



BARGE "CBC 1344"

INNAGE 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 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 |
| 2 CENTER | 00-0/8 | - 00-0/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 |
| 3 CENTER | 00-1/4 | - 00-1/4 | 00-1/2 | - 00-1/2 | 00-3/4 | - 00-3/4 | 01-1/8 | - 01-1/8 | 01-3/8 | - 01-3/8 | 01-5/8 | - 01-5/8 |

(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 - 00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/2'

LENGTH BETWEEN DRAFT MARKS: 161'-09"

February 20, 2012

PRECISION MEASUREMENT
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BARGE "CBC 1344"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

| 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 | 39 | 0 | 8,099 | 0 | 18,898 | 0 | 29,546 | 0 | 40,224 | 0 | 50,995 | 0 | 61,766 | 0 | 72,514 | 0 | 83,264 | 0 | 94,038 |
| 1/4 | 58 | 1/4 | 8,324 | 1/4 | 19,123 | 1/4 | 29,765 | 1/4 | 40,449 | 1/4 | 51,220 | 1/4 | 61,991 | 1/4 | 72,737 | 1/4 | 83,488 | 1/4 | 94,263 |
| 1/2 | 77 | 1/2 | 8,549 | 1/2 | 19,348 | 1/2 | 29,984 | 1/2 | 40,673 | 1/2 | 51,444 | 1/2 | 62,215 | 1/2 | 72,960 | 1/2 | 83,713 | 1/2 | 94,487 |
| 3/4 | 96 | 3/4 | 8,774 | 3/4 | 19,573 | 3/4 | 30,202 | 3/4 | 40,898 | 3/4 | 51,669 | 3/4 | 62,440 | 3/4 | 73,183 | 3/4 | 83,937 | 3/4 | 94,712 |
| 1 | 114 | 1 | 8,999 | 1 | 19,798 | 1 | 30,421 | 1 | 41,122 | 1 | 51,893 | 1 | 62,664 | 1 | 73,406 | 1 | 84,162 | 1 | 94,936 |
| 1/4 | 171 | 1/4 | 9,224 | 1/4 | 20,023 | 1/4 | 30,639 | 1/4 | 41,346 | 1/4 | 52,117 | 1/4 | 62,888 | 1/4 | 73,629 | 1/4 | 84,386 | 1/4 | 95,161 |
| 1/2 | 227 | 1/2 | 9,449 | 1/2 | 20,248 | 1/2 | 30,858 | 1/2 | 41,571 | 1/2 | 52,342 | 1/2 | 63,113 | 1/2 | 73,853 | 1/2 | 84,611 | 1/2 | 95,385 |
| 3/4 | 283 | 3/4 | 9,674 | 3/4 | 20,473 | 3/4 | 31,076 | 3/4 | 41,795 | 3/4 | 52,566 | 3/4 | 63,337 | 3/4 | 74,076 | 3/4 | 84,835 | 3/4 | 95,610 |
| 2 | 339 | 2 | 9,899 | 2 | 20,698 | 2 | 31,295 | 2 | 42,020 | 2 | 52,791 | 2 | 63,562 | 2 | 74,299 | 2 | 85,060 | 2 | 95,834 |
| 1/4 | 433 | 1/4 | 10,124 | 1/4 | 20,923 | 1/4 | 31,514 | 1/4 | 42,244 | 1/4 | 53,015 | 1/4 | 63,786 | 1/4 | 74,522 | 1/4 | 85,284 | 1/4 | 96,059 |
| 1/2 | 527 | 1/2 | 10,349 | 1/2 | 21,148 | 1/2 | 31,732 | 1/2 | 42,468 | 1/2 | 53,239 | 1/2 | 64,010 | 1/2 | 74,745 | 1/2 | 85,509 | 1/2 | 96,283 |
| 3/4 | 621 | 3/4 | 10,574 | 3/4 | 21,373 | 3/4 | 31,951 | 3/4 | 42,693 | 3/4 | 53,464 | 3/4 | 64,235 | 3/4 | 74,968 | 3/4 | 85,733 | 3/4 | 96,507 |
| 3 | 714 | 3 | 10,799 | 3 | 21,598 | 3 | 32,169 | 3 | 42,917 | 3 | 53,688 | 3 | 64,459 | 3 | 75,191 | 3 | 85,958 | 3 | 96,732 |
| 1/4 | 845 | 1/4 | 11,024 | 1/4 | 21,823 | 1/4 | 32,388 | 1/4 | 43,141 | 1/4 | 53,913 | 1/4 | 64,684 | 1/4 | 75,414 | 1/4 | 86,182 | 1/4 | 96,956 |
| 1/2 | 977 | 1/2 | 11,249 | 1/2 | 22,048 | 1/2 | 32,606 | 1/2 | 43,366 | 1/2 | 54,137 | 1/2 | 64,908 | 1/2 | 75,637 | 1/2 | 86,406 | 1/2 | 97,181 |
| 3/4 | 1,108 | 3/4 | 11,474 | 3/4 | 22,273 | 3/4 | 32,825 | 3/4 | 43,590 | 3/4 | 54,361 | 3/4 | 65,132 | 3/4 | 75,860 | 3/4 | 86,631 | 3/4 | 97,405 |
| 4 | 1,239 | 4 | 11,699 | 4 | 22,498 | 4 | 33,044 | 4 | 43,815 | 4 | 54,586 | 4 | 65,357 | 4 | 76,083 | 4 | 86,855 | 4 | 97,630 |
| 1/4 | 1,408 | 1/4 | 11,924 | 1/4 | 22,723 | 1/4 | 33,268 | 1/4 | 44,039 | 1/4 | 54,810 | 1/4 | 65,581 | 1/4 | 76,307 | 1/4 | 87,080 | 1/4 | 97,854 |
| 1/2 | 1,576 | 1/2 | 12,149 | 1/2 | 22,948 | 1/2 | 33,492 | 1/2 | 44,263 | 1/2 | 55,035 | 1/2 | 65,806 | 1/2 | 76,531 | 1/2 | 87,304 | 1/2 | 98,079 |
| 3/4 | 1,745 | 3/4 | 12,374 | 3/4 | 23,172 | 3/4 | 33,717 | 3/4 | 44,488 | 3/4 | 55,259 | 3/4 | 66,030 | 3/4 | 76,754 | 3/4 | 87,529 | 3/4 | 98,303 |
| 5 | 1,914 | 5 | 12,598 | 5 | 23,397 | 5 | 33,941 | 5 | 44,712 | 5 | 55,483 | 5 | 66,254 | 5 | 76,978 | 5 | 87,753 | 5 | 98,528 |
| 1/4 | 2,119 | 1/4 | 12,823 | 1/4 | 23,622 | 1/4 | 34,166 | 1/4 | 44,937 | 1/4 | 55,708 | 1/4 | 66,479 | 1/4 | 77,202 | 1/4 | 87,978 | 1/4 | 98,752 |
| 1/2 | 2,325 | 1/2 | 13,048 | 1/2 | 23,847 | 1/2 | 34,390 | 1/2 | 45,161 | 1/2 | 55,932 | 1/2 | 66,703 | 1/2 | 77,427 | 1/2 | 88,202 | 1/2 | 98,977 |
| 3/4 | 2,531 | 3/4 | 13,273 | 3/4 | 24,072 | 3/4 | 34,614 | 3/4 | 45,385 | 3/4 | 56,157 | 3/4 | 66,928 | 3/4 | 77,651 | 3/4 | 88,427 | 3/4 | 99,201 |
| 6 | 2,736 | 6 | 13,498 | 6 | 24,297 | 6 | 34,839 | 6 | 45,610 | 6 | 56,381 | 6 | 67,152 | 6 | 77,876 | 6 | 88,651 | 6 | 99,425 |
| 1/4 | 2,957 | 1/4 | 13,723 | 1/4 | 24,516 | 1/4 | 35,063 | 1/4 | 45,834 | 1/4 | 56,605 | 1/4 | 67,376 | 1/4 | 78,100 | 1/4 | 88,876 | 1/4 | 99,650 |
| 1/2 | 3,177 | 1/2 | 13,948 | 1/2 | 24,735 | 1/2 | 35,288 | 1/2 | 46,059 | 1/2 | 56,830 | 1/2 | 67,600 | 1/2 | 78,325 | 1/2 | 89,100 | 1/2 | 99,874 |
| 3/4 | 3,398 | 3/4 | 14,173 | 3/4 | 24,954 | 3/4 | 35,512 | 3/4 | 46,283 | 3/4 | 57,054 | 3/4 | 67,823 | 3/4 | 78,549 | 3/4 | 89,325 | 3/4 | 100,099 |
| 7 | 3,618 | 7 | 14,398 | 7 | 25,173 | 7 | 35,736 | 7 | 46,507 | 7 | 57,279 | 7 | 68,047 | 7 | 78,774 | 7 | 89,549 | 7 | 100,323 |
| 1/4 | 3,841 | 1/4 | 14,623 | 1/4 | 25,392 | 1/4 | 35,961 | 1/4 | 46,732 | 1/4 | 57,503 | 1/4 | 68,271 | 1/4 | 78,998 | 1/4 | 89,773 | 1/4 | 100,548 |
| 1/2 | 4,063 | 1/2 | 14,848 | 1/2 | 25,611 | 1/2 | 36,185 | 1/2 | 46,956 | 1/2 | 57,727 | 1/2 | 68,495 | 1/2 | 79,223 | 1/2 | 89,998 | 1/2 | 100,772 |
| 3/4 | 4,286 | 3/4 | 15,073 | 3/4 | 25,830 | 3/4 | 36,410 | 3/4 | 47,181 | 3/4 | 57,952 | 3/4 | 68,719 | 3/4 | 79,447 | 3/4 | 90,222 | 3/4 | 100,997 |
| 8 | 4,508 | 8 | 15,298 | 8 | 26,049 | 8 | 36,634 | 8 | 47,405 | 8 | 58,176 | 8 | 68,942 | 8 | 79,672 | 8 | 90,447 | 8 | 101,221 |
| 1/4 | 4,732 | 1/4 | 15,523 | 1/4 | 26,268 | 1/4 | 36,858 | 1/4 | 47,629 | 1/4 | 58,400 | 1/4 | 69,166 | 1/4 | 79,896 | 1/4 | 90,671 | 1/4 | 101,446 |
| 1/2 | 4,955 | 1/2 | 15,748 | 1/2 | 26,486 | 1/2 | 37,083 | 1/2 | 47,854 | 1/2 | 58,625 | 1/2 | 69,390 | 1/2 | 80,121 | 1/2 | 90,896 | 1/2 | 101,670 |
| 3/4 | 5,179 | 3/4 | 15,973 | 3/4 | 26,705 | 3/4 | 37,307 | 3/4 | 48,078 | 3/4 | 58,849 | 3/4 | 69,614 | 3/4 | 80,345 | 3/4 | 91,120 | 3/4 | 101,895 |
| 9 | 5,403 | 9 | 16,198 | 9 | 26,923 | 9 | 37,532 | 9 | 48,303 | 9 | 59,074 | 9 | 69,838 | 9 | 80,570 | 9 | 91,345 | 9 | 102,119 |
| 1/4 | 5,627 | 1/4 | 16,423 | 1/4 | 27,142 | 1/4 | 37,756 | 1/4 | 48,527 | 1/4 | 59,298 | 1/4 | 70,061 | 1/4 | 80,794 | 1/4 | 91,569 | 1/4 | 102,344 |
| 1/2 | 5,851 | 1/2 | 16,648 | 1/2 | 27,361 | 1/2 | 37,980 | 1/2 | 48,751 | 1/2 | 59,522 | 1/2 | 70,284 | 1/2 | 81,019 | 1/2 | 91,794 | 1/2 | 102,568 |
| 3/4 | 6,076 | 3/4 | 16,873 | 3/4 | 27,579 | 3/4 | 38,205 | 3/4 | 48,976 | 3/4 | 59,747 | 3/4 | 70,507 | 3/4 | 81,243 | 3/4 | 92,018 | 3/4 | 102,792 |
| 10 | 6,300 | 10 | 17,098 | 10 | 27,798 | 10 | 38,429 | 10 | 49,200 | 10 | 59,971 | 10 | 70,730 | 10 | 81,468 | 10 | 92,243 | 10 | 103,017 |
| 1/4 | 6,525 | 1/4 | 17,323 | 1/4 | 28,016 | 1/4 | 38,654 | 1/4 | 49,425 | 1/4 | 60,196 | 1/4 | 70,953 | 1/4 | 81,692 | 1/4 | 92,467 | 1/4 | 103,241 |
| 1/2 | 6,750 | 1/2 | 17,548 | 1/2 | 28,235 | 1/2 | 38,878 | 1/2 | 49,649 | 1/2 | 60,420 | 1/2 | 71,176 | 1/2 | 81,917 | 1/2 | 92,692 | 1/2 | 103,466 |
| 3/4 | 6,974 | 3/4 | 17,773 | 3/4 | 28,453 | 3/4 | 39,102 | 3/4 | 49,873 | 3/4 | 60,644 | 3/4 | 71,399 | 3/4 | 82,141 | 3/4 | 92,916 | 3/4 | 103,690 |
| 11 | 7,199 | 11 | 17,998 | 11 | 28,672 | 11 | 39,327 | 11 | 50,098 | 11 | 60,869 | 11 | 71,622 | 11 | 82,366 | 11 | 93,140 | 11 | 103,915 |
| 1/4 | 7,424 | 1/4 | 18,223 | 1/4 | 28,891 | 1/4 | 39,551 | 1/4 | 50,322 | 1/4 | 61,093 | 1/4 | 71,845 | 1/4 | 82,590 | 1/4 | 93,365 | 1/4 | 104,139 |
| 1/2 | 7,649 | 1/2 | 18,448 | 1/2 | 29,109 | 1/2 | 39,776 | 1/2 | 50,547 | 1/2 | 61,318 | 1/2 | 72,068 | 1/2 | 82,815 | 1/2 | 93,589 | 1/2 | 104,364 |
| 3/4 | 7,874 | 3/4 | 18,673 | 3/4 | 29,328 | 3/4 | 40,000 | 3/4 | 50,771 | 3/4 | 61,542 | 3/4 | 72,291 | 3/4 | 83,039 | 3/4 | 93,814 | 3/4 | 104,588 |

