



BARGE "CBC 1428"

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 | 00-3/8 | - 00-3/8 | 00-3/4 | - 00-3/4 | 01-1/8 | - 01-1/8 | 01-1/2 | - 01-1/2 | 01-7/8 | - 01-7/8 | 02-1/4 | - 02-1/4 |
| 2 CENTER | - 00-1/8 | 00-1/8 | - 00-3/8 | 00-3/8 | - 00-1/2 | 00-1/2 | - 00-3/4 | 00-3/4 | - 00-7/8 | 00-7/8 | - 01-1/8 | 01-1/8 |
| 3 CENTER | 00-0/8 | - 00-0/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 |

(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 - 00-3/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/4'

LENGTH BETWEEN DRAFT MARKS: 180'-09"

February 22, 2021

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

<http://www.pmacorp.net>



BARGE "CBC 1428"

1 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 | 39 | 0 | 8,706 | 0 | 20,319 | 0 | 31,748 | 0 | 43,218 | 0 | 54,802 | 0 | 66,387 | 0 | 77,948 | 0 | 89,511 | 0 | 101,100 |
| 1/4 | 60 | 1/4 | 8,948 | 1/4 | 20,560 | 1/4 | 31,982 | 1/4 | 43,459 | 1/4 | 55,044 | 1/4 | 66,628 | 1/4 | 78,188 | 1/4 | 89,753 | 1/4 | 101,342 |
| 1/2 | 80 | 1/2 | 9,190 | 1/2 | 20,802 | 1/2 | 32,216 | 1/2 | 43,700 | 1/2 | 55,285 | 1/2 | 66,869 | 1/2 | 78,428 | 1/2 | 89,994 | 1/2 | 101,583 |
| 3/4 | 100 | 3/4 | 9,432 | 3/4 | 21,044 | 3/4 | 32,450 | 3/4 | 43,942 | 3/4 | 55,526 | 3/4 | 67,111 | 3/4 | 78,668 | 3/4 | 90,236 | 3/4 | 101,825 |
| 1 | 120 | 1 | 9,674 | 1 | 21,286 | 1 | 32,685 | 1 | 44,183 | 1 | 55,768 | 1 | 67,352 | 1 | 78,908 | 1 | 90,477 | 1 | 102,066 |
| 1/4 | 180 | 1/4 | 9,916 | 1/4 | 21,528 | 1/4 | 32,919 | 1/4 | 44,424 | 1/4 | 56,009 | 1/4 | 67,593 | 1/4 | 79,148 | 1/4 | 90,718 | 1/4 | 102,307 |
| 1/2 | 241 | 1/2 | 10,158 | 1/2 | 21,770 | 1/2 | 33,153 | 1/2 | 44,666 | 1/2 | 56,250 | 1/2 | 67,835 | 1/2 | 79,388 | 1/2 | 90,960 | 1/2 | 102,549 |
| 3/4 | 301 | 3/4 | 10,400 | 3/4 | 22,012 | 3/4 | 33,387 | 3/4 | 44,907 | 3/4 | 56,492 | 3/4 | 68,076 | 3/4 | 79,628 | 3/4 | 91,201 | 3/4 | 102,790 |
| 2 | 362 | 2 | 10,641 | 2 | 22,254 | 2 | 33,621 | 2 | 45,148 | 2 | 56,733 | 2 | 68,318 | 2 | 79,868 | 2 | 91,443 | 2 | 103,032 |
| 1/4 | 463 | 1/4 | 10,883 | 1/4 | 22,496 | 1/4 | 33,855 | 1/4 | 45,390 | 1/4 | 56,974 | 1/4 | 68,559 | 1/4 | 80,108 | 1/4 | 91,684 | 1/4 | 103,273 |
| 1/2 | 564 | 1/2 | 11,125 | 1/2 | 22,738 | 1/2 | 34,090 | 1/2 | 45,631 | 1/2 | 57,216 | 1/2 | 68,800 | 1/2 | 80,348 | 1/2 | 91,926 | 1/2 | 103,515 |
| 3/4 | 664 | 3/4 | 11,367 | 3/4 | 22,980 | 3/4 | 34,324 | 3/4 | 45,872 | 3/4 | 57,457 | 3/4 | 69,042 | 3/4 | 80,588 | 3/4 | 92,167 | 3/4 | 103,756 |
| 3 | 765 | 3 | 11,609 | 3 | 23,222 | 3 | 34,558 | 3 | 46,114 | 3 | 57,698 | 3 | 69,283 | 3 | 80,828 | 3 | 92,408 | 3 | 103,997 |
| 1/4 | 906 | 1/4 | 11,851 | 1/4 | 23,464 | 1/4 | 34,792 | 1/4 | 46,355 | 1/4 | 57,940 | 1/4 | 69,524 | 1/4 | 81,068 | 1/4 | 92,650 | 1/4 | 104,239 |
| 1/2 | 1,047 | 1/2 | 12,093 | 1/2 | 23,705 | 1/2 | 35,026 | 1/2 | 46,597 | 1/2 | 58,181 | 1/2 | 69,766 | 1/2 | 81,308 | 1/2 | 92,891 | 1/2 | 104,480 |
| 3/4 | 1,188 | 3/4 | 12,335 | 3/4 | 23,947 | 3/4 | 35,261 | 3/4 | 46,838 | 3/4 | 58,422 | 3/4 | 70,007 | 3/4 | 81,548 | 3/4 | 93,133 | 3/4 | 104,722 |
| 4 | 1,329 | 4 | 12,577 | 4 | 24,189 | 4 | 35,495 | 4 | 47,079 | 4 | 58,664 | 4 | 70,248 | 4 | 81,788 | 4 | 93,374 | 4 | 104,963 |
| 1/4 | 1,511 | 1/4 | 12,819 | 1/4 | 24,431 | 1/4 | 35,736 | 1/4 | 47,321 | 1/4 | 58,905 | 1/4 | 70,490 | 1/4 | 82,029 | 1/4 | 93,616 | 1/4 | 105,205 |
| 1/2 | 1,692 | 1/2 | 13,061 | 1/2 | 24,673 | 1/2 | 35,977 | 1/2 | 47,562 | 1/2 | 59,146 | 1/2 | 70,731 | 1/2 | 82,269 | 1/2 | 93,857 | 1/2 | 105,446 |
| 3/4 | 1,874 | 3/4 | 13,303 | 3/4 | 24,915 | 3/4 | 36,219 | 3/4 | 47,803 | 3/4 | 59,388 | 3/4 | 70,972 | 3/4 | 82,510 | 3/4 | 94,099 | 3/4 | 105,688 |
| 5 | 2,055 | 5 | 13,545 | 5 | 25,157 | 5 | 36,460 | 5 | 48,045 | 5 | 59,629 | 5 | 71,214 | 5 | 82,751 | 5 | 94,340 | 5 | 105,929 |
| 1/4 | 2,276 | 1/4 | 13,786 | 1/4 | 25,399 | 1/4 | 36,701 | 1/4 | 48,286 | 1/4 | 59,870 | 1/4 | 71,455 | 1/4 | 82,992 | 1/4 | 94,581 | 1/4 | 106,170 |
| 1/2 | 2,497 | 1/2 | 14,028 | 1/2 | 25,641 | 1/2 | 36,943 | 1/2 | 48,527 | 1/2 | 60,112 | 1/2 | 71,696 | 1/2 | 83,234 | 1/2 | 94,823 | 1/2 | 106,412 |
| 3/4 | 2,718 | 3/4 | 14,270 | 3/4 | 25,883 | 3/4 | 37,184 | 3/4 | 48,769 | 3/4 | 60,353 | 3/4 | 71,938 | 3/4 | 83,475 | 3/4 | 95,064 | 3/4 | 106,653 |
| 6 | 2,939 | 6 | 14,512 | 6 | 26,125 | 6 | 37,425 | 6 | 49,010 | 6 | 60,594 | 6 | 72,179 | 6 | 83,717 | 6 | 95,306 | 6 | 106,895 |
| 1/4 | 3,177 | 1/4 | 14,754 | 1/4 | 26,359 | 1/4 | 37,667 | 1/4 | 49,251 | 1/4 | 60,836 | 1/4 | 72,420 | 1/4 | 83,958 | 1/4 | 95,547 | 1/4 | 107,136 |
| 1/2 | 3,414 | 1/2 | 14,996 | 1/2 | 26,594 | 1/2 | 37,908 | 1/2 | 49,493 | 1/2 | 61,077 | 1/2 | 72,661 | 1/2 | 84,199 | 1/2 | 95,789 | 1/2 | 107,378 |
| 3/4 | 3,651 | 3/4 | 15,238 | 3/4 | 26,828 | 3/4 | 38,149 | 3/4 | 49,734 | 3/4 | 61,319 | 3/4 | 72,901 | 3/4 | 84,441 | 3/4 | 96,030 | 3/4 | 107,619 |
| 7 | 3,888 | 7 | 15,480 | 7 | 27,063 | 7 | 38,391 | 7 | 49,975 | 7 | 61,560 | 7 | 73,142 | 7 | 84,682 | 7 | 96,271 | 7 | 107,860 |
| 1/4 | 4,127 | 1/4 | 15,722 | 1/4 | 27,298 | 1/4 | 38,632 | 1/4 | 50,217 | 1/4 | 61,801 | 1/4 | 73,383 | 1/4 | 84,924 | 1/4 | 96,513 | 1/4 | 108,102 |
| 1/2 | 4,366 | 1/2 | 15,964 | 1/2 | 27,532 | 1/2 | 38,874 | 1/2 | 50,458 | 1/2 | 62,043 | 1/2 | 73,624 | 1/2 | 85,165 | 1/2 | 96,754 | 1/2 | 108,343 |
| 3/4 | 4,606 | 3/4 | 16,206 | 3/4 | 27,767 | 3/4 | 39,115 | 3/4 | 50,699 | 3/4 | 62,284 | 3/4 | 73,864 | 3/4 | 85,407 | 3/4 | 96,996 | 3/4 | 108,585 |
| 8 | 4,845 | 8 | 16,448 | 8 | 28,001 | 8 | 39,356 | 8 | 50,941 | 8 | 62,525 | 8 | 74,105 | 8 | 85,648 | 8 | 97,237 | 8 | 108,826 |
| 1/4 | 5,085 | 1/4 | 16,690 | 1/4 | 28,235 | 1/4 | 39,598 | 1/4 | 51,182 | 1/4 | 62,767 | 1/4 | 74,346 | 1/4 | 85,890 | 1/4 | 97,479 | 1/4 | 109,068 |
| 1/2 | 5,326 | 1/2 | 16,932 | 1/2 | 28,470 | 1/2 | 39,839 | 1/2 | 51,423 | 1/2 | 63,008 | 1/2 | 74,587 | 1/2 | 86,131 | 1/2 | 97,720 | 1/2 | 109,309 |
| 3/4 | 5,566 | 3/4 | 17,173 | 3/4 | 28,704 | 3/4 | 40,080 | 3/4 | 51,665 | 3/4 | 63,249 | 3/4 | 74,827 | 3/4 | 86,372 | 3/4 | 97,962 | 3/4 | 109,551 |
| 9 | 5,807 | 9 | 17,415 | 9 | 28,938 | 9 | 40,322 | 9 | 51,906 | 9 | 63,491 | 9 | 75,068 | 9 | 86,614 | 9 | 98,203 | 9 | 109,792 |
| 1/4 | 6,048 | 1/4 | 17,657 | 1/4 | 29,172 | 1/4 | 40,563 | 1/4 | 52,147 | 1/4 | 63,732 | 1/4 | 75,308 | 1/4 | 86,855 | 1/4 | 98,444 | 1/4 | 110,033 |
| 1/2 | 6,289 | 1/2 | 17,899 | 1/2 | 29,406 | 1/2 | 40,804 | 1/2 | 52,389 | 1/2 | 63,973 | 1/2 | 75,548 | 1/2 | 87,097 | 1/2 | 98,686 | 1/2 | 110,275 |
| 3/4 | 6,530 | 3/4 | 18,141 | 3/4 | 29,640 | 3/4 | 41,046 | 3/4 | 52,630 | 3/4 | 64,215 | 3/4 | 75,788 | 3/4 | 87,338 | 3/4 | 98,927 | 3/4 | 110,516 |
| 10 | 6,772 | 10 | 18,383 | 10 | 29,875 | 10 | 41,287 | 10 | 52,871 | 10 | 64,456 | 10 | 76,028 | 10 | 87,580 | 10 | 99,169 | 10 | 110,758 |
| 1/4 | 7,013 | 1/4 | 18,625 | 1/4 | 30,109 | 1/4 | 41,528 | 1/4 | 53,113 | 1/4 | 64,697 | 1/4 | 76,268 | 1/4 | 87,821 | 1/4 | 99,410 | 1/4 | 110,999 |
| 1/2 | 7,255 | 1/2 | 18,867 | 1/2 | 30,343 | 1/2 | 41,770 | 1/2 | 53,354 | 1/2 | 64,939 | 1/2 | 76,508 | 1/2 | 88,063 | 1/2 | 99,652 | 1/2 | 111,241 |
| 3/4 | 7,497 | 3/4 | 19,109 | 3/4 | 30,577 | 3/4 | 42,011 | 3/4 | 53,596 | 3/4 | 65,180 | 3/4 | 76,748 | 3/4 | 88,304 | 3/4 | 99,893 | 3/4 | 111,482 |
| 11 | 7,738 | 11 | 19,351 | 11 | 30,811 | 11 | 42,252 | 11 | 53,837 | 11 | 65,421 | 11 | 76,988 | 11 | 88,545 | 11 | 100,134 | 11 | 111,723 |
| 1/4 | 7,980 | 1/4 | 19,593 | 1/4 | 31,045 | 1/4 | 42,494 | 1/4 | 54,078 | 1/4 | 65,663 | 1/4 | 77,228 | 1/4 | 88,787 | 1/4 | 100,376 | 1/4 | 111,965 |
| 1/2 | 8,222 | 1/2 | 19,835 | 1/2 | 31,280 | 1/2 | 42,735 | 1/2 | 54,320 | 1/2 | 65,904 | 1/2 | 77,468 | 1/2 | 89,028 | 1/2 | 100,617 | 1/2 | 112,206 |
| 3/4 | 8,464 | 3/4 | 20,077 | 3/4 | 31,514 | 3/4 | 42,976 | 3/4 | 54,561 | 3/4 | 66,145 | 3/4 | 77,708 | 3/4 | 89,270 | 3/4 | 100,859 | 3/4 | 112,448 |

