



BARGE "CBC 1011"

INNAGE TRIM TABLE

| | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | |
|----------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| | <u>BOW</u> | <u>STERN</u> |
| 1 CENTER | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-5/8 | 00-5/8 | - 00-3/4 | 00-3/4 | - 01-0/8 | 01-0/8 | - 01-1/8 | 01-1/8 |
| 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 | 00-7/8 | - 00-7/8 | 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 1 CENTER IS 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 166'-03"

May 26, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1011"

1 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 | 35 | 0 | 8,102 | 0 | 18,912 | 0 | 29,598 | 0 | 40,251 | 0 | 51,031 | 0 | 61,811 | 0 | 72,573 | 0 | 83,291 | 0 | 94,074 |
| 1/4 | 54 | 1/4 | 8,327 | 1/4 | 19,137 | 1/4 | 29,816 | 1/4 | 40,475 | 1/4 | 51,255 | 1/4 | 62,036 | 1/4 | 72,795 | 1/4 | 83,515 | 1/4 | 94,299 |
| 1/2 | 72 | 1/2 | 8,552 | 1/2 | 19,362 | 1/2 | 30,035 | 1/2 | 40,700 | 1/2 | 51,480 | 1/2 | 62,260 | 1/2 | 73,017 | 1/2 | 83,740 | 1/2 | 94,523 |
| 3/4 | 91 | 3/4 | 8,778 | 3/4 | 19,587 | 3/4 | 30,253 | 3/4 | 40,924 | 3/4 | 51,705 | 3/4 | 62,485 | 3/4 | 73,239 | 3/4 | 83,965 | 3/4 | 94,748 |
| 1 | 110 | 1 | 9,003 | 1 | 19,812 | 1 | 30,472 | 1 | 41,149 | 1 | 51,929 | 1 | 62,710 | 1 | 73,461 | 1 | 84,189 | 1 | 94,973 |
| 1/4 | 166 | 1/4 | 9,228 | 1/4 | 20,038 | 1/4 | 30,690 | 1/4 | 41,374 | 1/4 | 52,154 | 1/4 | 62,934 | 1/4 | 73,683 | 1/4 | 84,414 | 1/4 | 95,197 |
| 1/2 | 223 | 1/2 | 9,453 | 1/2 | 20,263 | 1/2 | 30,909 | 1/2 | 41,598 | 1/2 | 52,378 | 1/2 | 63,159 | 1/2 | 73,905 | 1/2 | 84,639 | 1/2 | 95,422 |
| 3/4 | 279 | 3/4 | 9,678 | 3/4 | 20,488 | 3/4 | 31,128 | 3/4 | 41,823 | 3/4 | 52,603 | 3/4 | 63,383 | 3/4 | 74,127 | 3/4 | 84,864 | 3/4 | 95,646 |
| 2 | 335 | 2 | 9,904 | 2 | 20,713 | 2 | 31,346 | 2 | 42,047 | 2 | 52,828 | 2 | 63,608 | 2 | 74,349 | 2 | 85,088 | 2 | 95,871 |
| 1/4 | 429 | 1/4 | 10,129 | 1/4 | 20,938 | 1/4 | 31,565 | 1/4 | 42,272 | 1/4 | 53,052 | 1/4 | 63,832 | 1/4 | 74,572 | 1/4 | 85,313 | 1/4 | 96,095 |
| 1/2 | 523 | 1/2 | 10,354 | 1/2 | 21,163 | 1/2 | 31,783 | 1/2 | 42,496 | 1/2 | 53,277 | 1/2 | 64,057 | 1/2 | 74,794 | 1/2 | 85,538 | 1/2 | 96,320 |
| 3/4 | 617 | 3/4 | 10,579 | 3/4 | 21,389 | 3/4 | 32,002 | 3/4 | 42,721 | 3/4 | 53,501 | 3/4 | 64,282 | 3/4 | 75,016 | 3/4 | 85,762 | 3/4 | 96,545 |
| 3 | 710 | 3 | 10,804 | 3 | 21,614 | 3 | 32,220 | 3 | 42,946 | 3 | 53,726 | 3 | 64,506 | 3 | 75,238 | 3 | 85,987 | 3 | 96,769 |
| 1/4 | 842 | 1/4 | 11,030 | 1/4 | 21,839 | 1/4 | 32,439 | 1/4 | 43,170 | 1/4 | 53,950 | 1/4 | 64,731 | 1/4 | 75,460 | 1/4 | 86,212 | 1/4 | 96,994 |
| 1/2 | 973 | 1/2 | 11,255 | 1/2 | 22,064 | 1/2 | 32,658 | 1/2 | 43,395 | 1/2 | 54,175 | 1/2 | 64,955 | 1/2 | 75,682 | 1/2 | 86,437 | 1/2 | 97,219 |
| 3/4 | 1,105 | 3/4 | 11,480 | 3/4 | 22,289 | 3/4 | 32,876 | 3/4 | 43,619 | 3/4 | 54,400 | 3/4 | 65,180 | 3/4 | 75,904 | 3/4 | 86,661 | 3/4 | 97,444 |
| 4 | 1,236 | 4 | 11,705 | 4 | 22,515 | 4 | 33,095 | 4 | 43,844 | 4 | 54,624 | 4 | 65,405 | 4 | 76,126 | 4 | 86,886 | 4 | 97,668 |
| 1/4 | 1,405 | 1/4 | 11,930 | 1/4 | 22,740 | 1/4 | 33,313 | 1/4 | 44,068 | 1/4 | 54,849 | 1/4 | 65,629 | 1/4 | 76,348 | 1/4 | 87,111 | 1/4 | 97,893 |
| 1/2 | 1,574 | 1/2 | 12,156 | 1/2 | 22,965 | 1/2 | 33,532 | 1/2 | 44,293 | 1/2 | 55,073 | 1/2 | 65,854 | 1/2 | 76,571 | 1/2 | 87,335 | 1/2 | 98,118 |
| 3/4 | 1,743 | 3/4 | 12,381 | 3/4 | 23,190 | 3/4 | 33,750 | 3/4 | 44,518 | 3/4 | 55,298 | 3/4 | 66,078 | 3/4 | 76,793 | 3/4 | 87,560 | 3/4 | 98,342 |
| 5 | 1,911 | 5 | 12,606 | 5 | 23,415 | 5 | 33,969 | 5 | 44,742 | 5 | 55,523 | 5 | 66,303 | 5 | 77,015 | 5 | 87,785 | 5 | 98,567 |
| 1/4 | 2,117 | 1/4 | 12,831 | 1/4 | 23,641 | 1/4 | 34,193 | 1/4 | 44,967 | 1/4 | 55,747 | 1/4 | 66,528 | 1/4 | 77,237 | 1/4 | 88,009 | 1/4 | 98,792 |
| 1/2 | 2,323 | 1/2 | 13,056 | 1/2 | 23,866 | 1/2 | 34,417 | 1/2 | 45,191 | 1/2 | 55,972 | 1/2 | 66,752 | 1/2 | 77,459 | 1/2 | 88,234 | 1/2 | 99,016 |
| 3/4 | 2,529 | 3/4 | 13,282 | 3/4 | 24,091 | 3/4 | 34,641 | 3/4 | 45,416 | 3/4 | 56,196 | 3/4 | 66,977 | 3/4 | 77,681 | 3/4 | 88,459 | 3/4 | 99,241 |
| 6 | 2,735 | 6 | 13,507 | 6 | 24,316 | 6 | 34,865 | 6 | 45,641 | 6 | 56,421 | 6 | 67,201 | 6 | 77,903 | 6 | 88,684 | 6 | 99,466 |
| 1/4 | 2,956 | 1/4 | 13,732 | 1/4 | 24,541 | 1/4 | 35,089 | 1/4 | 45,865 | 1/4 | 56,646 | 1/4 | 67,426 | 1/4 | 78,126 | 1/4 | 88,908 | 1/4 | 99,690 |
| 1/2 | 3,176 | 1/2 | 13,957 | 1/2 | 24,767 | 1/2 | 35,312 | 1/2 | 46,090 | 1/2 | 56,870 | 1/2 | 67,651 | 1/2 | 78,350 | 1/2 | 89,133 | 1/2 | 99,915 |
| 3/4 | 3,397 | 3/4 | 14,182 | 3/4 | 24,992 | 3/4 | 35,536 | 3/4 | 46,314 | 3/4 | 57,095 | 3/4 | 67,875 | 3/4 | 78,573 | 3/4 | 89,358 | 3/4 | 100,140 |
| 7 | 3,618 | 7 | 14,408 | 7 | 25,217 | 7 | 35,760 | 7 | 46,539 | 7 | 57,319 | 7 | 68,100 | 7 | 78,796 | 7 | 89,582 | 7 | 100,364 |
| 1/4 | 3,840 | 1/4 | 14,633 | 1/4 | 25,436 | 1/4 | 35,985 | 1/4 | 46,764 | 1/4 | 57,544 | 1/4 | 68,324 | 1/4 | 79,021 | 1/4 | 89,807 | 1/4 | 100,589 |
| 1/2 | 4,063 | 1/2 | 14,858 | 1/2 | 25,655 | 1/2 | 36,209 | 1/2 | 46,988 | 1/2 | 57,769 | 1/2 | 68,549 | 1/2 | 79,246 | 1/2 | 90,032 | 1/2 | 100,814 |
| 3/4 | 4,286 | 3/4 | 15,083 | 3/4 | 25,874 | 3/4 | 36,433 | 3/4 | 47,213 | 3/4 | 57,993 | 3/4 | 68,773 | 3/4 | 79,470 | 3/4 | 90,257 | 3/4 | 101,038 |
| 8 | 4,508 | 8 | 15,308 | 8 | 26,094 | 8 | 36,658 | 8 | 47,437 | 8 | 58,218 | 8 | 68,998 | 8 | 79,695 | 8 | 90,481 | 8 | 101,263 |
| 1/4 | 4,732 | 1/4 | 15,534 | 1/4 | 26,313 | 1/4 | 36,882 | 1/4 | 47,662 | 1/4 | 58,442 | 1/4 | 69,222 | 1/4 | 79,920 | 1/4 | 90,706 | 1/4 | 101,488 |
| 1/2 | 4,956 | 1/2 | 15,759 | 1/2 | 26,532 | 1/2 | 37,107 | 1/2 | 47,887 | 1/2 | 58,667 | 1/2 | 69,446 | 1/2 | 80,145 | 1/2 | 90,930 | 1/2 | 101,712 |
| 3/4 | 5,180 | 3/4 | 15,984 | 3/4 | 26,751 | 3/4 | 37,331 | 3/4 | 48,111 | 3/4 | 58,891 | 3/4 | 69,670 | 3/4 | 80,369 | 3/4 | 91,155 | 3/4 | 101,937 |
| 9 | 5,403 | 9 | 16,209 | 9 | 26,970 | 9 | 37,556 | 9 | 48,336 | 9 | 59,116 | 9 | 69,894 | 9 | 80,594 | 9 | 91,380 | 9 | 102,162 |
| 1/4 | 5,628 | 1/4 | 16,434 | 1/4 | 27,189 | 1/4 | 37,780 | 1/4 | 48,560 | 1/4 | 59,341 | 1/4 | 70,118 | 1/4 | 80,819 | 1/4 | 91,604 | 1/4 | 102,386 |
| 1/2 | 5,852 | 1/2 | 16,660 | 1/2 | 27,408 | 1/2 | 38,005 | 1/2 | 48,785 | 1/2 | 59,565 | 1/2 | 70,342 | 1/2 | 81,043 | 1/2 | 91,829 | 1/2 | 102,611 |
| 3/4 | 6,077 | 3/4 | 16,885 | 3/4 | 27,627 | 3/4 | 38,230 | 3/4 | 49,009 | 3/4 | 59,790 | 3/4 | 70,566 | 3/4 | 81,268 | 3/4 | 92,053 | 3/4 | 102,836 |
| 10 | 6,301 | 10 | 17,110 | 10 | 27,846 | 10 | 38,454 | 10 | 49,234 | 10 | 60,014 | 10 | 70,790 | 10 | 81,493 | 10 | 92,278 | 10 | 103,060 |
| 1/4 | 6,526 | 1/4 | 17,335 | 1/4 | 28,065 | 1/4 | 38,679 | 1/4 | 49,459 | 1/4 | 60,239 | 1/4 | 71,014 | 1/4 | 81,718 | 1/4 | 92,502 | 1/4 | 103,285 |
| 1/2 | 6,751 | 1/2 | 17,560 | 1/2 | 28,284 | 1/2 | 38,903 | 1/2 | 49,683 | 1/2 | 60,464 | 1/2 | 71,237 | 1/2 | 81,942 | 1/2 | 92,727 | 1/2 | 103,510 |
| 3/4 | 6,976 | 3/4 | 17,786 | 3/4 | 28,503 | 3/4 | 39,128 | 3/4 | 49,908 | 3/4 | 60,688 | 3/4 | 71,461 | 3/4 | 82,167 | 3/4 | 92,951 | 3/4 | 103,734 |
| 11 | 7,201 | 11 | 18,011 | 11 | 28,722 | 11 | 39,352 | 11 | 50,132 | 11 | 60,913 | 11 | 71,684 | 11 | 82,392 | 11 | 93,176 | 11 | 103,959 |
| 1/4 | 7,427 | 1/4 | 18,236 | 1/4 | 28,941 | 1/4 | 39,577 | 1/4 | 50,357 | 1/4 | 61,137 | 1/4 | 71,906 | 1/4 | 82,616 | 1/4 | 93,401 | 1/4 | 104,184 |
| 1/2 | 7,652 | 1/2 | 18,461 | 1/2 | 29,160 | 1/2 | 39,802 | 1/2 | 50,582 | 1/2 | 61,362 | 1/2 | 72,128 | 1/2 | 82,841 | 1/2 | 93,625 | 1/2 | 104,408 |
| 3/4 | 7,877 | 3/4 | 18,686 | 3/4 | 29,379 | 3/4 | 40,026 | 3/4 | 50,806 | 3/4 | 61,587 | 3/4 | 72,351 | 3/4 | 83,066 | 3/4 | 93,850 | 3/4 | 104,633 |

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.
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BARGE "CBC 1011"