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 INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 1344"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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 | 104,813 | 0 | 114,923 | 0 | 124,392 | 0 | 133,818 | 0 | 143,229 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 105,037 | 1/4 | 115,120 | 1/4 | 124,588 | 1/4 | 134,015 | 1/4 | 143,423 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 105,261 | 1/2 | 115,318 | 1/2 | 124,785 | 1/2 | 134,212 | 1/2 | 143,618 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 105,485 | 3/4 | 115,515 | 3/4 | 124,982 | 3/4 | 134,409 | 3/4 | 143,813 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 105,710 | 1 | 115,712 | 1 | 125,179 | 1 | 134,605 | 1 | 144,007 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 105,934 | 1/4 | 115,909 | 1/4 | 125,375 | 1/4 | 134,802 | 1/4 | 144,202 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 106,158 | 1/2 | 116,107 | 1/2 | 125,572 | 1/2 | 134,999 | 1/2 | 144,397 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 106,382 | 3/4 | 116,304 | 3/4 | 125,769 | 3/4 | 135,196 | 3/4 | 144,591 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 106,606 | 2 | 116,501 | 2 | 125,966 | 2 | 135,392 | 2 | 144,786 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 106,831 | 1/4 | 116,698 | 1/4 | 126,162 | 1/4 | 135,589 | 1/4 | 144,990 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 107,055 | 1/2 | 116,896 | 1/2 | 126,359 | 1/2 | 135,786 | 1/2 | 145,193 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 107,279 | 3/4 | 117,093 | 3/4 | 126,556 | 3/4 | 135,982 | 3/4 | 145,397 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 107,503 | 3 | 117,290 | 3 | 126,753 | 3 | 136,179 | 3 | 145,600 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 107,728 | 1/4 | 117,487 | 1/4 | 126,949 | 1/4 | 136,376 | 1/4 | 145,766 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 107,952 | 1/2 | 117,685 | 1/2 | 127,146 | 1/2 | 136,573 | 1/2 | 145,932 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 108,176 | 3/4 | 117,882 | 3/4 | 127,343 | 3/4 | 136,769 | 3/4 | 146,099 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 108,400 | 4 | 118,079 | 4 | 127,540 | 4 | 136,966 | 4 | 146,265 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 108,624 | 1/4 | 118,277 | 1/4 | 127,736 | 1/4 | 137,163 | 1/4 | 146,393 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 108,849 | 1/2 | 118,474 | 1/2 | 127,933 | 1/2 | 137,360 | 1/2 | 146,522 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 109,073 | 3/4 | 118,671 | 3/4 | 128,130 | 3/4 | 137,556 | 3/4 | 146,650 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 109,297 | 5 | 118,868 | 5 | 128,327 | 5 | 137,753 | 5 | 146,779 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 109,521 | 1/4 | 119,066 | 1/4 | 128,523 | 1/4 | 137,950 | 1/4 | 146,870 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 109,745 | 1/2 | 119,263 | 1/2 | 128,720 | 1/2 | 138,147 | 1/2 | 146,961 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 109,970 | 3/4 | 119,460 | 3/4 | 128,917 | 3/4 | 138,343 | 3/4 | 147,052 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 110,194 | 6 | 119,657 | 6 | 129,113 | 6 | 138,540 | 6 | 147,143 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 110,391 | 1/4 | 119,855 | 1/4 | 129,310 | 1/4 | 138,737 | 1/4 | 147,197 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 110,588 | 1/2 | 120,052 | 1/2 | 129,506 | 1/2 | 138,934 | 1/2 | 147,250 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 110,785 | 3/4 | 120,249 | 3/4 | 129,702 | 3/4 | 139,130 | 3/4 | 147,304 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 110,982 | 7 | 120,446 | 7 | 129,898 | 7 | 139,327 | 7 | 147,358 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 111,179 | 1/4 | 120,644 | 1/4 | 130,094 | 1/4 | 139,524 | 1/4 | 147,374 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 111,376 | 1/2 | 120,841 | 1/2 | 130,290 | 1/2 | 139,721 | 1/2 | 147,390 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 111,573 | 3/4 | 121,038 | 3/4 | 130,486 | 3/4 | 139,917 | 3/4 | 147,406 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 111,770 | 8 | 121,236 | 8 | 130,682 | 8 | 140,114 | 8 | 147,422 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 111,967 | 1/4 | 121,433 | 1/4 | 130,878 | 1/4 | 140,309 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 112,164 | 1/2 | 121,630 | 1/2 | 131,074 | 1/2 | 140,503 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 112,361 | 3/4 | 121,827 | 3/4 | 131,270 | 3/4 | 140,698 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 112,558 | 9 | 122,025 | 9 | 131,466 | 9 | 140,893 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 112,756 | 1/4 | 122,222 | 1/4 | 131,662 | 1/4 | 141,087 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 112,953 | 1/2 | 122,419 | 1/2 | 131,858 | 1/2 | 141,282 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 113,150 | 3/4 | 122,616 | 3/4 | 132,054 | 3/4 | 141,477 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 113,347 | 10 | 122,814 | 10 | 132,250 | 10 | 141,671 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 113,544 | 1/4 | 123,011 | 1/4 | 132,446 | 1/4 | 141,866 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 113,741 | 1/2 | 123,208 | 1/2 | 132,642 | 1/2 | 142,061 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 113,938 | 3/4 | 123,405 | 3/4 | 132,838 | 3/4 | 142,255 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 114,135 | 11 | 123,603 | 11 | 133,034 | 11 | 142,450 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 114,332 | 1/4 | 123,800 | 1/4 | 133,230 | 1/4 | 142,645 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 114,529 | 1/2 | 123,997 | 1/2 | 133,426 | 1/2 | 142,839 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 114,726 | 3/4 | 124,194 | 3/4 | 133,622 | 3/4 | 143,034 | 3/4 | | 3/4 | 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: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
PRINTED: 02/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

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



BARGE "CBC 1344"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

| 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 | 39 | 0 | 9,050 | 0 | 21,123 | 0 | 33,050 | 0 | 44,976 | 0 | 57,050 | 0 | 69,123 | 0 | 81,197 | 0 | 93,270 | 0 | 105,342 |
| 1/4 | 60 | 1/4 | 9,302 | 1/4 | 21,375 | 1/4 | 33,294 | 1/4 | 45,228 | 1/4 | 57,301 | 1/4 | 69,375 | 1/4 | 81,448 | 1/4 | 93,522 | 1/4 | 105,593 |
| 1/2 | 81 | 1/2 | 9,553 | 1/2 | 21,626 | 1/2 | 33,538 | 1/2 | 45,479 | 1/2 | 57,553 | 1/2 | 69,626 | 1/2 | 81,700 | 1/2 | 93,773 | 1/2 | 105,845 |
| 3/4 | 102 | 3/4 | 9,805 | 3/4 | 21,878 | 3/4 | 33,782 | 3/4 | 45,731 | 3/4 | 57,804 | 3/4 | 69,878 | 3/4 | 81,951 | 3/4 | 94,025 | 3/4 | 106,096 |
| 1 | 123 | 1 | 10,056 | 1 | 22,129 | 1 | 34,026 | 1 | 45,982 | 1 | 58,056 | 1 | 70,129 | 1 | 82,203 | 1 | 94,276 | 1 | 106,348 |
| 1/4 | 186 | 1/4 | 10,308 | 1/4 | 22,381 | 1/4 | 34,270 | 1/4 | 46,234 | 1/4 | 58,307 | 1/4 | 70,381 | 1/4 | 82,455 | 1/4 | 94,528 | 1/4 | 106,599 |
| 1/2 | 249 | 1/2 | 10,559 | 1/2 | 22,632 | 1/2 | 34,514 | 1/2 | 46,485 | 1/2 | 58,559 | 1/2 | 70,633 | 1/2 | 82,706 | 1/2 | 94,779 | 1/2 | 106,851 |
| 3/4 | 312 | 3/4 | 10,811 | 3/4 | 22,884 | 3/4 | 34,758 | 3/4 | 46,737 | 3/4 | 58,811 | 3/4 | 70,884 | 3/4 | 82,958 | 3/4 | 95,031 | 3/4 | 107,102 |
| 2 | 375 | 2 | 11,062 | 2 | 23,135 | 2 | 35,003 | 2 | 46,989 | 2 | 59,062 | 2 | 71,136 | 2 | 83,209 | 2 | 95,282 | 2 | 107,354 |
| 1/4 | 479 | 1/4 | 11,314 | 1/4 | 23,387 | 1/4 | 35,247 | 1/4 | 47,240 | 1/4 | 59,314 | 1/4 | 71,387 | 1/4 | 83,461 | 1/4 | 95,534 | 1/4 | 107,605 |
| 1/2 | 584 | 1/2 | 11,565 | 1/2 | 23,638 | 1/2 | 35,491 | 1/2 | 47,492 | 1/2 | 59,565 | 1/2 | 71,639 | 1/2 | 83,712 | 1/2 | 95,785 | 1/2 | 107,857 |
| 3/4 | 689 | 3/4 | 11,817 | 3/4 | 23,890 | 3/4 | 35,735 | 3/4 | 47,743 | 3/4 | 59,817 | 3/4 | 71,890 | 3/4 | 83,964 | 3/4 | 96,037 | 3/4 | 108,108 |
| 3 | 794 | 3 | 12,068 | 3 | 24,141 | 3 | 35,979 | 3 | 47,995 | 3 | 60,068 | 3 | 72,142 | 3 | 84,215 | 3 | 96,288 | 3 | 108,360 |
| 1/4 | 940 | 1/4 | 12,320 | 1/4 | 24,393 | 1/4 | 36,223 | 1/4 | 48,246 | 1/4 | 60,320 | 1/4 | 72,393 | 1/4 | 84,467 | 1/4 | 96,540 | 1/4 | 108,611 |
| 1/2 | 1,087 | 1/2 | 12,571 | 1/2 | 24,645 | 1/2 | 36,467 | 1/2 | 48,498 | 1/2 | 60,571 | 1/2 | 72,645 | 1/2 | 84,718 | 1/2 | 96,791 | 1/2 | 108,863 |
| 3/4 | 1,234 | 3/4 | 12,823 | 3/4 | 24,896 | 3/4 | 36,711 | 3/4 | 48,749 | 3/4 | 60,823 | 3/4 | 72,896 | 3/4 | 84,970 | 3/4 | 97,043 | 3/4 | 109,114 |
| 4 | 1,381 | 4 | 13,074 | 4 | 25,148 | 4 | 36,955 | 4 | 49,001 | 4 | 61,074 | 4 | 73,148 | 4 | 85,221 | 4 | 97,294 | 4 | 109,366 |
| 1/4 | 1,569 | 1/4 | 13,326 | 1/4 | 25,399 | 1/4 | 37,200 | 1/4 | 49,252 | 1/4 | 61,326 | 1/4 | 73,399 | 1/4 | 85,473 | 1/4 | 97,546 | 1/4 | 109,617 |
| 1/2 | 1,758 | 1/2 | 13,578 | 1/2 | 25,651 | 1/2 | 37,444 | 1/2 | 49,504 | 1/2 | 61,577 | 1/2 | 73,651 | 1/2 | 85,724 | 1/2 | 97,797 | 1/2 | 109,869 |
| 3/4 | 1,947 | 3/4 | 13,829 | 3/4 | 25,902 | 3/4 | 37,689 | 3/4 | 49,755 | 3/4 | 61,829 | 3/4 | 73,902 | 3/4 | 85,976 | 3/4 | 98,049 | 3/4 | 110,120 |
| 5 | 2,135 | 5 | 14,081 | 5 | 26,154 | 5 | 37,933 | 5 | 50,007 | 5 | 62,080 | 5 | 74,154 | 5 | 86,228 | 5 | 98,300 | 5 | 110,372 |
| 1/4 | 2,365 | 1/4 | 14,332 | 1/4 | 26,405 | 1/4 | 38,185 | 1/4 | 50,258 | 1/4 | 62,332 | 1/4 | 74,406 | 1/4 | 86,479 | 1/4 | 98,552 | 1/4 | 110,623 |
| 1/2 | 2,595 | 1/2 | 14,584 | 1/2 | 26,657 | 1/2 | 38,436 | 1/2 | 50,510 | 1/2 | 62,584 | 1/2 | 74,657 | 1/2 | 86,731 | 1/2 | 98,803 | 1/2 | 110,875 |
| 3/4 | 2,825 | 3/4 | 14,835 | 3/4 | 26,908 | 3/4 | 38,688 | 3/4 | 50,761 | 3/4 | 62,835 | 3/4 | 74,909 | 3/4 | 86,982 | 3/4 | 99,055 | 3/4 | 111,126 |
| 6 | 3,055 | 6 | 15,087 | 6 | 27,160 | 6 | 38,939 | 6 | 51,013 | 6 | 63,087 | 6 | 75,160 | 6 | 87,234 | 6 | 99,306 | 6 | 111,378 |
| 1/4 | 3,301 | 1/4 | 15,338 | 1/4 | 27,411 | 1/4 | 39,191 | 1/4 | 51,265 | 1/4 | 63,338 | 1/4 | 75,412 | 1/4 | 87,485 | 1/4 | 99,558 | 1/4 | 111,629 |
| 1/2 | 3,548 | 1/2 | 15,590 | 1/2 | 27,663 | 1/2 | 39,443 | 1/2 | 51,516 | 1/2 | 63,590 | 1/2 | 75,663 | 1/2 | 87,737 | 1/2 | 99,809 | 1/2 | 111,881 |
| 3/4 | 3,794 | 3/4 | 15,841 | 3/4 | 27,914 | 3/4 | 39,694 | 3/4 | 51,768 | 3/4 | 63,841 | 3/4 | 75,915 | 3/4 | 87,988 | 3/4 | 100,061 | 3/4 | 112,132 |
| 7 | 4,041 | 7 | 16,093 | 7 | 28,166 | 7 | 39,946 | 7 | 52,019 | 7 | 64,093 | 7 | 76,166 | 7 | 88,240 | 7 | 100,312 | 7 | 112,384 |
| 1/4 | 4,290 | 1/4 | 16,344 | 1/4 | 28,410 | 1/4 | 40,197 | 1/4 | 52,271 | 1/4 | 64,344 | 1/4 | 76,418 | 1/4 | 88,491 | 1/4 | 100,564 | 1/4 | 112,635 |
| 1/2 | 4,538 | 1/2 | 16,596 | 1/2 | 28,655 | 1/2 | 40,449 | 1/2 | 52,522 | 1/2 | 64,596 | 1/2 | 76,669 | 1/2 | 88,743 | 1/2 | 100,815 | 1/2 | 112,887 |
| 3/4 | 4,787 | 3/4 | 16,847 | 3/4 | 28,899 | 3/4 | 40,700 | 3/4 | 52,774 | 3/4 | 64,847 | 3/4 | 76,921 | 3/4 | 88,994 | 3/4 | 101,067 | 3/4 | 113,138 |
| 8 | 5,036 | 8 | 17,099 | 8 | 29,144 | 8 | 40,952 | 8 | 53,025 | 8 | 65,099 | 8 | 77,172 | 8 | 89,246 | 8 | 101,318 | 8 | 113,390 |
| 1/4 | 5,286 | 1/4 | 17,350 | 1/4 | 29,388 | 1/4 | 41,203 | 1/4 | 53,277 | 1/4 | 65,350 | 1/4 | 77,424 | 1/4 | 89,497 | 1/4 | 101,570 | 1/4 | 113,641 |
| 1/2 | 5,536 | 1/2 | 17,602 | 1/2 | 29,632 | 1/2 | 41,455 | 1/2 | 53,528 | 1/2 | 65,602 | 1/2 | 77,675 | 1/2 | 89,749 | 1/2 | 101,821 | 1/2 | 113,892 |
| 3/4 | 5,786 | 3/4 | 17,853 | 3/4 | 29,876 | 3/4 | 41,706 | 3/4 | 53,780 | 3/4 | 65,853 | 3/4 | 77,927 | 3/4 | 90,001 | 3/4 | 102,073 | 3/4 | 114,144 |
| 9 | 6,036 | 9 | 18,105 | 9 | 30,120 | 9 | 41,958 | 9 | 54,031 | 9 | 66,105 | 9 | 78,178 | 9 | 90,252 | 9 | 102,324 | 9 | 114,395 |
| 1/4 | 6,286 | 1/4 | 18,356 | 1/4 | 30,364 | 1/4 | 42,209 | 1/4 | 54,283 | 1/4 | 66,356 | 1/4 | 78,430 | 1/4 | 90,504 | 1/4 | 102,576 | 1/4 | 114,647 |
| 1/2 | 6,537 | 1/2 | 18,608 | 1/2 | 30,608 | 1/2 | 42,461 | 1/2 | 54,534 | 1/2 | 66,608 | 1/2 | 78,682 | 1/2 | 90,755 | 1/2 | 102,827 | 1/2 | 114,898 |
| 3/4 | 6,788 | 3/4 | 18,860 | 3/4 | 30,853 | 3/4 | 42,712 | 3/4 | 54,786 | 3/4 | 66,860 | 3/4 | 78,933 | 3/4 | 91,007 | 3/4 | 103,078 | 3/4 | 115,150 |
| 10 | 7,039 | 10 | 19,111 | 10 | 31,097 | 10 | 42,964 | 10 | 55,038 | 10 | 67,111 | 10 | 79,185 | 10 | 91,258 | 10 | 103,330 | 10 | 115,401 |
| 1/4 | 7,290 | 1/4 | 19,363 | 1/4 | 31,341 | 1/4 | 43,216 | 1/4 | 55,289 | 1/4 | 67,363 | 1/4 | 79,436 | 1/4 | 91,510 | 1/4 | 103,581 | 1/4 | 115,653 |
| 1/2 | 7,542 | 1/2 | 19,614 | 1/2 | 31,585 | 1/2 | 43,467 | 1/2 | 55,541 | 1/2 | 67,614 | 1/2 | 79,688 | 1/2 | 91,761 | 1/2 | 103,833 | 1/2 | 115,904 |
| 3/4 | 7,793 | 3/4 | 19,866 | 3/4 | 31,829 | 3/4 | 43,719 | 3/4 | 55,792 | 3/4 | 67,866 | 3/4 | 79,939 | 3/4 | 92,013 | 3/4 | 104,084 | 3/4 | 116,156 |
| 11 | 8,044 | 11 | 20,117 | 11 | 32,073 | 11 | 43,970 | 11 | 56,044 | 11 | 68,117 | 11 | 80,191 | 11 | 92,264 | 11 | 104,336 | 11 | 116,407 |
| 1/4 | 8,296 | 1/4 | 20,369 | 1/4 | 32,317 | 1/4 | 44,222 | 1/4 | 56,295 | 1/4 | 68,369 | 1/4 | 80,442 | 1/4 | 92,516 | 1/4 | 104,587 | 1/4 | 116,659 |
| 1/2 | 8,547 | 1/2 | 20,620 | 1/2 | 32,561 | 1/2 | 44,473 | 1/2 | 56,547 | 1/2 | 68,620 | 1/2 | 80,694 | 1/2 | 92,767 | 1/2 | 104,839 | 1/2 | 116,910 |
| 3/4 | 8,799 | 3/4 | 20,872 | 3/4 | 32,805 | 3/4 | 44,725 | 3/4 | 56,798 | 3/4 | 68,872 | 3/4 | 80,945 | 3/4 | 93,019 | 3/4 | 105,090 | 3/4 | 117,162 |