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.

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BARGE "CBC 1428"

1 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 | 112,689 | 0 | 122,227 | 0 | 130,349 | 0 | 138,471 | 0 | 146,593 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 112,930 | 1/4 | 122,396 | 1/4 | 130,518 | 1/4 | 138,640 | 1/4 | 146,762 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 113,171 | 1/2 | 122,565 | 1/2 | 130,687 | 1/2 | 138,809 | 1/2 | 146,932 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 113,412 | 3/4 | 122,734 | 3/4 | 130,857 | 3/4 | 138,979 | 3/4 | 147,101 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 113,653 | 1 | 122,904 | 1 | 131,026 | 1 | 139,148 | 1 | 147,270 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 113,894 | 1/4 | 123,073 | 1/4 | 131,195 | 1/4 | 139,317 | 1/4 | 147,439 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 114,134 | 1/2 | 123,242 | 1/2 | 131,364 | 1/2 | 139,486 | 1/2 | 147,608 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 114,375 | 3/4 | 123,411 | 3/4 | 131,533 | 3/4 | 139,655 | 3/4 | 147,778 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 114,616 | 2 | 123,581 | 2 | 131,703 | 2 | 139,825 | 2 | 147,947 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 114,857 | 1/4 | 123,750 | 1/4 | 131,872 | 1/4 | 139,994 | 1/4 | 148,116 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 115,098 | 1/2 | 123,919 | 1/2 | 132,041 | 1/2 | 140,163 | 1/2 | 148,285 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 115,339 | 3/4 | 124,088 | 3/4 | 132,210 | 3/4 | 140,332 | 3/4 | 148,454 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 115,580 | 3 | 124,257 | 3 | 132,379 | 3 | 140,502 | 3 | 148,624 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 115,821 | 1/4 | 124,427 | 1/4 | 132,549 | 1/4 | 140,671 | 1/4 | 148,845 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 116,062 | 1/2 | 124,596 | 1/2 | 132,718 | 1/2 | 140,840 | 1/2 | 149,067 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 116,302 | 3/4 | 124,765 | 3/4 | 132,887 | 3/4 | 141,009 | 3/4 | 149,289 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 116,543 | 4 | 124,934 | 4 | 133,056 | 4 | 141,178 | 4 | 149,511 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 116,784 | 1/4 | 125,103 | 1/4 | 133,225 | 1/4 | 141,348 | 1/4 | 149,692 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 117,025 | 1/2 | 125,273 | 1/2 | 133,395 | 1/2 | 141,517 | 1/2 | 149,874 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 117,266 | 3/4 | 125,442 | 3/4 | 133,564 | 3/4 | 141,686 | 3/4 | 150,055 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 117,507 | 5 | 125,611 | 5 | 133,733 | 5 | 141,855 | 5 | 150,236 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 117,675 | 1/4 | 125,780 | 1/4 | 133,902 | 1/4 | 142,024 | 1/4 | 150,378 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 117,843 | 1/2 | 125,949 | 1/2 | 134,072 | 1/2 | 142,194 | 1/2 | 150,519 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 118,011 | 3/4 | 126,119 | 3/4 | 134,241 | 3/4 | 142,363 | 3/4 | 150,660 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 118,179 | 6 | 126,288 | 6 | 134,410 | 6 | 142,532 | 6 | 150,801 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 118,348 | 1/4 | 126,457 | 1/4 | 134,579 | 1/4 | 142,701 | 1/4 | 150,902 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 118,517 | 1/2 | 126,626 | 1/2 | 134,748 | 1/2 | 142,870 | 1/2 | 151,003 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 118,685 | 3/4 | 126,796 | 3/4 | 134,918 | 3/4 | 143,040 | 3/4 | 151,103 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 118,854 | 7 | 126,965 | 7 | 135,087 | 7 | 143,209 | 7 | 151,204 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 119,023 | 1/4 | 127,134 | 1/4 | 135,256 | 1/4 | 143,378 | 1/4 | 151,265 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 119,191 | 1/2 | 127,303 | 1/2 | 135,425 | 1/2 | 143,547 | 1/2 | 151,325 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 119,360 | 3/4 | 127,472 | 3/4 | 135,594 | 3/4 | 143,717 | 3/4 | 151,386 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 119,529 | 8 | 127,642 | 8 | 135,764 | 8 | 143,886 | 8 | 151,446 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 119,697 | 1/4 | 127,811 | 1/4 | 135,933 | 1/4 | 144,055 | 1/4 | 151,466 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 119,866 | 1/2 | 127,980 | 1/2 | 136,102 | 1/2 | 144,224 | 1/2 | 151,486 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 120,034 | 3/4 | 128,149 | 3/4 | 136,271 | 3/4 | 144,393 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 120,203 | 9 | 128,318 | 9 | 136,440 | 9 | 144,563 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 120,372 | 1/4 | 128,488 | 1/4 | 136,610 | 1/4 | 144,732 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 120,540 | 1/2 | 128,657 | 1/2 | 136,779 | 1/2 | 144,901 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 120,709 | 3/4 | 128,826 | 3/4 | 136,948 | 3/4 | 145,070 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 120,878 | 10 | 128,995 | 10 | 137,117 | 10 | 145,239 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 121,046 | 1/4 | 129,164 | 1/4 | 137,287 | 1/4 | 145,409 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 121,215 | 1/2 | 129,334 | 1/2 | 137,456 | 1/2 | 145,578 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 121,384 | 3/4 | 129,503 | 3/4 | 137,625 | 3/4 | 145,747 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 121,552 | 11 | 129,672 | 11 | 137,794 | 11 | 145,916 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 121,721 | 1/4 | 129,841 | 1/4 | 137,963 | 1/4 | 146,085 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 121,890 | 1/2 | 130,010 | 1/2 | 138,133 | 1/2 | 146,255 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 122,058 | 3/4 | 130,180 | 3/4 | 138,302 | 3/4 | 146,424 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021



BARGE "CBC 1428"