1 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 | 104,858 | 0 | 114,974 | 0 | 124,456 | 0 | 133,938 | 0 | 143,420 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 105,082 | 1/4 | 115,172 | 1/4 | 124,654 | 1/4 | 134,135 | 1/4 | 143,617 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 105,307 | 1/2 | 115,369 | 1/2 | 124,851 | 1/2 | 134,333 | 1/2 | 143,815 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 105,532 | 3/4 | 115,567 | 3/4 | 125,049 | 3/4 | 134,531 | 3/4 | 144,012 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 105,756 | 1 | 115,765 | 1 | 125,246 | 1 | 134,728 | 1 | 144,210 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 105,981 | 1/4 | 115,962 | 1/4 | 125,444 | 1/4 | 134,926 | 1/4 | 144,407 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 106,206 | 1/2 | 116,160 | 1/2 | 125,641 | 1/2 | 135,123 | 1/2 | 144,605 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 106,430 | 3/4 | 116,357 | 3/4 | 125,839 | 3/4 | 135,321 | 3/4 | 144,802 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 106,655 | 2 | 116,555 | 2 | 126,036 | 2 | 135,518 | 2 | 145,000 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 106,880 | 1/4 | 116,752 | 1/4 | 126,234 | 1/4 | 135,716 | 1/4 | 145,179 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 107,104 | 1/2 | 116,950 | 1/2 | 126,432 | 1/2 | 135,913 | 1/2 | 145,358 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 107,329 | 3/4 | 117,147 | 3/4 | 126,629 | 3/4 | 136,111 | 3/4 | 145,536 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 107,554 | 3 | 117,345 | 3 | 126,827 | 3 | 136,308 | 3 | 145,715 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 107,779 | 1/4 | 117,542 | 1/4 | 127,024 | 1/4 | 136,506 | 1/4 | 145,884 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 108,003 | 1/2 | 117,740 | 1/2 | 127,222 | 1/2 | 136,703 | 1/2 | 146,053 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 108,228 | 3/4 | 117,937 | 3/4 | 127,419 | 3/4 | 136,901 | 3/4 | 146,222 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 108,453 | 4 | 118,135 | 4 | 127,617 | 4 | 137,099 | 4 | 146,391 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 108,677 | 1/4 | 118,333 | 1/4 | 127,814 | 1/4 | 137,296 | 1/4 | 146,522 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 108,901 | 1/2 | 118,530 | 1/2 | 128,012 | 1/2 | 137,494 | 1/2 | 146,653 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 109,125 | 3/4 | 118,728 | 3/4 | 128,209 | 3/4 | 137,691 | 3/4 | 146,785 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 109,349 | 5 | 118,925 | 5 | 128,407 | 5 | 137,889 | 5 | 146,916 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 109,573 | 1/4 | 119,123 | 1/4 | 128,604 | 1/4 | 138,086 | 1/4 | 147,010 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 109,798 | 1/2 | 119,320 | 1/2 | 128,802 | 1/2 | 138,284 | 1/2 | 147,104 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 110,022 | 3/4 | 119,518 | 3/4 | 129,000 | 3/4 | 138,481 | 3/4 | 147,198 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 110,246 | 6 | 119,715 | 6 | 129,197 | 6 | 138,679 | 6 | 147,291 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 110,443 | 1/4 | 119,913 | 1/4 | 129,395 | 1/4 | 138,876 | 1/4 | 147,348 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 110,640 | 1/2 | 120,110 | 1/2 | 129,592 | 1/2 | 139,074 | 1/2 | 147,404 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 110,837 | 3/4 | 120,308 | 3/4 | 129,790 | 3/4 | 139,271 | 3/4 | 147,460 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 111,034 | 7 | 120,505 | 7 | 129,987 | 7 | 139,469 | 7 | 147,517 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 111,231 | 1/4 | 120,703 | 1/4 | 130,185 | 1/4 | 139,666 | 1/4 | 147,535 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 111,428 | 1/2 | 120,901 | 1/2 | 130,382 | 1/2 | 139,864 | 1/2 | 147,554 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 111,625 | 3/4 | 121,098 | 3/4 | 130,580 | 3/4 | 140,062 | 3/4 | 147,573 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 111,822 | 8 | 121,296 | 8 | 130,777 | 8 | 140,259 | 8 | 147,592 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 112,019 | 1/4 | 121,493 | 1/4 | 130,975 | 1/4 | 140,457 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 112,216 | 1/2 | 121,691 | 1/2 | 131,172 | 1/2 | 140,654 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 112,413 | 3/4 | 121,888 | 3/4 | 131,370 | 3/4 | 140,852 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 112,610 | 9 | 122,086 | 9 | 131,567 | 9 | 141,049 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 112,807 | 1/4 | 122,283 | 1/4 | 131,765 | 1/4 | 141,247 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 113,004 | 1/2 | 122,481 | 1/2 | 131,963 | 1/2 | 141,444 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 113,201 | 3/4 | 122,678 | 3/4 | 132,160 | 3/4 | 141,642 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 113,398 | 10 | 122,876 | 10 | 132,358 | 10 | 141,839 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 113,595 | 1/4 | 123,073 | 1/4 | 132,555 | 1/4 | 142,037 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 113,792 | 1/2 | 123,271 | 1/2 | 132,753 | 1/2 | 142,234 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 113,989 | 3/4 | 123,468 | 3/4 | 132,950 | 3/4 | 142,432 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 114,186 | 11 | 123,666 | 11 | 133,148 | 11 | 142,630 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 114,383 | 1/4 | 123,864 | 1/4 | 133,345 | 1/4 | 142,827 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 114,580 | 1/2 | 124,061 | 1/2 | 133,543 | 1/2 | 143,025 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 114,777 | 3/4 | 124,259 | 3/4 | 133,740 | 3/4 | 143,222 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
PRINTED: 05/27/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020



BARGE "CBC 1011"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

| 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 | 35 | 0 | 9,064 | 0 | 21,162 | 0 | 33,114 | 0 | 45,063 | 0 | 57,162 | 0 | 69,260 | 0 | 81,359 | 0 | 93,457 | 0 | 105,556 |
| 1/4 | 56 | 1/4 | 9,316 | 1/4 | 21,415 | 1/4 | 33,359 | 1/4 | 45,315 | 1/4 | 57,414 | 1/4 | 69,512 | 1/4 | 81,611 | 1/4 | 93,709 | 1/4 | 105,808 |
| 1/2 | 77 | 1/2 | 9,568 | 1/2 | 21,667 | 1/2 | 33,603 | 1/2 | 45,567 | 1/2 | 57,666 | 1/2 | 69,764 | 1/2 | 81,863 | 1/2 | 93,961 | 1/2 | 106,060 |
| 3/4 | 98 | 3/4 | 9,821 | 3/4 | 21,919 | 3/4 | 33,848 | 3/4 | 45,819 | 3/4 | 57,918 | 3/4 | 70,016 | 3/4 | 82,115 | 3/4 | 94,213 | 3/4 | 106,312 |
| 1 | 119 | 1 | 10,073 | 1 | 22,171 | 1 | 34,093 | 1 | 46,071 | 1 | 58,170 | 1 | 70,268 | 1 | 82,367 | 1 | 94,465 | 1 | 106,564 |
| 1/4 | 182 | 1/4 | 10,325 | 1/4 | 22,423 | 1/4 | 34,337 | 1/4 | 46,323 | 1/4 | 58,422 | 1/4 | 70,520 | 1/4 | 82,619 | 1/4 | 94,717 | 1/4 | 106,816 |
| 1/2 | 245 | 1/2 | 10,577 | 1/2 | 22,675 | 1/2 | 34,582 | 1/2 | 46,575 | 1/2 | 58,674 | 1/2 | 70,772 | 1/2 | 82,871 | 1/2 | 94,969 | 1/2 | 107,068 |
| 3/4 | 308 | 3/4 | 10,829 | 3/4 | 22,927 | 3/4 | 34,826 | 3/4 | 46,827 | 3/4 | 58,926 | 3/4 | 71,024 | 3/4 | 83,123 | 3/4 | 95,221 | 3/4 | 107,320 |
| 2 | 371 | 2 | 11,081 | 2 | 23,179 | 2 | 35,071 | 2 | 47,079 | 2 | 59,178 | 2 | 71,276 | 2 | 83,375 | 2 | 95,474 | 2 | 107,572 |
| 1/4 | 476 | 1/4 | 11,333 | 1/4 | 23,431 | 1/4 | 35,315 | 1/4 | 47,331 | 1/4 | 59,430 | 1/4 | 71,529 | 1/4 | 83,627 | 1/4 | 95,726 | 1/4 | 107,824 |
| 1/2 | 581 | 1/2 | 11,585 | 1/2 | 23,683 | 1/2 | 35,560 | 1/2 | 47,584 | 1/2 | 59,682 | 1/2 | 71,781 | 1/2 | 83,879 | 1/2 | 95,978 | 1/2 | 108,076 |
| 3/4 | 686 | 3/4 | 11,837 | 3/4 | 23,935 | 3/4 | 35,804 | 3/4 | 47,836 | 3/4 | 59,934 | 3/4 | 72,033 | 3/4 | 84,131 | 3/4 | 96,230 | 3/4 | 108,328 |
| 3 | 791 | 3 | 12,089 | 3 | 24,187 | 3 | 36,049 | 3 | 48,088 | 3 | 60,186 | 3 | 72,285 | 3 | 84,383 | 3 | 96,482 | 3 | 108,580 |
| 1/4 | 938 | 1/4 | 12,341 | 1/4 | 24,439 | 1/4 | 36,294 | 1/4 | 48,340 | 1/4 | 60,438 | 1/4 | 72,537 | 1/4 | 84,635 | 1/4 | 96,734 | 1/4 | 108,832 |
| 1/2 | 1,085 | 1/2 | 12,593 | 1/2 | 24,691 | 1/2 | 36,538 | 1/2 | 48,592 | 1/2 | 60,690 | 1/2 | 72,789 | 1/2 | 84,887 | 1/2 | 96,986 | 1/2 | 109,084 |
| 3/4 | 1,232 | 3/4 | 12,845 | 3/4 | 24,943 | 3/4 | 36,783 | 3/4 | 48,844 | 3/4 | 60,942 | 3/4 | 73,041 | 3/4 | 85,139 | 3/4 | 97,238 | 3/4 | 109,336 |
| 4 | 1,379 | 4 | 13,097 | 4 | 25,195 | 4 | 37,027 | 4 | 49,096 | 4 | 61,194 | 4 | 73,293 | 4 | 85,391 | 4 | 97,490 | 4 | 109,588 |
| 1/4 | 1,568 | 1/4 | 13,349 | 1/4 | 25,447 | 1/4 | 37,272 | 1/4 | 49,348 | 1/4 | 61,446 | 1/4 | 73,545 | 1/4 | 85,643 | 1/4 | 97,742 | 1/4 | 109,841 |
| 1/2 | 1,757 | 1/2 | 13,601 | 1/2 | 25,699 | 1/2 | 37,516 | 1/2 | 49,600 | 1/2 | 61,698 | 1/2 | 73,797 | 1/2 | 85,896 | 1/2 | 97,994 | 1/2 | 110,093 |
| 3/4 | 1,946 | 3/4 | 13,853 | 3/4 | 25,951 | 3/4 | 37,761 | 3/4 | 49,852 | 3/4 | 61,951 | 3/4 | 74,049 | 3/4 | 86,148 | 3/4 | 98,246 | 3/4 | 110,345 |
| 5 | 2,135 | 5 | 14,105 | 5 | 26,203 | 5 | 38,006 | 5 | 50,104 | 5 | 62,203 | 5 | 74,301 | 5 | 86,400 | 5 | 98,498 | 5 | 110,597 |
| 1/4 | 2,366 | 1/4 | 14,357 | 1/4 | 26,455 | 1/4 | 38,258 | 1/4 | 50,356 | 1/4 | 62,455 | 1/4 | 74,553 | 1/4 | 86,652 | 1/4 | 98,750 | 1/4 | 110,849 |
| 1/2 | 2,596 | 1/2 | 14,609 | 1/2 | 26,707 | 1/2 | 38,510 | 1/2 | 50,608 | 1/2 | 62,707 | 1/2 | 74,805 | 1/2 | 86,904 | 1/2 | 99,002 | 1/2 | 111,101 |
| 3/4 | 2,826 | 3/4 | 14,861 | 3/4 | 26,959 | 3/4 | 38,762 | 3/4 | 50,860 | 3/4 | 62,959 | 3/4 | 75,057 | 3/4 | 87,156 | 3/4 | 99,254 | 3/4 | 111,353 |
| 6 | 3,057 | 6 | 15,113 | 6 | 27,212 | 6 | 39,014 | 6 | 51,112 | 6 | 63,211 | 6 | 75,309 | 6 | 87,408 | 6 | 99,506 | 6 | 111,605 |
| 1/4 | 3,304 | 1/4 | 15,365 | 1/4 | 27,464 | 1/4 | 39,266 | 1/4 | 51,364 | 1/4 | 63,463 | 1/4 | 75,561 | 1/4 | 87,660 | 1/4 | 99,758 | 1/4 | 111,857 |
| 1/2 | 3,551 | 1/2 | 15,618 | 1/2 | 27,716 | 1/2 | 39,518 | 1/2 | 51,616 | 1/2 | 63,715 | 1/2 | 75,813 | 1/2 | 87,912 | 1/2 | 100,010 | 1/2 | 112,109 |
| 3/4 | 3,798 | 3/4 | 15,870 | 3/4 | 27,968 | 3/4 | 39,770 | 3/4 | 51,868 | 3/4 | 63,967 | 3/4 | 76,065 | 3/4 | 88,164 | 3/4 | 100,263 | 3/4 | 112,361 |
| 7 | 4,045 | 7 | 16,122 | 7 | 28,220 | 7 | 40,022 | 7 | 52,120 | 7 | 64,219 | 7 | 76,318 | 7 | 88,416 | 7 | 100,515 | 7 | 112,613 |
| 1/4 | 4,294 | 1/4 | 16,374 | 1/4 | 28,465 | 1/4 | 40,274 | 1/4 | 52,373 | 1/4 | 64,471 | 1/4 | 76,570 | 1/4 | 88,668 | 1/4 | 100,767 | 1/4 | 112,865 |
| 1/2 | 4,543 | 1/2 | 16,626 | 1/2 | 28,710 | 1/2 | 40,526 | 1/2 | 52,625 | 1/2 | 64,723 | 1/2 | 76,822 | 1/2 | 88,920 | 1/2 | 101,019 | 1/2 | 113,117 |
| 3/4 | 4,792 | 3/4 | 16,878 | 3/4 | 28,955 | 3/4 | 40,778 | 3/4 | 52,877 | 3/4 | 64,975 | 3/4 | 77,074 | 3/4 | 89,172 | 3/4 | 101,271 | 3/4 | 113,369 |
| 8 | 5,042 | 8 | 17,130 | 8 | 29,200 | 8 | 41,030 | 8 | 53,129 | 8 | 65,227 | 8 | 77,326 | 8 | 89,424 | 8 | 101,523 | 8 | 113,621 |
| 1/4 | 5,292 | 1/4 | 17,382 | 1/4 | 29,445 | 1/4 | 41,282 | 1/4 | 53,381 | 1/4 | 65,479 | 1/4 | 77,578 | 1/4 | 89,676 | 1/4 | 101,775 | 1/4 | 113,873 |
| 1/2 | 5,543 | 1/2 | 17,634 | 1/2 | 29,690 | 1/2 | 41,534 | 1/2 | 53,633 | 1/2 | 65,731 | 1/2 | 77,830 | 1/2 | 89,928 | 1/2 | 102,027 | 1/2 | 114,125 |
| 3/4 | 5,793 | 3/4 | 17,886 | 3/4 | 29,935 | 3/4 | 41,786 | 3/4 | 53,885 | 3/4 | 65,983 | 3/4 | 78,082 | 3/4 | 90,180 | 3/4 | 102,279 | 3/4 | 114,377 |
| 9 | 6,044 | 9 | 18,138 | 9 | 30,179 | 9 | 42,038 | 9 | 54,137 | 9 | 66,235 | 9 | 78,334 | 9 | 90,432 | 9 | 102,531 | 9 | 114,630 |
| 1/4 | 6,295 | 1/4 | 18,390 | 1/4 | 30,424 | 1/4 | 42,290 | 1/4 | 54,389 | 1/4 | 66,487 | 1/4 | 78,586 | 1/4 | 90,685 | 1/4 | 102,783 | 1/4 | 114,882 |
| 1/2 | 6,546 | 1/2 | 18,642 | 1/2 | 30,669 | 1/2 | 42,542 | 1/2 | 54,641 | 1/2 | 66,740 | 1/2 | 78,838 | 1/2 | 90,937 | 1/2 | 103,035 | 1/2 | 115,134 |
| 3/4 | 6,798 | 3/4 | 18,894 | 3/4 | 30,913 | 3/4 | 42,795 | 3/4 | 54,893 | 3/4 | 66,992 | 3/4 | 79,090 | 3/4 | 91,189 | 3/4 | 103,287 | 3/4 | 115,386 |
| 10 | 7,049 | 10 | 19,146 | 10 | 31,158 | 10 | 43,047 | 10 | 55,145 | 10 | 67,244 | 10 | 79,342 | 10 | 91,441 | 10 | 103,539 | 10 | 115,638 |
| 1/4 | 7,301 | 1/4 | 19,398 | 1/4 | 31,402 | 1/4 | 43,299 | 1/4 | 55,397 | 1/4 | 67,496 | 1/4 | 79,594 | 1/4 | 91,693 | 1/4 | 103,791 | 1/4 | 115,890 |
| 1/2 | 7,553 | 1/2 | 19,650 | 1/2 | 31,647 | 1/2 | 43,551 | 1/2 | 55,649 | 1/2 | 67,748 | 1/2 | 79,846 | 1/2 | 91,945 | 1/2 | 104,043 | 1/2 | 116,142 |
| 3/4 | 7,804 | 3/4 | 19,902 | 3/4 | 31,891 | 3/4 | 43,803 | 3/4 | 55,901 | 3/4 | 68,000 | 3/4 | 80,098 | 3/4 | 92,197 | 3/4 | 104,295 | 3/4 | 116,394 |
| 11 | 8,056 | 11 | 20,154 | 11 | 32,136 | 11 | 44,055 | 11 | 56,153 | 11 | 68,252 | 11 | 80,350 | 11 | 92,449 | 11 | 104,547 | 11 | 116,646 |
| 1/4 | 8,308 | 1/4 | 20,406 | 1/4 | 32,381 | 1/4 | 44,307 | 1/4 | 56,405 | 1/4 | 68,504 | 1/4 | 80,602 | 1/4 | 92,701 | 1/4 | 104,799 | 1/4 | 116,898 |
| 1/2 | 8,560 | 1/2 | 20,658 | 1/2 | 32,625 | 1/2 | 44,559 | 1/2 | 56,657 | 1/2 | 68,756 | 1/2 | 80,854 | 1/2 | 92,953 | 1/2 | 105,052 | 1/2 | 117,150 |
| 3/4 | 8,812 | 3/4 | 20,910 | 3/4 | 32,870 | 3/4 | 44,811 | 3/4 | 56,909 | 3/4 | 69,008 | 3/4 | 81,107 | 3/4 | 93,205 | 3/4 | 105,304 | 3/4 | 117,402 |