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 INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1344"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

| 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 | 117,413 | 0 | 129,485 | 0 | 141,556 | 0 | 153,561 | 0 | 165,528 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 117,665 | 1/4 | 129,736 | 1/4 | 141,806 | 1/4 | 153,811 | 1/4 | 165,776 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 117,916 | 1/2 | 129,988 | 1/2 | 142,056 | 1/2 | 154,061 | 1/2 | 166,024 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 118,168 | 3/4 | 130,239 | 3/4 | 142,307 | 3/4 | 154,311 | 3/4 | 166,271 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 118,419 | 1 | 130,491 | 1 | 142,557 | 1 | 154,561 | 1 | 166,519 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 118,671 | 1/4 | 130,742 | 1/4 | 142,807 | 1/4 | 154,811 | 1/4 | 166,767 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 118,922 | 1/2 | 130,994 | 1/2 | 143,057 | 1/2 | 155,061 | 1/2 | 167,015 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 119,174 | 3/4 | 131,245 | 3/4 | 143,307 | 3/4 | 155,311 | 3/4 | 167,262 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 119,425 | 2 | 131,497 | 2 | 143,557 | 2 | 155,561 | 2 | 167,510 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 119,677 | 1/4 | 131,748 | 1/4 | 143,807 | 1/4 | 155,811 | 1/4 | 167,737 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 119,928 | 1/2 | 132,000 | 1/2 | 144,057 | 1/2 | 156,062 | 1/2 | 167,964 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 120,180 | 3/4 | 132,251 | 3/4 | 144,307 | 3/4 | 156,312 | 3/4 | 168,191 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 120,431 | 3 | 132,503 | 3 | 144,557 | 3 | 156,562 | 3 | 168,417 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 120,683 | 1/4 | 132,754 | 1/4 | 144,807 | 1/4 | 156,812 | 1/4 | 168,602 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 120,934 | 1/2 | 133,006 | 1/2 | 145,058 | 1/2 | 157,062 | 1/2 | 168,787 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 121,186 | 3/4 | 133,257 | 3/4 | 145,308 | 3/4 | 157,312 | 3/4 | 168,972 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 121,437 | 4 | 133,509 | 4 | 145,558 | 4 | 157,562 | 4 | 169,157 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 121,689 | 1/4 | 133,760 | 1/4 | 145,808 | 1/4 | 157,812 | 1/4 | 169,300 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 121,940 | 1/2 | 134,012 | 1/2 | 146,058 | 1/2 | 158,062 | 1/2 | 169,443 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 122,192 | 3/4 | 134,263 | 3/4 | 146,308 | 3/4 | 158,312 | 3/4 | 169,586 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 122,443 | 5 | 134,515 | 5 | 146,558 | 5 | 158,562 | 5 | 169,729 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 122,695 | 1/4 | 134,766 | 1/4 | 146,808 | 1/4 | 158,813 | 1/4 | 169,830 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 122,946 | 1/2 | 135,018 | 1/2 | 147,058 | 1/2 | 159,063 | 1/2 | 169,931 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 123,198 | 3/4 | 135,269 | 3/4 | 147,308 | 3/4 | 159,313 | 3/4 | 170,032 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 123,449 | 6 | 135,521 | 6 | 147,558 | 6 | 159,563 | 6 | 170,133 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 123,701 | 1/4 | 135,772 | 1/4 | 147,809 | 1/4 | 159,813 | 1/4 | 170,192 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 123,952 | 1/2 | 136,024 | 1/2 | 148,059 | 1/2 | 160,063 | 1/2 | 170,251 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 124,204 | 3/4 | 136,275 | 3/4 | 148,309 | 3/4 | 160,313 | 3/4 | 170,311 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 124,455 | 7 | 136,526 | 7 | 148,559 | 7 | 160,563 | 7 | 170,370 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 124,707 | 1/4 | 136,778 | 1/4 | 148,809 | 1/4 | 160,813 | 1/4 | 170,387 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 124,958 | 1/2 | 137,029 | 1/2 | 149,059 | 1/2 | 161,063 | 1/2 | 170,404 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 125,209 | 3/4 | 137,281 | 3/4 | 149,309 | 3/4 | 161,313 | 3/4 | 170,421 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 125,461 | 8 | 137,532 | 8 | 149,559 | 8 | 161,564 | 8 | 170,439 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 125,712 | 1/4 | 137,784 | 1/4 | 149,809 | 1/4 | 161,811 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 125,964 | 1/2 | 138,035 | 1/2 | 150,059 | 1/2 | 162,059 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 126,215 | 3/4 | 138,287 | 3/4 | 150,309 | 3/4 | 162,307 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 126,467 | 9 | 138,538 | 9 | 150,560 | 9 | 162,555 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 126,718 | 1/4 | 138,790 | 1/4 | 150,810 | 1/4 | 162,802 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 126,970 | 1/2 | 139,041 | 1/2 | 151,060 | 1/2 | 163,050 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 127,221 | 3/4 | 139,293 | 3/4 | 151,310 | 3/4 | 163,298 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 127,473 | 10 | 139,544 | 10 | 151,560 | 10 | 163,546 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 127,724 | 1/4 | 139,796 | 1/4 | 151,810 | 1/4 | 163,794 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 127,976 | 1/2 | 140,047 | 1/2 | 152,060 | 1/2 | 164,041 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 128,227 | 3/4 | 140,299 | 3/4 | 152,310 | 3/4 | 164,289 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 128,479 | 11 | 140,550 | 11 | 152,560 | 11 | 164,537 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 128,730 | 1/4 | 140,802 | 1/4 | 152,810 | 1/4 | 164,785 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 128,982 | 1/2 | 141,053 | 1/2 | 153,060 | 1/2 | 165,032 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 129,233 | 3/4 | 141,305 | 3/4 | 153,311 | 3/4 | 165,280 | 3/4 | | 3/4 | 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: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
PRINTED: 02/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