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 | 39 | 0 | 10,073 | 0 | 23,517 | 0 | 36,797 | 0 | 50,078 | 0 | 63,522 | 0 | 76,966 | 0 | 90,410 | 0 | 103,854 | 0 | 117,298 |
| 1/4 | 63 | 1/4 | 10,353 | 1/4 | 23,797 | 1/4 | 37,069 | 1/4 | 50,358 | 1/4 | 63,802 | 1/4 | 77,246 | 1/4 | 90,690 | 1/4 | 104,134 | 1/4 | 117,578 |
| 1/2 | 86 | 1/2 | 10,633 | 1/2 | 24,077 | 1/2 | 37,341 | 1/2 | 50,638 | 1/2 | 64,082 | 1/2 | 77,526 | 1/2 | 90,970 | 1/2 | 104,414 | 1/2 | 117,858 |
| 3/4 | 109 | 3/4 | 10,913 | 3/4 | 24,357 | 3/4 | 37,613 | 3/4 | 50,918 | 3/4 | 64,362 | 3/4 | 77,806 | 3/4 | 91,250 | 3/4 | 104,694 | 3/4 | 118,138 |
| 1 | 133 | 1 | 11,193 | 1 | 24,637 | 1 | 37,885 | 1 | 51,199 | 1 | 64,642 | 1 | 78,086 | 1 | 91,530 | 1 | 104,974 | 1 | 118,418 |
| 1/4 | 203 | 1/4 | 11,473 | 1/4 | 24,917 | 1/4 | 38,157 | 1/4 | 51,479 | 1/4 | 64,923 | 1/4 | 78,367 | 1/4 | 91,811 | 1/4 | 105,255 | 1/4 | 118,699 |
| 1/2 | 273 | 1/2 | 11,753 | 1/2 | 25,197 | 1/2 | 38,428 | 1/2 | 51,759 | 1/2 | 65,203 | 1/2 | 78,647 | 1/2 | 92,091 | 1/2 | 105,535 | 1/2 | 118,979 |
| 3/4 | 343 | 3/4 | 12,034 | 3/4 | 25,477 | 3/4 | 38,700 | 3/4 | 52,039 | 3/4 | 65,483 | 3/4 | 78,927 | 3/4 | 92,371 | 3/4 | 105,815 | 3/4 | 119,259 |
| 2 | 413 | 2 | 12,314 | 2 | 25,757 | 2 | 38,972 | 2 | 52,319 | 2 | 65,763 | 2 | 79,207 | 2 | 92,651 | 2 | 106,095 | 2 | 119,539 |
| 1/4 | 529 | 1/4 | 12,594 | 1/4 | 26,037 | 1/4 | 39,244 | 1/4 | 52,599 | 1/4 | 66,043 | 1/4 | 79,487 | 1/4 | 92,931 | 1/4 | 106,375 | 1/4 | 119,819 |
| 1/2 | 646 | 1/2 | 12,874 | 1/2 | 26,317 | 1/2 | 39,516 | 1/2 | 52,879 | 1/2 | 66,323 | 1/2 | 79,767 | 1/2 | 93,211 | 1/2 | 106,655 | 1/2 | 120,099 |
| 3/4 | 763 | 3/4 | 13,154 | 3/4 | 26,597 | 3/4 | 39,788 | 3/4 | 53,159 | 3/4 | 66,603 | 3/4 | 80,047 | 3/4 | 93,491 | 3/4 | 106,935 | 3/4 | 120,379 |
| 3 | 880 | 3 | 13,434 | 3 | 26,877 | 3 | 40,060 | 3 | 53,439 | 3 | 66,883 | 3 | 80,327 | 3 | 93,771 | 3 | 107,215 | 3 | 120,659 |
| 1/4 | 1,043 | 1/4 | 13,714 | 1/4 | 27,158 | 1/4 | 40,331 | 1/4 | 53,719 | 1/4 | 67,163 | 1/4 | 80,607 | 1/4 | 94,051 | 1/4 | 107,495 | 1/4 | 120,939 |
| 1/2 | 1,206 | 1/2 | 13,994 | 1/2 | 27,438 | 1/2 | 40,603 | 1/2 | 53,999 | 1/2 | 67,443 | 1/2 | 80,887 | 1/2 | 94,331 | 1/2 | 107,775 | 1/2 | 121,219 |
| 3/4 | 1,370 | 3/4 | 14,274 | 3/4 | 27,718 | 3/4 | 40,875 | 3/4 | 54,279 | 3/4 | 67,723 | 3/4 | 81,167 | 3/4 | 94,611 | 3/4 | 108,055 | 3/4 | 121,499 |
| 4 | 1,533 | 4 | 14,554 | 4 | 27,998 | 4 | 41,147 | 4 | 54,560 | 4 | 68,003 | 4 | 81,447 | 4 | 94,891 | 4 | 108,335 | 4 | 121,779 |
| 1/4 | 1,743 | 1/4 | 14,834 | 1/4 | 28,278 | 1/4 | 41,419 | 1/4 | 54,840 | 1/4 | 68,284 | 1/4 | 81,728 | 1/4 | 95,172 | 1/4 | 108,616 | 1/4 | 122,060 |
| 1/2 | 1,953 | 1/2 | 15,114 | 1/2 | 28,558 | 1/2 | 41,691 | 1/2 | 55,120 | 1/2 | 68,564 | 1/2 | 82,008 | 1/2 | 95,452 | 1/2 | 108,896 | 1/2 | 122,340 |
| 3/4 | 2,163 | 3/4 | 15,394 | 3/4 | 28,838 | 3/4 | 41,964 | 3/4 | 55,400 | 3/4 | 68,844 | 3/4 | 82,288 | 3/4 | 95,732 | 3/4 | 109,176 | 3/4 | 122,620 |
| 5 | 2,373 | 5 | 15,675 | 5 | 29,118 | 5 | 42,236 | 5 | 55,680 | 5 | 69,124 | 5 | 82,568 | 5 | 96,012 | 5 | 109,456 | 5 | 122,900 |
| 1/4 | 2,629 | 1/4 | 15,955 | 1/4 | 29,398 | 1/4 | 42,516 | 1/4 | 55,960 | 1/4 | 69,404 | 1/4 | 82,848 | 1/4 | 96,292 | 1/4 | 109,736 | 1/4 | 123,180 |
| 1/2 | 2,885 | 1/2 | 16,235 | 1/2 | 29,678 | 1/2 | 42,796 | 1/2 | 56,240 | 1/2 | 69,684 | 1/2 | 83,128 | 1/2 | 96,572 | 1/2 | 110,016 | 1/2 | 123,460 |
| 3/4 | 3,141 | 3/4 | 16,515 | 3/4 | 29,958 | 3/4 | 43,076 | 3/4 | 56,520 | 3/4 | 69,964 | 3/4 | 83,408 | 3/4 | 96,852 | 3/4 | 110,296 | 3/4 | 123,740 |
| 6 | 3,397 | 6 | 16,795 | 6 | 30,238 | 6 | 43,356 | 6 | 56,800 | 6 | 70,244 | 6 | 83,688 | 6 | 97,132 | 6 | 110,576 | 6 | 124,020 |
| 1/4 | 3,672 | 1/4 | 17,075 | 1/4 | 30,518 | 1/4 | 43,636 | 1/4 | 57,080 | 1/4 | 70,524 | 1/4 | 83,968 | 1/4 | 97,412 | 1/4 | 110,856 | 1/4 | 124,300 |
| 1/2 | 3,946 | 1/2 | 17,355 | 1/2 | 30,799 | 1/2 | 43,916 | 1/2 | 57,360 | 1/2 | 70,804 | 1/2 | 84,248 | 1/2 | 97,692 | 1/2 | 111,136 | 1/2 | 124,580 |
| 3/4 | 4,221 | 3/4 | 17,635 | 3/4 | 31,079 | 3/4 | 44,196 | 3/4 | 57,640 | 3/4 | 71,084 | 3/4 | 84,528 | 3/4 | 97,972 | 3/4 | 111,416 | 3/4 | 124,860 |
| 7 | 4,495 | 7 | 17,915 | 7 | 31,359 | 7 | 44,477 | 7 | 57,921 | 7 | 71,364 | 7 | 84,808 | 7 | 98,252 | 7 | 111,696 | 7 | 125,140 |
| 1/4 | 4,772 | 1/4 | 18,195 | 1/4 | 31,631 | 1/4 | 44,757 | 1/4 | 58,201 | 1/4 | 71,645 | 1/4 | 85,089 | 1/4 | 98,533 | 1/4 | 111,977 | 1/4 | 125,421 |
| 1/2 | 5,049 | 1/2 | 18,475 | 1/2 | 31,903 | 1/2 | 45,037 | 1/2 | 58,481 | 1/2 | 71,925 | 1/2 | 85,369 | 1/2 | 98,813 | 1/2 | 112,257 | 1/2 | 125,701 |
| 3/4 | 5,326 | 3/4 | 18,755 | 3/4 | 32,175 | 3/4 | 45,317 | 3/4 | 58,761 | 3/4 | 72,205 | 3/4 | 85,649 | 3/4 | 99,093 | 3/4 | 112,537 | 3/4 | 125,981 |
| 8 | 5,603 | 8 | 19,035 | 8 | 32,448 | 8 | 45,597 | 8 | 59,041 | 8 | 72,485 | 8 | 85,929 | 8 | 99,373 | 8 | 112,817 | 8 | 126,261 |
| 1/4 | 5,881 | 1/4 | 19,315 | 1/4 | 32,719 | 1/4 | 45,877 | 1/4 | 59,321 | 1/4 | 72,765 | 1/4 | 86,209 | 1/4 | 99,653 | 1/4 | 113,097 | 1/4 | 126,541 |
| 1/2 | 6,160 | 1/2 | 19,596 | 1/2 | 32,991 | 1/2 | 46,157 | 1/2 | 59,601 | 1/2 | 73,045 | 1/2 | 86,489 | 1/2 | 99,933 | 1/2 | 113,377 | 1/2 | 126,821 |
| 3/4 | 6,438 | 3/4 | 19,876 | 3/4 | 33,263 | 3/4 | 46,437 | 3/4 | 59,881 | 3/4 | 73,325 | 3/4 | 86,769 | 3/4 | 100,213 | 3/4 | 113,657 | 3/4 | 127,101 |
| 9 | 6,716 | 9 | 20,156 | 9 | 33,535 | 9 | 46,717 | 9 | 60,161 | 9 | 73,605 | 9 | 87,049 | 9 | 100,493 | 9 | 113,937 | 9 | 127,381 |
| 1/4 | 6,996 | 1/4 | 20,436 | 1/4 | 33,807 | 1/4 | 46,997 | 1/4 | 60,441 | 1/4 | 73,885 | 1/4 | 87,329 | 1/4 | 100,773 | 1/4 | 114,217 | 1/4 | 127,661 |
| 1/2 | 7,275 | 1/2 | 20,716 | 1/2 | 34,079 | 1/2 | 47,277 | 1/2 | 60,721 | 1/2 | 74,165 | 1/2 | 87,609 | 1/2 | 101,053 | 1/2 | 114,497 | 1/2 | 127,941 |
| 3/4 | 7,554 | 3/4 | 20,996 | 3/4 | 34,351 | 3/4 | 47,557 | 3/4 | 61,001 | 3/4 | 74,445 | 3/4 | 87,889 | 3/4 | 101,333 | 3/4 | 114,777 | 3/4 | 128,221 |
| 10 | 7,834 | 10 | 21,276 | 10 | 34,622 | 10 | 47,838 | 10 | 61,281 | 10 | 74,725 | 10 | 88,169 | 10 | 101,613 | 10 | 115,057 | 10 | 128,501 |
| 1/4 | 8,113 | 1/4 | 21,556 | 1/4 | 34,894 | 1/4 | 48,118 | 1/4 | 61,562 | 1/4 | 75,006 | 1/4 | 88,450 | 1/4 | 101,894 | 1/4 | 115,338 | 1/4 | 128,782 |
| 1/2 | 8,393 | 1/2 | 21,836 | 1/2 | 35,166 | 1/2 | 48,398 | 1/2 | 61,842 | 1/2 | 75,286 | 1/2 | 88,730 | 1/2 | 102,174 | 1/2 | 115,618 | 1/2 | 129,062 |
| 3/4 | 8,673 | 3/4 | 22,116 | 3/4 | 35,438 | 3/4 | 48,678 | 3/4 | 62,122 | 3/4 | 75,566 | 3/4 | 89,010 | 3/4 | 102,454 | 3/4 | 115,898 | 3/4 | 129,342 |
| 11 | 8,953 | 11 | 22,396 | 11 | 35,710 | 11 | 48,958 | 11 | 62,402 | 11 | 75,846 | 11 | 89,290 | 11 | 102,734 | 11 | 116,178 | 11 | 129,622 |
| 1/4 | 9,233 | 1/4 | 22,676 | 1/4 | 35,982 | 1/4 | 49,238 | 1/4 | 62,682 | 1/4 | 76,126 | 1/4 | 89,570 | 1/4 | 103,014 | 1/4 | 116,458 | 1/4 | 129,902 |
| 1/2 | 9,513 | 1/2 | 22,956 | 1/2 | 36,254 | 1/2 | 49,518 | 1/2 | 62,962 | 1/2 | 76,406 | 1/2 | 89,850 | 1/2 | 103,294 | 1/2 | 116,738 | 1/2 | 130,182 |
| 3/4 | 9,793 | 3/4 | 23,237 | 3/4 | 36,525 | 3/4 | 49,798 | 3/4 | 63,242 | 3/4 | 76,686 | 3/4 | 90,130 | 3/4 | 103,574 | 3/4 | 117,018 | 3/4 | 130,462 |

