2 | 158,409 | 1/2 | 146,897 | 1/2 | 135,383 | 1/2 | 123,869 | 1/2 | 112,354 | 1/2 | 100,840 | 1/2 | 89,326 | 1/2 | 77,812 | 1/2 | 66,297 | |
| 3/4 | 3/4 | 158,170 | 3/4 | 146,657 | 3/4 | 135,143 | 3/4 | 123,629 | 3/4 | 112,115 | 3/4 | 100,600 | 3/4 | 89,086 | 3/4 | 77,572 | 3/4 | 66,058 | |
| 5 | 5 | 157,931 | 5 | 146,417 | 5 | 134,903 | 5 | 123,389 | 5 | 111,875 | 5 | 100,360 | 5 | 88,846 | 5 | 77,332 | 5 | 65,818 | |
| 1/4 | 1/4 | 157,691 | 1/4 | 146,177 | 1/4 | 134,663 | 1/4 | 123,149 | 1/4 | 111,635 | 1/4 | 100,121 | 1/4 | 88,606 | 1/4 | 77,092 | 1/4 | 65,578 | |
| 1/2 | 1/2 | 157,451 | 1/2 | 145,938 | 1/2 | 134,423 | 1/2 | 122,909 | 1/2 | 111,395 | 1/2 | 99,881 | 1/2 | 88,366 | 1/2 | 76,852 | 1/2 | 65,338 | |
| 3/4 | 3/4 | 157,212 | 3/4 | 145,698 | 3/4 | 134,183 | 3/4 | 122,669 | 3/4 | 111,155 | 3/4 | 99,641 | 3/4 | 88,127 | 3/4 | 76,612 | 3/4 | 65,098 | |
| 6 | 6 | 156,972 | 6 | 145,458 | 6 | 133,944 | 6 | 122,429 | 6 | 110,915 | 6 | 99,401 | 6 | 87,887 | 6 | 76,372 | 6 | 64,858 | |
| 1/4 | 1/4 | 156,732 | 1/4 | 145,218 | 1/4 | 133,704 | 1/4 | 122,189 | 1/4 | 110,675 | 1/4 | 99,161 | 1/4 | 87,647 | 1/4 | 76,133 | 1/4 | 64,618 | |
| 1/2 | 1/2 | 156,492 | 1/2 | 144,978 | 1/2 | 133,464 | 1/2 | 121,950 | 1/2 | 110,435 | 1/2 | 98,921 | 1/2 | 87,407 | 1/2 | 75,893 | 1/2 | 64,378 | |
| 3/4 | 3/4 | 156,252 | 3/4 | 144,738 | 3/4 | 133,224 | 3/4 | 121,710 | 3/4 | 110,195 | 3/4 | 98,681 | 3/4 | 87,167 | 3/4 | 75,653 | 3/4 | 64,139 | |
| 7 | 7 | 156,013 | 7 | 144,498 | 7 | 132,984 | 7 | 121,470 | 7 | 109,956 | 7 | 98,441 | 7 | 86,927 | 7 | 75,413 | 7 | 63,899 | |
| 1/4 | 1/4 | 155,773 | 1/4 | 144,258 | 1/4 | 132,744 | 1/4 | 121,230 | 1/4 | 109,716 | 1/4 | 98,201 | 1/4 | 86,687 | 1/4 | 75,173 | 1/4 | 63,659 | |
| 1/2 | 1/2 | 155,533 | 1/2 | 144,019 | 1/2 | 132,504 | 1/2 | 120,990 | 1/2 | 109,476 | 1/2 | 97,962 | 1/2 | 86,447 | 1/2 | 74,933 | 1/2 | 63,419 | |
| 3/4 | 3/4 | 155,293 | 3/4 | 143,779 | 3/4 | 132,264 | 3/4 | 120,750 | 3/4 | 109,236 | 3/4 | 97,722 | 3/4 | 86,208 | 3/4 | 74,693 | 3/4 | 63,179 | |
| 8 | 8 | 155,053 | 8 | 143,539 | 8 | 132,025 | 8 | 120,510 | 8 | 108,996 | 8 | 97,482 | 8 | 85,968 | 8 | 74,453 | 8 | 62,939 | |
| 1/4 | 1/4 | 154,813 | 1/4 | 143,299 | 1/4 | 131,785 | 1/4 | 120,270 | 1/4 | 108,756 | 1/4 | 97,242 | 1/4 | 85,728 | 1/4 | 74,214 | 1/4 | 62,699 | |
| 1/2 | 1/2 | 154,573 | 1/2 | 143,059 | 1/2 | 131,545 | 1/2 | 120,031 | 1/2 | 108,516 | 1/2 | 97,002 | 1/2 | 85,488 | 1/2 | 73,974 | 1/2 | 62,459 | |
| 3/4 | 3/4 | 154,333 | 3/4 | 142,819 | 3/4 | 131,305 | 3/4 | 119,791 | 3/4 | 108,276 | 3/4 | 96,762 | 3/4 | 85,248 | 3/4 | 73,734 | 3/4 | 62,220 | |
| 9 | 9 | 154,093 | 9 | 142,579 | 9 | 131,065 | 9 | 119,551 | 9 | 108,037 | 9 | 96,522 | 9 | 85,008 | 9 | 73,494 | 9 | 61,980 | |
| 1/4 | 1/4 | 153,854 | 1/4 | 142,339 | 1/4 | 130,825 | 1/4 | 119,311 | 1/4 | 107,797 | 1/4 | 96,282 | 1/4 | 84,768 | 1/4 | 73,254 | 1/4 | 61,740 | |
| 1/2 | 1/2 | 153,614 | 1/2 | 142,099 | 1/2 | 130,585 | 1/2 | 119,071 | 1/2 | 107,557 | 1/2 | 96,043 | 1/2 | 84,528 | 1/2 | 73,014 | 1/2 | 61,500 | |