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



BARGE "CBC 1344"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

| 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 | 39 | 0 | 8,041 | 0 | 18,763 | 0 | 29,470 | 0 | 40,180 | 0 | 50,902 | 0 | 61,624 | 0 | 72,345 | 0 | 83,067 | 0 | 93,787 |
| 1/4 | 58 | 1/4 | 8,265 | 1/4 | 18,986 | 1/4 | 29,692 | 1/4 | 40,403 | 1/4 | 51,125 | 1/4 | 61,847 | 1/4 | 72,569 | 1/4 | 83,290 | 1/4 | 94,010 |
| 1/2 | 77 | 1/2 | 8,488 | 1/2 | 19,209 | 1/2 | 29,915 | 1/2 | 40,627 | 1/2 | 51,348 | 1/2 | 62,070 | 1/2 | 72,792 | 1/2 | 83,514 | 1/2 | 94,234 |
| 3/4 | 95 | 3/4 | 8,711 | 3/4 | 19,433 | 3/4 | 30,138 | 3/4 | 40,850 | 3/4 | 51,572 | 3/4 | 62,294 | 3/4 | 73,015 | 3/4 | 83,737 | 3/4 | 94,457 |
| 1 | 114 | 1 | 8,935 | 1 | 19,656 | 1 | 30,360 | 1 | 41,073 | 1 | 51,795 | 1 | 62,517 | 1 | 73,239 | 1 | 83,960 | 1 | 94,680 |
| 1/4 | 170 | 1/4 | 9,158 | 1/4 | 19,879 | 1/4 | 30,583 | 1/4 | 41,297 | 1/4 | 52,019 | 1/4 | 62,740 | 1/4 | 73,462 | 1/4 | 84,184 | 1/4 | 94,904 |
| 1/2 | 225 | 1/2 | 9,381 | 1/2 | 20,103 | 1/2 | 30,806 | 1/2 | 41,520 | 1/2 | 52,242 | 1/2 | 62,964 | 1/2 | 73,686 | 1/2 | 84,407 | 1/2 | 95,127 |
| 3/4 | 281 | 3/4 | 9,605 | 3/4 | 20,326 | 3/4 | 31,028 | 3/4 | 41,744 | 3/4 | 52,465 | 3/4 | 63,187 | 3/4 | 73,909 | 3/4 | 84,630 | 3/4 | 95,350 |
| 2 | 337 | 2 | 9,828 | 2 | 20,549 | 2 | 31,251 | 2 | 41,967 | 2 | 52,689 | 2 | 63,410 | 2 | 74,132 | 2 | 84,854 | 2 | 95,574 |
| 1/4 | 430 | 1/4 | 10,051 | 1/4 | 20,773 | 1/4 | 31,474 | 1/4 | 42,190 | 1/4 | 52,912 | 1/4 | 63,634 | 1/4 | 74,356 | 1/4 | 85,077 | 1/4 | 95,797 |
| 1/2 | 523 | 1/2 | 10,275 | 1/2 | 20,996 | 1/2 | 31,696 | 1/2 | 42,414 | 1/2 | 53,135 | 1/2 | 63,857 | 1/2 | 74,579 | 1/2 | 85,300 | 1/2 | 96,020 |
| 3/4 | 616 | 3/4 | 10,498 | 3/4 | 21,220 | 3/4 | 31,919 | 3/4 | 42,637 | 3/4 | 53,359 | 3/4 | 64,081 | 3/4 | 74,802 | 3/4 | 85,524 | 3/4 | 96,244 |
| 3 | 709 | 3 | 10,722 | 3 | 21,443 | 3 | 32,142 | 3 | 42,860 | 3 | 53,582 | 3 | 64,304 | 3 | 75,026 | 3 | 85,747 | 3 | 96,467 |
| 1/4 | 840 | 1/4 | 10,945 | 1/4 | 21,666 | 1/4 | 32,364 | 1/4 | 43,084 | 1/4 | 53,806 | 1/4 | 64,527 | 1/4 | 75,249 | 1/4 | 85,970 | 1/4 | 96,690 |
| 1/2 | 970 | 1/2 | 11,168 | 1/2 | 21,890 | 1/2 | 32,587 | 1/2 | 43,307 | 1/2 | 54,029 | 1/2 | 64,751 | 1/2 | 75,472 | 1/2 | 86,194 | 1/2 | 96,914 |
| 3/4 | 1,100 | 3/4 | 11,392 | 3/4 | 22,113 | 3/4 | 32,809 | 3/4 | 43,531 | 3/4 | 54,252 | 3/4 | 64,974 | 3/4 | 75,696 | 3/4 | 86,417 | 3/4 | 97,137 |
| 4 | 1,230 | 4 | 11,615 | 4 | 22,336 | 4 | 33,032 | 4 | 43,754 | 4 | 54,476 | 4 | 65,197 | 4 | 75,919 | 4 | 86,640 | 4 | 97,360 |
| 1/4 | 1,398 | 1/4 | 11,838 | 1/4 | 22,560 | 1/4 | 33,256 | 1/4 | 43,977 | 1/4 | 54,699 | 1/4 | 65,421 | 1/4 | 76,143 | 1/4 | 86,864 | 1/4 | 97,584 |
| 1/2 | 1,566 | 1/2 | 12,062 | 1/2 | 22,783 | 1/2 | 33,479 | 1/2 | 44,201 | 1/2 | 54,922 | 1/2 | 65,644 | 1/2 | 76,366 | 1/2 | 87,087 | 1/2 | 97,807 |
| 3/4 | 1,733 | 3/4 | 12,285 | 3/4 | 23,006 | 3/4 | 33,702 | 3/4 | 44,424 | 3/4 | 55,146 | 3/4 | 65,868 | 3/4 | 76,589 | 3/4 | 87,310 | 3/4 | 98,030 |
| 5 | 1,901 | 5 | 12,508 | 5 | 23,230 | 5 | 33,926 | 5 | 44,647 | 5 | 55,369 | 5 | 66,091 | 5 | 76,813 | 5 | 87,534 | 5 | 98,254 |
| 1/4 | 2,105 | 1/4 | 12,732 | 1/4 | 23,453 | 1/4 | 34,149 | 1/4 | 44,871 | 1/4 | 55,593 | 1/4 | 66,314 | 1/4 | 77,036 | 1/4 | 87,757 | 1/4 | 98,477 |
| 1/2 | 2,309 | 1/2 | 12,955 | 1/2 | 23,676 | 1/2 | 34,372 | 1/2 | 45,094 | 1/2 | 55,816 | 1/2 | 66,538 | 1/2 | 77,259 | 1/2 | 87,980 | 1/2 | 98,700 |
| 3/4 | 2,513 | 3/4 | 13,179 | 3/4 | 23,900 | 3/4 | 34,596 | 3/4 | 45,318 | 3/4 | 56,039 | 3/4 | 66,761 | 3/4 | 77,483 | 3/4 | 88,204 | 3/4 | 98,924 |
| 6 | 2,717 | 6 | 13,402 | 6 | 24,123 | 6 | 34,819 | 6 | 45,541 | 6 | 56,263 | 6 | 66,984 | 6 | 77,706 | 6 | 88,427 | 6 | 99,147 |
| 1/4 | 2,936 | 1/4 | 13,625 | 1/4 | 24,346 | 1/4 | 35,042 | 1/4 | 45,764 | 1/4 | 56,486 | 1/4 | 67,208 | 1/4 | 77,930 | 1/4 | 88,650 | 1/4 | 99,370 |
| 1/2 | 3,155 | 1/2 | 13,849 | 1/2 | 24,569 | 1/2 | 35,266 | 1/2 | 45,988 | 1/2 | 56,709 | 1/2 | 67,431 | 1/2 | 78,153 | 1/2 | 88,874 | 1/2 | 99,594 |
| 3/4 | 3,374 | 3/4 | 14,072 | 3/4 | 24,792 | 3/4 | 35,489 | 3/4 | 46,211 | 3/4 | 56,933 | 3/4 | 67,655 | 3/4 | 78,376 | 3/4 | 89,097 | 3/4 | 99,817 |
| 7 | 3,593 | 7 | 14,295 | 7 | 25,015 | 7 | 35,713 | 7 | 46,434 | 7 | 57,156 | 7 | 67,878 | 7 | 78,600 | 7 | 89,320 | 7 | 100,040 |
| 1/4 | 3,814 | 1/4 | 14,519 | 1/4 | 25,238 | 1/4 | 35,936 | 1/4 | 46,658 | 1/4 | 57,379 | 1/4 | 68,101 | 1/4 | 78,823 | 1/4 | 89,544 | 1/4 | 100,264 |
| 1/2 | 4,035 | 1/2 | 14,742 | 1/2 | 25,461 | 1/2 | 36,159 | 1/2 | 46,881 | 1/2 | 57,603 | 1/2 | 68,325 | 1/2 | 79,046 | 1/2 | 89,767 | 1/2 | 100,487 |
| 3/4 | 4,255 | 3/4 | 14,965 | 3/4 | 25,684 | 3/4 | 36,383 | 3/4 | 47,104 | 3/4 | 57,826 | 3/4 | 68,548 | 3/4 | 79,270 | 3/4 | 89,990 | 3/4 | 100,710 |
| 8 | 4,476 | 8 | 15,189 | 8 | 25,907 | 8 | 36,606 | 8 | 47,328 | 8 | 58,050 | 8 | 68,771 | 8 | 79,493 | 8 | 90,214 | 8 | 100,934 |
| 1/4 | 4,698 | 1/4 | 15,412 | 1/4 | 26,130 | 1/4 | 36,829 | 1/4 | 47,551 | 1/4 | 58,273 | 1/4 | 68,995 | 1/4 | 79,717 | 1/4 | 90,437 | 1/4 | 101,157 |
| 1/2 | 4,920 | 1/2 | 15,635 | 1/2 | 26,353 | 1/2 | 37,053 | 1/2 | 47,775 | 1/2 | 58,496 | 1/2 | 69,218 | 1/2 | 79,940 | 1/2 | 90,660 | 1/2 | 101,380 |
| 3/4 | 5,142 | 3/4 | 15,859 | 3/4 | 26,575 | 3/4 | 37,276 | 3/4 | 47,998 | 3/4 | 58,720 | 3/4 | 69,441 | 3/4 | 80,163 | 3/4 | 90,884 | 3/4 | 101,604 |
| 9 | 5,364 | 9 | 16,082 | 9 | 26,798 | 9 | 37,500 | 9 | 48,221 | 9 | 58,943 | 9 | 69,665 | 9 | 80,387 | 9 | 91,107 | 9 | 101,827 |
| 1/4 | 5,587 | 1/4 | 16,306 | 1/4 | 27,021 | 1/4 | 37,723 | 1/4 | 48,445 | 1/4 | 59,166 | 1/4 | 69,888 | 1/4 | 80,610 | 1/4 | 91,330 | 1/4 | 102,050 |
| 1/2 | 5,810 | 1/2 | 16,529 | 1/2 | 27,243 | 1/2 | 37,946 | 1/2 | 48,668 | 1/2 | 59,390 | 1/2 | 70,112 | 1/2 | 80,833 | 1/2 | 91,554 | 1/2 | 102,274 |
| 3/4 | 6,032 | 3/4 | 16,752 | 3/4 | 27,466 | 3/4 | 38,170 | 3/4 | 48,891 | 3/4 | 59,613 | 3/4 | 70,335 | 3/4 | 81,057 | 3/4 | 91,777 | 3/4 | 102,497 |
| 10 | 6,255 | 10 | 16,976 | 10 | 27,688 | 10 | 38,393 | 10 | 49,115 | 10 | 59,837 | 10 | 70,558 | 10 | 81,280 | 10 | 92,000 | 10 | 102,720 |
| 1/4 | 6,478 | 1/4 | 17,199 | 1/4 | 27,911 | 1/4 | 38,616 | 1/4 | 49,338 | 1/4 | 60,060 | 1/4 | 70,782 | 1/4 | 81,503 | 1/4 | 92,224 | 1/4 | 102,944 |
| 1/2 | 6,702 | 1/2 | 17,422 | 1/2 | 28,134 | 1/2 | 38,840 | 1/2 | 49,562 | 1/2 | 60,283 | 1/2 | 71,005 | 1/2 | 81,727 | 1/2 | 92,447 | 1/2 | 103,167 |
| 3/4 | 6,925 | 3/4 | 17,646 | 3/4 | 28,356 | 3/4 | 39,063 | 3/4 | 49,785 | 3/4 | 60,507 | 3/4 | 71,228 | 3/4 | 81,950 | 3/4 | 92,670 | 3/4 | 103,390 |
| 11 | 7,148 | 11 | 17,869 | 11 | 28,579 | 11 | 39,287 | 11 | 50,008 | 11 | 60,730 | 11 | 71,452 | 11 | 82,174 | 11 | 92,894 | 11 | 103,614 |
| 1/4 | 7,371 | 1/4 | 18,092 | 1/4 | 28,802 | 1/4 | 39,510 | 1/4 | 50,232 | 1/4 | 60,953 | 1/4 | 71,675 | 1/4 | 82,397 | 1/4 | 93,117 | 1/4 | 103,837 |
| 1/2 | 7,595 | 1/2 | 18,316 | 1/2 | 29,024 | 1/2 | 39,733 | 1/2 | 50,455 | 1/2 | 61,177 | 1/2 | 71,899 | 1/2 | 82,620 | 1/2 | 93,340 | 1/2 | 104,060 |
| 3/4 | 7,818 | 3/4 | 18,539 | 3/4 | 29,247 | 3/4 | 39,957 | 3/4 | 50,678 | 3/4 | 61,400 | 3/4 | 72,122 | 3/4 | 82,844 | 3/4 | 93,564 | 3/4 | 104,284 |

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 INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1344"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

| 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 | 104,507 | 0 | 115,227 | 0 | 125,947 | 0 | 136,608 | 0 | 147,236 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 104,730 | 1/4 | 115,450 | 1/4 | 126,169 | 1/4 | 136,830 | 1/4 | 147,456 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 104,954 | 1/2 | 115,674 | 1/2 | 126,391 | 1/2 | 137,052 | 1/2 | 147,676 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 105,177 | 3/4 | 115,897 | 3/4 | 126,613 | 3/4 | 137,274 | 3/4 | 147,897 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 105,400 | 1 | 116,120 | 1 | 126,835 | 1 | 137,496 | 1 | 148,117 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 105,624 | 1/4 | 116,344 | 1/4 | 127,057 | 1/4 | 137,719 | 1/4 | 148,337 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 105,847 | 1/2 | 116,567 | 1/2 | 127,280 | 1/2 | 137,941 | 1/2 | 148,557 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 106,070 | 3/4 | 116,790 | 3/4 | 127,502 | 3/4 | 138,163 | 3/4 | 148,777 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 106,294 | 2 | 117,014 | 2 | 127,724 | 2 | 138,385 | 2 | 148,997 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 106,517 | 1/4 | 117,237 | 1/4 | 127,946 | 1/4 | 138,607 | 1/4 | 149,198 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 106,740 | 1/2 | 117,460 | 1/2 | 128,168 | 1/2 | 138,829 | 1/2 | 149,400 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 106,964 | 3/4 | 117,684 | 3/4 | 128,390 | 3/4 | 139,051 | 3/4 | 149,601 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 107,187 | 3 | 117,907 | 3 | 128,612 | 3 | 139,273 | 3 | 149,803 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 107,410 | 1/4 | 118,130 | 1/4 | 128,834 | 1/4 | 139,495 | 1/4 | 149,967 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 107,634 | 1/2 | 118,354 | 1/2 | 129,056 | 1/2 | 139,718 | 1/2 | 150,131 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 107,857 | 3/4 | 118,577 | 3/4 | 129,278 | 3/4 | 139,940 | 3/4 | 150,295 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 108,080 | 4 | 118,800 | 4 | 129,501 | 4 | 140,162 | 4 | 150,459 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 108,304 | 1/4 | 119,024 | 1/4 | 129,723 | 1/4 | 140,384 | 1/4 | 150,586 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 108,527 | 1/2 | 119,247 | 1/2 | 129,945 | 1/2 | 140,606 | 1/2 | 150,713 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 108,750 | 3/4 | 119,470 | 3/4 | 130,167 | 3/4 | 140,828 | 3/4 | 150,840 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 108,974 | 5 | 119,694 | 5 | 130,389 | 5 | 141,050 | 5 | 150,967 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 109,197 | 1/4 | 119,917 | 1/4 | 130,611 | 1/4 | 141,272 | 1/4 | 151,057 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 109,420 | 1/2 | 120,140 | 1/2 | 130,833 | 1/2 | 141,494 | 1/2 | 151,147 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 109,644 | 3/4 | 120,364 | 3/4 | 131,055 | 3/4 | 141,717 | 3/4 | 151,237 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 109,867 | 6 | 120,587 | 6 | 131,277 | 6 | 141,939 | 6 | 151,326 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 110,090 | 1/4 | 120,810 | 1/4 | 131,500 | 1/4 | 142,161 | 1/4 | 151,379 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 110,314 | 1/2 | 121,034 | 1/2 | 131,722 | 1/2 | 142,383 | 1/2 | 151,431 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 110,537 | 3/4 | 121,257 | 3/4 | 131,944 | 3/4 | 142,605 | 3/4 | 151,484 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 110,760 | 7 | 121,480 | 7 | 132,166 | 7 | 142,827 | 7 | 151,536 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 110,984 | 1/4 | 121,704 | 1/4 | 132,388 | 1/4 | 143,049 | 1/4 | 151,552 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 111,207 | 1/2 | 121,927 | 1/2 | 132,610 | 1/2 | 143,271 | 1/2 | 151,567 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 111,430 | 3/4 | 122,150 | 3/4 | 132,832 | 3/4 | 143,493 | 3/4 | 151,582 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 111,654 | 8 | 122,374 | 8 | 133,054 | 8 | 143,715 | 8 | 151,598 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 111,877 | 1/4 | 122,597 | 1/4 | 133,276 | 1/4 | 143,936 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 112,100 | 1/2 | 122,820 | 1/2 | 133,499 | 1/2 | 144,156 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 112,324 | 3/4 | 123,044 | 3/4 | 133,721 | 3/4 | 144,376 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 112,547 | 9 | 123,267 | 9 | 133,943 | 9 | 144,596 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 112,770 | 1/4 | 123,490 | 1/4 | 134,165 | 1/4 | 144,816 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 112,994 | 1/2 | 123,714 | 1/2 | 134,387 | 1/2 | 145,036 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 113,217 | 3/4 | 123,937 | 3/4 | 134,609 | 3/4 | 145,256 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 113,440 | 10 | 124,160 | 10 | 134,831 | 10 | 145,476 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 113,664 | 1/4 | 124,384 | 1/4 | 135,053 | 1/4 | 145,696 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 113,887 | 1/2 | 124,607 | 1/2 | 135,275 | 1/2 | 145,916 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 114,110 | 3/4 | 124,830 | 3/4 | 135,497 | 3/4 | 146,136 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 114,334 | 11 | 125,054 | 11 | 135,720 | 11 | 146,356 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 114,557 | 1/4 | 125,277 | 1/4 | 135,942 | 1/4 | 146,576 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 114,780 | 1/2 | 125,500 | 1/2 | 136,164 | 1/2 | 146,796 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 115,004 | 3/4 | 125,724 | 3/4 | 136,386 | 3/4 | 147,016 | 3/4 | | 3/4 | 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: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
PRINTED: 02/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