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 36'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 1428"

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 | 130,742 | 0 | 144,186 | 0 | 157,630 | 0 | 171,074 | 0 | 184,518 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 131,022 | 1/4 | 144,466 | 1/4 | 157,910 | 1/4 | 171,354 | 1/4 | 184,798 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 131,302 | 1/2 | 144,746 | 1/2 | 158,190 | 1/2 | 171,634 | 1/2 | 185,078 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 131,582 | 3/4 | 145,026 | 3/4 | 158,470 | 3/4 | 171,914 | 3/4 | 185,358 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 131,862 | 1 | 145,306 | 1 | 158,750 | 1 | 172,194 | 1 | 185,638 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 132,142 | 1/4 | 145,586 | 1/4 | 159,030 | 1/4 | 172,474 | 1/4 | 185,918 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 132,423 | 1/2 | 145,867 | 1/2 | 159,311 | 1/2 | 172,755 | 1/2 | 186,199 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 132,703 | 3/4 | 146,147 | 3/4 | 159,591 | 3/4 | 173,035 | 3/4 | 186,479 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 132,983 | 2 | 146,427 | 2 | 159,871 | 2 | 173,315 | 2 | 186,759 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 133,263 | 1/4 | 146,707 | 1/4 | 160,151 | 1/4 | 173,595 | 1/4 | 187,039 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 133,543 | 1/2 | 146,987 | 1/2 | 160,431 | 1/2 | 173,875 | 1/2 | 187,319 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 133,823 | 3/4 | 147,267 | 3/4 | 160,711 | 3/4 | 174,155 | 3/4 | 187,599 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 134,103 | 3 | 147,547 | 3 | 160,991 | 3 | 174,435 | 3 | 187,879 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 134,383 | 1/4 | 147,827 | 1/4 | 161,271 | 1/4 | 174,715 | 1/4 | 188,136 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 134,663 | 1/2 | 148,107 | 1/2 | 161,551 | 1/2 | 174,995 | 1/2 | 188,392 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 134,943 | 3/4 | 148,387 | 3/4 | 161,831 | 3/4 | 175,275 | 3/4 | 188,649 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 135,223 | 4 | 148,667 | 4 | 162,111 | 4 | 175,555 | 4 | 188,906 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 135,503 | 1/4 | 148,947 | 1/4 | 162,391 | 1/4 | 175,835 | 1/4 | 189,116 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 135,784 | 1/2 | 149,228 | 1/2 | 162,672 | 1/2 | 176,116 | 1/2 | 189,326 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 136,064 | 3/4 | 149,508 | 3/4 | 162,952 | 3/4 | 176,396 | 3/4 | 189,536 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 136,344 | 5 | 149,788 | 5 | 163,232 | 5 | 176,676 | 5 | 189,746 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 136,624 | 1/4 | 150,068 | 1/4 | 163,512 | 1/4 | 176,956 | 1/4 | 189,910 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 136,904 | 1/2 | 150,348 | 1/2 | 163,792 | 1/2 | 177,236 | 1/2 | 190,073 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 137,184 | 3/4 | 150,628 | 3/4 | 164,072 | 3/4 | 177,516 | 3/4 | 190,236 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 137,464 | 6 | 150,908 | 6 | 164,352 | 6 | 177,796 | 6 | 190,400 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 137,744 | 1/4 | 151,188 | 1/4 | 164,632 | 1/4 | 178,076 | 1/4 | 190,516 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 138,024 | 1/2 | 151,468 | 1/2 | 164,912 | 1/2 | 178,356 | 1/2 | 190,633 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 138,304 | 3/4 | 151,748 | 3/4 | 165,192 | 3/4 | 178,636 | 3/4 | 190,750 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 138,584 | 7 | 152,028 | 7 | 165,472 | 7 | 178,916 | 7 | 190,867 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 138,864 | 1/4 | 152,308 | 1/4 | 165,752 | 1/4 | 179,196 | 1/4 | 190,937 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 139,145 | 1/2 | 152,589 | 1/2 | 166,033 | 1/2 | 179,477 | 1/2 | 191,007 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 139,425 | 3/4 | 152,869 | 3/4 | 166,313 | 3/4 | 179,757 | 3/4 | 191,077 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 139,705 | 8 | 153,149 | 8 | 166,593 | 8 | 180,037 | 8 | 191,147 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 139,985 | 1/4 | 153,429 | 1/4 | 166,873 | 1/4 | 180,317 | 1/4 | 191,170 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 140,265 | 1/2 | 153,709 | 1/2 | 167,153 | 1/2 | 180,597 | 1/2 | 191,193 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 140,545 | 3/4 | 153,989 | 3/4 | 167,433 | 3/4 | 180,877 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 140,825 | 9 | 154,269 | 9 | 167,713 | 9 | 181,157 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 141,105 | 1/4 | 154,549 | 1/4 | 167,993 | 1/4 | 181,437 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 141,385 | 1/2 | 154,829 | 1/2 | 168,273 | 1/2 | 181,717 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 141,665 | 3/4 | 155,109 | 3/4 | 168,553 | 3/4 | 181,997 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 141,945 | 10 | 155,389 | 10 | 168,833 | 10 | 182,277 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 142,225 | 1/4 | 155,669 | 1/4 | 169,113 | 1/4 | 182,557 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 142,506 | 1/2 | 155,950 | 1/2 | 169,394 | 1/2 | 182,838 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 142,786 | 3/4 | 156,230 | 3/4 | 169,674 | 3/4 | 183,118 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 143,066 | 11 | 156,510 | 11 | 169,954 | 11 | 183,398 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 143,346 | 1/4 | 156,790 | 1/4 | 170,234 | 1/4 | 183,678 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 143,626 | 1/2 | 157,070 | 1/2 | 170,514 | 1/2 | 183,958 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 143,906 | 3/4 | 157,350 | 3/4 | 170,794 | 3/4 | 184,238 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021



BARGE "CBC 1428"