| 3/4 | 3/4 | 153,374 | 3/4 | 141,860 | 3/4 | 130,345 | 3/4 | 118,831 | 3/4 | 107,317 | 3/4 | 95,803 | 3/4 | 84,288 | 3/4 | 72,774 | 3/4 | 61,260 | |
| 10 | 10 | 153,134 | 10 | 141,620 | 10 | 130,106 | 10 | 118,591 | 10 | 107,077 | 10 | 95,563 | 10 | 84,049 | 10 | 72,534 | 10 | 61,020 | |
| 1/4 | 1/4 | 152,894 | 1/4 | 141,380 | 1/4 | 129,866 | 1/4 | 118,351 | 1/4 | 106,837 | 1/4 | 95,323 | 1/4 | 83,809 | 1/4 | 72,294 | 1/4 | 60,780 | |
| 1/2 | 1/2 | 152,654 | 1/2 | 141,140 | 1/2 | 129,626 | 1/2 | 118,112 | 1/2 | 106,597 | 1/2 | 95,083 | 1/2 | 83,569 | 1/2 | 72,055 | 1/2 | 60,540 | |
| 3/4 | 3/4 | 152,414 | 3/4 | 140,900 | 3/4 | 129,386 | 3/4 | 117,872 | 3/4 | 106,357 | 3/4 | 94,843 | 3/4 | 83,329 | 3/4 | 71,815 | 3/4 | 60,300 | |
| 11 | 11 | 152,174 | 11 | 140,660 | 11 | 129,146 | 11 | 117,632 | 11 | 106,118 | 11 | 94,603 | 11 | 83,089 | 11 | 71,575 | 11 | 60,061 | |
| 1/4 | 1/4 | 151,935 | 1/4 | 140,420 | 1/4 | 128,906 | 1/4 | 117,392 | 1/4 | 105,878 | 1/4 | 94,363 | 1/4 | 82,849 | 1/4 | 71,335 | 1/4 | 59,821 | |
| 1/2 | 1/2 | 151,695 | 1/2 | 140,180 | 1/2 | 128,666 | 1/2 | 117,152 | 1/2 | 105,638 | 1/2 | 94,124 | 1/2 | 82,609 | 1/2 | 71,095 | 1/2 | 59,581 | |
| 3/4 | 3/4 | 151,455 | 3/4 | 139,941 | 3/4 | 128,426 | 3/4 | 116,912 | 3/4 | 105,398 | 3/4 | 93,884 | 3/4 | 82,369 | 3/4 | 70,855 | 3/4 | 59,341 | |

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 TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "IB 1952"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

| 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 | 59,101 | 0 | 47,587 | 0 | 36,090 | 0 | 24,841 | 0 | 13,328 | 0 | 1,822 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 58,861 | 1/4 | 47,347 | 1/4 | 35,857 | 1/4 | 24,601 | 1/4 | 13,088 | 1/4 | 1,608 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 58,621 | 1/2 | 47,107 | 1/2 | 35,624 | 1/2 | 24,362 | 1/2 | 12,848 | 1/2 | 1,394 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 58,381 | 3/4 | 46,867 | 3/4 | 35,392 | 3/4 | 24,122 | 3/4 | 12,608 | 3/4 | 1,180 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 58,142 | 1 | 46,627 | 1 | 35,159 | 1 | 23,882 | 1 | 12,368 | 1 | 966 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 57,902 | 1/4 | 46,387 | 1/4 | 34,926 | 1/4 | 23,642 | 1/4 | 12,128 | 1/4 | 816 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 57,662 | 1/2 | 46,148 | 1/2 | 34,693 | 1/2 | 23,402 | 1/2 | 11,888 | 1/2 | 666 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 57,422 | 3/4 | 45,908 | 3/4 | 34,460 | 3/4 | 23,162 | 3/4 | 11,648 | 3/4 | 516 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 57,182 | 2 | 45,668 | 2 | 34,227 | 2 | 22,922 | 2 | 11,409 | 2 | 366 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 56,942 | 1/4 | 45,428 | 1/4 | 33,995 | 1/4 | 22,682 | 1/4 | 11,169 | 1/4 | 296 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 56,702 | 1/2 | 45,188 | 1/2 | 33,762 | 1/2 | 22,443 | 1/2 | 10,929 | 1/2 | 226 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 56,462 | 3/4 | 44,948 | 3/4 | 33,529 | 3/4 | 22,203 | 3/4 | 10,689 | 3/4 | 156 