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



BARGE "CBC 1344"

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 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 |
| 2 CENTER | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 |
| 3 CENTER | - 00-1/4 | 00-1/4 | - 00-1/2 | 00-1/2 | - 00-3/4 | 00-3/4 | - 01-1/8 | 01-1/8 | - 01-3/8 | 01-3/8 | - 01-5/8 | 01-5/8 |

(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 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

February 20, 2012

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

<http://www.pmacorp.net>



BARGE "CBC 1344"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

| 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 | 147,390 | 0 | 139,721 | 0 | 130,290 | 0 | 120,841 | 0 | 111,376 | 0 | 100,772 | 0 | 89,998 | 0 | 79,223 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 147,374 | 1/4 | 139,524 | 1/4 | 130,094 | 1/4 | 120,644 | 1/4 | 111,179 | 1/4 | 100,548 | 1/4 | 89,773 | 1/4 | 78,998 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 147,358 | 1/2 | 139,327 | 1/2 | 129,898 | 1/2 | 120,446 | 1/2 | 110,982 | 1/2 | 100,323 | 1/2 | 89,549 | 1/2 | 78,774 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 147,304 | 3/4 | 139,130 | 3/4 | 129,702 | 3/4 | 120,249 | 3/4 | 110,785 | 3/4 | 100,099 | 3/4 | 89,325 | 3/4 | 78,549 |
| 1 | | 1 | | 1 | 147,250 | 1 | 138,934 | 1 | 129,506 | 1 | 120,052 | 1 | 110,588 | 1 | 99,874 | 1 | 89,100 | 1 | 78,325 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 147,197 | 1/4 | 138,737 | 1/4 | 129,310 | 1/4 | 119,855 | 1/4 | 110,391 | 1/4 | 99,650 | 1/4 | 88,876 | 1/4 | 78,100 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 147,143 | 1/2 | 138,540 | 1/2 | 129,113 | 1/2 | 119,657 | 1/2 | 110,194 | 1/2 | 99,425 | 1/2 | 88,651 | 1/2 | 77,876 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 147,052 | 3/4 | 138,343 | 3/4 | 128,917 | 3/4 | 119,460 | 3/4 | 109,970 | 3/4 | 99,201 | 3/4 | 88,427 | 3/4 | 77,651 |
| 2 | | 2 | | 2 | 146,961 | 2 | 138,147 | 2 | 128,720 | 2 | 119,263 | 2 | 109,745 | 2 | 98,977 | 2 | 88,202 | 2 | 77,427 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 146,870 | 1/4 | 137,950 | 1/4 | 128,523 | 1/4 | 119,066 | 1/4 | 109,521 | 1/4 | 98,752 | 1/4 | 87,978 | 1/4 | 77,202 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 146,779 | 1/2 | 137,753 | 1/2 | 128,327 | 1/2 | 118,868 | 1/2 | 109,297 | 1/2 | 98,528 | 1/2 | 87,753 | 1/2 | 76,978 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 146,650 | 3/4 | 137,556 | 3/4 | 128,130 | 3/4 | 118,671 | 3/4 | 109,073 | 3/4 | 98,303 | 3/4 | 87,529 | 3/4 | 76,754 |
| 3 | | 3 | | 3 | 146,522 | 3 | 137,360 | 3 | 127,933 | 3 | 118,474 | 3 | 108,849 | 3 | 98,079 | 3 | 87,304 | 3 | 76,530 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 146,393 | 1/4 | 137,163 | 1/4 | 127,736 | 1/4 | 118,277 | 1/4 | 108,624 | 1/4 | 97,854 | 1/4 | 87,080 | 1/4 | 76,307 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 146,265 | 1/2 | 136,966 | 1/2 | 127,540 | 1/2 | 118,079 | 1/2 | 108,400 | 1/2 | 97,630 | 1/2 | 86,855 | 1/2 | 76,083 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 146,099 | 3/4 | 136,769 | 3/4 | 127,343 | 3/4 | 117,882 | 3/4 | 108,176 | 3/4 | 97,405 | 3/4 | 86,631 | 3/4 | 75,860 |
| 4 | | 4 | | 4 | 145,932 | 4 | 136,573 | 4 | 127,146 | 4 | 117,685 | 4 | 107,952 | 4 | 97,181 | 4 | 86,406 | 4 | 75,637 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 145,766 | 1/4 | 136,376 | 1/4 | 126,949 | 1/4 | 117,487 | 1/4 | 107,728 | 1/4 | 96,956 | 1/4 | 86,182 | 1/4 | 75,414 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 145,600 | 1/2 | 136,179 | 1/2 | 126,753 | 1/2 | 117,290 | 1/2 | 107,503 | 1/2 | 96,732 | 1/2 | 85,958 | 1/2 | 75,191 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 145,397 | 3/4 | 135,982 | 3/4 | 126,556 | 3/4 | 117,093 | 3/4 | 107,279 | 3/4 | 96,507 | 3/4 | 85,733 | 3/4 | 74,968 |
| 5 | | 5 | | 5 | 145,193 | 5 | 135,786 | 5 | 126,359 | 5 | 116,896 | 5 | 107,055 | 5 | 96,283 | 5 | 85,509 | 5 | 74,745 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 144,990 | 1/4 | 135,589 | 1/4 | 126,162 | 1/4 | 116,698 | 1/4 | 106,831 | 1/4 | 96,059 | 1/4 | 85,284 | 1/4 | 74,522 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 144,786 | 1/2 | 135,392 | 1/2 | 125,966 | 1/2 | 116,501 | 1/2 | 106,606 | 1/2 | 95,834 | 1/2 | 85,060 | 1/2 | 74,299 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 144,591 | 3/4 | 135,196 | 3/4 | 125,769 | 3/4 | 116,304 | 3/4 | 106,382 | 3/4 | 95,610 | 3/4 | 84,835 | 3/4 | 74,076 |
| 6 | | 6 | | 6 | 144,397 | 6 | 134,999 | 6 | 125,572 | 6 | 116,107 | 6 | 106,158 | 6 | 95,385 | 6 | 84,611 | 6 | 73,853 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 144,202 | 1/4 | 134,802 | 1/4 | 125,375 | 1/4 | 115,909 | 1/4 | 105,934 | 1/4 | 95,161 | 1/4 | 84,386 | 1/4 | 73,629 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 144,007 | 1/2 | 134,605 | 1/2 | 125,179 | 1/2 | 115,712 | 1/2 | 105,710 | 1/2 | 94,936 | 1/2 | 84,162 | 1/2 | 73,406 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 143,813 | 3/4 | 134,409 | 3/4 | 124,982 | 3/4 | 115,515 | 3/4 | 105,485 | 3/4 | 94,712 | 3/4 | 83,937 | 3/4 | 73,183 |
| 7 | | 7 | | 7 | 143,618 | 7 | 134,212 | 7 | 124,785 | 7 | 115,318 | 7 | 105,261 | 7 | 94,487 | 7 | 83,713 | 7 | 72,960 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 143,423 | 1/4 | 134,015 | 1/4 | 124,588 | 1/4 | 115,120 | 1/4 | 105,037 | 1/4 | 94,263 | 1/4 | 83,488 | 1/4 | 72,737 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 143,229 | 1/2 | 133,818 | 1/2 | 124,392 | 1/2 | 114,923 | 1/2 | 104,813 | 1/2 | 94,038 | 1/2 | 83,264 | 1/2 | 72,514 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 143,034 | 3/4 | 133,622 | 3/4 | 124,194 | 3/4 | 114,726 | 3/4 | 104,588 | 3/4 | 93,814 | 3/4 | 83,039 | 3/4 | 72,291 |
| 8 | | 8 | | 8 | 142,839 | 8 | 133,426 | 8 | 123,997 | 8 | 114,529 | 8 | 104,364 | 8 | 93,589 | 8 | 82,815 | 8 | 72,068 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 142,645 | 1/4 | 133,230 | 1/4 | 123,800 | 1/4 | 114,332 | 1/4 | 104,139 | 1/4 | 93,365 | 1/4 | 82,590 | 1/4 | 71,845 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 142,450 | 1/2 | 133,034 | 1/2 | 123,603 | 1/2 | 114,135 | 1/2 | 103,915 | 1/2 | 93,140 | 1/2 | 82,366 | 1/2 | 71,622 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 142,255 | 3/4 | 132,838 | 3/4 | 123,405 | 3/4 | 113,938 | 3/4 | 103,690 | 3/4 | 92,916 | 3/4 | 82,141 | 3/4 | 71,399 |
| 9 | | 9 | | 9 | 142,061 | 9 | 132,642 | 9 | 123,208 | 9 | 113,741 | 9 | 103,466 | 9 | 92,692 | 9 | 81,917 | 9 | 71,176 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 141,866 | 1/4 | 132,446 | 1/4 | 123,011 | 1/4 | 113,544 | 1/4 | 103,241 | 1/4 | 92,467 | 1/4 | 81,692 | 1/4 | 70,953 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 141,671 | 1/2 | 132,250 | 1/2 | 122,814 | 1/2 | 113,347 | 1/2 | 103,017 | 1/2 | 92,243 | 1/2 | 81,468 | 1/2 | 70,730 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 141,477 | 3/4 | 132,054 | 3/4 | 122,616 | 3/4 | 113,150 | 3/4 | 102,792 | 3/4 | 92,018 | 3/4 | 81,243 | 3/4 | 70,507 |
| 10 | | 10 | | 10 | 141,282 | 10 | 131,858 | 10 | 122,419 | 10 | 112,953 | 10 | 102,568 | 10 | 91,794 | 10 | 81,019 | 10 | 70,284 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 141,087 | 1/4 | 131,662 | 1/4 | 122,222 | 1/4 | 112,756 | 1/4 | 102,344 | 1/4 | 91,569 | 1/4 | 80,794 | 1/4 | 70,061 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 140,893 | 1/2 | 131,466 | 1/2 | 122,025 | 1/2 | 112,558 | 1/2 | 102,119 | 1/2 | 91,345 | 1/2 | 80,570 | 1/2 | 69,838 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 140,698 | 3/4 | 131,270 | 3/4 | 121,827 | 3/4 | 112,361 | 3/4 | 101,895 | 3/4 | 91,120 | 3/4 | 80,345 | 3/4 | 69,614 |
| 11 | | 11 | | 11 | 140,503 | 11 | 131,074 | 11 | 121,630 | 11 | 112,164 | 11 | 101,670 | 11 | 90,896 | 11 | 80,121 | 11 | 69,390 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 140,309 | 1/4 | 130,878 | 1/4 | 121,433 | 1/4 | 111,967 | 1/4 | 101,446 | 1/4 | 90,671 | 1/4 | 79,896 | 1/4 | 69,166 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 140,114 | 1/2 | 130,682 | 1/2 | 121,236 | 1/2 | 111,770 | 1/2 | 101,221 | 1/2 | 90,447 | 1/2 | 79,672 | 1/2 | 68,942 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 140,061 | 3/4 | 130,537 | 3/4 | 121,091 | 3/4 | 111,631 | 3/4 | 101,081 | 3/4 | 90,307 | 3/4 | 79,547 | 3/4 | 68,817 |