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 1011"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

| 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 | 117,654 | 0 | 129,753 | 0 | 141,851 | 0 | 153,950 | 0 | 166,048 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 117,906 | 1/4 | 130,005 | 1/4 | 142,103 | 1/4 | 154,202 | 1/4 | 166,300 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 118,158 | 1/2 | 130,257 | 1/2 | 142,355 | 1/2 | 154,454 | 1/2 | 166,552 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 118,410 | 3/4 | 130,509 | 3/4 | 142,607 | 3/4 | 154,706 | 3/4 | 166,804 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 118,662 | 1 | 130,761 | 1 | 142,859 | 1 | 154,958 | 1 | 167,056 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 118,914 | 1/4 | 131,013 | 1/4 | 143,111 | 1/4 | 155,210 | 1/4 | 167,309 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 119,166 | 1/2 | 131,265 | 1/2 | 143,364 | 1/2 | 155,462 | 1/2 | 167,561 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 119,419 | 3/4 | 131,517 | 3/4 | 143,616 | 3/4 | 155,714 | 3/4 | 167,813 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 119,671 | 2 | 131,769 | 2 | 143,868 | 2 | 155,966 | 2 | 168,065 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 119,923 | 1/4 | 132,021 | 1/4 | 144,120 | 1/4 | 156,218 | 1/4 | 168,296 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 120,175 | 1/2 | 132,273 | 1/2 | 144,372 | 1/2 | 156,470 | 1/2 | 168,527 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 120,427 | 3/4 | 132,525 | 3/4 | 144,624 | 3/4 | 156,722 | 3/4 | 168,758 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 120,679 | 3 | 132,777 | 3 | 144,876 | 3 | 156,974 | 3 | 168,989 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 120,931 | 1/4 | 133,029 | 1/4 | 145,128 | 1/4 | 157,226 | 1/4 | 169,178 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 121,183 | 1/2 | 133,281 | 1/2 | 145,380 | 1/2 | 157,478 | 1/2 | 169,367 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 121,435 | 3/4 | 133,533 | 3/4 | 145,632 | 3/4 | 157,731 | 3/4 | 169,556 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 121,687 | 4 | 133,786 | 4 | 145,884 | 4 | 157,983 | 4 | 169,745 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 121,939 | 1/4 | 134,038 | 1/4 | 146,136 | 1/4 | 158,235 | 1/4 | 169,892 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 122,191 | 1/2 | 134,290 | 1/2 | 146,388 | 1/2 | 158,487 | 1/2 | 170,039 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 122,443 | 3/4 | 134,542 | 3/4 | 146,640 | 3/4 | 158,739 | 3/4 | 170,186 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 122,695 | 5 | 134,794 | 5 | 146,892 | 5 | 158,991 | 5 | 170,333 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 122,947 | 1/4 | 135,046 | 1/4 | 147,144 | 1/4 | 159,243 | 1/4 | 170,438 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 123,199 | 1/2 | 135,298 | 1/2 | 147,396 | 1/2 | 159,495 | 1/2 | 170,543 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 123,451 | 3/4 | 135,550 | 3/4 | 147,648 | 3/4 | 159,747 | 3/4 | 170,648 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 123,703 | 6 | 135,802 | 6 | 147,900 | 6 | 159,999 | 6 | 170,753 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 123,955 | 1/4 | 136,054 | 1/4 | 148,153 | 1/4 | 160,251 | 1/4 | 170,816 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 124,208 | 1/2 | 136,306 | 1/2 | 148,405 | 1/2 | 160,503 | 1/2 | 170,879 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 124,460 | 3/4 | 136,558 | 3/4 | 148,657 | 3/4 | 160,755 | 3/4 | 170,942 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 124,712 | 7 | 136,810 | 7 | 148,909 | 7 | 161,007 | 7 | 171,005 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 124,964 | 1/4 | 137,062 | 1/4 | 149,161 | 1/4 | 161,259 | 1/4 | 171,026 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 125,216 | 1/2 | 137,314 | 1/2 | 149,413 | 1/2 | 161,511 | 1/2 | 171,047 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 125,468 | 3/4 | 137,566 | 3/4 | 149,665 | 3/4 | 161,763 | 3/4 | 171,068 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 125,720 | 8 | 137,818 | 8 | 149,917 | 8 | 162,015 | 8 | 171,089 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 125,972 | 1/4 | 138,070 | 1/4 | 150,169 | 1/4 | 162,267 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 126,224 | 1/2 | 138,322 | 1/2 | 150,421 | 1/2 | 162,520 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 126,476 | 3/4 | 138,575 | 3/4 | 150,673 | 3/4 | 162,772 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 126,728 | 9 | 138,827 | 9 | 150,925 | 9 | 163,024 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 126,980 | 1/4 | 139,079 | 1/4 | 151,177 | 1/4 | 163,276 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 127,232 | 1/2 | 139,331 | 1/2 | 151,429 | 1/2 | 163,528 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 127,484 | 3/4 | 139,583 | 3/4 | 151,681 | 3/4 | 163,780 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 127,736 | 10 | 139,835 | 10 | 151,933 | 10 | 164,032 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 127,988 | 1/4 | 140,087 | 1/4 | 152,185 | 1/4 | 164,284 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 128,240 | 1/2 | 140,339 | 1/2 | 152,437 | 1/2 | 164,536 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 128,492 | 3/4 | 140,591 | 3/4 | 152,689 | 3/4 | 164,788 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 128,744 | 11 | 140,843 | 11 | 152,942 | 11 | 165,040 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 128,997 | 1/4 | 141,095 | 1/4 | 153,194 | 1/4 | 165,292 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 129,249 | 1/2 | 141,347 | 1/2 | 153,446 | 1/2 | 165,544 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 129,501 | 3/4 | 141,599 | 3/4 | 153,698 | 3/4 | 165,796 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
PRINTED: 05/27/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020