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 56,223 | 3 | 44,708 | 3 | 33,296 | 3 | 21,963 | 3 | 10,449 | 3 | 86 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 55,983 | 1/4 | 44,468 | 1/4 | 33,063 | 1/4 | 21,723 | 1/4 | 10,209 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 55,743 | 1/2 | 44,229 | 1/2 | 32,831 | 1/2 | 21,483 | 1/2 | 9,969 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 55,503 | 3/4 | 43,989 | 3/4 | 32,598 | 3/4 | 21,243 | 3/4 | 9,729 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 55,263 | 4 | 43,749 | 4 | 32,365 | 4 | 21,003 | 4 | 9,490 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 55,023 | 1/4 | 43,509 | 1/4 | 32,132 | 1/4 | 20,763 | 1/4 | 9,250 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 54,783 | 1/2 | 43,269 | 1/2 | 31,899 | 1/2 | 20,524 | 1/2 | 9,010 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 54,543 | 3/4 | 43,029 | 3/4 | 31,667 | 3/4 | 20,284 | 3/4 | 8,770 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 54,303 | 5 | 42,789 | 5 | 31,434 | 5 | 20,044 | 5 | 8,530 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 54,064 | 1/4 | 42,549 | 1/4 | 31,201 | 1/4 | 19,804 | 1/4 | 8,290 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 53,824 | 1/2 | 42,310 | 1/2 | 30,968 | 1/2 | 19,564 | 1/2 | 8,050 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 53,584 | 3/4 | 42,070 | 3/4 | 30,736 | 3/4 | 19,324 | 3/4 | 7,811 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 53,344 | 6 | 41,830 | 6 | 30,503 | 6 | 19,084 | 6 | 7,571 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 53,104 | 1/4 | 41,590 | 1/4 | 30,270 | 1/4 | 18,845 | 1/4 | 7,331 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 52,864 | 1/2 | 41,350 | 1/2 | 30,037 | 1/2 | 18,605 | 1/2 | 7,091 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 52,624 | 3/4 | 41,110 | 3/4 | 29,804 | 3/4 | 18,365 | 3/4 | 6,851 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 52,384 | 7 | 40,870 | 7 | 29,572 | 7 | 18,125 | 7 | 6,611 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 52,145 | 1/4 | 40,630 | 1/4 | 29,339 | 1/4 | 17,885 | 1/4 | 6,371 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 51,905 | 1/2 | 40,390 | 1/2 | 29,106 | 1/2 | 17,645 | 1/2 | 6,132 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 51,665 | 3/4 | 40,151 | 3/4 | 28,873 | 3/4 | 17,405 | 3/4 | 5,892 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 51,425 | 8 | 39,911 | 8 | 28,640 | 8 | 17,165 | 8 | 5,652 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 51,185 | 1/4 | 39,671 | 1/4 | 28,408 | 1/4 | 16,926 | 1/4 | 5,412 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 50,945 | 1/2 | 39,431 | 1/2 | 28,175 | 1/2 | 16,686 | 1/2 | 5,172 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 50,705 | 3/4 | 39,191 | 3/4 | 27,942 | 3/4 | 16,446 | 3/4 | 4,932 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 50,465 | 9 | 38,951 | 9 | 27,709 | 9 | 16,206 | 9 | 4,692 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 50,226 | 1/4 | 38,711 | 1/4 | 27,472 | 1/4 | 15,966 | 1/4 | 4,453 