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 ON CENTERLINE AND 26'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 1344"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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 | 68,495 | 0 | 57,727 | 0 | 46,956 | 0 | 36,185 | 0 | 25,611 | 0 | 14,848 | 0 | 4,063 | 0 | | 0 | | 0 | |
| 1/4 | 68,271 | 1/4 | 57,503 | 1/4 | 46,732 | 1/4 | 35,961 | 1/4 | 25,392 | 1/4 | 14,623 | 1/4 | 3,841 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 68,047 | 1/2 | 57,279 | 1/2 | 46,507 | 1/2 | 35,736 | 1/2 | 25,173 | 1/2 | 14,398 | 1/2 | 3,618 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 67,823 | 3/4 | 57,054 | 3/4 | 46,283 | 3/4 | 35,512 | 3/4 | 24,954 | 3/4 | 14,173 | 3/4 | 3,398 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 67,600 | 1 | 56,830 | 1 | 46,059 | 1 | 35,288 | 1 | 24,735 | 1 | 13,948 | 1 | 3,177 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 67,376 | 1/4 | 56,605 | 1/4 | 45,834 | 1/4 | 35,063 | 1/4 | 24,516 | 1/4 | 13,723 | 1/4 | 2,957 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 67,152 | 1/2 | 56,381 | 1/2 | 45,610 | 1/2 | 34,839 | 1/2 | 24,297 | 1/2 | 13,498 | 1/2 | 2,736 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 66,928 | 3/4 | 56,157 | 3/4 | 45,385 | 3/4 | 34,614 | 3/4 | 24,072 | 3/4 | 13,273 | 3/4 | 2,531 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 66,703 | 2 | 55,932 | 2 | 45,161 | 2 | 34,390 | 2 | 23,847 | 2 | 13,048 | 2 | 2,325 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 66,479 | 1/4 | 55,708 | 1/4 | 44,937 | 1/4 | 34,166 | 1/4 | 23,622 | 1/4 | 12,823 | 1/4 | 2,119 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 66,254 | 1/2 | 55,483 | 1/2 | 44,712 | 1/2 | 33,941 | 1/2 | 23,397 | 1/2 | 12,598 | 1/2 | 1,914 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 66,030 | 3/4 | 55,259 | 3/4 | 44,488 | 3/4 | 33,717 | 3/4 | 23,172 | 3/4 | 12,373 | 3/4 | 1,745 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 65,806 | 3 | 55,035 | 3 | 44,263 | 3 | 33,492 | 3 | 22,948 | 3 | 12,149 | 3 | 1,576 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 65,581 | 1/4 | 54,810 | 1/4 | 44,039 | 1/4 | 33,268 | 1/4 | 22,723 | 1/4 | 11,924 | 1/4 | 1,408 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 65,357 | 1/2 | 54,586 | 1/2 | 43,815 | 1/2 | 33,044 | 1/2 | 22,498 | 1/2 | 11,699 | 1/2 | 1,239 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 65,132 | 3/4 | 54,361 | 3/4 | 43,590 | 3/4 | 32,825 | 3/4 | 22,273 | 3/4 | 11,474 | 3/4 | 1,108 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 64,908 | 4 | 54,137 | 4 | 43,366 | 4 | 32,606 | 4 | 22,048 | 4 | 11,249 | 4 | 977 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 64,684 | 1/4 | 53,913 | 1/4 | 43,141 | 1/4 | 32,388 | 1/4 | 21,823 | 1/4 | 11,024 | 1/4 | 845 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 64,459 | 1/2 | 53,688 | 1/2 | 42,917 | 1/2 | 32,169 | 1/2 | 21,598 | 1/2 | 10,799 | 1/2 | 714 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 64,235 | 3/4 | 53,464 | 3/4 | 42,693 | 3/4 | 31,951 | 3/4 | 21,373 | 3/4 | 10,574 | 3/4 | 621 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 64,010 | 5 | 53,239 | 5 | 42,468 | 5 | 31,732 | 5 | 21,148 | 5 | 10,349 | 5 | 527 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 63,786 | 1/4 | 53,015 | 1/4 | 42,244 | 1/4 | 31,514 | 1/4 | 20,923 | 1/4 | 10,124 | 1/4 | 433 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 63,562 | 1/2 | 52,791 | 1/2 | 42,020 | 1/2 | 31,295 | 1/2 | 20,698 | 1/2 | 9,899 | 1/2 | 339 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 63,337 | 3/4 | 52,566 | 3/4 | 41,795 | 3/4 | 31,076 | 3/4 | 20,473 | 3/4 | 9,674 | 3/4 | 283 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 63,113 | 6 | 52,342 | 6 | 41,571 | 6 | 30,858 | 6 | 20,248 | 6 | 9,449 | 6 | 227 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 62,888 | 1/4 | 52,117 | 1/4 | 41,346 | 1/4 | 30,639 | 1/4 | 20,023 | 1/4 | 9,224 | 1/4 | 171 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 62,664 | 1/2 | 51,893 | 1/2 | 41,122 | 1/2 | 30,421 | 1/2 | 19,798 | 1/2 | 8,999 | 1/2 | 114 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 62,440 | 3/4 | 51,669 | 3/4 | 40,898 | 3/4 | 30,202 | 3/4 | 19,573 | 3/4 | 8,774 | 3/4 | 96 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 62,215 | 7 | 51,444 | 7 | 40,673 | 7 | 29,984 | 7 | 19,348 | 7 | 8,549 | 7 | 77 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 61,991 | 1/4 | 51,220 | 1/4 | 40,449 | 1/4 | 29,765 | 1/4 | 19,123 | 1/4 | 8,324 | 1/4 | 58 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 61,766 | 1/2 | 50,995 | 1/2 | 40,224 | 1/2 | 29,546 | 1/2 | 18,898 | 1/2 | 8,099 | 1/2 | 39 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 61,542 | 3/4 | 50,771 | 3/4 | 40,000 | 3/4 | 29,328 | 3/4 | 18,673 | 3/4 | 7,874 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 61,318 | 8 | 50,547 | 8 | 39,776 | 8 | 29,109 | 8 | 18,448 | 8 | 7,649 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 61,093 | 1/4 | 50,322 | 1/4 | 39,551 | 1/4 | 28,891 | 1/4 | 18,223 | 1/4 | 7,424 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 60,869 | 1/2 | 50,098 | 1/2 | 39,327 | 1/2 | 28,672 | 1/2 | 17,998 | 1/2 | 7,199 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 60,644 | 3/4 | 49,873 | 3/4 | 39,102 | 3/4 | 28,453 | 3/4 | 17,773 | 3/4 | 6,974 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 60,420 | 9 | 49,649 | 9 | 38,878 | 9 | 28,235 | 9 | 17,548 | 9 | 6,750 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 60,196 | 1/4 | 49,425 | 1/4 | 38,654 | 1/4 | 28,016 | 1/4 | 17,323 | 1/4 | 6,525 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 59,971 | 1/2 | 49,200 | 1/2 | 38,429 | 1/2 | 27,798 | 1/2 | 17,098 | 1/2 | 6,300 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 59,747 | 3/4 | 48,976 | 3/4 | 38,205 | 3/4 | 27,579 | 3/4 | 16,873 | 3/4 | 6,076 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 59,522 | 10 | 48,751 | 10 | 37,980 | 10 | 27,361 | 10 | 16,648 | 10 | 5,851 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 59,298 | 1/4 | 48,527 | 1/4 | 37,756 | 1/4 | 27,142 | 1/4 | 16,423 | 1/4 | 5,627 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 59,074 | 1/2 | 48,303 | 1/2 | 37,532 | 1/2 | 26,923 | 1/2 | 16,198 | 1/2 | 5,403 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 58,849 | 3/4 | 48,078 | 3/4 | 37,307 | 3/4 | 26,705 | 3/4 | 15,973 | 3/4 | 5,179 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 58,625 | 11 | 47,854 | 11 | 37,083 | 11 | 26,486 | 11 | 15,748 | 11 | 4,955 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 58,400 | 1/4 | 47,629 | 1/4 | 36,858 | 1/4 | 26,268 | 1/4 | 15,523 | 1/4 | 4,732 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 58,176 | 1/2 | 47,405 | 1/2 | 36,634 | 1/2 | 26,049 | 1/2 | 15,298 | 1/2 | 4,508 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 57,952 | 3/4 | 47,181 | 3/4 | 36,410 | 3/4 | 25,830 | 3/4 | 15,073 | 3/4 | 4,286 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
PRINTED: 02/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

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



BARGE "CBC 1344"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

| 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 | 170,421 | 0 | 161,313 | 0 | 149,309 | 0 | 137,281 | 0 | 125,209 | 0 | 113,138 | 0 | 101,067 | 0 | 88,994 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 170,404 | 1/4 | 161,063 | 1/4 | 149,059 | 1/4 | 137,029 | 1/4 | 124,958 | 1/4 | 112,887 | 1/4 | 100,815 | 1/4 | 88,743 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 170,387 | 1/2 | 160,813 | 1/2 | 148,809 | 1/2 | 136,778 | 1/2 | 124,707 | 1/2 | 112,635 | 1/2 | 100,564 | 1/2 | 88,491 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 170,370 | 3/4 | 160,563 | 3/4 | 148,559 | 3/4 | 136,526 | 3/4 | 124,455 | 3/4 | 112,384 | 3/4 | 100,312 | 3/4 | 88,240 |
| 1 | | 1 | | 1 | 170,311 | 1 | 160,313 | 1 | 148,309 | 1 | 136,275 | 1 | 124,204 | 1 | 112,132 | 1 | 100,061 | 1 | 87,988 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 170,251 | 1/4 | 160,063 | 1/4 | 148,059 | 1/4 | 136,024 | 1/4 | 123,952 | 1/4 | 111,881 | 1/4 | 99,809 | 1/4 | 87,737 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 170,192 | 1/2 | 159,813 | 1/2 | 147,809 | 1/2 | 135,772 | 1/2 | 123,701 | 1/2 | 111,629 | 1/2 | 99,558 | 1/2 | 87,485 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 170,133 | 3/4 | 159,563 | 3/4 | 147,558 | 3/4 | 135,521 | 3/4 | 123,449 | 3/4 | 111,378 | 3/4 | 99,306 | 3/4 | 87,234 |
| 2 | | 2 | | 2 | 170,032 | 2 | 159,313 | 2 | 147,308 | 2 | 135,269 | 2 | 123,198 | 2 | 111,126 | 2 | 99,055 | 2 | 86,982 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 169,931 | 1/4 | 159,063 | 1/4 | 147,058 | 1/4 | 135,018 | 1/4 | 122,946 | 1/4 | 110,875 | 1/4 | 98,803 | 1/4 | 86,731 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 169,830 | 1/2 | 158,813 | 1/2 | 146,808 | 1/2 | 134,766 | 1/2 | 122,695 | 1/2 | 110,623 | 1/2 | 98,552 | 1/2 | 86,479 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 169,729 | 3/4 | 158,562 | 3/4 | 146,558 | 3/4 | 134,515 | 3/4 | 122,443 | 3/4 | 110,372 | 3/4 | 98,300 | 3/4 | 86,228 |
| 3 | | 3 | | 3 | 169,586 | 3 | 158,312 | 3 | 146,308 | 3 | 134,263 | 3 | 122,192 | 3 | 110,120 | 3 | 98,049 | 3 | 85,976 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 169,443 | 1/4 | 158,062 | 1/4 | 146,058 | 1/4 | 134,012 | 1/4 | 121,940 | 1/4 | 109,869 | 1/4 | 97,797 | 1/4 | 85,724 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 169,300 | 1/2 | 157,812 | 1/2 | 145,808 | 1/2 | 133,760 | 1/2 | 121,689 | 1/2 | 109,617 | 1/2 | 97,546 | 1/2 | 85,473 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 169,157 | 3/4 | 157,562 | 3/4 | 145,558 | 3/4 | 133,509 | 3/4 | 121,437 | 3/4 | 109,366 | 3/4 | 97,294 | 3/4 | 85,221 |
| 4 | | 4 | | 4 | 168,972 | 4 | 157,312 | 4 | 145,308 | 4 | 133,257 | 4 | 121,186 | 4 | 109,114 | 4 | 97,043 | 4 | 84,970 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 168,787 | 1/4 | 157,062 | 1/4 | 145,058 | 1/4 | 133,006 | 1/4 | 120,934 | 1/4 | 108,863 | 1/4 | 96,791 | 1/4 | 84,718 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 168,602 | 1/2 | 156,812 | 1/2 | 144,807 | 1/2 | 132,754 | 1/2 | 120,683 | 1/2 | 108,611 | 1/2 | 96,540 | 1/2 | 84,467 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 168,417 | 3/4 | 156,562 | 3/4 | 144,557 | 3/4 | 132,503 | 3/4 | 120,431 | 3/4 | 108,360 | 3/4 | 96,288 | 3/4 | 84,215 |
| 5 | | 5 | | 5 | 168,191 | 5 | 156,312 | 5 | 144,307 | 5 | 132,251 | 5 | 120,180 | 5 | 108,108 | 5 | 96,037 | 5 | 83,964 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 167,964 | 1/4 | 156,062 | 1/4 | 144,057 | 1/4 | 132,000 | 1/4 | 119,928 | 1/4 | 107,857 | 1/4 | 95,785 | 1/4 | 83,712 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 167,737 | 1/2 | 155,811 | 1/2 | 143,807 | 1/2 | 131,748 | 1/2 | 119,677 | 1/2 | 107,605 | 1/2 | 95,534 | 1/2 | 83,461 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 167,510 | 3/4 | 155,561 | 3/4 | 143,557 | 3/4 | 131,497 | 3/4 | 119,425 | 3/4 | 107,354 | 3/4 | 95,282 | 3/4 | 83,209 |
| 6 | | 6 | | 6 | 167,262 | 6 | 155,311 | 6 | 143,307 | 6 | 131,245 | 6 | 119,174 | 6 | 107,102 | 6 | 95,031 | 6 | 82,958 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 167,015 | 1/4 | 155,061 | 1/4 | 143,057 | 1/4 | 130,994 | 1/4 | 118,922 | 1/4 | 106,851 | 1/4 | 94,779 | 1/4 | 82,706 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 166,767 | 1/2 | 154,811 | 1/2 | 142,807 | 1/2 | 130,742 | 1/2 | 118,671 | 1/2 | 106,599 | 1/2 | 94,528 | 1/2 | 82,455 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 166,519 | 3/4 | 154,561 | 3/4 | 142,557 | 3/4 | 130,491 | 3/4 | 118,419 | 3/4 | 106,348 | 3/4 | 94,276 | 3/4 | 82,203 |
| 7 | | 7 | | 7 | 166,271 | 7 | 154,311 | 7 | 142,307 | 7 | 130,239 | 7 | 118,168 | 7 | 106,096 | 7 | 94,025 | 7 | 81,951 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 166,024 | 1/4 | 154,061 | 1/4 | 142,056 | 1/4 | 129,988 | 1/4 | 117,916 | 1/4 | 105,845 | 1/4 | 93,773 | 1/4 | 81,700 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 165,776 | 1/2 | 153,811 | 1/2 | 141,806 | 1/2 | 129,736 | 1/2 | 117,665 | 1/2 | 105,593 | 1/2 | 93,522 | 1/2 | 81,448 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 165,528 | 3/4 | 153,561 | 3/4 | 141,556 | 3/4 | 129,485 | 3/4 | 117,413 | 3/4 | 105,342 | 3/4 | 93,270 | 3/4 | 81,197 |
| 8 | | 8 | | 8 | 165,280 | 8 | 153,311 | 8 | 141,305 | 8 | 129,233 | 8 | 117,162 | 8 | 105,090 | 8 | 93,019 | 8 | 80,945 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 165,032 | 1/4 | 153,060 | 1/4 | 141,053 | 1/4 | 128,982 | 1/4 | 116,910 | 1/4 | 104,839 | 1/4 | 92,767 | 1/4 | 80,694 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 164,785 | 1/2 | 152,810 | 1/2 | 140,802 | 1/2 | 128,730 | 1/2 | 116,659 | 1/2 | 104,587 | 1/2 | 92,516 | 1/2 | 80,442 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 164,537 | 3/4 | 152,560 | 3/4 | 140,550 | 3/4 | 128,479 | 3/4 | 116,407 | 3/4 | 104,336 | 3/4 | 92,264 | 3/4 | 80,191 |
| 9 | | 9 | | 9 | 164,289 | 9 | 152,310 | 9 | 140,299 | 9 | 128,227 | 9 | 116,156 | 9 | 104,084 | 9 | 92,013 | 9 | 79,939 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 164,041 | 1/4 | 152,060 | 1/4 | 140,047 | 1/4 | 127,976 | 1/4 | 115,904 | 1/4 | 103,833 | 1/4 | 91,761 | 1/4 | 79,688 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 163,794 | 1/2 | 151,810 | 1/2 | 139,796 | 1/2 | 127,724 | 1/2 | 115,653 | 1/2 | 103,581 | 1/2 | 91,510 | 1/2 | 79,436 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 163,546 | 3/4 | 151,560 | 3/4 | 139,544 | 3/4 | 127,473 | 3/4 | 115,401 | 3/4 | 103,330 | 3/4 | 91,258 | 3/4 | 79,185 |
| 10 | | 10 | | 10 | 163,298 | 10 | 151,310 | 10 | 139,293 | 10 | 127,221 | 10 | 115,150 | 10 | 103,078 | 10 | 91,007 | 10 | 78,933 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 163,050 | 1/4 | 151,060 | 1/4 | 139,041 | 1/4 | 126,970 | 1/4 | 114,898 | 1/4 | 102,827 | 1/4 | 90,755 | 1/4 | 78,682 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 162,802 | 1/2 | 150,810 | 1/2 | 138,790 | 1/2 | 126,718 | 1/2 | 114,647 | 1/2 | 102,576 | 1/2 | 90,504 | 1/2 | 78,430 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 162,555 | 3/4 | 150,560 | 3/4 | 138,538 | 3/4 | 126,467 | 3/4 | 114,395 | 3/4 | 102,324 | 3/4 | 90,252 | 3/4 | 78,178 |
| 11 | | 11 | | 11 | 162,307 | 11 | 150,309 | 11 | 138,287 | 11 | 126,215 | 11 | 114,144 | 11 | 102,073 | 11 | 90,001 | 11 | 77,927 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 162,059 | 1/4 | 150,059 | 1/4 | 138,035 | 1/4 | 125,964 | 1/4 | 113,892 | 1/4 | 101,821 | 1/4 | 89,749 | 1/4 | 77,675 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 161,811 | 1/2 | 149,809 | 1/2 | 137,784 | 1/2 | 125,712 | 1/2 | 113,641 | 1/2 | 101,570 | 1/2 | 89,497 | 1/2 | 77,424 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 170,439 | 3/4 | 161,564 | 3/4 | 149,559 | 3/4 | 137,532 | 3/4 | 125,461 | 3/4 | 113,390 | 3/4 | 101,318 | 3/4 | 77,172 |