BARGE "CBC 1011"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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 | 35 | 0 | 8,037 | 0 | 18,758 | 0 | 29,464 | 0 | 40,168 | 0 | 50,889 | 0 | 61,611 | 0 | 72,333 | 0 | 83,055 | 0 | 93,776 |
| 1/4 | 54 | 1/4 | 8,260 | 1/4 | 18,981 | 1/4 | 29,687 | 1/4 | 40,391 | 1/4 | 51,113 | 1/4 | 61,835 | 1/4 | 72,556 | 1/4 | 83,278 | 1/4 | 94,000 |
| 1/2 | 72 | 1/2 | 8,483 | 1/2 | 19,205 | 1/2 | 29,909 | 1/2 | 40,615 | 1/2 | 51,336 | 1/2 | 62,058 | 1/2 | 72,780 | 1/2 | 83,501 | 1/2 | 94,223 |
| 3/4 | 91 | 3/4 | 8,707 | 3/4 | 19,428 | 3/4 | 30,132 | 3/4 | 40,838 | 3/4 | 51,560 | 3/4 | 62,281 | 3/4 | 73,003 | 3/4 | 83,725 | 3/4 | 94,446 |
| 1 | 109 | 1 | 8,930 | 1 | 19,651 | 1 | 30,354 | 1 | 41,061 | 1 | 51,783 | 1 | 62,505 | 1 | 73,226 | 1 | 83,948 | 1 | 94,670 |
| 1/4 | 165 | 1/4 | 9,154 | 1/4 | 19,875 | 1/4 | 30,577 | 1/4 | 41,285 | 1/4 | 52,006 | 1/4 | 62,728 | 1/4 | 73,450 | 1/4 | 84,171 | 1/4 | 94,893 |
| 1/2 | 221 | 1/2 | 9,377 | 1/2 | 20,098 | 1/2 | 30,799 | 1/2 | 41,508 | 1/2 | 52,230 | 1/2 | 62,951 | 1/2 | 73,673 | 1/2 | 84,395 | 1/2 | 95,117 |
| 3/4 | 277 | 3/4 | 9,600 | 3/4 | 20,322 | 3/4 | 31,022 | 3/4 | 41,731 | 3/4 | 52,453 | 3/4 | 63,175 | 3/4 | 73,896 | 3/4 | 84,618 | 3/4 | 95,340 |
| 2 | 333 | 2 | 9,824 | 2 | 20,545 | 2 | 31,244 | 2 | 41,955 | 2 | 52,676 | 2 | 63,398 | 2 | 74,120 | 2 | 84,842 | 2 | 95,563 |
| 1/4 | 426 | 1/4 | 10,047 | 1/4 | 20,768 | 1/4 | 31,466 | 1/4 | 42,178 | 1/4 | 52,900 | 1/4 | 63,622 | 1/4 | 74,343 | 1/4 | 85,065 | 1/4 | 95,787 |
| 1/2 | 519 | 1/2 | 10,270 | 1/2 | 20,992 | 1/2 | 31,689 | 1/2 | 42,401 | 1/2 | 53,123 | 1/2 | 63,845 | 1/2 | 74,567 | 1/2 | 85,288 | 1/2 | 96,010 |
| 3/4 | 612 | 3/4 | 10,494 | 3/4 | 21,215 | 3/4 | 31,911 | 3/4 | 42,625 | 3/4 | 53,347 | 3/4 | 64,068 | 3/4 | 74,790 | 3/4 | 85,512 | 3/4 | 96,233 |
| 3 | 705 | 3 | 10,717 | 3 | 21,438 | 3 | 32,134 | 3 | 42,848 | 3 | 53,570 | 3 | 64,292 | 3 | 75,013 | 3 | 85,735 | 3 | 96,457 |
| 1/4 | 835 | 1/4 | 10,940 | 1/4 | 21,662 | 1/4 | 32,356 | 1/4 | 43,072 | 1/4 | 53,793 | 1/4 | 64,515 | 1/4 | 75,237 | 1/4 | 85,958 | 1/4 | 96,680 |
| 1/2 | 965 | 1/2 | 11,164 | 1/2 | 21,885 | 1/2 | 32,579 | 1/2 | 43,295 | 1/2 | 54,017 | 1/2 | 64,738 | 1/2 | 75,460 | 1/2 | 86,182 | 1/2 | 96,904 |
| 3/4 | 1,096 | 3/4 | 11,387 | 3/4 | 22,108 | 3/4 | 32,801 | 3/4 | 43,518 | 3/4 | 54,240 | 3/4 | 64,962 | 3/4 | 75,683 | 3/4 | 86,405 | 3/4 | 97,127 |
| 4 | 1,226 | 4 | 11,610 | 4 | 22,332 | 4 | 33,024 | 4 | 43,742 | 4 | 54,463 | 4 | 65,185 | 4 | 75,907 | 4 | 86,629 | 4 | 97,350 |
| 1/4 | 1,394 | 1/4 | 11,834 | 1/4 | 22,555 | 1/4 | 33,246 | 1/4 | 43,965 | 1/4 | 54,687 | 1/4 | 65,408 | 1/4 | 76,130 | 1/4 | 86,852 | 1/4 | 97,574 |
| 1/2 | 1,561 | 1/2 | 12,057 | 1/2 | 22,778 | 1/2 | 33,469 | 1/2 | 44,188 | 1/2 | 54,910 | 1/2 | 65,632 | 1/2 | 76,354 | 1/2 | 87,075 | 1/2 | 97,797 |
| 3/4 | 1,729 | 3/4 | 12,281 | 3/4 | 23,002 | 3/4 | 33,691 | 3/4 | 44,412 | 3/4 | 55,133 | 3/4 | 65,855 | 3/4 | 76,577 | 3/4 | 87,299 | 3/4 | 98,020 |
| 5 | 1,896 | 5 | 12,504 | 5 | 23,225 | 5 | 33,913 | 5 | 44,635 | 5 | 55,357 | 5 | 66,079 | 5 | 76,800 | 5 | 87,522 | 5 | 98,244 |
| 1/4 | 2,100 | 1/4 | 12,727 | 1/4 | 23,449 | 1/4 | 34,137 | 1/4 | 44,859 | 1/4 | 55,580 | 1/4 | 66,302 | 1/4 | 77,024 | 1/4 | 87,745 | 1/4 | 98,467 |
| 1/2 | 2,304 | 1/2 | 12,951 | 1/2 | 23,672 | 1/2 | 34,360 | 1/2 | 45,082 | 1/2 | 55,804 | 1/2 | 66,525 | 1/2 | 77,247 | 1/2 | 87,969 | 1/2 | 98,690 |
| 3/4 | 2,509 | 3/4 | 13,174 | 3/4 | 23,895 | 3/4 | 34,584 | 3/4 | 45,305 | 3/4 | 56,027 | 3/4 | 66,749 | 3/4 | 77,470 | 3/4 | 88,192 | 3/4 | 98,914 |
| 6 | 2,713 | 6 | 13,397 | 6 | 24,119 | 6 | 34,807 | 6 | 45,529 | 6 | 56,250 | 6 | 66,972 | 6 | 77,694 | 6 | 88,415 | 6 | 99,137 |
| 1/4 | 2,932 | 1/4 | 13,621 | 1/4 | 24,342 | 1/4 | 35,030 | 1/4 | 45,752 | 1/4 | 56,474 | 1/4 | 67,195 | 1/4 | 77,917 | 1/4 | 88,639 | 1/4 | 99,361 |
| 1/2 | 3,151 | 1/2 | 13,844 | 1/2 | 24,565 | 1/2 | 35,254 | 1/2 | 45,975 | 1/2 | 56,697 | 1/2 | 67,419 | 1/2 | 78,141 | 1/2 | 88,862 | 1/2 | 99,584 |
| 3/4 | 3,369 | 3/4 | 14,067 | 3/4 | 24,789 | 3/4 | 35,477 | 3/4 | 46,199 | 3/4 | 56,920 | 3/4 | 67,642 | 3/4 | 78,364 | 3/4 | 89,086 | 3/4 | 99,807 |
| 7 | 3,588 | 7 | 14,291 | 7 | 25,012 | 7 | 35,700 | 7 | 46,422 | 7 | 57,144 | 7 | 67,866 | 7 | 78,587 | 7 | 89,309 | 7 | 100,031 |
| 1/4 | 3,809 | 1/4 | 14,514 | 1/4 | 25,235 | 1/4 | 35,924 | 1/4 | 46,645 | 1/4 | 57,367 | 1/4 | 68,089 | 1/4 | 78,811 | 1/4 | 89,532 | 1/4 | 100,254 |
| 1/2 | 4,030 | 1/2 | 14,738 | 1/2 | 25,458 | 1/2 | 36,147 | 1/2 | 46,869 | 1/2 | 57,591 | 1/2 | 68,312 | 1/2 | 79,034 | 1/2 | 89,756 | 1/2 | 100,477 |
| 3/4 | 4,251 | 3/4 | 14,961 | 3/4 | 25,681 | 3/4 | 36,370 | 3/4 | 47,092 | 3/4 | 57,814 | 3/4 | 68,536 | 3/4 | 79,257 | 3/4 | 89,979 | 3/4 | 100,701 |
| 8 | 4,472 | 8 | 15,184 | 8 | 25,904 | 8 | 36,594 | 8 | 47,316 | 8 | 58,037 | 8 | 68,759 | 8 | 79,481 | 8 | 90,202 | 8 | 100,924 |
| 1/4 | 4,694 | 1/4 | 15,408 | 1/4 | 26,126 | 1/4 | 36,817 | 1/4 | 47,539 | 1/4 | 58,261 | 1/4 | 68,982 | 1/4 | 79,704 | 1/4 | 90,426 | 1/4 | 101,148 |
| 1/2 | 4,916 | 1/2 | 15,631 | 1/2 | 26,349 | 1/2 | 37,041 | 1/2 | 47,762 | 1/2 | 58,484 | 1/2 | 69,206 | 1/2 | 79,927 | 1/2 | 90,649 | 1/2 | 101,371 |
| 3/4 | 5,138 | 3/4 | 15,854 | 3/4 | 26,572 | 3/4 | 37,264 | 3/4 | 47,986 | 3/4 | 58,707 | 3/4 | 69,429 | 3/4 | 80,151 | 3/4 | 90,873 | 3/4 | 101,594 |
| 9 | 5,360 | 9 | 16,078 | 9 | 26,795 | 9 | 37,487 | 9 | 48,209 | 9 | 58,931 | 9 | 69,652 | 9 | 80,374 | 9 | 91,096 | 9 | 101,818 |
| 1/4 | 5,583 | 1/4 | 16,301 | 1/4 | 27,017 | 1/4 | 37,711 | 1/4 | 48,432 | 1/4 | 59,154 | 1/4 | 69,876 | 1/4 | 80,598 | 1/4 | 91,319 | 1/4 | 102,041 |
| 1/2 | 5,805 | 1/2 | 16,524 | 1/2 | 27,240 | 1/2 | 37,934 | 1/2 | 48,656 | 1/2 | 59,378 | 1/2 | 70,099 | 1/2 | 80,821 | 1/2 | 91,543 | 1/2 | 102,264 |
| 3/4 | 6,028 | 3/4 | 16,748 | 3/4 | 27,462 | 3/4 | 38,157 | 3/4 | 48,879 | 3/4 | 59,601 | 3/4 | 70,323 | 3/4 | 81,044 | 3/4 | 91,766 | 3/4 | 102,488 |
| 10 | 6,251 | 10 | 16,971 | 10 | 27,685 | 10 | 38,381 | 10 | 49,103 | 10 | 59,824 | 10 | 70,546 | 10 | 81,268 | 10 | 91,989 | 10 | 102,711 |
| 1/4 | 6,474 | 1/4 | 17,194 | 1/4 | 27,907 | 1/4 | 38,604 | 1/4 | 49,326 | 1/4 | 60,048 | 1/4 | 70,769 | 1/4 | 81,491 | 1/4 | 92,213 | 1/4 | 102,934 |
| 1/2 | 6,697 | 1/2 | 17,418 | 1/2 | 28,130 | 1/2 | 38,828 | 1/2 | 49,549 | 1/2 | 60,271 | 1/2 | 70,993 | 1/2 | 81,714 | 1/2 | 92,436 | 1/2 | 103,158 |
| 3/4 | 6,920 | 3/4 | 17,641 | 3/4 | 28,352 | 3/4 | 39,051 | 3/4 | 49,773 | 3/4 | 60,494 | 3/4 | 71,216 | 3/4 | 81,938 | 3/4 | 92,660 | 3/4 | 103,381 |
| 11 | 7,143 | 11 | 17,865 | 11 | 28,575 | 11 | 39,274 | 11 | 49,996 | 11 | 60,718 | 11 | 71,439 | 11 | 82,161 | 11 | 92,883 | 11 | 103,605 |
| 1/4 | 7,367 | 1/4 | 18,088 | 1/4 | 28,797 | 1/4 | 39,498 | 1/4 | 50,219 | 1/4 | 60,941 | 1/4 | 71,663 | 1/4 | 82,385 | 1/4 | 93,106 | 1/4 | 103,828 |
| 1/2 | 7,590 | 1/2 | 18,311 | 1/2 | 29,019 | 1/2 | 39,721 | 1/2 | 50,443 | 1/2 | 61,164 | 1/2 | 71,886 | 1/2 | 82,608 | 1/2 | 93,330 | 1/2 | 104,051 |
| 3/4 | 7,813 | 3/4 | 18,535 | 3/4 | 29,242 | 3/4 | 39,944 | 3/4 | 50,666 | 3/4 | 61,388 | 3/4 | 72,110 | 3/4 | 82,831 | 3/4 | 93,553 | 3/4 | 104,275 |

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 22'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1011"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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 | 104,498 | 0 | 115,220 | 0 | 125,941 | 0 | 136,663 | 0 | 147,385 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 104,721 | 1/4 | 115,443 | 1/4 | 126,165 | 1/4 | 136,887 | 1/4 | 147,608 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 104,945 | 1/2 | 115,667 | 1/2 | 126,388 | 1/2 | 137,110 | 1/2 | 147,832 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 105,168 | 3/4 | 115,890 | 3/4 | 126,612 | 3/4 | 137,333 | 3/4 | 148,055 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 105,392 | 1 | 116,113 | 1 | 126,835 | 1 | 137,557 | 1 | 148,278 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 105,615 | 1/4 | 116,337 | 1/4 | 127,058 | 1/4 | 137,780 | 1/4 | 148,502 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 105,838 | 1/2 | 116,560 | 1/2 | 127,282 | 1/2 | 138,003 | 1/2 | 148,725 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 106,062 | 3/4 | 116,783 | 3/4 | 127,505 | 3/4 | 138,227 | 3/4 | 148,949 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 106,285 | 2 | 117,007 | 2 | 127,728 | 2 | 138,450 | 2 | 149,172 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 106,508 | 1/4 | 117,230 | 1/4 | 127,952 | 1/4 | 138,674 | 1/4 | 149,377 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 106,732 | 1/2 | 117,453 | 1/2 | 128,175 | 1/2 | 138,897 | 1/2 | 149,581 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 106,955 | 3/4 | 117,677 | 3/4 | 128,399 | 3/4 | 139,120 | 3/4 | 149,786 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 107,178 | 3 | 117,900 | 3 | 128,622 | 3 | 139,344 | 3 | 149,991 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 107,402 | 1/4 | 118,124 | 1/4 | 128,845 | 1/4 | 139,567 | 1/4 | 150,158 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 107,625 | 1/2 | 118,347 | 1/2 | 129,069 | 1/2 | 139,790 | 1/2 | 150,326 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 107,849 | 3/4 | 118,570 | 3/4 | 129,292 | 3/4 | 140,014 | 3/4 | 150,493 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 108,072 | 4 | 118,794 | 4 | 129,515 | 4 | 140,237 | 4 | 150,661 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 108,295 | 1/4 | 119,017 | 1/4 | 129,739 | 1/4 | 140,460 | 1/4 | 150,791 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 108,519 | 1/2 | 119,240 | 1/2 | 129,962 | 1/2 | 140,684 | 1/2 | 150,922 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 108,742 | 3/4 | 119,464 | 3/4 | 130,186 | 3/4 | 140,907 | 3/4 | 151,052 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 108,965 | 5 | 119,687 | 5 | 130,409 | 5 | 141,131 | 5 | 151,182 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 109,189 | 1/4 | 119,911 | 1/4 | 130,632 | 1/4 | 141,354 | 1/4 | 151,275 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 109,412 | 1/2 | 120,134 | 1/2 | 130,856 | 1/2 | 141,577 | 1/2 | 151,368 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 109,636 | 3/4 | 120,357 | 3/4 | 131,079 | 3/4 | 141,801 | 3/4 | 151,461 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 109,859 | 6 | 120,581 | 6 | 131,302 | 6 | 142,024 | 6 | 151,554 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 110,082 | 1/4 | 120,804 | 1/4 | 131,526 | 1/4 | 142,247 | 1/4 | 151,610 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 110,306 | 1/2 | 121,027 | 1/2 | 131,749 | 1/2 | 142,471 | 1/2 | 151,666 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 110,529 | 3/4 | 121,251 | 3/4 | 131,972 | 3/4 | 142,694 | 3/4 | 151,722 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 110,752 | 7 | 121,474 | 7 | 132,196 | 7 | 142,918 | 7 | 151,778 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 110,976 | 1/4 | 121,697 | 1/4 | 132,419 | 1/4 | 143,141 | 1/4 | 151,796 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 111,199 | 1/2 | 121,921 | 1/2 | 132,643 | 1/2 | 143,364 | 1/2 | 151,815 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 111,423 | 3/4 | 122,144 | 3/4 | 132,866 | 3/4 | 143,588 | 3/4 | 151,834 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 111,646 | 8 | 122,368 | 8 | 133,089 | 8 | 143,811 | 8 | 151,852 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 111,869 | 1/4 | 122,591 | 1/4 | 133,313 | 1/4 | 144,034 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 112,093 | 1/2 | 122,814 | 1/2 | 133,536 | 1/2 | 144,258 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 112,316 | 3/4 | 123,038 | 3/4 | 133,759 | 3/4 | 144,481 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 112,539 | 9 | 123,261 | 9 | 133,983 | 9 | 144,705 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 112,763 | 1/4 | 123,484 | 1/4 | 134,206 | 1/4 | 144,928 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 112,986 | 1/2 | 123,708 | 1/2 | 134,430 | 1/2 | 145,151 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 113,209 | 3/4 | 123,931 | 3/4 | 134,653 | 3/4 | 145,375 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 113,433 | 10 | 124,155 | 10 | 134,876 | 10 | 145,598 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 113,656 | 1/4 | 124,378 | 1/4 | 135,100 | 1/4 | 145,821 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 113,880 | 1/2 | 124,601 | 1/2 | 135,323 | 1/2 | 146,045 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 114,103 | 3/4 | 124,825 | 3/4 | 135,546 | 3/4 | 146,268 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 114,326 | 11 | 125,048 | 11 | 135,770 | 11 | 146,491 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 114,550 | 1/4 | 125,271 | 1/4 | 135,993 | 1/4 | 146,715 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 114,773 | 1/2 | 125,495 | 1/2 | 136,216 | 1/2 | 146,938 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 114,996 | 3/4 | 125,718 | 3/4 | 136,440 | 3/4 | 147,162 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
PRINTED: 05/27/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020



BARGE "CBC 1011"

ULLAGE TRIM TABLE

| | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | |
|----------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| | <u>BOW</u> | <u>STERN</u> |
| 1 CENTER | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-5/8 | - 00-5/8 | 00-3/4 | - 00-3/4 | 01-0/8 | - 01-0/8 | 01-1/8 | - 01-1/8 |
| 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 | - 00-7/8 | 00-7/8 | - 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 1 CENTER IS - 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 166'-03"