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 49,986 | 1/2 | 38,471 | 1/2 | 27,235 | 1/2 | 15,726 | 1/2 | 4,213 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 49,746 | 3/4 | 38,232 | 3/4 | 26,997 | 3/4 | 15,486 | 3/4 | 3,973 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 49,506 | 10 | 37,992 | 10 | 26,760 | 10 | 15,246 | 10 | 3,733 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 49,266 | 1/4 | 37,752 | 1/4 | 26,520 | 1/4 | 15,007 | 1/4 | 3,494 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 49,026 | 1/2 | 37,512 | 1/2 | 26,281 | 1/2 | 14,767 | 1/2 | 3,254 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 48,786 | 3/4 | 37,272 | 3/4 | 26,041 | 3/4 | 14,527 | 3/4 | 3,015 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 48,546 | 11 | 37,032 | 11 | 25,801 | 11 | 14,287 | 11 | 2,775 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 48,306 | 1/4 | 36,797 | 1/4 | 25,561 | 1/4 | 14,047 | 1/4 | 2,537 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 48,067 | 1/2 | 36,561 | 1/2 | 25,321 | 1/2 | 13,807 | 1/2 | 2,298 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 47,827 | 3/4 | 36,326 | 3/4 | 25,081 | 3/4 | 13,567 | 3/4 | 2,060 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/10/2015 CL
CALCULATED: 06/11/2015 CL
PRINTED: 06/11/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

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



BARGE "IB 1952"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/2"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | | |
|-------|-----|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|--------|-------|--------|-------|--------|----|---|
| IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 |
| 0 | 0 | 0 | 0 | 0 | 146,753 | 0 | 138,990 | 0 | 131,227 | 0 | 122,003 | 0 | 110,004 | 0 | 98,015 | 0 | 86,026 | 0 | 74,037 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 146,591 | 1/4 | 138,828 | 1/4 | 131,065 | 1/4 | 121,752 | 1/4 | 109,754 | 1/4 | 97,765 | 1/4 | 85,777 | 1/4 | 73,788 | | |
| 1/2 | 1/2 | 1/2 | 153,166 | 1/2 | 146,429 | 1/2 | 138,666 | 1/2 | 130,903 | 1/2 | 121,502 | 1/2 | 109,504 | 1/2 | 97,515 | 1/2 | 85,527 | 1/2 | 73,538 | | |
| 3/4 | 3/4 | 3/4 | 153,114 | 3/4 | 146,267 | 3/4 | 138,504 | 3/4 | 130,741 | 3/4 | 121,252 | 3/4 | 109,254 | 3/4 | 97,266 | 3/4 | 85,277 | 3/4 | 73,288 | | |
| 1 | 1 | 1 | 153,063 | 1 | 146,106 | 1 | 138,343 | 1 | 130,580 | 1 | 121,001 | 1 | 109,005 | 1 | 97,016 | 1 | 85,027 | 1 | 73,038 | | |
| 1/4 | 1/4 | 1/4 | 153,011 | 1/4 | 145,944 | 1/4 | 138,181 | 1/4 | 130,418 | 1/4 | 120,751 | 1/4 | 108,755 | 1/4 | 96,766 | 1/4 | 84,778 | 1/4 | 72,788 | | |
| 1/2 | 1/2 | 1/2 | 152,960 | 1/2 | 145,782 | 1/2 | 138,019 | 1/2 | 130,256 | 1/2 | 120,501 | 1/2 | 108,505 | 1/2 | 96,516 | 1/2 | 84,528 | 1/2 | 72,539 | | |
| 3/4 | 3/4 | 3/4 | 152,890 | 3/4 | 145,621 | 3/4 | 137,857 | 3/4 | 130,094 | 3/4 | 120,251 | 3/4 | 108,255 | 3/4 | 96,267 | 3/4 | 84,278 | 3/4 | 72,289 | | |
| 2 | 2 | 2 | 152,820 | 2 | 145,459 | 2 | 137,696 | 2 | 129,933 | 2 | 120,000 | 2 | 108,006 | 2 | 96,017 | 2 | 84,028 | 2 | 72,039 | | |