3 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 | 40 | 0 | 8,998 | 0 | 21,002 | 0 | 32,991 | 0 | 44,983 | 0 | 56,987 | 0 | 68,991 | 0 | 80,995 | 0 | 92,999 | 0 | 105,003 |
| 1/4 | 60 | 1/4 | 9,248 | 1/4 | 21,252 | 1/4 | 33,240 | 1/4 | 45,234 | 1/4 | 57,237 | 1/4 | 69,241 | 1/4 | 81,245 | 1/4 | 93,249 | 1/4 | 105,253 |
| 1/2 | 81 | 1/2 | 9,498 | 1/2 | 21,502 | 1/2 | 33,490 | 1/2 | 45,484 | 1/2 | 57,488 | 1/2 | 69,491 | 1/2 | 81,495 | 1/2 | 93,499 | 1/2 | 105,503 |
| 3/4 | 102 | 3/4 | 9,749 | 3/4 | 21,752 | 3/4 | 33,739 | 3/4 | 45,734 | 3/4 | 57,738 | 3/4 | 69,742 | 3/4 | 81,745 | 3/4 | 93,749 | 3/4 | 105,753 |
| 1 | 123 | 1 | 9,999 | 1 | 22,002 | 1 | 33,989 | 1 | 45,984 | 1 | 57,988 | 1 | 69,992 | 1 | 81,996 | 1 | 93,999 | 1 | 106,003 |
| 1/4 | 185 | 1/4 | 10,249 | 1/4 | 22,252 | 1/4 | 34,238 | 1/4 | 46,234 | 1/4 | 58,238 | 1/4 | 70,242 | 1/4 | 82,246 | 1/4 | 94,250 | 1/4 | 106,254 |
| 1/2 | 248 | 1/2 | 10,499 | 1/2 | 22,502 | 1/2 | 34,487 | 1/2 | 46,484 | 1/2 | 58,488 | 1/2 | 70,492 | 1/2 | 82,496 | 1/2 | 94,500 | 1/2 | 106,504 |
| 3/4 | 310 | 3/4 | 10,749 | 3/4 | 22,752 | 3/4 | 34,737 | 3/4 | 46,734 | 3/4 | 58,738 | 3/4 | 70,742 | 3/4 | 82,746 | 3/4 | 94,750 | 3/4 | 106,754 |
| 2 | 373 | 2 | 10,999 | 2 | 23,002 | 2 | 34,986 | 2 | 46,984 | 2 | 58,988 | 2 | 70,992 | 2 | 82,996 | 2 | 95,000 | 2 | 107,004 |
| 1/4 | 477 | 1/4 | 11,249 | 1/4 | 23,252 | 1/4 | 35,235 | 1/4 | 47,234 | 1/4 | 59,238 | 1/4 | 71,242 | 1/4 | 83,246 | 1/4 | 95,250 | 1/4 | 107,254 |
| 1/2 | 581 | 1/2 | 11,499 | 1/2 | 23,503 | 1/2 | 35,485 | 1/2 | 47,484 | 1/2 | 59,488 | 1/2 | 71,492 | 1/2 | 83,496 | 1/2 | 95,500 | 1/2 | 107,504 |
| 3/4 | 685 | 3/4 | 11,749 | 3/4 | 23,753 | 3/4 | 35,734 | 3/4 | 47,734 | 3/4 | 59,738 | 3/4 | 71,742 | 3/4 | 83,746 | 3/4 | 95,750 | 3/4 | 107,754 |
| 3 | 790 | 3 | 11,999 | 3 | 24,003 | 3 | 35,983 | 3 | 47,984 | 3 | 59,988 | 3 | 71,992 | 3 | 83,996 | 3 | 96,000 | 3 | 108,004 |
| 1/4 | 936 | 1/4 | 12,249 | 1/4 | 24,253 | 1/4 | 36,233 | 1/4 | 48,235 | 1/4 | 60,238 | 1/4 | 72,242 | 1/4 | 84,246 | 1/4 | 96,250 | 1/4 | 108,254 |
| 1/2 | 1,081 | 1/2 | 12,499 | 1/2 | 24,503 | 1/2 | 36,482 | 1/2 | 48,485 | 1/2 | 60,489 | 1/2 | 72,492 | 1/2 | 84,496 | 1/2 | 96,500 | 1/2 | 108,504 |
| 3/4 | 1,227 | 3/4 | 12,749 | 3/4 | 24,753 | 3/4 | 36,731 | 3/4 | 48,735 | 3/4 | 60,739 | 3/4 | 72,743 | 3/4 | 84,746 | 3/4 | 96,750 | 3/4 | 108,754 |
| 4 | 1,373 | 4 | 13,000 | 4 | 25,003 | 4 | 36,981 | 4 | 48,985 | 4 | 60,989 | 4 | 72,993 | 4 | 84,997 | 4 | 97,000 | 4 | 109,004 |
| 1/4 | 1,561 | 1/4 | 13,250 | 1/4 | 25,253 | 1/4 | 37,231 | 1/4 | 49,235 | 1/4 | 61,239 | 1/4 | 73,243 | 1/4 | 85,247 | 1/4 | 97,251 | 1/4 | 109,254 |
| 1/2 | 1,748 | 1/2 | 13,500 | 1/2 | 25,503 | 1/2 | 37,481 | 1/2 | 49,485 | 1/2 | 61,489 | 1/2 | 73,493 | 1/2 | 85,497 | 1/2 | 97,501 | 1/2 | 109,505 |
| 3/4 | 1,936 | 3/4 | 13,750 | 3/4 | 25,753 | 3/4 | 37,731 | 3/4 | 49,735 | 3/4 | 61,739 | 3/4 | 73,743 | 3/4 | 85,747 | 3/4 | 97,751 | 3/4 | 109,755 |
| 5 | 2,123 | 5 | 14,000 | 5 | 26,003 | 5 | 37,981 | 5 | 49,985 | 5 | 61,989 | 5 | 73,993 | 5 | 85,997 | 5 | 98,001 | 5 | 110,005 |
| 1/4 | 2,352 | 1/4 | 14,250 | 1/4 | 26,253 | 1/4 | 38,231 | 1/4 | 50,235 | 1/4 | 62,239 | 1/4 | 74,243 | 1/4 | 86,247 | 1/4 | 98,251 | 1/4 | 110,255 |
| 1/2 | 2,580 | 1/2 | 14,500 | 1/2 | 26,503 | 1/2 | 38,481 | 1/2 | 50,485 | 1/2 | 62,489 | 1/2 | 74,493 | 1/2 | 86,497 | 1/2 | 98,501 | 1/2 | 110,505 |
| 3/4 | 2,809 | 3/4 | 14,750 | 3/4 | 26,753 | 3/4 | 38,731 | 3/4 | 50,735 | 3/4 | 62,739 | 3/4 | 74,743 | 3/4 | 86,747 | 3/4 | 98,751 | 3/4 | 110,755 |
| 6 | 3,038 | 6 | 15,000 | 6 | 27,004 | 6 | 38,982 | 6 | 50,985 | 6 | 62,989 | 6 | 74,993 | 6 | 86,997 | 6 | 99,001 | 6 | 111,005 |
| 1/4 | 3,283 | 1/4 | 15,250 | 1/4 | 27,253 | 1/4 | 39,232 | 1/4 | 51,236 | 1/4 | 63,239 | 1/4 | 75,243 | 1/4 | 87,247 | 1/4 | 99,251 | 1/4 | 111,255 |
| 1/2 | 3,528 | 1/2 | 15,500 | 1/2 | 27,503 | 1/2 | 39,482 | 1/2 | 51,486 | 1/2 | 63,490 | 1/2 | 75,493 | 1/2 | 87,497 | 1/2 | 99,501 | 1/2 | 111,505 |
| 3/4 | 3,773 | 3/4 | 15,750 | 3/4 | 27,753 | 3/4 | 39,732 | 3/4 | 51,736 | 3/4 | 63,740 | 3/4 | 75,744 | 3/4 | 87,747 | 3/4 | 99,751 | 3/4 | 111,755 |
| 7 | 4,018 | 7 | 16,000 | 7 | 28,002 | 7 | 39,982 | 7 | 51,986 | 7 | 63,990 | 7 | 75,994 | 7 | 87,998 | 7 | 100,001 | 7 | 112,005 |
| 1/4 | 4,265 | 1/4 | 16,250 | 1/4 | 28,252 | 1/4 | 40,232 | 1/4 | 52,236 | 1/4 | 64,240 | 1/4 | 76,244 | 1/4 | 88,248 | 1/4 | 100,252 | 1/4 | 112,255 |
| 1/2 | 4,513 | 1/2 | 16,501 | 1/2 | 28,502 | 1/2 | 40,482 | 1/2 | 52,486 | 1/2 | 64,490 | 1/2 | 76,494 | 1/2 | 88,498 | 1/2 | 100,502 | 1/2 | 112,506 |
| 3/4 | 4,760 | 3/4 | 16,751 | 3/4 | 28,752 | 3/4 | 40,732 | 3/4 | 52,736 | 3/4 | 64,740 | 3/4 | 76,744 | 3/4 | 88,748 | 3/4 | 100,752 | 3/4 | 112,756 |
| 8 | 5,007 | 8 | 17,001 | 8 | 29,001 | 8 | 40,982 | 8 | 52,986 | 8 | 64,990 | 8 | 76,994 | 8 | 88,998 | 8 | 101,002 | 8 | 113,006 |
| 1/4 | 5,256 | 1/4 | 17,251 | 1/4 | 29,251 | 1/4 | 41,232 | 1/4 | 53,236 | 1/4 | 65,240 | 1/4 | 77,244 | 1/4 | 89,248 | 1/4 | 101,252 | 1/4 | 113,256 |
| 1/2 | 5,504 | 1/2 | 17,501 | 1/2 | 29,500 | 1/2 | 41,482 | 1/2 | 53,486 | 1/2 | 65,490 | 1/2 | 77,494 | 1/2 | 89,498 | 1/2 | 101,502 | 1/2 | 113,506 |
| 3/4 | 5,753 | 3/4 | 17,751 | 3/4 | 29,749 | 3/4 | 41,732 | 3/4 | 53,736 | 3/4 | 65,740 | 3/4 | 77,744 | 3/4 | 89,748 | 3/4 | 101,752 | 3/4 | 113,756 |
| 9 | 6,001 | 9 | 18,001 | 9 | 29,999 | 9 | 41,982 | 9 | 53,986 | 9 | 65,990 | 9 | 77,994 | 9 | 89,998 | 9 | 102,002 | 9 | 114,006 |
| 1/4 | 6,251 | 1/4 | 18,251 | 1/4 | 30,248 | 1/4 | 42,233 | 1/4 | 54,236 | 1/4 | 66,240 | 1/4 | 78,244 | 1/4 | 90,248 | 1/4 | 102,252 | 1/4 | 114,256 |
| 1/2 | 6,500 | 1/2 | 18,501 | 1/2 | 30,497 | 1/2 | 42,483 | 1/2 | 54,487 | 1/2 | 66,491 | 1/2 | 78,494 | 1/2 | 90,498 | 1/2 | 102,502 | 1/2 | 114,506 |
| 3/4 | 6,749 | 3/4 | 18,751 | 3/4 | 30,747 | 3/4 | 42,733 | 3/4 | 54,737 | 3/4 | 66,741 | 3/4 | 78,745 | 3/4 | 90,748 | 3/4 | 102,752 | 3/4 | 114,756 |
| 10 | 6,999 | 10 | 19,001 | 10 | 30,996 | 10 | 42,983 | 10 | 54,987 | 10 | 66,991 | 10 | 78,995 | 10 | 90,999 | 10 | 103,002 | 10 | 115,006 |
| 1/4 | 7,249 | 1/4 | 19,251 | 1/4 | 31,246 | 1/4 | 43,233 | 1/4 | 55,237 | 1/4 | 67,241 | 1/4 | 79,245 | 1/4 | 91,249 | 1/4 | 103,253 | 1/4 | 115,256 |
| 1/2 | 7,498 | 1/2 | 19,501 | 1/2 | 31,495 | 1/2 | 43,483 | 1/2 | 55,487 | 1/2 | 67,491 | 1/2 | 79,495 | 1/2 | 91,499 | 1/2 | 103,503 | 1/2 | 115,507 |
| 3/4 | 7,748 | 3/4 | 19,751 | 3/4 | 31,744 | 3/4 | 43,733 | 3/4 | 55,737 | 3/4 | 67,741 | 3/4 | 79,745 | 3/4 | 91,749 | 3/4 | 103,753 | 3/4 | 115,757 |
| 11 | 7,998 | 11 | 20,002 | 11 | 31,994 | 11 | 43,983 | 11 | 55,987 | 11 | 67,991 | 11 | 79,995 | 11 | 91,999 | 11 | 104,003 | 11 | 116,007 |
| 1/4 | 8,248 | 1/4 | 20,252 | 1/4 | 32,243 | 1/4 | 44,233 | 1/4 | 56,237 | 1/4 | 68,241 | 1/4 | 80,245 | 1/4 | 92,249 | 1/4 | 104,253 | 1/4 | 116,257 |
| 1/2 | 8,498 | 1/2 | 20,502 | 1/2 | 32,492 | 1/2 | 44,483 | 1/2 | 56,487 | 1/2 | 68,491 | 1/2 | 80,495 | 1/2 | 92,499 | 1/2 | 104,503 | 1/2 | 116,507 |
| 3/4 | 8,748 | 3/4 | 20,752 | 3/4 | 32,742 | 3/4 | 44,733 | 3/4 | 56,737 | 3/4 | 68,741 | 3/4 | 80,745 | 3/4 | 92,749 | 3/4 | 104,753 | 3/4 | 116,757 |