May 26, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1011"

1 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 | 147,573 | 0 | 140,062 | 0 | 130,580 | 0 | 121,098 | 0 | 111,625 | 0 | 101,039 | 0 | 90,257 | 0 | 79,471 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 147,554 | 1/4 | 139,864 | 1/4 | 130,383 | 1/4 | 120,901 | 1/4 | 111,428 | 1/4 | 100,814 | 1/4 | 90,032 | 1/4 | 79,246 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 147,536 | 1/2 | 139,667 | 1/2 | 130,185 | 1/2 | 120,703 | 1/2 | 111,231 | 1/2 | 100,589 | 1/2 | 89,808 | 1/2 | 79,021 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 147,517 | 3/4 | 139,469 | 3/4 | 129,988 | 3/4 | 120,506 | 3/4 | 111,034 | 3/4 | 100,365 | 3/4 | 89,583 | 3/4 | 78,797 |
| 1 | | 1 | | 1 | 147,461 | 1 | 139,272 | 1 | 129,790 | 1 | 120,308 | 1 | 110,837 | 1 | 100,140 | 1 | 89,358 | 1 | 78,573 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 147,404 | 1/4 | 139,074 | 1/4 | 129,592 | 1/4 | 120,111 | 1/4 | 110,640 | 1/4 | 99,915 | 1/4 | 89,133 | 1/4 | 78,350 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 147,348 | 1/2 | 138,877 | 1/2 | 129,395 | 1/2 | 119,913 | 1/2 | 110,443 | 1/2 | 99,691 | 1/2 | 88,909 | 1/2 | 78,127 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 147,292 | 3/4 | 138,679 | 3/4 | 129,197 | 3/4 | 119,716 | 3/4 | 110,246 | 3/4 | 99,466 | 3/4 | 88,684 | 3/4 | 77,903 |
| 2 | | 2 | | 2 | 147,198 | 2 | 138,482 | 2 | 129,000 | 2 | 119,518 | 2 | 110,022 | 2 | 99,241 | 2 | 88,459 | 2 | 77,681 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 147,104 | 1/4 | 138,284 | 1/4 | 128,802 | 1/4 | 119,321 | 1/4 | 109,798 | 1/4 | 99,017 | 1/4 | 88,235 | 1/4 | 77,459 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 147,010 | 1/2 | 138,087 | 1/2 | 128,605 | 1/2 | 119,123 | 1/2 | 109,574 | 1/2 | 98,792 | 1/2 | 88,010 | 1/2 | 77,237 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 146,916 | 3/4 | 137,889 | 3/4 | 128,407 | 3/4 | 118,925 | 3/4 | 109,350 | 3/4 | 98,567 | 3/4 | 87,785 | 3/4 | 77,015 |
| 3 | | 3 | | 3 | 146,785 | 3 | 137,691 | 3 | 128,210 | 3 | 118,728 | 3 | 109,125 | 3 | 98,343 | 3 | 87,560 | 3 | 76,793 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 146,654 | 1/4 | 137,494 | 1/4 | 128,012 | 1/4 | 118,530 | 1/4 | 108,901 | 1/4 | 98,118 | 1/4 | 87,336 | 1/4 | 76,571 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 146,522 | 1/2 | 137,296 | 1/2 | 127,815 | 1/2 | 118,333 | 1/2 | 108,677 | 1/2 | 97,893 | 1/2 | 87,111 | 1/2 | 76,349 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 146,391 | 3/4 | 137,099 | 3/4 | 127,617 | 3/4 | 118,135 | 3/4 | 108,453 | 3/4 | 97,669 | 3/4 | 86,886 | 3/4 | 76,127 |
| 4 | | 4 | | 4 | 146,222 | 4 | 136,901 | 4 | 127,420 | 4 | 117,938 | 4 | 108,228 | 4 | 97,444 | 4 | 86,662 | 4 | 75,905 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 146,053 | 1/4 | 136,704 | 1/4 | 127,222 | 1/4 | 117,740 | 1/4 | 108,004 | 1/4 | 97,219 | 1/4 | 86,437 | 1/4 | 75,682 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 145,884 | 1/2 | 136,506 | 1/2 | 127,024 | 1/2 | 117,543 | 1/2 | 107,779 | 1/2 | 96,994 | 1/2 | 86,212 | 1/2 | 75,460 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 145,715 | 3/4 | 136,309 | 3/4 | 126,827 | 3/4 | 117,345 | 3/4 | 107,554 | 3/4 | 96,770 | 3/4 | 85,987 | 3/4 | 75,238 |
| 5 | | 5 | | 5 | 145,537 | 5 | 136,111 | 5 | 126,629 | 5 | 117,148 | 5 | 107,330 | 5 | 96,545 | 5 | 85,763 | 5 | 75,016 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 145,358 | 1/4 | 135,914 | 1/4 | 126,432 | 1/4 | 116,950 | 1/4 | 107,105 | 1/4 | 96,320 | 1/4 | 85,538 | 1/4 | 74,794 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 145,179 | 1/2 | 135,716 | 1/2 | 126,234 | 1/2 | 116,753 | 1/2 | 106,880 | 1/2 | 96,096 | 1/2 | 85,313 | 1/2 | 74,572 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 145,000 | 3/4 | 135,519 | 3/4 | 126,037 | 3/4 | 116,555 | 3/4 | 106,655 | 3/4 | 95,871 | 3/4 | 85,089 | 3/4 | 74,350 |
| 6 | | 6 | | 6 | 144,803 | 6 | 135,321 | 6 | 125,839 | 6 | 116,357 | 6 | 106,431 | 6 | 95,647 | 6 | 84,864 | 6 | 74,128 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 144,605 | 1/4 | 135,123 | 1/4 | 125,642 | 1/4 | 116,160 | 1/4 | 106,206 | 1/4 | 95,422 | 1/4 | 84,639 | 1/4 | 73,906 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 144,408 | 1/2 | 134,926 | 1/2 | 125,444 | 1/2 | 115,962 | 1/2 | 105,981 | 1/2 | 95,197 | 1/2 | 84,414 | 1/2 | 73,683 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 144,210 | 3/4 | 134,728 | 3/4 | 125,247 | 3/4 | 115,765 | 3/4 | 105,757 | 3/4 | 94,973 | 3/4 | 84,190 | 3/4 | 73,461 |
| 7 | | 7 | | 7 | 144,013 | 7 | 134,531 | 7 | 125,049 | 7 | 115,567 | 7 | 105,532 | 7 | 94,748 | 7 | 83,965 | 7 | 73,239 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 143,815 | 1/4 | 134,333 | 1/4 | 124,852 | 1/4 | 115,370 | 1/4 | 105,307 | 1/4 | 94,524 | 1/4 | 83,740 | 1/4 | 73,017 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 143,618 | 1/2 | 134,136 | 1/2 | 124,654 | 1/2 | 115,172 | 1/2 | 105,083 | 1/2 | 94,299 | 1/2 | 83,516 | 1/2 | 72,795 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 143,420 | 3/4 | 133,938 | 3/4 | 124,457 | 3/4 | 114,975 | 3/4 | 104,858 | 3/4 | 94,075 | 3/4 | 83,291 | 3/4 | 72,573 |
| 8 | | 8 | | 8 | 143,222 | 8 | 133,741 | 8 | 124,259 | 8 | 114,778 | 8 | 104,633 | 8 | 93,850 | 8 | 83,066 | 8 | 72,351 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 143,025 | 1/4 | 133,543 | 1/4 | 124,061 | 1/4 | 114,581 | 1/4 | 104,409 | 1/4 | 93,626 | 1/4 | 82,841 | 1/4 | 72,129 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 142,827 | 1/2 | 133,346 | 1/2 | 123,864 | 1/2 | 114,384 | 1/2 | 104,184 | 1/2 | 93,401 | 1/2 | 82,617 | 1/2 | 71,907 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 142,630 | 3/4 | 133,148 | 3/4 | 123,666 | 3/4 | 114,187 | 3/4 | 103,959 | 3/4 | 93,176 | 3/4 | 82,392 | 3/4 | 71,685 |
| 9 | | 9 | | 9 | 142,432 | 9 | 132,951 | 9 | 123,469 | 9 | 113,990 | 9 | 103,735 | 9 | 92,952 | 9 | 82,167 | 9 | 71,461 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 142,235 | 1/4 | 132,753 | 1/4 | 123,271 | 1/4 | 113,793 | 1/4 | 103,510 | 1/4 | 92,727 | 1/4 | 81,943 | 1/4 | 71,237 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 142,037 | 1/2 | 132,556 | 1/2 | 123,074 | 1/2 | 113,596 | 1/2 | 103,285 | 1/2 | 92,503 | 1/2 | 81,718 | 1/2 | 71,014 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 141,840 | 3/4 | 132,358 | 3/4 | 122,876 | 3/4 | 113,399 | 3/4 | 103,061 | 3/4 | 92,278 | 3/4 | 81,493 | 3/4 | 70,790 |
| 10 | | 10 | | 10 | 141,642 | 10 | 132,160 | 10 | 122,679 | 10 | 113,202 | 10 | 102,836 | 10 | 92,054 | 10 | 81,268 | 10 | 70,566 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 141,445 | 1/4 | 131,963 | 1/4 | 122,481 | 1/4 | 113,004 | 1/4 | 102,611 | 1/4 | 91,829 | 1/4 | 81,044 | 1/4 | 70,342 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 141,247 | 1/2 | 131,765 | 1/2 | 122,284 | 1/2 | 112,807 | 1/2 | 102,387 | 1/2 | 91,604 | 1/2 | 80,819 | 1/2 | 70,118 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 141,050 | 3/4 | 131,568 | 3/4 | 122,086 | 3/4 | 112,610 | 3/4 | 102,162 | 3/4 | 91,380 | 3/4 | 80,594 | 3/4 | 69,894 |
| 11 | | 11 | | 11 | 140,852 | 11 | 131,370 | 11 | 121,889 | 11 | 112,413 | 11 | 101,937 | 11 | 91,155 | 11 | 80,370 | 11 | 69,670 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 140,655 | 1/4 | 131,173 | 1/4 | 121,691 | 1/4 | 112,216 | 1/4 | 101,713 | 1/4 | 90,931 | 1/4 | 80,145 | 1/4 | 69,446 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 140,457 | 1/2 | 130,975 | 1/2 | 121,493 | 1/2 | 112,019 | 1/2 | 101,488 | 1/2 | 90,706 | 1/2 | 79,920 | 1/2 | 69,222 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 147,592 | 3/4 | 140,259 | 3/4 | 130,778 | 3/4 | 121,296 | 3/4 | 111,822 | 3/4 | 101,263 | 3/4 | 90,482 | 3/4 | 79,695 |

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 1011"