| 1/4 | 1/4 | 1/4 | 152,750 | 1/4 | 145,297 | 1/4 | 137,534 | 1/4 | 129,771 | 1/4 | 119,750 | 1/4 | 107,756 | 1/4 | 95,767 | 1/4 | 83,778 | 1/4 | 71,789 | | |
| 1/2 | 1/2 | 1/2 | 152,681 | 1/2 | 145,135 | 1/2 | 137,372 | 1/2 | 129,609 | 1/2 | 119,500 | 1/2 | 107,506 | 1/2 | 95,517 | 1/2 | 83,529 | 1/2 | 71,540 | | |
| 3/4 | 3/4 | 3/4 | 152,565 | 3/4 | 144,974 | 3/4 | 137,211 | 3/4 | 129,448 | 3/4 | 119,250 | 3/4 | 107,256 | 3/4 | 95,268 | 3/4 | 83,279 | 3/4 | 71,290 | | |
| 3 | 3 | 3 | 152,449 | 3 | 144,812 | 3 | 137,049 | 3 | 129,286 | 3 | 118,999 | 3 | 107,006 | 3 | 95,018 | 3 | 83,029 | 3 | 71,040 | | |
| 1/4 | 1/4 | 1/4 | 152,334 | 1/4 | 144,650 | 1/4 | 136,887 | 1/4 | 129,124 | 1/4 | 118,749 | 1/4 | 106,757 | 1/4 | 94,768 | 1/4 | 82,779 | 1/4 | 70,790 | | |
| 1/2 | 1/2 | 1/2 | 152,218 | 1/2 | 144,488 | 1/2 | 136,725 | 1/2 | 128,962 | 1/2 | 118,499 | 1/2 | 106,507 | 1/2 | 94,518 | 1/2 | 82,530 | 1/2 | 70,540 | | |
| 3/4 | 3/4 | 3/4 | 152,064 | 3/4 | 144,327 | 3/4 | 136,564 | 3/4 | 128,801 | 3/4 | 118,249 | 3/4 | 106,257 | 3/4 | 94,269 | 3/4 | 82,280 | 3/4 | 70,291 | | |
| 4 | 4 | 4 | 151,910 | 4 | 144,165 | 4 | 136,402 | 4 | 128,639 | 4 | 117,998 | 4 | 106,007 | 4 | 94,019 | 4 | 82,030 | 4 | 70,041 | | |
| 1/4 | 1/4 | 1/4 | 151,755 | 1/4 | 144,003 | 1/4 | 136,240 | 1/4 | 128,477 | 1/4 | 117,748 | 1/4 | 105,758 | 1/4 | 93,769 | 1/4 | 81,780 | 1/4 | 69,791 | | |
| 1/2 | 1/2 | 1/2 | 151,601 | 1/2 | 143,841 | 1/2 | 136,078 | 1/2 | 128,315 | 1/2 | 117,498 | 1/2 | 105,508 | 1/2 | 93,519 | 1/2 | 81,530 | 1/2 | 69,541 | | |
| 3/4 | 3/4 | 3/4 | 151,440 | 3/4 | 143,680 | 3/4 | 135,917 | 3/4 | 128,154 | 3/4 | 117,248 | 3/4 | 105,258 | 3/4 | 93,270 | 3/4 | 81,281 | 3/4 | 69,292 | | |
| 5 | 5 | 5 | 151,279 | 5 | 143,518 | 5 | 135,755 | 5 | 127,992 | 5 | 116,998 | 5 | 105,008 | 5 | 93,020 | 5 | 81,031 | 5 | 69,042 | | |
| 1/4 | 1/4 | 1/4 | 151,118 | 1/4 | 143,356 | 1/4 | 135,593 | 1/4 | 127,830 | 1/4 | 116,748 | 1/4 | 104,759 | 1/4 | 92,770 | 1/4 | 80,781 | 1/4 | 68,792 | | |
| 1/2 | 1/2 | 1/2 | 150,957 | 1/2 | 143,195 | 1/2 | 135,432 | 1/2 | 127,668 | 1/2 | 116,498 | 1/2 | 104,509 | 1/2 | 92,520 | 1/2 | 80,531 | 1/2 | 68,542 | | |
| 3/4 | 3/4 | 3/4 | 150,795 | 3/4 | 143,033 | 3/4 | 135,270 | 3/4 | 127,507 | 3/4 | 116,248 | 3/4 | 104,259 | 3/4 | 92,271 | 3/4 | 80,282 | 3/4 | 68,293 | | |
| 6 | 6 | 6 | 150,634 | 6 | 142,871 | 6 | 135,108 | 6 | 127,345 | 6 | 115,998 | 6 | 104,009 | 6 | 92,021 | 6 | 80,032 | 6 | 68,043 | | |
| 1/4 | 1/4 | 1/4 | 150,472 | 1/4 | 142,709 | 1/4 | 134,946 | 1/4 | 127,183 | 1/4 | 115,749 | 1/4 | 103,759 | 1/4 | 91,771 | 1/4 | 79,782 | 1/4 | 67,794 | | |
| 1/2 | 1/2 | 1/2 | 150,311 | 1/2 | 142,548 | 1/2 | 134,785 | 1/2 | 127,022 | 1/2 | 115,499 | 1/2 | 103,510 | 1/2 | 91,521 | 1/2 | 79,532 | 1/2 | 67,545 | | |
| 3/4 | 3/4 | 3/4 | 150,149 | 3/4 | 142,386 | 3/4 | 134,623 | 3/4 | 126,860 | 3/4 | 115,249 | 3/4 | 103,260 | 3/4 | 91,272 | 3/4 | 79,283 | 3/4 | 67,296 | | |
| 7 | 7 | 7 | 149,987 | 7 | 142,224 | 7 | 134,461 | 7 | 126,698 | 7 | 114,999 | 7 | 103,010 | 7 | 91,022 | 7 | 79,033 | 7 | 67,046 | | |