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1428"

3 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 | 117,007 | 0 | 129,011 | 0 | 141,015 | 0 | 153,019 | 0 | 165,023 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 117,257 | 1/4 | 129,261 | 1/4 | 141,265 | 1/4 | 153,269 | 1/4 | 165,273 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 117,507 | 1/2 | 129,511 | 1/2 | 141,515 | 1/2 | 153,519 | 1/2 | 165,523 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 117,757 | 3/4 | 129,761 | 3/4 | 141,765 | 3/4 | 153,769 | 3/4 | 165,773 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 118,007 | 1 | 130,011 | 1 | 142,015 | 1 | 154,019 | 1 | 166,023 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 118,257 | 1/4 | 130,261 | 1/4 | 142,265 | 1/4 | 154,269 | 1/4 | 166,273 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 118,508 | 1/2 | 130,511 | 1/2 | 142,515 | 1/2 | 154,519 | 1/2 | 166,523 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 118,758 | 3/4 | 130,762 | 3/4 | 142,765 | 3/4 | 154,769 | 3/4 | 166,773 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 119,008 | 2 | 131,012 | 2 | 143,016 | 2 | 155,019 | 2 | 167,023 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 119,258 | 1/4 | 131,262 | 1/4 | 143,266 | 1/4 | 155,270 | 1/4 | 167,273 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 119,508 | 1/2 | 131,512 | 1/2 | 143,516 | 1/2 | 155,520 | 1/2 | 167,524 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 119,758 | 3/4 | 131,762 | 3/4 | 143,766 | 3/4 | 155,770 | 3/4 | 167,774 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 120,008 | 3 | 132,012 | 3 | 144,016 | 3 | 156,020 | 3 | 168,024 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 120,258 | 1/4 | 132,262 | 1/4 | 144,266 | 1/4 | 156,270 | 1/4 | 168,253 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 120,508 | 1/2 | 132,512 | 1/2 | 144,516 | 1/2 | 156,520 | 1/2 | 168,482 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 120,758 | 3/4 | 132,762 | 3/4 | 144,766 | 3/4 | 156,770 | 3/4 | 168,711 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 121,008 | 4 | 133,012 | 4 | 145,016 | 4 | 157,020 | 4 | 168,941 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 121,258 | 1/4 | 133,262 | 1/4 | 145,266 | 1/4 | 157,270 | 1/4 | 169,128 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 121,508 | 1/2 | 133,512 | 1/2 | 145,516 | 1/2 | 157,520 | 1/2 | 169,316 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 121,759 | 3/4 | 133,763 | 3/4 | 145,766 | 3/4 | 157,770 | 3/4 | 169,503 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 122,009 | 5 | 134,013 | 5 | 146,017 | 5 | 158,020 | 5 | 169,691 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 122,259 | 1/4 | 134,263 | 1/4 | 146,267 | 1/4 | 158,271 | 1/4 | 169,837 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 122,509 | 1/2 | 134,513 | 1/2 | 146,517 | 1/2 | 158,521 | 1/2 | 169,983 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 122,759 | 3/4 | 134,763 | 3/4 | 146,767 | 3/4 | 158,771 | 3/4 | 170,129 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 123,009 | 6 | 135,013 | 6 | 147,017 | 6 | 159,021 | 6 | 170,274 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 123,259 | 1/4 | 135,263 | 1/4 | 147,267 | 1/4 | 159,271 | 1/4 | 170,379 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 123,509 | 1/2 | 135,513 | 1/2 | 147,517 | 1/2 | 159,521 | 1/2 | 170,483 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 123,759 | 3/4 | 135,763 | 3/4 | 147,767 | 3/4 | 159,771 | 3/4 | 170,587 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 124,009 | 7 | 136,013 | 7 | 148,017 | 7 | 160,021 | 7 | 170,691 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 124,259 | 1/4 | 136,263 | 1/4 | 148,267 | 1/4 | 160,271 | 1/4 | 170,754 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 124,509 | 1/2 | 136,513 | 1/2 | 148,517 | 1/2 | 160,521 | 1/2 | 170,816 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 124,760 | 3/4 | 136,763 | 3/4 | 148,767 | 3/4 | 160,771 | 3/4 | 170,879 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 125,010 | 8 | 137,014 | 8 | 149,017 | 8 | 161,021 | 8 | 170,941 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 125,260 | 1/4 | 137,264 | 1/4 | 149,268 | 1/4 | 161,272 | 1/4 | 170,962 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 125,510 | 1/2 | 137,514 | 1/2 | 149,518 | 1/2 | 161,522 | 1/2 | 170,983 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 125,760 | 3/4 | 137,764 | 3/4 | 149,768 | 3/4 | 161,772 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 126,010 | 9 | 138,014 | 9 | 150,018 | 9 | 162,022 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 126,260 | 1/4 | 138,264 | 1/4 | 150,268 | 1/4 | 162,272 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 126,510 | 1/2 | 138,514 | 1/2 | 150,518 | 1/2 | 162,522 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 126,760 | 3/4 | 138,764 | 3/4 | 150,768 | 3/4 | 162,772 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 127,010 | 10 | 139,014 | 10 | 151,018 | 10 | 163,022 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 127,260 | 1/4 | 139,264 | 1/4 | 151,268 | 1/4 | 163,272 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 127,510 | 1/2 | 139,514 | 1/2 | 151,518 | 1/2 | 163,522 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 127,761 | 3/4 | 139,764 | 3/4 | 151,768 | 3/4 | 163,772 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 128,011 | 11 | 140,015 | 11 | 152,018 | 11 | 164,022 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 128,261 | 1/4 | 140,265 | 1/4 | 152,269 | 1/4 | 164,272 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 128,511 | 1/2 | 140,515 | 1/2 | 152,519 | 1/2 | 164,523 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 128,761 | 3/4 | 140,765 | 3/4 | 152,769 | 3/4 | 164,773 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021



BARGE "CBC 1428"

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 | - 00-3/8 | 00-3/8 | - 00-3/4 | 00-3/4 | - 01-1/8 | 01-1/8 | - 01-1/2 | 01-1/2 | - 01-7/8 | 01-7/8 | - 02-1/4 | 02-1/4 |
| 2 CENTER | 00-1/8 | - 00-1/8 | 00-3/8 | - 00-3/8 | 00-1/2 | - 00-1/2 | 00-3/4 | - 00-3/4 | 00-7/8 | - 00-7/8 | 01-1/8 | - 01-1/8 |
| 3 CENTER | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 |

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

LENGTH BETWEEN DRAFT MARKS: 180'-09"

February 22, 2021

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1428"