1 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 | 68,774 | 0 | 57,993 | 0 | 47,213 | 0 | 36,434 | 0 | 25,875 | 0 | 15,084 | 0 | 4,286 | 0 | | 0 | | 0 | |
| 1/4 | 68,549 | 1/4 | 57,769 | 1/4 | 46,988 | 1/4 | 36,209 | 1/4 | 25,656 | 1/4 | 14,858 | 1/4 | 4,063 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 68,325 | 1/2 | 57,544 | 1/2 | 46,764 | 1/2 | 35,985 | 1/2 | 25,436 | 1/2 | 14,633 | 1/2 | 3,841 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 68,100 | 3/4 | 57,320 | 3/4 | 46,539 | 3/4 | 35,761 | 3/4 | 25,217 | 3/4 | 14,408 | 3/4 | 3,618 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 1 | 67,875 | 1 | 57,095 | 1 | 46,315 | 1 | 35,537 | 1 | 24,992 | 1 | 14,183 | 1 | 3,397 | 1 | 1 | 1 | | 1 | |
| 1/4 | 67,651 | 1/4 | 56,870 | 1/4 | 46,090 | 1/4 | 35,313 | 1/4 | 24,767 | 1/4 | 13,958 | 1/4 | 3,177 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 67,426 | 1/2 | 56,646 | 1/2 | 45,866 | 1/2 | 35,089 | 1/2 | 24,542 | 1/2 | 13,732 | 1/2 | 2,956 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 67,202 | 3/4 | 56,421 | 3/4 | 45,641 | 3/4 | 34,865 | 3/4 | 24,317 | 3/4 | 13,507 | 3/4 | 2,735 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 2 | 66,977 | 2 | 56,197 | 2 | 45,416 | 2 | 34,641 | 2 | 24,091 | 2 | 13,282 | 2 | 2,529 | 2 | 2 | 2 | | 2 | |
| 1/4 | 66,752 | 1/4 | 55,972 | 1/4 | 45,192 | 1/4 | 34,417 | 1/4 | 23,866 | 1/4 | 13,057 | 1/4 | 2,323 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 66,528 | 1/2 | 55,748 | 1/2 | 44,967 | 1/2 | 34,193 | 1/2 | 23,641 | 1/2 | 12,832 | 1/2 | 2,118 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 66,303 | 3/4 | 55,523 | 3/4 | 44,743 | 3/4 | 33,969 | 3/4 | 23,416 | 3/4 | 12,606 | 3/4 | 1,912 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 3 | 66,079 | 3 | 55,298 | 3 | 44,518 | 3 | 33,751 | 3 | 23,191 | 3 | 12,381 | 3 | 1,743 | 3 | 3 | 3 | | 3 | |
| 1/4 | 65,854 | 1/4 | 55,074 | 1/4 | 44,293 | 1/4 | 33,532 | 1/4 | 22,965 | 1/4 | 12,156 | 1/4 | 1,574 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 65,630 | 1/2 | 54,849 | 1/2 | 44,069 | 1/2 | 33,314 | 1/2 | 22,740 | 1/2 | 11,931 | 1/2 | 1,405 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 65,405 | 3/4 | 54,625 | 3/4 | 43,844 | 3/4 | 33,095 | 3/4 | 22,515 | 3/4 | 11,706 | 3/4 | 1,236 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 4 | 65,180 | 4 | 54,400 | 4 | 43,620 | 4 | 32,876 | 4 | 22,290 | 4 | 11,480 | 4 | 1,105 | 4 | 4 | 4 | | 4 | |
| 1/4 | 64,956 | 1/4 | 54,175 | 1/4 | 43,395 | 1/4 | 32,658 | 1/4 | 22,065 | 1/4 | 11,255 | 1/4 | 973 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 64,731 | 1/2 | 53,951 | 1/2 | 43,170 | 1/2 | 32,439 | 1/2 | 21,839 | 1/2 | 11,030 | 1/2 | 842 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 64,507 | 3/4 | 53,726 | 3/4 | 42,946 | 3/4 | 32,221 | 3/4 | 21,614 | 3/4 | 10,805 | 3/4 | 711 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 5 | 64,282 | 5 | 53,502 | 5 | 42,721 | 5 | 32,002 | 5 | 21,389 | 5 | 10,580 | 5 | 617 | 5 | 5 | 5 | | 5 | |
| 1/4 | 64,057 | 1/4 | 53,277 | 1/4 | 42,497 | 1/4 | 31,784 | 1/4 | 21,164 | 1/4 | 10,354 | 1/4 | 523 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 63,833 | 1/2 | 53,052 | 1/2 | 42,272 | 1/2 | 31,565 | 1/2 | 20,939 | 1/2 | 10,129 | 1/2 | 429 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 63,608 | 3/4 | 52,828 | 3/4 | 42,048 | 3/4 | 31,346 | 3/4 | 20,713 | 3/4 | 9,904 | 3/4 | 335 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 6 | 63,384 | 6 | 52,603 | 6 | 41,823 | 6 | 31,128 | 6 | 20,488 | 6 | 9,679 | 6 | 279 | 6 | 6 | 6 | | 6 | |
| 1/4 | 63,159 | 1/4 | 52,379 | 1/4 | 41,598 | 1/4 | 30,909 | 1/4 | 20,263 | 1/4 | 9,454 | 1/4 | 223 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 62,934 | 1/2 | 52,154 | 1/2 | 41,374 | 1/2 | 30,691 | 1/2 | 20,038 | 1/2 | 9,228 | 1/2 | 167 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 62,710 | 3/4 | 51,929 | 3/4 | 41,149 | 3/4 | 30,472 | 3/4 | 19,813 | 3/4 | 9,003 | 3/4 | 110 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 7 | 62,485 | 7 | 51,705 | 7 | 40,925 | 7 | 30,254 | 7 | 19,587 | 7 | 8,778 | 7 | 92 | 7 | 7 | 7 | | 7 | |
| 1/4 | 62,261 | 1/4 | 51,480 | 1/4 | 40,700 | 1/4 | 30,035 | 1/4 | 19,362 | 1/4 | 8,553 | 1/4 | 73 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 62,036 | 1/2 | 51,256 | 1/2 | 40,476 | 1/2 | 29,816 | 1/2 | 19,137 | 1/2 | 8,328 | 1/2 | 54 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 61,811 | 3/4 | 51,031 | 3/4 | 40,251 | 3/4 | 29,598 | 3/4 | 18,912 | 3/4 | 8,102 | 3/4 | 35 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 8 | 61,587 | 8 | 50,807 | 8 | 40,027 | 8 | 29,379 | 8 | 18,687 | 8 | 7,877 | 8 | | 8 | 8 | 8 | | 8 | |
| 1/4 | 61,362 | 1/4 | 50,582 | 1/4 | 39,802 | 1/4 | 29,160 | 1/4 | 18,461 | 1/4 | 7,652 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 61,138 | 1/2 | 50,357 | 1/2 | 39,577 | 1/2 | 28,942 | 1/2 | 18,236 | 1/2 | 7,427 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 60,913 | 3/4 | 50,133 | 3/4 | 39,353 | 3/4 | 28,723 | 3/4 | 18,011 | 3/4 | 7,202 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 9 | 60,689 | 9 | 49,908 | 9 | 39,128 | 9 | 28,504 | 9 | 17,786 | 9 | 6,977 | 9 | | 9 | 9 | 9 | | 9 | |
| 1/4 | 60,464 | 1/4 | 49,684 | 1/4 | 38,904 | 1/4 | 28,285 | 1/4 | 17,561 | 1/4 | 6,752 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 60,239 | 1/2 | 49,459 | 1/2 | 38,679 | 1/2 | 28,066 | 1/2 | 17,335 | 1/2 | 6,527 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 60,015 | 3/4 | 49,234 | 3/4 | 38,455 | 3/4 | 27,847 | 3/4 | 17,110 | 3/4 | 6,302 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 10 | 59,790 | 10 | 49,010 | 10 | 38,230 | 10 | 27,628 | 10 | 16,885 | 10 | 6,077 | 10 | | 10 | 10 | 10 | | 10 | |
| 1/4 | 59,566 | 1/4 | 48,785 | 1/4 | 38,005 | 1/4 | 27,408 | 1/4 | 16,660 | 1/4 | 5,853 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 59,341 | 1/2 | 48,561 | 1/2 | 37,781 | 1/2 | 27,189 | 1/2 | 16,435 | 1/2 | 5,628 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 59,116 | 3/4 | 48,336 | 3/4 | 37,556 | 3/4 | 26,970 | 3/4 | 16,210 | 3/4 | 5,404 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 11 | 58,892 | 11 | 48,111 | 11 | 37,332 | 11 | 26,751 | 11 | 15,984 | 11 | 5,180 | 11 | | 11 | 11 | 11 | | 11 | |
| 1/4 | 58,667 | 1/4 | 47,887 | 1/4 | 37,107 | 1/4 | 26,532 | 1/4 | 15,759 | 1/4 | 4,956 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 58,443 | 1/2 | 47,662 | 1/2 | 36,883 | 1/2 | 26,313 | 1/2 | 15,534 | 1/2 | 4,732 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 58,218 | 3/4 | 47,438 | 3/4 | 36,658 | 3/4 | 26,094 | 3/4 | 15,309 | 3/4 | 4,509 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
PRINTED: 05/27/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020



BARGE "CBC 1011"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|-----|-------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|--------|-----|
| IN | IN | IN | IN | IN | IN | IN | IN | IN | IN | IN | IN | IN | IN | IN | IN | IN | IN | IN | IN |
| 0 | 0 | 0 | 0 | 0 | 0 | 162,267 | 0 | 150,169 | 0 | 138,070 | 0 | 125,972 | 0 | 113,873 | 0 | 101,775 | 0 | 89,676 | 0 |
| 1/4 | 1/4 | 1/4 | 1/4 | 171,089 | 1/4 | 162,015 | 1/4 | 149,917 | 1/4 | 137,818 | 1/4 | 125,720 | 1/4 | 113,621 | 1/4 | 101,522 | 1/4 | 89,424 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 171,068 | 1/2 | 161,763 | 1/2 | 149,665 | 1/2 | 137,566 | 1/2 | 125,467 | 1/2 | 113,369 | 1/2 | 101,270 | 1/2 | 89,172 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 171,047 | 3/4 | 161,511 | 3/4 | 149,412 | 3/4 | 137,314 | 3/4 | 125,215 | 3/4 | 113,117 | 3/4 | 101,018 | 3/4 | 88,920 | 3/4 |
| 1 | 1 | 1 | 1 | 171,026 | 1 | 161,259 | 1 | 149,160 | 1 | 137,062 | 1 | 124,963 | 1 | 112,865 | 1 | 100,766 | 1 | 88,668 | 1 |
| 1/4 | 1/4 | 1/4 | 1/4 | 171,005 | 1/4 | 161,007 | 1/4 | 148,908 | 1/4 | 136,810 | 1/4 | 124,711 | 1/4 | 112,613 | 1/4 | 100,514 | 1/4 | 88,416 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 170,942 | 1/2 | 160,755 | 1/2 | 148,656 | 1/2 | 136,558 | 1/2 | 124,459 | 1/2 | 112,361 | 1/2 | 100,262 | 1/2 | 88,164 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 170,879 | 3/4 | 160,503 | 3/4 | 148,404 | 3/4 | 136,306 | 3/4 | 124,207 | 3/4 | 112,109 | 3/4 | 100,010 | 3/4 | 87,912 | 3/4 |
| 2 | 2 | 2 | 2 | 170,816 | 2 | 160,251 | 2 | 148,152 | 2 | 136,054 | 2 | 123,955 | 2 | 111,857 | 2 | 99,758 | 2 | 87,660 | 2 |
| 1/4 | 1/4 | 1/4 | 1/4 | 170,753 | 1/4 | 159,999 | 1/4 | 147,900 | 1/4 | 135,802 | 1/4 | 123,703 | 1/4 | 111,605 | 1/4 | 99,506 | 1/4 | 87,408 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 170,648 | 1/2 | 159,747 | 1/2 | 147,648 | 1/2 | 135,550 | 1/2 | 123,451 | 1/2 | 111,353 | 1/2 | 99,254 | 1/2 | 87,155 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 170,543 | 3/4 | 159,495 | 3/4 | 147,396 | 3/4 | 135,298 | 3/4 | 123,199 | 3/4 | 111,100 | 3/4 | 99,002 | 3/4 | 86,903 | 3/4 |
| 3 | 3 | 3 | 3 | 170,438 | 3 | 159,243 | 3 | 147,144 | 3 | 135,045 | 3 | 122,947 | 3 | 110,848 | 3 | 98,750 | 3 | 86,651 | 3 |
| 1/4 | 1/4 | 1/4 | 1/4 | 170,333 | 1/4 | 158,990 | 1/4 | 146,892 | 1/4 | 134,793 | 1/4 | 122,695 | 1/4 | 110,596 | 1/4 | 98,498 | 1/4 | 86,399 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 170,186 | 1/2 | 158,738 | 1/2 | 146,640 | 1/2 | 134,541 | 1/2 | 122,443 | 1/2 | 110,344 | 1/2 | 98,246 | 1/2 | 86,147 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 170,039 | 3/4 | 158,486 | 3/4 | 146,388 | 3/4 | 134,289 | 3/4 | 122,191 | 3/4 | 110,092 | 3/4 | 97,994 | 3/4 | 85,895 | 3/4 |
| 4 | 4 | 4 | 4 | 169,892 | 4 | 158,234 | 4 | 146,136 | 4 | 134,037 | 4 | 121,939 | 4 | 109,840 | 4 | 97,742 | 4 | 85,643 | 4 |
| 1/4 | 1/4 | 1/4 | 1/4 | 169,745 | 1/4 | 157,982 | 1/4 | 145,884 | 1/4 | 133,785 | 1/4 | 121,687 | 1/4 | 109,588 | 1/4 | 97,490 | 1/4 | 85,391 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 169,556 | 1/2 | 157,730 | 1/2 | 145,632 | 1/2 | 133,533 | 1/2 | 121,435 | 1/2 | 109,336 | 1/2 | 97,238 | 1/2 | 85,139 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 169,367 | 3/4 | 157,478 | 3/4 | 145,380 | 3/4 | 133,281 | 3/4 | 121,183 | 3/4 | 109,084 | 3/4 | 96,986 | 3/4 | 84,887 | 3/4 |
| 5 | 5 | 5 | 5 | 169,178 | 5 | 157,226 | 5 | 145,128 | 5 | 133,029 | 5 | 120,931 | 5 | 108,832 | 5 | 96,733 | 5 | 84,635 | 5 |
| 1/4 | 1/4 | 1/4 | 1/4 | 168,989 | 1/4 | 156,974 | 1/4 | 144,876 | 1/4 | 132,777 | 1/4 | 120,678 | 1/4 | 108,580 | 1/4 | 96,481 | 1/4 | 84,383 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 168,758 | 1/2 | 156,722 | 1/2 | 144,623 | 1/2 | 132,525 | 1/2 | 120,426 | 1/2 | 108,328 | 1/2 | 96,229 | 1/2 | 84,131 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 168,526 | 3/4 | 156,470 | 3/4 | 144,371 | 3/4 | 132,273 | 3/4 | 120,174 | 3/4 | 108,076 | 3/4 | 95,977 | 3/4 | 83,879 | 3/4 |
| 6 | 6 | 6 | 6 | 168,295 | 6 | 156,218 | 6 | 144,119 | 6 | 132,021 | 6 | 119,922 | 6 | 107,824 | 6 | 95,725 | 6 | 83,627 | 6 |
| 1/4 | 1/4 | 1/4 | 1/4 | 168,064 | 1/4 | 155,966 | 1/4 | 143,867 | 1/4 | 131,769 | 1/4 | 119,670 | 1/4 | 107,572 | 1/4 | 95,473 | 1/4 | 83,375 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 167,812 | 1/2 | 155,714 | 1/2 | 143,615 | 1/2 | 131,517 | 1/2 | 119,418 | 1/2 | 107,320 | 1/2 | 95,221 | 1/2 | 83,123 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 167,560 | 3/4 | 155,462 | 3/4 | 143,363 | 3/4 | 131,265 | 3/4 | 119,166 | 3/4 | 107,068 | 3/4 | 94,969 | 3/4 | 82,871 | 3/4 |
| 7 | 7 | 7 | 7 | 167,308 | 7 | 155,210 | 7 | 143,111 | 7 | 131,013 | 7 | 118,914 | 7 | 106,816 | 7 | 94,717 | 7 | 82,619 | 7 |
| 1/4 | 1/4 | 1/4 | 1/4 | 167,056 | 1/4 | 154,958 | 1/4 | 142,859 | 1/4 | 130,761 | 1/4 | 118,662 | 1/4 | 106,564 | 1/4 | 94,465 | 1/4 | 82,366 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 166,804 | 1/2 | 154,706 | 1/2 | 142,607 | 1/2 | 130,509 | 1/2 | 118,410 | 1/2 | 106,311 | 1/2 | 94,213 | 1/2 | 82,114 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 166,552 | 3/4 | 154,454 | 3/4 | 142,355 | 3/4 | 130,256 | 3/4 | 118,158 | 3/4 | 106,059 | 3/4 | 93,961 | 3/4 | 81,862 | 3/4 |
| 8 | 8 | 8 | 8 | 166,300 | 8 | 154,201 | 8 | 142,103 | 8 | 130,004 | 8 | 117,906 | 8 | 105,807 | 8 | 93,709 | 8 | 81,610 | 8 |
| 1/4 | 1/4 | 1/4 | 1/4 | 166,048 | 1/4 | 153,949 | 1/4 | 141,851 | 1/4 | 129,752 | 1/4 | 117,654 | 1/4 | 105,555 | 1/4 | 93,457 | 1/4 | 81,358 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 165,796 | 1/2 | 153,697 | 1/2 | 141,599 | 1/2 | 129,500 | 1/2 | 117,402 | 1/2 | 105,303 | 1/2 | 93,205 | 1/2 | 81,106 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 165,544 | 3/4 | 153,445 | 3/4 | 141,347 | 3/4 | 129,248 | 3/4 | 117,150 | 3/4 | 105,051 | 3/4 | 92,953 | 3/4 | 80,854 | 3/4 |
| 9 | 9 | 9 | 9 | 165,292 | 9 | 153,193 | 9 | 141,095 | 9 | 128,996 | 9 | 116,898 | 9 | 104,799 | 9 | 92,701 | 9 | 80,602 | 9 |
| 1/4 | 1/4 | 1/4 | 1/4 | 165,040 | 1/4 | 152,941 | 1/4 | 140,843 | 1/4 | 128,744 | 1/4 | 116,646 | 1/4 | 104,547 | 1/4 | 92,449 | 1/4 | 80,350 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 164,788 | 1/2 | 152,689 | 1/2 | 140,591 | 1/2 | 128,492 | 1/2 | 116,394 | 1/2 | 104,295 | 1/2 | 92,197 | 1/2 | 80,098 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 164,536 | 3/4 | 152,437 | 3/4 | 140,339 | 3/4 | 128,240 | 3/4 | 116,142 | 3/4 | 104,043 | 3/4 | 91,944 | 3/4 | 79,846 | 3/4 |
| 10 | 10 | 10 | 10 | 164,284 | 10 | 152,185 | 10 | 140,087 | 10 | 127,988 | 10 | 115,889 | 10 | 103,791 | 10 | 91,692 | 10 | 79,594 | 10 |
| 1/4 | 1/4 | 1/4 | 1/4 | 164,032 | 1/4 | 151,933 | 1/4 | 139,834 | 1/4 | 127,736 | 1/4 | 115,637 | 1/4 | 103,539 | 1/4 | 91,440 | 1/4 | 79,342 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 163,779 | 1/2 | 151,681 | 1/2 | 139,582 | 1/2 | 127,484 | 1/2 | 115,385 | 1/2 | 103,287 | 1/2 | 91,188 | 1/2 | 79,090 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 163,527 | 3/4 | 151,429 | 3/4 | 139,330 | 3/4 | 127,232 | 3/4 | 115,133 | 3/4 | 103,035 | 3/4 | 90,936 | 3/4 | 78,838 | 3/4 |
| 11 | 11 | 11 | 11 | 163,275 | 11 | 151,177 | 11 | 139,078 | 11 | 126,980 | 11 | 114,881 | 11 | 102,783 | 11 | 90,684 | 11 | 78,586 | 11 |
| 1/4 | 1/4 | 1/4 | 1/4 | 163,023 | 1/4 | 150,925 | 1/4 | 138,826 | 1/4 | 126,728 | 1/4 | 114,629 | 1/4 | 102,531 | 1/4 | 90,432 | 1/4 | 78,334 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 162,771 | 1/2 | 150,673 | 1/2 | 138,574 | 1/2 | 126,476 | 1/2 | 114,377 | 1/2 | 102,279 | 1/2 | 90,180 | 1/2 | 78,082 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 162,519 | 3/4 | 150,421 | 3/4 | 138,322 | 3/4 | 126,224 | 3/4 | 114,125 | 3/4 | 102,027 | 3/4 | 89,928 | 3/4 | 77,830 | 3/4 |