| 1/4 | 1/4 | 1/4 | 149,826 | 1/4 | 142,062 | 1/4 | 134,299 | 1/4 | 126,536 | 1/4 | 114,749 | 1/4 | 102,760 | 1/4 | 90,772 | 1/4 | 78,783 | 1/4 | 66,797 | | |
| 1/2 | 1/2 | 1/2 | 149,664 | 1/2 | 141,901 | 1/2 | 134,138 | 1/2 | 126,375 | 1/2 | 114,500 | 1/2 | 102,511 | 1/2 | 90,522 | 1/2 | 78,533 | 1/2 | 66,548 | | |
| 3/4 | 3/4 | 3/4 | 149,502 | 3/4 | 141,739 | 3/4 | 133,976 | 3/4 | 126,158 | 3/4 | 114,250 | 3/4 | 102,261 | 3/4 | 90,273 | 3/4 | 78,283 | 3/4 | 66,299 | | |
| 8 | 8 | 8 | 149,340 | 8 | 141,577 | 8 | 133,814 | 8 | 125,941 | 8 | 114,000 | 8 | 102,011 | 8 | 90,023 | 8 | 78,034 | 8 | 66,050 | | |
| 1/4 | 1/4 | 1/4 | 149,179 | 1/4 | 141,416 | 1/4 | 133,653 | 1/4 | 125,723 | 1/4 | 113,750 | 1/4 | 101,761 | 1/4 | 89,773 | 1/4 | 77,784 | 1/4 | 65,800 | | |
| 1/2 | 1/2 | 1/2 | 149,017 | 1/2 | 141,254 | 1/2 | 133,491 | 1/2 | 125,506 | 1/2 | 113,501 | 1/2 | 101,511 | 1/2 | 89,523 | 1/2 | 77,534 | 1/2 | 65,551 | | |
| 3/4 | 3/4 | 3/4 | 148,855 | 3/4 | 141,092 | 3/4 | 133,329 | 3/4 | 125,256 | 3/4 | 113,251 | 3/4 | 101,262 | 3/4 | 89,273 | 3/4 | 77,284 | 3/4 | 65,302 | | |
| 9 | 9 | 9 | 148,693 | 9 | 140,930 | 9 | 133,167 | 9 | 125,006 | 9 | 113,001 | 9 | 101,012 | 9 | 89,024 | 9 | 77,035 | 9 | 65,053 | | |
| 1/4 | 1/4 | 1/4 | 148,532 | 1/4 | 140,769 | 1/4 | 133,006 | 1/4 | 124,756 | 1/4 | 112,751 | 1/4 | 100,762 | 1/4 | 88,774 | 1/4 | 76,785 | 1/4 | 64,804 | | |
| 1/2 | 1/2 | 1/2 | 148,370 | 1/2 | 140,607 | 1/2 | 132,844 | 1/2 | 124,505 | 1/2 | 112,502 | 1/2 | 100,512 | 1/2 | 88,524 | 1/2 | 76,535 | 1/2 | 64,555 | | |
| 3/4 | 3/4 | 3/4 | 148,208 | 3/4 | 140,445 | 3/4 | 132,682 | 3/4 | 124,255 | 3/4 | 112,252 | 3/4 | 100,263 | 3/4 | 88,274 | 3/4 | 76,285 | 3/4 | 64,305 | | |
| 10 | 10 | 10 | 148,046 | 10 | 140,283 | 10 | 132,520 | 10 | 124,005 | 10 | 112,002 | 10 | 100,013 | 10 | 88,025 | 10 | 76,035 | 10 | 64,056 | | |
| 1/4 | 1/4 | 1/4 | 147,885 | 1/4 | 140,122 | 1/4 | 132,359 | 1/4 | 123,754 | 1/4 | 111,752 | 1/4 | 99,763 | 1/4 | 87,775 | 1/4 | 75,786 | 1/4 | 63,807 | | |
| 1/2 | 1/2 | 1/2 | 147,723 | 1/2 | 139,960 | 1/2 | 132,197 | 1/2 | 123,504 | 1/2 | 111,502 | 1/2 | 99,513 | 1/2 | 87,525 | 1/2 | 75,536 | 1/2 | 63,558 | | |
| 3/4 | 3/4 | 3/4 | 147,561 | 3/4 | 139,798 | 3/4 | 132,035 | 3/4 | 123,254 | 3/4 | 111,253 | 3/4 | 99,264 | 3/4 | 87,275 | 3/4 | 75,286 | 3/4 | 63,309 | | |
| 11 | 11 | 11 | 147,400 | 11 | 139,637 | 11 | 131,873 | 11 | 123,004 | 11 | 111,003 | 11 | 99,014 | 11 | 87,026 | 11 | 75,036 | 11 | 63,060 | | |
| 1/4 | 1/4 | 1/4 | 147,238 | 1/4 | 139,475 | 1/4 | 131,712 | 1/4 | 122,753 | 1/4 | 110,753 | 1/4 | 98,764 | 1/4 | 86,776 | 1/4 | 74,787 | 1/4 | 62,810 | | |
| 1/2 | 1/2 | 1/2 | 147,076 | 1/2 | 139,313 | 1/2 | 131,550 | 1/2 | 122,503 | 1/2 | 110,503 | 1/2 | 98,514 | 1/2 | 86,526 | 1/2 | 74,537 | 1/2 | 62,561 | | |
| 3/4 | 3/4 | 3/4 | 146,914 | 3/4 | 139,151 | 3/4 | 131,388 | 3/4 | 122,253 | 3/4 | 110,254 | 3/4 | 98,265 | 3/4 | 86,276 | 3/4 | 74,287 | 3/4 | 62,312 | | |