1 CENTER ULLAGE 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 | | 0 | | 0 | 151,466 | 0 | 144,054 | 0 | 135,932 | 0 | 127,810 | 0 | 119,697 | 0 | 109,067 | 0 | 97,478 | 0 | 85,889 |
| 1/4 | | 1/4 | | 1/4 | 151,446 | 1/4 | 143,885 | 1/4 | 135,763 | 1/4 | 127,641 | 1/4 | 119,528 | 1/4 | 108,826 | 1/4 | 97,237 | 1/4 | 85,648 |
| 1/2 | | 1/2 | | 1/2 | 151,385 | 1/2 | 143,716 | 1/2 | 135,594 | 1/2 | 127,472 | 1/2 | 119,359 | 1/2 | 108,584 | 1/2 | 96,995 | 1/2 | 85,406 |
| 3/4 | | 3/4 | | 3/4 | 151,325 | 3/4 | 143,547 | 3/4 | 135,425 | 3/4 | 127,303 | 3/4 | 119,191 | 3/4 | 108,343 | 3/4 | 96,754 | 3/4 | 85,165 |
| 1 | | 1 | | 1 | 151,264 | 1 | 143,378 | 1 | 135,256 | 1 | 127,133 | 1 | 119,022 | 1 | 108,101 | 1 | 96,512 | 1 | 84,923 |
| 1/4 | | 1/4 | | 1/4 | 151,204 | 1/4 | 143,208 | 1/4 | 135,086 | 1/4 | 126,964 | 1/4 | 118,853 | 1/4 | 107,860 | 1/4 | 96,271 | 1/4 | 84,682 |
| 1/2 | | 1/2 | | 1/2 | 151,103 | 1/2 | 143,039 | 1/2 | 134,917 | 1/2 | 126,795 | 1/2 | 118,685 | 1/2 | 107,619 | 1/2 | 96,030 | 1/2 | 84,440 |
| 3/4 | | 3/4 | | 3/4 | 151,002 | 3/4 | 142,870 | 3/4 | 134,748 | 3/4 | 126,626 | 3/4 | 118,516 | 3/4 | 107,377 | 3/4 | 95,788 | 3/4 | 84,199 |
| 2 | | 2 | | 2 | 150,901 | 2 | 142,701 | 2 | 134,579 | 2 | 126,457 | 2 | 118,348 | 2 | 107,136 | 2 | 95,547 | 2 | 83,957 |
| 1/4 | | 1/4 | | 1/4 | 150,801 | 1/4 | 142,532 | 1/4 | 134,409 | 1/4 | 126,287 | 1/4 | 118,179 | 1/4 | 106,894 | 1/4 | 95,305 | 1/4 | 83,716 |
| 1/2 | | 1/2 | | 1/2 | 150,659 | 1/2 | 142,362 | 1/2 | 134,240 | 1/2 | 126,118 | 1/2 | 118,011 | 1/2 | 106,653 | 1/2 | 95,064 | 1/2 | 83,475 |
| 3/4 | | 3/4 | | 3/4 | 150,518 | 3/4 | 142,193 | 3/4 | 134,071 | 3/4 | 125,949 | 3/4 | 117,843 | 3/4 | 106,411 | 3/4 | 94,822 | 3/4 | 83,233 |
| 3 | | 3 | | 3 | 150,377 | 3 | 142,024 | 3 | 133,902 | 3 | 125,780 | 3 | 117,674 | 3 | 106,170 | 3 | 94,581 | 3 | 82,992 |
| 1/4 | | 1/4 | | 1/4 | 150,236 | 1/4 | 141,855 | 1/4 | 133,733 | 1/4 | 125,611 | 1/4 | 117,506 | 1/4 | 105,928 | 1/4 | 94,339 | 1/4 | 82,750 |
| 1/2 | | 1/2 | | 1/2 | 150,055 | 1/2 | 141,686 | 1/2 | 133,563 | 1/2 | 125,441 | 1/2 | 117,265 | 1/2 | 105,687 | 1/2 | 94,098 | 1/2 | 82,510 |
| 3/4 | | 3/4 | | 3/4 | 149,873 | 3/4 | 141,516 | 3/4 | 133,394 | 3/4 | 125,272 | 3/4 | 117,025 | 3/4 | 105,446 | 3/4 | 93,857 | 3/4 | 82,269 |
| 4 | | 4 | | 4 | 149,692 | 4 | 141,347 | 4 | 133,225 | 4 | 125,103 | 4 | 116,784 | 4 | 105,204 | 4 | 93,615 | 4 | 82,028 |
| 1/4 | | 1/4 | | 1/4 | 149,510 | 1/4 | 141,178 | 1/4 | 133,056 | 1/4 | 124,934 | 1/4 | 116,543 | 1/4 | 104,963 | 1/4 | 93,374 | 1/4 | 81,787 |
| 1/2 | | 1/2 | | 1/2 | 149,288 | 1/2 | 141,009 | 1/2 | 132,887 | 1/2 | 124,764 | 1/2 | 116,302 | 1/2 | 104,721 | 1/2 | 93,132 | 1/2 | 81,547 |
| 3/4 | | 3/4 | | 3/4 | 149,067 | 3/4 | 140,839 | 3/4 | 132,717 | 3/4 | 124,595 | 3/4 | 116,061 | 3/4 | 104,480 | 3/4 | 92,891 | 3/4 | 81,308 |
| 5 | | 5 | | 5 | 148,845 | 5 | 140,670 | 5 | 132,548 | 5 | 124,426 | 5 | 115,820 | 5 | 104,238 | 5 | 92,649 | 5 | 81,068 |
| 1/4 | | 1/4 | | 1/4 | 148,623 | 1/4 | 140,501 | 1/4 | 132,379 | 1/4 | 124,257 | 1/4 | 115,579 | 1/4 | 103,997 | 1/4 | 92,408 | 1/4 | 80,828 |
| 1/2 | | 1/2 | | 1/2 | 148,454 | 1/2 | 140,332 | 1/2 | 132,210 | 1/2 | 124,088 | 1/2 | 115,338 | 1/2 | 103,756 | 1/2 | 92,167 | 1/2 | 80,588 |
| 3/4 | | 3/4 | | 3/4 | 148,285 | 3/4 | 140,163 | 3/4 | 132,041 | 3/4 | 123,918 | 3/4 | 115,098 | 3/4 | 103,514 | 3/4 | 91,925 | 3/4 | 80,348 |
| 6 | | 6 | | 6 | 148,115 | 6 | 139,993 | 6 | 131,871 | 6 | 123,749 | 6 | 114,857 | 6 | 103,273 | 6 | 91,684 | 6 | 80,108 |
| 1/4 | | 1/4 | | 1/4 | 147,946 | 1/4 | 139,824 | 1/4 | 131,702 | 1/4 | 123,580 | 1/4 | 114,616 | 1/4 | 103,031 | 1/4 | 91,442 | 1/4 | 79,868 |
| 1/2 | | 1/2 | | 1/2 | 147,777 | 1/2 | 139,655 | 1/2 | 131,533 | 1/2 | 123,411 | 1/2 | 114,375 | 1/2 | 102,790 | 1/2 | 91,201 | 1/2 | 79,628 |
| 3/4 | | 3/4 | | 3/4 | 147,608 | 3/4 | 139,486 | 3/4 | 131,364 | 3/4 | 123,242 | 3/4 | 114,134 | 3/4 | 102,548 | 3/4 | 90,959 | 3/4 | 79,388 |
| 7 | | 7 | | 7 | 147,439 | 7 | 139,317 | 7 | 131,194 | 7 | 123,072 | 7 | 113,893 | 7 | 102,307 | 7 | 90,718 | 7 | 79,148 |
| 1/4 | | 1/4 | | 1/4 | 147,269 | 1/4 | 139,147 | 1/4 | 131,025 | 1/4 | 122,903 | 1/4 | 113,652 | 1/4 | 102,065 | 1/4 | 90,476 | 1/4 | 78,908 |
| 1/2 | | 1/2 | | 1/2 | 147,100 | 1/2 | 138,978 | 1/2 | 130,856 | 1/2 | 122,734 | 1/2 | 113,411 | 1/2 | 101,824 | 1/2 | 90,235 | 1/2 | 78,668 |
| 3/4 | | 3/4 | | 3/4 | 146,931 | 3/4 | 138,809 | 3/4 | 130,687 | 3/4 | 122,565 | 3/4 | 113,171 | 3/4 | 101,583 | 3/4 | 89,994 | 3/4 | 78,428 |
| 8 | | 8 | | 8 | 146,762 | 8 | 138,640 | 8 | 130,518 | 8 | 122,396 | 8 | 112,930 | 8 | 101,341 | 8 | 89,752 | 8 | 78,188 |
| 1/4 | | 1/4 | | 1/4 | 146,593 | 1/4 | 138,471 | 1/4 | 130,348 | 1/4 | 122,226 | 1/4 | 112,689 | 1/4 | 101,100 | 1/4 | 89,511 | 1/4 | 77,948 |
| 1/2 | | 1/2 | | 1/2 | 146,423 | 1/2 | 138,301 | 1/2 | 130,179 | 1/2 | 122,058 | 1/2 | 112,447 | 1/2 | 100,858 | 1/2 | 89,269 | 1/2 | 77,708 |
| 3/4 | | 3/4 | | 3/4 | 146,254 | 3/4 | 138,132 | 3/4 | 130,010 | 3/4 | 121,889 | 3/4 | 112,206 | 3/4 | 100,617 | 3/4 | 89,028 | 3/4 | 77,468 |
| 9 | | 9 | | 9 | 146,085 | 9 | 137,963 | 9 | 129,841 | 9 | 121,720 | 9 | 111,964 | 9 | 100,375 | 9 | 88,786 | 9 | 77,228 |
| 1/4 | | 1/4 | | 1/4 | 145,916 | 1/4 | 137,794 | 1/4 | 129,672 | 1/4 | 121,552 | 1/4 | 111,723 | 1/4 | 100,134 | 1/4 | 88,545 | 1/4 | 76,988 |
| 1/2 | | 1/2 | | 1/2 | 145,747 | 1/2 | 137,624 | 1/2 | 129,502 | 1/2 | 121,383 | 1/2 | 111,482 | 1/2 | 99,893 | 1/2 | 88,304 | 1/2 | 76,748 |
| 3/4 | | 3/4 | | 3/4 | 145,577 | 3/4 | 137,455 | 3/4 | 129,333 | 3/4 | 121,214 | 3/4 | 111,240 | 3/4 | 99,651 | 3/4 | 88,062 | 3/4 | 76,508 |
| 10 | | 10 | | 10 | 145,408 | 10 | 137,286 | 10 | 129,164 | 10 | 121,046 | 10 | 110,999 | 10 | 99,410 | 10 | 87,821 | 10 | 76,268 |
| 1/4 | | 1/4 | | 1/4 | 145,239 | 1/4 | 137,117 | 1/4 | 128,995 | 1/4 | 120,877 | 1/4 | 110,757 | 1/4 | 99,168 | 1/4 | 87,579 | 1/4 | 76,028 |
| 1/2 | | 1/2 | | 1/2 | 145,070 | 1/2 | 136,948 | 1/2 | 128,826 | 1/2 | 120,709 | 1/2 | 110,516 | 1/2 | 98,927 | 1/2 | 87,338 | 1/2 | 75,788 |
| 3/4 | | 3/4 | | 3/4 | 144,901 | 3/4 | 136,778 | 3/4 | 128,656 | 3/4 | 120,540 | 3/4 | 110,274 | 3/4 | 98,685 | 3/4 | 87,096 | 3/4 | 75,548 |
| 11 | | 11 | | 11 | 144,731 | 11 | 136,609 | 11 | 128,487 | 11 | 120,371 | 11 | 110,033 | 11 | 98,444 | 11 | 86,855 | 11 | 75,308 |
| 1/4 | | 1/4 | | 1/4 | 144,562 | 1/4 | 136,440 | 1/4 | 128,318 | 1/4 | 120,203 | 1/4 | 109,791 | 1/4 | 98,202 | 1/4 | 86,613 | 1/4 | 75,068 |
| 1/2 | | 1/2 | | 1/2 | 144,393 | 1/2 | 136,271 | 1/2 | 128,149 | 1/2 | 120,034 | 1/2 | 109,550 | 1/2 | 97,961 | 1/2 | 86,372 | 1/2 | 74,827 |
| 3/4 | | 3/4 | | 3/4 | 151,486 | 3/4 | 144,224 | 3/4 | 136,102 | 3/4 | 127,979 | 3/4 | 119,865 | 3/4 | 109,309 | 3/4 | 97,720 | 3/4 | 74,586 |

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.