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 1011"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

| 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 | 77,577 | 0 | 65,479 | 0 | 53,380 | 0 | 41,282 | 0 | 29,444 | 0 | 17,382 | 0 | 5,292 | 0 | | 0 | | 0 | |
| 1/4 | 77,325 | 1/4 | 65,227 | 1/4 | 53,128 | 1/4 | 41,030 | 1/4 | 29,199 | 1/4 | 17,129 | 1/4 | 5,041 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 77,073 | 1/2 | 64,975 | 1/2 | 52,876 | 1/2 | 40,778 | 1/2 | 28,954 | 1/2 | 16,877 | 1/2 | 4,792 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 76,821 | 3/4 | 64,723 | 3/4 | 52,624 | 3/4 | 40,526 | 3/4 | 28,709 | 3/4 | 16,625 | 3/4 | 4,543 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 1 | 76,569 | 1 | 64,471 | 1 | 52,372 | 1 | 40,274 | 1 | 28,464 | 1 | 16,373 | 1 | 4,294 | 1 | 1 | 1 | | 1 | 1 |
| 1/4 | 76,317 | 1/4 | 64,219 | 1/4 | 52,120 | 1/4 | 40,022 | 1/4 | 28,219 | 1/4 | 16,121 | 1/4 | 4,044 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 76,065 | 1/2 | 63,967 | 1/2 | 51,868 | 1/2 | 39,770 | 1/2 | 27,967 | 1/2 | 15,869 | 1/2 | 3,797 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 75,813 | 3/4 | 63,715 | 3/4 | 51,616 | 3/4 | 39,518 | 3/4 | 27,715 | 3/4 | 15,617 | 3/4 | 3,550 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 2 | 75,561 | 2 | 63,463 | 2 | 51,364 | 2 | 39,265 | 2 | 27,463 | 2 | 15,365 | 2 | 3,303 | 2 | 2 | 2 | | 2 | 2 |
| 1/4 | 75,309 | 1/4 | 63,211 | 1/4 | 51,112 | 1/4 | 39,013 | 1/4 | 27,211 | 1/4 | 15,113 | 1/4 | 3,056 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 75,057 | 1/2 | 62,958 | 1/2 | 50,860 | 1/2 | 38,761 | 1/2 | 26,959 | 1/2 | 14,861 | 1/2 | 2,826 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 74,805 | 3/4 | 62,706 | 3/4 | 50,608 | 3/4 | 38,509 | 3/4 | 26,707 | 3/4 | 14,609 | 3/4 | 2,596 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 3 | 74,553 | 3 | 62,454 | 3 | 50,356 | 3 | 38,257 | 3 | 26,455 | 3 | 14,357 | 3 | 2,365 | 3 | 3 | 3 | | 3 | 3 |
| 1/4 | 74,301 | 1/4 | 62,202 | 1/4 | 50,104 | 1/4 | 38,005 | 1/4 | 26,203 | 1/4 | 14,105 | 1/4 | 2,135 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 74,049 | 1/2 | 61,950 | 1/2 | 49,852 | 1/2 | 37,761 | 1/2 | 25,951 | 1/2 | 13,853 | 1/2 | 1,946 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 73,797 | 3/4 | 61,698 | 3/4 | 49,600 | 3/4 | 37,516 | 3/4 | 25,699 | 3/4 | 13,601 | 3/4 | 1,757 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 4 | 73,545 | 4 | 61,446 | 4 | 49,348 | 4 | 37,272 | 4 | 25,447 | 4 | 13,349 | 4 | 1,568 | 4 | 4 | 4 | | 4 | 4 |
| 1/4 | 73,293 | 1/4 | 61,194 | 1/4 | 49,096 | 1/4 | 37,027 | 1/4 | 25,195 | 1/4 | 13,097 | 1/4 | 1,379 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 73,041 | 1/2 | 60,942 | 1/2 | 48,843 | 1/2 | 36,782 | 1/2 | 24,943 | 1/2 | 12,845 | 1/2 | 1,232 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 72,788 | 3/4 | 60,690 | 3/4 | 48,591 | 3/4 | 36,538 | 3/4 | 24,691 | 3/4 | 12,593 | 3/4 | 1,085 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 5 | 72,536 | 5 | 60,438 | 5 | 48,339 | 5 | 36,293 | 5 | 24,439 | 5 | 12,341 | 5 | 938 | 5 | 5 | 5 | | 5 | 5 |
| 1/4 | 72,284 | 1/4 | 60,186 | 1/4 | 48,087 | 1/4 | 36,049 | 1/4 | 24,187 | 1/4 | 12,089 | 1/4 | 791 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 72,032 | 1/2 | 59,934 | 1/2 | 47,835 | 1/2 | 35,804 | 1/2 | 23,935 | 1/2 | 11,837 | 1/2 | 686 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 71,780 | 3/4 | 59,682 | 3/4 | 47,583 | 3/4 | 35,560 | 3/4 | 23,683 | 3/4 | 11,585 | 3/4 | 581 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 6 | 71,528 | 6 | 59,430 | 6 | 47,331 | 6 | 35,315 | 6 | 23,431 | 6 | 11,332 | 6 | 476 | 6 | 6 | 6 | | 6 | 6 |
| 1/4 | 71,276 | 1/4 | 59,178 | 1/4 | 47,079 | 1/4 | 35,070 | 1/4 | 23,179 | 1/4 | 11,080 | 1/4 | 371 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 71,024 | 1/2 | 58,926 | 1/2 | 46,827 | 1/2 | 34,826 | 1/2 | 22,926 | 1/2 | 10,828 | 1/2 | 308 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 70,772 | 3/4 | 58,674 | 3/4 | 46,575 | 3/4 | 34,581 | 3/4 | 22,674 | 3/4 | 10,576 | 3/4 | 245 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 7 | 70,520 | 7 | 58,421 | 7 | 46,323 | 7 | 34,337 | 7 | 22,422 | 7 | 10,324 | 7 | 182 | 7 | 7 | 7 | | 7 | 7 |
| 1/4 | 70,268 | 1/4 | 58,169 | 1/4 | 46,071 | 1/4 | 34,092 | 1/4 | 22,170 | 1/4 | 10,072 | 1/4 | 119 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 70,016 | 1/2 | 57,917 | 1/2 | 45,819 | 1/2 | 33,848 | 1/2 | 21,918 | 1/2 | 9,820 | 1/2 | 98 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 69,764 | 3/4 | 57,665 | 3/4 | 45,567 | 3/4 | 33,603 | 3/4 | 21,666 | 3/4 | 9,568 | 3/4 | 77 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 8 | 69,512 | 8 | 57,413 | 8 | 45,315 | 8 | 33,358 | 8 | 21,414 | 8 | 9,316 | 8 | 56 | 8 | 8 | 8 | | 8 | 8 |
| 1/4 | 69,260 | 1/4 | 57,161 | 1/4 | 45,063 | 1/4 | 33,114 | 1/4 | 21,162 | 1/4 | 9,064 | 1/4 | 35 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 69,008 | 1/2 | 56,909 | 1/2 | 44,811 | 1/2 | 32,869 | 1/2 | 20,910 | 1/2 | 8,812 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 68,756 | 3/4 | 56,657 | 3/4 | 44,559 | 3/4 | 32,625 | 3/4 | 20,658 | 3/4 | 8,560 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 9 | 68,504 | 9 | 56,405 | 9 | 44,307 | 9 | 32,380 | 9 | 20,406 | 9 | 8,308 | 9 | | 9 | 9 | 9 | | 9 | 9 |
| 1/4 | 68,252 | 1/4 | 56,153 | 1/4 | 44,054 | 1/4 | 32,136 | 1/4 | 20,154 | 1/4 | 8,056 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 67,999 | 1/2 | 55,901 | 1/2 | 43,802 | 1/2 | 31,891 | 1/2 | 19,902 | 1/2 | 7,804 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 67,747 | 3/4 | 55,649 | 3/4 | 43,550 | 3/4 | 31,647 | 3/4 | 19,650 | 3/4 | 7,552 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 10 | 67,495 | 10 | 55,397 | 10 | 43,298 | 10 | 31,402 | 10 | 19,398 | 10 | 7,301 | 10 | | 10 | 10 | 10 | | 10 | 10 |
| 1/4 | 67,243 | 1/4 | 55,145 | 1/4 | 43,046 | 1/4 | 31,157 | 1/4 | 19,146 | 1/4 | 7,049 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 66,991 | 1/2 | 54,893 | 1/2 | 42,794 | 1/2 | 30,913 | 1/2 | 18,894 | 1/2 | 6,797 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 66,739 | 3/4 | 54,641 | 3/4 | 42,542 | 3/4 | 30,668 | 3/4 | 18,642 | 3/4 | 6,546 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 11 | 66,487 | 11 | 54,389 | 11 | 42,290 | 11 | 30,424 | 11 | 18,390 | 11 | 6,295 | 11 | | 11 | 11 | 11 | | 11 | 11 |
| 1/4 | 66,235 | 1/4 | 54,137 | 1/4 | 42,038 | 1/4 | 30,179 | 1/4 | 18,138 | 1/4 | 6,043 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 65,983 | 1/2 | 53,885 | 1/2 | 41,786 | 1/2 | 29,934 | 1/2 | 17,886 | 1/2 | 5,793 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 65,731 | 3/4 | 53,632 | 3/4 | 41,534 | 3/4 | 29,689 | 3/4 | 17,634 | 3/4 | 5,542 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
PRINTED: 05/27/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020