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 TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "IB 1952"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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 | 62,063 | 0 | 50,087 | 0 | 38,112 | 0 | 26,381 | 0 | 14,392 | 0 | 2,397 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 61,814 | 1/4 | 49,838 | 1/4 | 37,867 | 1/4 | 26,132 | 1/4 | 14,142 | 1/4 | 2,149 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 61,565 | 1/2 | 49,588 | 1/2 | 37,621 | 1/2 | 25,882 | 1/2 | 13,892 | 1/2 | 1,900 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 61,315 | 3/4 | 49,338 | 3/4 | 37,378 | 3/4 | 25,632 | 3/4 | 13,642 | 3/4 | 1,677 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 61,066 | 1 | 49,089 | 1 | 37,135 | 1 | 25,382 | 1 | 13,393 | 1 | 1,453 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 60,817 | 1/4 | 48,839 | 1/4 | 36,892 | 1/4 | 25,132 | 1/4 | 13,143 | 1/4 | 1,230 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 60,568 | 1/2 | 48,589 | 1/2 | 36,649 | 1/2 | 24,883 | 1/2 | 12,893 | 1/2 | 1,007 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 60,319 | 3/4 | 48,340 | 3/4 | 36,406 | 3/4 | 24,633 | 3/4 | 12,643 | 3/4 | 850 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 60,070 | 2 | 48,090 | 2 | 36,162 | 2 | 24,383 | 2 | 12,394 | 2 | 694 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 59,820 | 1/4 | 47,840 | 1/4 | 35,919 | 1/4 | 24,133 | 1/4 | 12,144 | 1/4 | 537 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 59,571 | 1/2 | 47,591 | 1/2 | 35,676 | 1/2 | 23,884 | 1/2 | 11,894 | 1/2 | 381 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 59,322 | 3/4 | 47,341 | 3/4 | 35,433 | 3/4 | 23,634 | 3/4 | 11,644 | 3/4 | 308 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 59,073 | 3 | 47,092 | 3 | 35,190 | 3 | 23,384 | 3 | 11,394 | 3 | 235 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 58,824 | 1/4 | 46,842 | 1/4 | 34,947 | 1/4 | 23,134 | 1/4 | 11,145 | 1/4 | 162 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 58,574 | 1/2 | 46,592 | 1/2 | 34,704 | 1/2 | 22,884 | 1/2 | 10,895 | 1/2 | 89 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 58,325 | 3/4 | 46,343 | 3/4 | 34,461 | 3/4 | 22,635 | 3/4 | 10,645 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 58,076 | 4 | 46,093 | 4 | 34,218 | 4 | 22,385 | 4 | 10,395 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 57,826 | 1/4 | 45,843 | 1/4 | 33,974 | 1/4 | 22,135 | 1/4 | 10,145 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 57,577 | 1/2 | 45,594 | 1/2 | 33,731 | 1/2 | 21,885 | 1/2 | 9,896 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 57,327 | 3/4 | 45,344 | 3/4 | 33,488 | 3/4 | 21,635 | 3/4 | 9,646 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 57,077 | 5 | 45,094 | 5 | 33,245 | 5 | 21,386 | 5 | 9,396 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 56,828 | 1/4 | 44,845 | 1/4 | 33,002 | 1/4 | 21,136 | 1/4 | 9,146 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 56,578 | 1/2 | 44,595 | 1/2 | 32,759 | 1/2 | 20,886 | 1/2 | 8,896 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 56,328 | 3/4 | 44,345 | 3/4 | 32,516 | 3/4 | 