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 ON CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1344"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

| 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 | 76,921 | 0 | 64,847 | 0 | 52,774 | 0 | 40,700 | 0 | 28,899 | 0 | 16,847 | 0 | 4,787 | 0 | | 0 | | 0 | |
| 1/4 | 76,669 | 1/4 | 64,596 | 1/4 | 52,522 | 1/4 | 40,449 | 1/4 | 28,655 | 1/4 | 16,596 | 1/4 | 4,538 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,418 | 1/2 | 64,344 | 1/2 | 52,271 | 1/2 | 40,197 | 1/2 | 28,410 | 1/2 | 16,344 | 1/2 | 4,290 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,166 | 3/4 | 64,093 | 3/4 | 52,019 | 3/4 | 39,946 | 3/4 | 28,166 | 3/4 | 16,093 | 3/4 | 4,041 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 75,915 | 1 | 63,841 | 1 | 51,768 | 1 | 39,694 | 1 | 27,914 | 1 | 15,841 | 1 | 3,794 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 75,663 | 1/4 | 63,590 | 1/4 | 51,516 | 1/4 | 39,443 | 1/4 | 27,663 | 1/4 | 15,590 | 1/4 | 3,548 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,412 | 1/2 | 63,338 | 1/2 | 51,265 | 1/2 | 39,191 | 1/2 | 27,411 | 1/2 | 15,338 | 1/2 | 3,301 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,160 | 3/4 | 63,087 | 3/4 | 51,013 | 3/4 | 38,939 | 3/4 | 27,160 | 3/4 | 15,087 | 3/4 | 3,055 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 74,909 | 2 | 62,835 | 2 | 50,761 | 2 | 38,688 | 2 | 26,908 | 2 | 14,835 | 2 | 2,825 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 74,657 | 1/4 | 62,584 | 1/4 | 50,510 | 1/4 | 38,436 | 1/4 | 26,657 | 1/4 | 14,584 | 1/4 | 2,595 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,406 | 1/2 | 62,332 | 1/2 | 50,258 | 1/2 | 38,185 | 1/2 | 26,405 | 1/2 | 14,332 | 1/2 | 2,365 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,154 | 3/4 | 62,080 | 3/4 | 50,007 | 3/4 | 37,933 | 3/4 | 26,154 | 3/4 | 14,081 | 3/4 | 2,135 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 73,902 | 3 | 61,829 | 3 | 49,755 | 3 | 37,689 | 3 | 25,902 | 3 | 13,829 | 3 | 1,947 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 73,651 | 1/4 | 61,577 | 1/4 | 49,504 | 1/4 | 37,444 | 1/4 | 25,651 | 1/4 | 13,578 | 1/4 | 1,758 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,399 | 1/2 | 61,326 | 1/2 | 49,252 | 1/2 | 37,200 | 1/2 | 25,399 | 1/2 | 13,326 | 1/2 | 1,569 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,148 | 3/4 | 61,074 | 3/4 | 49,001 | 3/4 | 36,955 | 3/4 | 25,148 | 3/4 | 13,074 | 3/4 | 1,381 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 72,896 | 4 | 60,823 | 4 | 48,749 | 4 | 36,711 | 4 | 24,896 | 4 | 12,823 | 4 | 1,234 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 72,645 | 1/4 | 60,571 | 1/4 | 48,498 | 1/4 | 36,467 | 1/4 | 24,645 | 1/4 | 12,571 | 1/4 | 1,087 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 72,393 | 1/2 | 60,320 | 1/2 | 48,246 | 1/2 | 36,223 | 1/2 | 24,393 | 1/2 | 12,320 | 1/2 | 940 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 72,142 | 3/4 | 60,068 | 3/4 | 47,995 | 3/4 | 35,979 | 3/4 | 24,141 | 3/4 | 12,068 | 3/4 | 794 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 71,890 | 5 | 59,817 | 5 | 47,743 | 5 | 35,735 | 5 | 23,890 | 5 | 11,817 | 5 | 689 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 71,639 | 1/4 | 59,565 | 1/4 | 47,492 | 1/4 | 35,491 | 1/4 | 23,638 | 1/4 | 11,565 | 1/4 | 584 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 71,387 | 1/2 | 59,314 | 1/2 | 47,240 | 1/2 | 35,247 | 1/2 | 23,387 | 1/2 | 11,314 | 1/2 | 479 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 71,136 | 3/4 | 59,062 | 3/4 | 46,989 | 3/4 | 35,003 | 3/4 | 23,135 | 3/4 | 11,062 | 3/4 | 375 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 70,884 | 6 | 58,811 | 6 | 46,737 | 6 | 34,758 | 6 | 22,884 | 6 | 10,811 | 6 | 312 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 70,633 | 1/4 | 58,559 | 1/4 | 46,485 | 1/4 | 34,514 | 1/4 | 22,632 | 1/4 | 10,559 | 1/4 | 249 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 70,381 | 1/2 | 58,307 | 1/2 | 46,234 | 1/2 | 34,270 | 1/2 | 22,381 | 1/2 | 10,308 | 1/2 | 186 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 70,129 | 3/4 | 58,056 | 3/4 | 45,982 | 3/4 | 34,026 | 3/4 | 22,129 | 3/4 | 10,056 | 3/4 | 123 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 69,878 | 7 | 57,804 | 7 | 45,731 | 7 | 33,782 | 7 | 21,878 | 7 | 9,805 | 7 | 102 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 69,626 | 1/4 | 57,553 | 1/4 | 45,479 | 1/4 | 33,538 | 1/4 | 21,626 | 1/4 | 9,553 | 1/4 | 81 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 69,375 | 1/2 | 57,301 | 1/2 | 45,228 | 1/2 | 33,294 | 1/2 | 21,375 | 1/2 | 9,302 | 1/2 | 60 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 69,123 | 3/4 | 57,050 | 3/4 | 44,976 | 3/4 | 33,050 | 3/4 | 21,123 | 3/4 | 9,050 | 3/4 | 39 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 68,872 | 8 | 56,798 | 8 | 44,725 | 8 | 32,805 | 8 | 20,872 | 8 | 8,799 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 68,620 | 1/4 | 56,547 | 1/4 | 44,473 | 1/4 | 32,561 | 1/4 | 20,620 | 1/4 | 8,547 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 68,369 | 1/2 | 56,295 | 1/2 | 44,222 | 1/2 | 32,317 | 1/2 | 20,369 | 1/2 | 8,296 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 68,117 | 3/4 | 56,044 | 3/4 | 43,970 | 3/4 | 32,073 | 3/4 | 20,117 | 3/4 | 8,044 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 67,866 | 9 | 55,792 | 9 | 43,719 | 9 | 31,829 | 9 | 19,866 | 9 | 7,793 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 67,614 | 1/4 | 55,541 | 1/4 | 43,467 | 1/4 | 31,585 | 1/4 | 19,614 | 1/4 | 7,542 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 67,363 | 1/2 | 55,289 | 1/2 | 43,216 | 1/2 | 31,341 | 1/2 | 19,363 | 1/2 | 7,290 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 67,111 | 3/4 | 55,038 | 3/4 | 42,964 | 3/4 | 31,097 | 3/4 | 19,111 | 3/4 | 7,039 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 66,860 | 10 | 54,786 | 10 | 42,712 | 10 | 30,853 | 10 | 18,860 | 10 | 6,788 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 66,608 | 1/4 | 54,534 | 1/4 | 42,461 | 1/4 | 30,608 | 1/4 | 18,608 | 1/4 | 6,537 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 66,356 | 1/2 | 54,283 | 1/2 | 42,209 | 1/2 | 30,364 | 1/2 | 18,356 | 1/2 | 6,286 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 66,105 | 3/4 | 54,031 | 3/4 | 41,958 | 3/4 | 30,120 | 3/4 | 18,105 | 3/4 | 6,036 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 65,853 | 11 | 53,780 | 11 | 41,706 | 11 | 29,876 | 11 | 17,853 | 11 | 5,786 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 65,602 | 1/4 | 53,528 | 1/4 | 41,455 | 1/4 | 29,632 | 1/4 | 17,602 | 1/4 | 5,536 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 65,350 | 1/2 | 53,277 | 1/2 | 41,203 | 1/2 | 29,388 | 1/2 | 17,350 | 1/2 | 5,286 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 65,099 | 3/4 | 53,025 | 3/4 | 40,952 | 3/4 | 29,144 | 3/4 | 17,099 | 3/4 | 5,036 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
PRINTED: 02/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