BARGE "CBC 1011"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|-----|-------|-----|-------|-----|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|--------|
| IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 |
| | | | | | | | 144,481 | | 133,759 | | 123,037 | | 112,316 | | 101,594 | | 90,872 | | 80,151 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 144,257 | 1/4 | 133,536 | 1/4 | 122,814 | 1/4 | 112,092 | 1/4 | 101,371 | 1/4 | 90,649 | 1/4 | 79,927 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 144,034 | 1/2 | 133,312 | 1/2 | 122,591 | 1/2 | 111,869 | 1/2 | 101,147 | 1/2 | 90,426 | 1/2 | 79,704 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 151,852 | 3/4 | 143,811 | 3/4 | 133,089 | 3/4 | 122,367 | 3/4 | 111,646 | 3/4 | 100,924 | 3/4 | 90,202 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 151,833 | 1 | 143,587 | 1 | 132,866 | 1 | 122,144 | 1 | 111,422 | 1 | 100,700 | 1 | 89,979 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 151,815 | 1/4 | 143,364 | 1/4 | 132,642 | 1/4 | 121,921 | 1/4 | 111,199 | 1/4 | 100,477 | 1/4 | 89,755 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 151,796 | 1/2 | 143,141 | 1/2 | 132,419 | 1/2 | 121,697 | 1/2 | 110,975 | 1/2 | 100,254 | 1/2 | 89,532 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 151,778 | 3/4 | 142,917 | 3/4 | 132,196 | 3/4 | 121,474 | 3/4 | 110,752 | 3/4 | 100,030 | 3/4 | 89,309 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 151,722 | 2 | 142,694 | 2 | 131,972 | 2 | 121,250 | 2 | 110,529 | 2 | 99,807 | 2 | 89,085 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 151,666 | 1/4 | 142,471 | 1/4 | 131,749 | 1/4 | 121,027 | 1/4 | 110,305 | 1/4 | 99,584 | 1/4 | 88,862 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 151,610 | 1/2 | 142,247 | 1/2 | 131,525 | 1/2 | 120,804 | 1/2 | 110,082 | 1/2 | 99,360 | 1/2 | 88,639 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 151,554 | 3/4 | 142,024 | 3/4 | 131,302 | 3/4 | 120,580 | 3/4 | 109,859 | 3/4 | 99,137 | 3/4 | 88,415 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 151,461 | 3 | 141,800 | 3 | 131,079 | 3 | 120,357 | 3 | 109,635 | 3 | 98,914 | 3 | 88,192 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 151,368 | 1/4 | 141,577 | 1/4 | 130,855 | 1/4 | 120,134 | 1/4 | 109,412 | 1/4 | 98,690 | 1/4 | 87,968 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 151,275 | 1/2 | 141,354 | 1/2 | 130,632 | 1/2 | 119,910 | 1/2 | 109,189 | 1/2 | 98,467 | 1/2 | 87,745 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 151,182 | 3/4 | 141,130 | 3/4 | 130,409 | 3/4 | 119,687 | 3/4 | 108,965 | 3/4 | 98,243 | 3/4 | 87,522 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 151,052 | 4 | 140,907 | 4 | 130,185 | 4 | 119,463 | 4 | 108,742 | 4 | 98,020 | 4 | 87,298 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 150,921 | 1/4 | 140,684 | 1/4 | 129,962 | 1/4 | 119,240 | 1/4 | 108,518 | 1/4 | 97,797 | 1/4 | 87,075 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 150,791 | 1/2 | 140,460 | 1/2 | 129,738 | 1/2 | 119,017 | 1/2 | 108,295 | 1/2 | 97,573 | 1/2 | 86,852 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 150,661 | 3/4 | 140,237 | 3/4 | 129,515 | 3/4 | 118,793 | 3/4 | 108,072 | 3/4 | 97,350 | 3/4 | 86,628 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 150,493 | 5 | 140,013 | 5 | 129,292 | 5 | 118,570 | 5 | 107,848 | 5 | 97,127 | 5 | 86,405 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 150,326 | 1/4 | 139,790 | 1/4 | 129,068 | 1/4 | 118,347 | 1/4 | 107,625 | 1/4 | 96,903 | 1/4 | 86,182 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 150,158 | 1/2 | 139,567 | 1/2 | 128,845 | 1/2 | 118,123 | 1/2 | 107,402 | 1/2 | 96,680 | 1/2 | 85,958 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 149,991 | 3/4 | 139,343 | 3/4 | 128,622 | 3/4 | 117,900 | 3/4 | 107,178 | 3/4 | 96,456 | 3/4 | 85,735 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 149,786 | 6 | 139,120 | 6 | 128,398 | 6 | 117,677 | 6 | 106,955 | 6 | 96,233 | 6 | 85,511 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 149,581 | 1/4 | 138,897 | 1/4 | 128,175 | 1/4 | 117,453 | 1/4 | 106,731 | 1/4 | 96,010 | 1/4 | 85,288 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 149,376 | 1/2 | 138,673 | 1/2 | 127,952 | 1/2 | 117,230 | 1/2 | 106,508 | 1/2 | 95,786 | 1/2 | 85,065 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 149,172 | 3/4 | 138,450 | 3/4 | 127,728 | 3/4 | 117,006 | 3/4 | 106,285 | 3/4 | 95,563 | 3/4 | 84,841 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 148,948 | 7 | 138,227 | 7 | 127,505 | 7 | 116,783 | 7 | 106,061 | 7 | 95,340 | 7 | 84,618 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 148,725 | 1/4 | 138,003 | 1/4 | 127,281 | 1/4 | 116,560 | 1/4 | 105,838 | 1/4 | 95,116 | 1/4 | 84,395 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 148,501 | 1/2 | 137,780 | 1/2 | 127,058 | 1/2 | 116,336 | 1/2 | 105,615 | 1/2 | 94,893 | 1/2 | 84,171 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 148,278 | 3/4 | 137,556 | 3/4 | 126,835 | 3/4 | 116,113 | 3/4 | 105,391 | 3/4 | 94,670 | 3/4 | 83,948 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 148,055 | 8 | 137,333 | 8 | 126,611 | 8 | 115,890 | 8 | 105,168 | 8 | 94,446 | 8 | 83,724 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 147,831 | 1/4 | 137,110 | 1/4 | 126,388 | 1/4 | 115,666 | 1/4 | 104,945 | 1/4 | 94,223 | 1/4 | 83,501 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 147,608 | 1/2 | 136,886 | 1/2 | 126,165 | 1/2 | 115,443 | 1/2 | 104,721 | 1/2 | 93,999 | 1/2 | 83,278 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 147,385 | 3/4 | 136,663 | 3/4 | 125,941 | 3/4 | 115,219 | 3/4 | 104,498 | 3/4 | 93,776 | 3/4 | 83,054 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 147,161 | 9 | 136,440 | 9 | 125,718 | 9 | 114,996 | 9 | 104,274 | 9 | 93,553 | 9 | 82,831 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 146,938 | 1/4 | 136,216 | 1/4 | 125,494 | 1/4 | 114,773 | 1/4 | 104,051 | 1/4 | 93,329 | 1/4 | 82,608 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 146,715 | 1/2 | 135,993 | 1/2 | 125,271 | 1/2 | 114,549 | 1/2 | 103,828 | 1/2 | 93,106 | 1/2 | 82,384 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 146,491 | 3/4 | 135,769 | 3/4 | 125,048 | 3/4 | 114,326 | 3/4 | 103,604 | 3/4 | 92,883 | 3/4 | 82,161 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 146,268 | 10 | 135,546 | 10 | 124,824 | 10 | 114,103 | 10 | 103,381 | 10 | 92,659 | 10 | 81,937 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 146,044 | 1/4 | 135,323 | 1/4 | 124,601 | 1/4 | 113,879 | 1/4 | 103,158 | 1/4 | 92,436 | 1/4 | 81,714 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 145,821 | 1/2 | 135,099 | 1/2 | 124,378 | 1/2 | 113,656 | 1/2 | 102,934 | 1/2 | 92,212 | 1/2 | 81,491 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 145,598 | 3/4 | 134,876 | 3/4 | 124,154 | 3/4 | 113,433 | 3/4 | 102,711 | 3/4 | 91,989 | 3/4 | 81,267 |
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 145,374 | 11 | 134,653 | 11 | 123,931 | 11 | 113,209 | 11 | 102,487 | 11 | 91,766 | 11 | 81,044 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 145,151 | 1/4 | 134,429 | 1/4 | 123,708 | 1/4 | 112,986 | 1/4 | 102,264 | 1/4 | 91,542 | 1/4 | 80,821 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 144,928 | 1/2 | 134,206 | 1/2 | 123,484 | 1/2 | 112,762 | 1/2 | 102,041 | 1/2 | 91,319 | 1/2 | 80,597 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 144,704 | 3/4 | 133,982 | 3/4 | 123,261 | 3/4 | 112,539 | 3/4 | 101,817 | 3/4 | 91,096 | 3/4 | 80,374 |

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 22'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1011"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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 | 69,429 | 0 | 58,707 | 0 | 47,985 | 0 | 37,264 | 0 | 26,572 | 0 | 15,854 | 0 | 5,138 | 0 | | 0 | | 0 | |
| 1/4 | 69,205 | 1/4 | 58,484 | 1/4 | 47,762 | 1/4 | 37,040 | 1/4 | 26,349 | 1/4 | 15,631 | 1/4 | 4,916 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 68,982 | 1/2 | 58,260 | 1/2 | 47,539 | 1/2 | 36,817 | 1/2 | 26,126 | 1/2 | 15,407 | 1/2 | 4,694 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 68,759 | 3/4 | 58,037 | 3/4 | 47,315 | 3/4 | 36,594 | 3/4 | 25,903 | 3/4 | 15,184 | 3/4 | 4,472 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 68,535 | 1 | 57,814 | 1 | 47,092 | 1 | 36,370 | 1 | 25,680 | 1 | 14,961 | 1 | 4,251 | 1 | | 1 | | 1 | |
| 1/4 | 68,312 | 1/4 | 57,590 | 1/4 | 46,869 | 1/4 | 36,147 | 1/4 | 25,458 | 1/4 | 14,737 | 1/4 | 4,030 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 68,089 | 1/2 | 57,367 | 1/2 | 46,645 | 1/2 | 35,923 | 1/2 | 25,235 | 1/2 | 14,514 | 1/2 | 3,809 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 67,865 | 3/4 | 57,144 | 3/4 | 46,422 | 3/4 | 35,700 | 3/4 | 25,012 | 3/4 | 14,291 | 3/4 | 3,588 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 67,642 | 2 | 56,920 | 2 | 46,198 | 2 | 35,477 | 2 | 24,788 | 2 | 14,067 | 2 | 3,369 | 2 | | 2 | | 2 | |
| 1/4 | 67,418 | 1/4 | 56,697 | 1/4 | 45,975 | 1/4 | 35,253 | 1/4 | 24,565 | 1/4 | 13,844 | 1/4 | 3,150 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 67,195 | 1/2 | 56,473 | 1/2 | 45,752 | 1/2 | 35,030 | 1/2 | 24,342 | 1/2 | 13,620 | 1/2 | 2,931 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 66,972 | 3/4 | 56,250 | 3/4 | 45,528 | 3/4 | 34,807 | 3/4 | 24,118 | 3/4 | 13,397 | 3/4 | 2,712 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 66,748 | 3 | 56,027 | 3 | 45,305 | 3 | 34,583 | 3 | 23,895 | 3 | 13,174 | 3 | 2,508 | 3 | | 3 | | 3 | |
| 1/4 | 66,525 | 1/4 | 55,803 | 1/4 | 45,082 | 1/4 | 34,360 | 1/4 | 23,672 | 1/4 | 12,950 | 1/4 | 2,304 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 66,302 | 1/2 | 55,580 | 1/2 | 44,858 | 1/2 | 34,137 | 1/2 | 23,448 | 1/2 | 12,727 | 1/2 | 2,100 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 66,078 | 3/4 | 55,357 | 3/4 | 44,635 | 3/4 | 33,913 | 3/4 | 23,225 | 3/4 | 12,504 | 3/4 | 1,896 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 65,855 | 4 | 55,133 | 4 | 44,411 | 4 | 33,691 | 4 | 23,002 | 4 | 12,280 | 4 | 1,728 | 4 | | 4 | | 4 | |
| 1/4 | 65,632 | 1/4 | 54,910 | 1/4 | 44,188 | 1/4 | 33,468 | 1/4 | 22,778 | 1/4 | 12,057 | 1/4 | 1,561 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 65,408 | 1/2 | 54,686 | 1/2 | 43,965 | 1/2 | 33,246 | 1/2 | 22,555 | 1/2 | 11,834 | 1/2 | 1,393 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 65,185 | 3/4 | 54,463 | 3/4 | 43,741 | 3/4 | 33,023 | 3/4 | 22,331 | 3/4 | 11,610 | 3/4 | 1,226 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 64,961 | 5 | 54,240 | 5 | 43,518 | 5 | 32,801 | 5 | 22,108 | 5 | 11,387 | 5 | 1,095 | 5 | | 5 | | 5 | |
| 1/4 | 64,738 | 1/4 | 54,016 | 1/4 | 43,295 | 1/4 | 32,578 | 1/4 | 21,885 | 1/4 | 11,163 | 1/4 | 965 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 64,515 | 1/2 | 53,793 | 1/2 | 43,071 | 1/2 | 32,356 | 1/2 | 21,661 | 1/2 | 10,940 | 1/2 | 835 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 64,291 | 3/4 | 53,570 | 3/4 | 42,848 | 3/4 | 32,134 | 3/4 | 21,438 | 3/4 | 10,717 | 3/4 | 705 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 64,068 | 6 | 53,346 | 6 | 42,625 | 6 | 31,911 | 6 | 21,215 | 6 | 10,493 | 6 | 612 | 6 | | 6 | | 6 | |
| 1/4 | 63,845 | 1/4 | 53,123 | 1/4 | 42,401 | 1/4 | 31,689 | 1/4 | 20,991 | 1/4 | 10,270 | 1/4 | 518 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 63,621 | 1/2 | 52,900 | 1/2 | 42,178 | 1/2 | 31,466 | 1/2 | 20,768 | 1/2 | 10,047 | 1/2 | 425 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 63,398 | 3/4 | 52,676 | 3/4 | 41,954 | 3/4 | 31,244 | 3/4 | 20,545 | 3/4 | 9,823 | 3/4 | 332 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 63,174 | 7 | 52,453 | 7 | 41,731 | 7 | 31,021 | 7 | 20,321 | 7 | 9,600 | 7 | 277 | 7 | | 7 | | 7 | |
| 1/4 | 62,951 | 1/4 | 52,229 | 1/4 | 41,508 | 1/4 | 30,799 | 1/4 | 20,098 | 1/4 | 9,377 | 1/4 | 221 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 62,728 | 1/2 | 52,006 | 1/2 | 41,284 | 1/2 | 30,576 | 1/2 | 19,875 | 1/2 | 9,153 | 1/2 | 165 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 62,504 | 3/4 | 51,783 | 3/4 | 41,061 | 3/4 | 30,354 | 3/4 | 19,651 | 3/4 | 8,930 | 3/4 | 109 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 62,281 | 8 | 51,559 | 8 | 40,838 | 8 | 30,131 | 8 | 19,428 | 8 | 8,707 | 8 | 90 | 8 | | 8 | | 8 | |
| 1/4 | 62,058 | 1/4 | 51,336 | 1/4 | 40,614 | 1/4 | 29,909 | 1/4 | 19,204 | 1/4 | 8,483 | 1/4 | 72 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 61,834 | 1/2 | 51,113 | 1/2 | 40,391 | 1/2 | 29,687 | 1/2 | 18,981 | 1/2 | 8,260 | 1/2 | 53 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 61,611 | 3/4 | 50,889 | 3/4 | 40,167 | 3/4 | 29,464 | 3/4 | 18,758 | 3/4 | 8,036 | 3/4 | 35 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 61,388 | 9 | 50,666 | 9 | 39,944 | 9 | 29,242 | 9 | 18,534 | 9 | 7,813 | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 61,164 | 1/4 | 50,442 | 1/4 | 39,721 | 1/4 | 29,019 | 1/4 | 18,311 | 1/4 | 7,590 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 60,941 | 1/2 | 50,219 | 1/2 | 39,497 | 1/2 | 28,797 | 1/2 | 18,088 | 1/2 | 7,366 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 60,717 | 3/4 | 49,996 | 3/4 | 39,274 | 3/4 | 28,574 | 3/4 | 17,864 | 3/4 | 7,143 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 60,494 | 10 | 49,772 | 10 | 39,051 | 10 | 28,352 | 10 | 17,641 | 10 | 6,920 | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 60,271 | 1/4 | 49,549 | 1/4 | 38,827 | 1/4 | 28,129 | 1/4 | 17,418 | 1/4 | 6,697 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 60,047 | 1/2 | 49,326 | 1/2 | 38,604 | 1/2 | 27,907 | 1/2 | 17,194 | 1/2 | 6,474 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 59,824 | 3/4 | 49,102 | 3/4 | 38,381 | 3/4 | 27,684 | 3/4 | 16,971 | 3/4 | 6,250 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 59,601 | 11 | 48,879 | 11 | 38,157 | 11 | 27,462 | 11 | 16,747 | 11 | 6,028 | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 59,377 | 1/4 | 48,655 | 1/4 | 37,934 | 1/4 | 27,240 | 1/4 | 16,524 | 1/4 | 5,805 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 59,154 | 1/2 | 48,432 | 1/2 | 37,710 | 1/2 | 27,017 | 1/2 | 16,301 | 1/2 | 5,582 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 58,930 | 3/4 | 48,209 | 3/4 | 37,487 | 3/4 | 26,795 | 3/4 | 16,077 | 3/4 | 5,360 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
PRINTED: 05/27/2020 SW

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020