20,636 | 3/4 | 8,646 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 56,079 | 6 | 44,096 | 6 | 32,273 | 6 | 20,387 | 6 | 8,396 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 55,829 | 1/4 | 43,846 | 1/4 | 32,030 | 1/4 | 20,137 | 1/4 | 8,146 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 55,579 | 1/2 | 43,597 | 1/2 | 31,786 | 1/2 | 19,887 | 1/2 | 7,896 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 55,330 | 3/4 | 43,347 | 3/4 | 31,543 | 3/4 | 19,637 | 3/4 | 7,646 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 55,080 | 7 | 43,097 | 7 | 31,300 | 7 | 19,387 | 7 | 7,396 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 54,831 | 1/4 | 42,848 | 1/4 | 31,057 | 1/4 | 19,138 | 1/4 | 7,146 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 54,581 | 1/2 | 42,598 | 1/2 | 30,814 | 1/2 | 18,888 | 1/2 | 6,896 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 54,331 | 3/4 | 42,348 | 3/4 | 30,571 | 3/4 | 18,638 | 3/4 | 6,646 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 54,082 | 8 | 42,099 | 8 | 30,328 | 8 | 18,388 | 8 | 6,396 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 53,832 | 1/4 | 41,849 | 1/4 | 30,085 | 1/4 | 18,139 | 1/4 | 6,146 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 53,582 | 1/2 | 41,599 | 1/2 | 29,842 | 1/2 | 17,889 | 1/2 | 5,896 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 53,333 | 3/4 | 41,350 | 3/4 | 29,599 | 3/4 | 17,639 | 3/4 | 5,646 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 53,083 | 9 | 41,100 | 9 | 29,355 | 9 | 17,389 | 9 | 5,395 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 52,833 | 1/4 | 40,850 | 1/4 | 29,112 | 1/4 | 17,139 | 1/4 | 5,145 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 52,584 | 1/2 | 40,601 | 1/2 | 28,869 | 1/2 | 16,890 | 1/2 | 4,895 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 52,334 | 3/4 | 40,351 | 3/4 | 28,622 | 3/4 | 16,640 | 3/4 | 4,645 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 52,084 | 10 | 40,101 | 10 | 28,375 | 10 | 16,390 | 10 | 4,395 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 51,835 | 1/4 | 39,852 | 1/4 | 28,127 | 1/4 | 16,140 | 1/4 | 4,144 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 51,585 | 1/2 | 39,602 | 1/2 | 27,880 | 1/2 | 15,890 | 1/2 | 3,894 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 51,335 | 3/4 | 39,353 | 3/4 | 27,630 | 3/4 | 15,641 | 3/4 | 3,644 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 51,086 | 11 | 39,103 | 11 | 27,380 | 11 | 15,391 | 11 | 3,394 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 50,836 | 1/4 | 38,853 | 1/4 | 27,131 | 1/4 | 15,141 | 1/4 | 3,144 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 50,587 | 1/2 | 38,604 | 1/2 | 26,881 | 1/2 | 14,891 | 1/2 | 2,895 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 50,337 | 3/4 | 38,358 | 3/4 | 26,631 | 3/4 | 14,642 | 3/4 | 2,646 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/10/2015 CL
CALCULATED: 06/11/2015 CL
PRINTED: 06/11/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT
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