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



BARGE "CBC 1344"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

| 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 | 151,582 | 0 | 143,493 | 0 | 132,832 | 0 | 122,150 | 0 | 111,430 | 0 | 100,710 | 0 | 89,990 | 0 | 79,270 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 151,567 | 1/4 | 143,271 | 1/4 | 132,610 | 1/4 | 121,927 | 1/4 | 111,207 | 1/4 | 100,487 | 1/4 | 89,767 | 1/4 | 79,046 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 151,552 | 1/2 | 143,049 | 1/2 | 132,388 | 1/2 | 121,704 | 1/2 | 110,984 | 1/2 | 100,264 | 1/2 | 89,544 | 1/2 | 78,823 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 151,536 | 3/4 | 142,827 | 3/4 | 132,166 | 3/4 | 121,480 | 3/4 | 110,760 | 3/4 | 100,040 | 3/4 | 89,320 | 3/4 | 78,600 |
| 1 | | 1 | | 1 | 151,484 | 1 | 142,605 | 1 | 131,944 | 1 | 121,257 | 1 | 110,537 | 1 | 99,817 | 1 | 89,097 | 1 | 78,376 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 151,431 | 1/4 | 142,383 | 1/4 | 131,722 | 1/4 | 121,034 | 1/4 | 110,314 | 1/4 | 99,594 | 1/4 | 88,874 | 1/4 | 78,153 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 151,379 | 1/2 | 142,161 | 1/2 | 131,500 | 1/2 | 120,810 | 1/2 | 110,090 | 1/2 | 99,370 | 1/2 | 88,650 | 1/2 | 77,930 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 151,326 | 3/4 | 141,939 | 3/4 | 131,277 | 3/4 | 120,587 | 3/4 | 109,867 | 3/4 | 99,147 | 3/4 | 88,427 | 3/4 | 77,706 |
| 2 | | 2 | | 2 | 151,237 | 2 | 141,717 | 2 | 131,055 | 2 | 120,364 | 2 | 109,644 | 2 | 98,924 | 2 | 88,204 | 2 | 77,483 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 151,147 | 1/4 | 141,494 | 1/4 | 130,833 | 1/4 | 120,140 | 1/4 | 109,420 | 1/4 | 98,700 | 1/4 | 87,980 | 1/4 | 77,259 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 151,057 | 1/2 | 141,272 | 1/2 | 130,611 | 1/2 | 119,917 | 1/2 | 109,197 | 1/2 | 98,477 | 1/2 | 87,757 | 1/2 | 77,036 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 150,967 | 3/4 | 141,050 | 3/4 | 130,389 | 3/4 | 119,694 | 3/4 | 108,974 | 3/4 | 98,254 | 3/4 | 87,534 | 3/4 | 76,813 |
| 3 | | 3 | | 3 | 150,840 | 3 | 140,828 | 3 | 130,167 | 3 | 119,470 | 3 | 108,750 | 3 | 98,030 | 3 | 87,310 | 3 | 76,589 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 150,713 | 1/4 | 140,606 | 1/4 | 129,945 | 1/4 | 119,247 | 1/4 | 108,527 | 1/4 | 97,807 | 1/4 | 87,087 | 1/4 | 76,366 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 150,586 | 1/2 | 140,384 | 1/2 | 129,723 | 1/2 | 119,024 | 1/2 | 108,304 | 1/2 | 97,584 | 1/2 | 86,864 | 1/2 | 76,143 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 150,459 | 3/4 | 140,162 | 3/4 | 129,501 | 3/4 | 118,800 | 3/4 | 108,080 | 3/4 | 97,360 | 3/4 | 86,640 | 3/4 | 75,919 |
| 4 | | 4 | | 4 | 150,295 | 4 | 139,940 | 4 | 129,278 | 4 | 118,577 | 4 | 107,857 | 4 | 97,137 | 4 | 86,417 | 4 | 75,696 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 150,131 | 1/4 | 139,718 | 1/4 | 129,056 | 1/4 | 118,354 | 1/4 | 107,634 | 1/4 | 96,914 | 1/4 | 86,194 | 1/4 | 75,472 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 149,967 | 1/2 | 139,495 | 1/2 | 128,834 | 1/2 | 118,130 | 1/2 | 107,410 | 1/2 | 96,690 | 1/2 | 85,970 | 1/2 | 75,249 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 149,803 | 3/4 | 139,273 | 3/4 | 128,612 | 3/4 | 117,907 | 3/4 | 107,187 | 3/4 | 96,467 | 3/4 | 85,747 | 3/4 | 75,026 |
| 5 | | 5 | | 5 | 149,601 | 5 | 139,051 | 5 | 128,390 | 5 | 117,684 | 5 | 106,964 | 5 | 96,244 | 5 | 85,524 | 5 | 74,802 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 149,400 | 1/4 | 138,829 | 1/4 | 128,168 | 1/4 | 117,460 | 1/4 | 106,740 | 1/4 | 96,020 | 1/4 | 85,300 | 1/4 | 74,579 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 149,198 | 1/2 | 138,607 | 1/2 | 127,946 | 1/2 | 117,237 | 1/2 | 106,517 | 1/2 | 95,797 | 1/2 | 85,077 | 1/2 | 74,356 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 148,997 | 3/4 | 138,385 | 3/4 | 127,724 | 3/4 | 117,014 | 3/4 | 106,294 | 3/4 | 95,574 | 3/4 | 84,854 | 3/4 | 74,132 |
| 6 | | 6 | | 6 | 148,777 | 6 | 138,163 | 6 | 127,502 | 6 | 116,790 | 6 | 106,070 | 6 | 95,350 | 6 | 84,630 | 6 | 73,909 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 148,557 | 1/4 | 137,941 | 1/4 | 127,280 | 1/4 | 116,567 | 1/4 | 105,847 | 1/4 | 95,127 | 1/4 | 84,407 | 1/4 | 73,686 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 148,337 | 1/2 | 137,719 | 1/2 | 127,057 | 1/2 | 116,344 | 1/2 | 105,624 | 1/2 | 94,904 | 1/2 | 84,184 | 1/2 | 73,462 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 148,117 | 3/4 | 137,496 | 3/4 | 126,835 | 3/4 | 116,120 | 3/4 | 105,400 | 3/4 | 94,680 | 3/4 | 83,960 | 3/4 | 73,239 |
| 7 | | 7 | | 7 | 147,897 | 7 | 137,274 | 7 | 126,613 | 7 | 115,897 | 7 | 105,177 | 7 | 94,457 | 7 | 83,737 | 7 | 73,015 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 147,676 | 1/4 | 137,052 | 1/4 | 126,391 | 1/4 | 115,674 | 1/4 | 104,954 | 1/4 | 94,234 | 1/4 | 83,514 | 1/4 | 72,792 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 147,456 | 1/2 | 136,830 | 1/2 | 126,169 | 1/2 | 115,450 | 1/2 | 104,730 | 1/2 | 94,010 | 1/2 | 83,290 | 1/2 | 72,569 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 147,236 | 3/4 | 136,608 | 3/4 | 125,947 | 3/4 | 115,227 | 3/4 | 104,507 | 3/4 | 93,787 | 3/4 | 83,067 | 3/4 | 72,345 |
| 8 | | 8 | | 8 | 147,016 | 8 | 136,386 | 8 | 125,724 | 8 | 115,004 | 8 | 104,284 | 8 | 93,564 | 8 | 82,844 | 8 | 72,122 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 146,796 | 1/4 | 136,164 | 1/4 | 125,500 | 1/4 | 114,780 | 1/4 | 104,060 | 1/4 | 93,340 | 1/4 | 82,620 | 1/4 | 71,899 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 146,576 | 1/2 | 135,942 | 1/2 | 125,277 | 1/2 | 114,557 | 1/2 | 103,837 | 1/2 | 93,117 | 1/2 | 82,397 | 1/2 | 71,675 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 146,356 | 3/4 | 135,720 | 3/4 | 125,054 | 3/4 | 114,334 | 3/4 | 103,614 | 3/4 | 92,894 | 3/4 | 82,174 | 3/4 | 71,452 |
| 9 | | 9 | | 9 | 146,136 | 9 | 135,497 | 9 | 124,830 | 9 | 114,110 | 9 | 103,390 | 9 | 92,670 | 9 | 81,950 | 9 | 71,228 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 145,916 | 1/4 | 135,275 | 1/4 | 124,607 | 1/4 | 113,887 | 1/4 | 103,167 | 1/4 | 92,447 | 1/4 | 81,727 | 1/4 | 71,005 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 145,696 | 1/2 | 135,053 | 1/2 | 124,384 | 1/2 | 113,664 | 1/2 | 102,944 | 1/2 | 92,224 | 1/2 | 81,503 | 1/2 | 70,782 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 145,476 | 3/4 | 134,831 | 3/4 | 124,160 | 3/4 | 113,440 | 3/4 | 102,720 | 3/4 | 92,000 | 3/4 | 81,280 | 3/4 | 70,558 |
| 10 | | 10 | | 10 | 145,256 | 10 | 134,609 | 10 | 123,937 | 10 | 113,217 | 10 | 102,497 | 10 | 91,777 | 10 | 81,057 | 10 | 70,335 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 145,036 | 1/4 | 134,387 | 1/4 | 123,714 | 1/4 | 112,994 | 1/4 | 102,274 | 1/4 | 91,554 | 1/4 | 80,833 | 1/4 | 70,112 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 144,816 | 1/2 | 134,165 | 1/2 | 123,490 | 1/2 | 112,770 | 1/2 | 102,050 | 1/2 | 91,330 | 1/2 | 80,610 | 1/2 | 69,888 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 144,596 | 3/4 | 133,943 | 3/4 | 123,267 | 3/4 | 112,547 | 3/4 | 101,827 | 3/4 | 91,107 | 3/4 | 80,387 | 3/4 | 69,665 |
| 11 | | 11 | | 11 | 144,376 | 11 | 133,721 | 11 | 123,044 | 11 | 112,324 | 11 | 101,604 | 11 | 90,884 | 11 | 80,163 | 11 | 69,441 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 144,156 | 1/4 | 133,499 | 1/4 | 122,820 | 1/4 | 112,100 | 1/4 | 101,380 | 1/4 | 90,660 | 1/4 | 79,940 | 1/4 | 69,218 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 143,936 | 1/2 | 133,276 | 1/2 | 122,597 | 1/2 | 111,877 | 1/2 | 101,157 | 1/2 | 90,437 | 1/2 | 79,717 | 1/2 | 68,995 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 151,598 | 3/4 | 143,715 | 3/4 | 133,054 | 3/4 | 122,374 | 3/4 | 111,654 | 3/4 | 100,934 | 3/4 | 79,493 | 3/4 | 68,771 |

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 ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1344"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

| 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 | 68,548 | 0 | 57,826 | 0 | 47,104 | 0 | 36,383 | 0 | 25,684 | 0 | 14,965 | 0 | 4,255 | 0 | | 0 | | 0 | |
| 1/4 | 68,325 | 1/4 | 57,603 | 1/4 | 46,881 | 1/4 | 36,159 | 1/4 | 25,461 | 1/4 | 14,742 | 1/4 | 4,035 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 68,101 | 1/2 | 57,379 | 1/2 | 46,658 | 1/2 | 35,936 | 1/2 | 25,238 | 1/2 | 14,519 | 1/2 | 3,814 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 67,878 | 3/4 | 57,156 | 3/4 | 46,434 | 3/4 | 35,713 | 3/4 | 25,015 | 3/4 | 14,295 | 3/4 | 3,593 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 1 | 67,655 | 1 | 56,933 | 1 | 46,211 | 1 | 35,489 | 1 | 24,792 | 1 | 14,072 | 1 | 3,374 | 1 | 1 | 1 | | 1 | 1 |
| 1/4 | 67,431 | 1/4 | 56,709 | 1/4 | 45,988 | 1/4 | 35,266 | 1/4 | 24,569 | 1/4 | 13,849 | 1/4 | 3,155 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 67,208 | 1/2 | 56,486 | 1/2 | 45,764 | 1/2 | 35,042 | 1/2 | 24,346 | 1/2 | 13,625 | 1/2 | 2,936 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 66,984 | 3/4 | 56,263 | 3/4 | 45,541 | 3/4 | 34,819 | 3/4 | 24,123 | 3/4 | 13,402 | 3/4 | 2,717 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 2 | 66,761 | 2 | 56,039 | 2 | 45,318 | 2 | 34,596 | 2 | 23,900 | 2 | 13,179 | 2 | 2,513 | 2 | 2 | 2 | | 2 | 2 |
| 1/4 | 66,538 | 1/4 | 55,816 | 1/4 | 45,094 | 1/4 | 34,372 | 1/4 | 23,676 | 1/4 | 12,955 | 1/4 | 2,309 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 66,314 | 1/2 | 55,593 | 1/2 | 44,871 | 1/2 | 34,149 | 1/2 | 23,453 | 1/2 | 12,732 | 1/2 | 2,105 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 66,091 | 3/4 | 55,369 | 3/4 | 44,647 | 3/4 | 33,926 | 3/4 | 23,230 | 3/4 | 12,508 | 3/4 | 1,901 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 3 | 65,868 | 3 | 55,146 | 3 | 44,424 | 3 | 33,702 | 3 | 23,006 | 3 | 12,285 | 3 | 1,733 | 3 | 3 | 3 | | 3 | 3 |
| 1/4 | 65,644 | 1/4 | 54,922 | 1/4 | 44,201 | 1/4 | 33,479 | 1/4 | 22,783 | 1/4 | 12,062 | 1/4 | 1,566 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 65,421 | 1/2 | 54,699 | 1/2 | 43,977 | 1/2 | 33,256 | 1/2 | 22,560 | 1/2 | 11,838 | 1/2 | 1,398 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 65,197 | 3/4 | 54,476 | 3/4 | 43,754 | 3/4 | 33,032 | 3/4 | 22,336 | 3/4 | 11,615 | 3/4 | 1,230 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 4 | 64,974 | 4 | 54,252 | 4 | 43,531 | 4 | 32,809 | 4 | 22,113 | 4 | 11,392 | 4 | 1,100 | 4 | 4 | 4 | | 4 | 4 |
| 1/4 | 64,751 | 1/4 | 54,029 | 1/4 | 43,307 | 1/4 | 32,587 | 1/4 | 21,890 | 1/4 | 11,168 | 1/4 | 970 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 64,527 | 1/2 | 53,806 | 1/2 | 43,084 | 1/2 | 32,364 | 1/2 | 21,666 | 1/2 | 10,945 | 1/2 | 840 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 64,304 | 3/4 | 53,582 | 3/4 | 42,860 | 3/4 | 32,142 | 3/4 | 21,443 | 3/4 | 10,722 | 3/4 | 709 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 5 | 64,081 | 5 | 53,359 | 5 | 42,637 | 5 | 31,919 | 5 | 21,220 | 5 | 10,498 | 5 | 616 | 5 | 5 | 5 | | 5 | 5 |
| 1/4 | 63,857 | 1/4 | 53,135 | 1/4 | 42,414 | 1/4 | 31,696 | 1/4 | 20,996 | 1/4 | 10,275 | 1/4 | 523 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 63,634 | 1/2 | 52,912 | 1/2 | 42,190 | 1/2 | 31,474 | 1/2 | 20,773 | 1/2 | 10,051 | 1/2 | 430 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 63,410 | 3/4 | 52,689 | 3/4 | 41,967 | 3/4 | 31,251 | 3/4 | 20,549 | 3/4 | 9,828 | 3/4 | 337 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 6 | 63,187 | 6 | 52,465 | 6 | 41,744 | 6 | 31,028 | 6 | 20,326 | 6 | 9,605 | 6 | 281 | 6 | 6 | 6 | | 6 | 6 |
| 1/4 | 62,964 | 1/4 | 52,242 | 1/4 | 41,520 | 1/4 | 30,806 | 1/4 | 20,103 | 1/4 | 9,381 | 1/4 | 225 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 62,740 | 1/2 | 52,019 | 1/2 | 41,297 | 1/2 | 30,583 | 1/2 | 19,879 | 1/2 | 9,158 | 1/2 | 170 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 62,517 | 3/4 | 51,795 | 3/4 | 41,073 | 3/4 | 30,360 | 3/4 | 19,656 | 3/4 | 8,935 | 3/4 | 114 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 7 | 62,294 | 7 | 51,572 | 7 | 40,850 | 7 | 30,138 | 7 | 19,433 | 7 | 8,711 | 7 | 95 | 7 | 7 | 7 | | 7 | 7 |
| 1/4 | 62,070 | 1/4 | 51,348 | 1/4 | 40,627 | 1/4 | 29,915 | 1/4 | 19,209 | 1/4 | 8,488 | 1/4 | 77 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 61,847 | 1/2 | 51,125 | 1/2 | 40,403 | 1/2 | 29,692 | 1/2 | 18,986 | 1/2 | 8,265 | 1/2 | 58 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 61,624 | 3/4 | 50,902 | 3/4 | 40,180 | 3/4 | 29,470 | 3/4 | 18,763 | 3/4 | 8,041 | 3/4 | 39 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 8 | 61,400 | 8 | 50,678 | 8 | 39,957 | 8 | 29,247 | 8 | 18,539 | 8 | 7,818 | 8 | | 8 | 8 | 8 | | 8 | 8 |
| 1/4 | 61,177 | 1/4 | 50,455 | 1/4 | 39,733 | 1/4 | 29,024 | 1/4 | 18,316 | 1/4 | 7,595 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 60,953 | 1/2 | 50,232 | 1/2 | 39,510 | 1/2 | 28,802 | 1/2 | 18,092 | 1/2 | 7,371 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 60,730 | 3/4 | 50,008 | 3/4 | 39,287 | 3/4 | 28,579 | 3/4 | 17,869 | 3/4 | 7,148 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 9 | 60,507 | 9 | 49,785 | 9 | 39,063 | 9 | 28,356 | 9 | 17,646 | 9 | 6,925 | 9 | | 9 | 9 | 9 | | 9 | 9 |
| 1/4 | 60,283 | 1/4 | 49,562 | 1/4 | 38,840 | 1/4 | 28,134 | 1/4 | 17,422 | 1/4 | 6,702 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 60,060 | 1/2 | 49,338 | 1/2 | 38,616 | 1/2 | 27,911 | 1/2 | 17,199 | 1/2 | 6,478 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 59,837 | 3/4 | 49,115 | 3/4 | 38,393 | 3/4 | 27,688 | 3/4 | 16,976 | 3/4 | 6,255 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 10 | 59,613 | 10 | 48,891 | 10 | 38,170 | 10 | 27,466 | 10 | 16,752 | 10 | 6,032 | 10 | | 10 | 10 | 10 | | 10 | 10 |
| 1/4 | 59,390 | 1/4 | 48,668 | 1/4 | 37,946 | 1/4 | 27,243 | 1/4 | 16,529 | 1/4 | 5,810 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 59,166 | 1/2 | 48,445 | 1/2 | 37,723 | 1/2 | 27,021 | 1/2 | 16,306 | 1/2 | 5,587 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 58,943 | 3/4 | 48,221 | 3/4 | 37,500 | 3/4 | 26,798 | 3/4 | 16,082 | 3/4 | 5,364 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 11 | 58,720 | 11 | 47,998 | 11 | 37,276 | 11 | 26,575 | 11 | 15,859 | 11 | 5,142 | 11 | | 11 | 11 | 11 | | 11 | 11 |
| 1/4 | 58,496 | 1/4 | 47,775 | 1/4 | 37,053 | 1/4 | 26,353 | 1/4 | 15,635 | 1/4 | 4,920 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 58,273 | 1/2 | 47,551 | 1/2 | 36,829 | 1/2 | 26,130 | 1/2 | 15,412 | 1/2 | 4,698 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 58,050 | 3/4 | 47,328 | 3/4 | 36,606 | 3/4 | 25,907 | 3/4 | 15,189 | 3/4 | 4,476 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
PRINTED: 02/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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