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 1428"

1 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 | 74,345 | 0 | 62,766 | 0 | 51,182 | 0 | 39,597 | 0 | 28,235 | 0 | 16,689 | 0 | 5,085 | 0 | | 0 | | 0 | |
| 1/4 | 74,105 | 1/4 | 62,525 | 1/4 | 50,940 | 1/4 | 39,356 | 1/4 | 28,001 | 1/4 | 16,447 | 1/4 | 4,844 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 73,864 | 1/2 | 62,283 | 1/2 | 50,699 | 1/2 | 39,114 | 1/2 | 27,766 | 1/2 | 16,205 | 1/2 | 4,605 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 73,623 | 3/4 | 62,042 | 3/4 | 50,458 | 3/4 | 38,873 | 3/4 | 27,532 | 3/4 | 15,963 | 3/4 | 4,366 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 1 | 73,382 | 1 | 61,801 | 1 | 50,216 | 1 | 38,632 | 1 | 27,297 | 1 | 15,721 | 1 | 4,127 | 1 | 1 | | 1 | | 1 |
| 1/4 | 73,142 | 1/4 | 61,559 | 1/4 | 49,975 | 1/4 | 38,390 | 1/4 | 27,062 | 1/4 | 15,479 | 1/4 | 3,887 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 72,901 | 1/2 | 61,318 | 1/2 | 49,734 | 1/2 | 38,149 | 1/2 | 26,828 | 1/2 | 15,238 | 1/2 | 3,650 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 72,660 | 3/4 | 61,077 | 3/4 | 49,492 | 3/4 | 37,908 | 3/4 | 26,593 | 3/4 | 14,996 | 3/4 | 3,413 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 2 | 72,419 | 2 | 60,835 | 2 | 49,251 | 2 | 37,666 | 2 | 26,359 | 2 | 14,754 | 2 | 3,176 | 2 | 2 | | 2 | | 2 |
| 1/4 | 72,179 | 1/4 | 60,594 | 1/4 | 49,009 | 1/4 | 37,425 | 1/4 | 26,124 | 1/4 | 14,512 | 1/4 | 2,939 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 71,937 | 1/2 | 60,353 | 1/2 | 48,768 | 1/2 | 37,184 | 1/2 | 25,882 | 1/2 | 14,270 | 1/2 | 2,718 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 71,696 | 3/4 | 60,111 | 3/4 | 48,527 | 3/4 | 36,942 | 3/4 | 25,640 | 3/4 | 14,028 | 3/4 | 2,497 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 3 | 71,454 | 3 | 59,870 | 3 | 48,285 | 3 | 36,701 | 3 | 25,398 | 3 | 13,786 | 3 | 2,276 | 3 | 3 | | 3 | | 3 |
| 1/4 | 71,213 | 1/4 | 59,629 | 1/4 | 48,044 | 1/4 | 36,460 | 1/4 | 25,157 | 1/4 | 13,544 | 1/4 | 2,055 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 70,972 | 1/2 | 59,387 | 1/2 | 47,803 | 1/2 | 36,218 | 1/2 | 24,915 | 1/2 | 13,302 | 1/2 | 1,873 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 70,730 | 3/4 | 59,146 | 3/4 | 47,561 | 3/4 | 35,977 | 3/4 | 24,673 | 3/4 | 13,060 | 3/4 | 1,692 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 4 | 70,489 | 4 | 58,905 | 4 | 47,320 | 4 | 35,736 | 4 | 24,431 | 4 | 12,818 | 4 | 1,510 | 4 | 4 | | 4 | | 4 |
| 1/4 | 70,248 | 1/4 | 58,663 | 1/4 | 47,079 | 1/4 | 35,494 | 1/4 | 24,189 | 1/4 | 12,576 | 1/4 | 1,329 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 70,006 | 1/2 | 58,422 | 1/2 | 46,837 | 1/2 | 35,260 | 1/2 | 23,947 | 1/2 | 12,334 | 1/2 | 1,188 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 69,765 | 3/4 | 58,181 | 3/4 | 46,596 | 3/4 | 35,026 | 3/4 | 23,705 | 3/4 | 12,093 | 3/4 | 1,047 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 5 | 69,524 | 5 | 57,939 | 5 | 46,355 | 5 | 34,792 | 5 | 23,463 | 5 | 11,851 | 5 | 906 | 5 | 5 | | 5 | | 5 |
| 1/4 | 69,282 | 1/4 | 57,698 | 1/4 | 46,113 | 1/4 | 34,558 | 1/4 | 23,221 | 1/4 | 11,609 | 1/4 | 765 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 69,041 | 1/2 | 57,457 | 1/2 | 45,872 | 1/2 | 34,323 | 1/2 | 22,979 | 1/2 | 11,367 | 1/2 | 664 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 68,800 | 3/4 | 57,215 | 3/4 | 45,631 | 3/4 | 34,089 | 3/4 | 22,737 | 3/4 | 11,125 | 3/4 | 563 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 6 | 68,558 | 6 | 56,974 | 6 | 45,389 | 6 | 33,855 | 6 | 22,495 | 6 | 10,883 | 6 | 462 | 6 | 6 | | 6 | | 6 |
| 1/4 | 68,317 | 1/4 | 56,733 | 1/4 | 45,148 | 1/4 | 33,621 | 1/4 | 22,253 | 1/4 | 10,641 | 1/4 | 361 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 68,076 | 1/2 | 56,491 | 1/2 | 44,907 | 1/2 | 33,387 | 1/2 | 22,012 | 1/2 | 10,399 | 1/2 | 301 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 67,834 | 3/4 | 56,250 | 3/4 | 44,665 | 3/4 | 33,152 | 3/4 | 21,770 | 3/4 | 10,157 | 3/4 | 240 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 7 | 67,593 | 7 | 56,008 | 7 | 44,424 | 7 | 32,918 | 7 | 21,528 | 7 | 9,915 | 7 | 180 | 7 | 7 | | 7 | | 7 |
| 1/4 | 67,352 | 1/4 | 55,767 | 1/4 | 44,183 | 1/4 | 32,684 | 1/4 | 21,286 | 1/4 | 9,673 | 1/4 | 120 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 67,110 | 1/2 | 55,526 | 1/2 | 43,941 | 1/2 | 32,450 | 1/2 | 21,044 | 1/2 | 9,431 | 1/2 | 99 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 66,869 | 3/4 | 55,284 | 3/4 | 43,700 | 3/4 | 32,216 | 3/4 | 20,802 | 3/4 | 9,189 | 3/4 | 79 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 8 | 66,628 | 8 | 55,043 | 8 | 43,459 | 8 | 31,982 | 8 | 20,560 | 8 | 8,947 | 8 | 59 | 8 | 8 | | 8 | | 8 |
| 1/4 | 66,386 | 1/4 | 54,802 | 1/4 | 43,217 | 1/4 | 31,747 | 1/4 | 20,318 | 1/4 | 8,706 | 1/4 | 39 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 66,145 | 1/2 | 54,560 | 1/2 | 42,976 | 1/2 | 31,513 | 1/2 | 20,076 | 1/2 | 8,464 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 65,904 | 3/4 | 54,319 | 3/4 | 42,735 | 3/4 | 31,279 | 3/4 | 19,834 | 3/4 | 8,222 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 9 | 65,662 | 9 | 54,078 | 9 | 42,493 | 9 | 31,045 | 9 | 19,592 | 9 | 7,980 | 9 | | 9 | 9 | | 9 | | 9 |
| 1/4 | 65,421 | 1/4 | 53,836 | 1/4 | 42,252 | 1/4 | 30,811 | 1/4 | 19,350 | 1/4 | 7,738 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 65,180 | 1/2 | 53,595 | 1/2 | 42,011 | 1/2 | 30,577 | 1/2 | 19,108 | 1/2 | 7,496 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 64,938 | 3/4 | 53,354 | 3/4 | 41,769 | 3/4 | 30,342 | 3/4 | 18,866 | 3/4 | 7,255 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 10 | 64,697 | 10 | 53,112 | 10 | 41,528 | 10 | 30,108 | 10 | 18,625 | 10 | 7,013 | 10 | | 10 | 10 | | 10 | | 10 |
| 1/4 | 64,456 | 1/4 | 52,871 | 1/4 | 41,286 | 1/4 | 29,874 | 1/4 | 18,383 | 1/4 | 6,771 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 64,214 | 1/2 | 52,630 | 1/2 | 41,045 | 1/2 | 29,640 | 1/2 | 18,141 | 1/2 | 6,530 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 63,973 | 3/4 | 52,388 | 3/4 | 40,804 | 3/4 | 29,406 | 3/4 | 17,899 | 3/4 | 6,289 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 11 | 63,731 | 11 | 52,147 | 11 | 40,562 | 11 | 29,172 | 11 | 17,657 | 11 | 6,047 | 11 | | 11 | 11 | | 11 | | 11 |
| 1/4 | 63,490 | 1/4 | 51,906 | 1/4 | 40,321 | 1/4 | 28,937 | 1/4 | 17,415 | 1/4 | 5,806 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 63,249 | 1/2 | 51,664 | 1/2 | 40,080 | 1/2 | 28,703 | 1/2 | 17,173 | 1/2 | 5,566 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 63,007 | 3/4 | 51,423 | 3/4 | 39,838 | 3/4 | 28,469 | 3/4 | 16,931 | 3/4 | 5,325 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021



BARGE "CBC 1428"

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 | 191,170 | 0 | 180,316 | 0 | 166,873 | 0 | 153,429 | 0 | 139,985 | 0 | 126,541 | 0 | 113,097 | 0 | 99,653 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 191,146 | 1/4 | 180,036 | 1/4 | 166,592 | 1/4 | 153,148 | 1/4 | 139,704 | 1/4 | 126,260 | 1/4 | 112,816 | 1/4 | 99,373 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 191,076 | 1/2 | 179,756 | 1/2 | 166,312 | 1/2 | 152,868 | 1/2 | 139,424 | 1/2 | 125,980 | 1/2 | 112,536 | 1/2 | 99,092 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 191,006 | 3/4 | 179,476 | 3/4 | 166,032 | 3/4 | 152,588 | 3/4 | 139,144 | 3/4 | 125,700 | 3/4 | 112,256 | 3/4 | 98,812 | |
| 1 | 1 | 1 | 1 | 190,936 | 1 | 179,196 | 1 | 165,752 | 1 | 152,308 | 1 | 138,864 | 1 | 125,420 | 1 | 111,976 | 1 | 98,532 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 190,866 | 1/4 | 178,916 | 1/4 | 165,472 | 1/4 | 152,028 | 1/4 | 138,584 | 1/4 | 125,140 | 1/4 | 111,696 | 1/4 | 98,252 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 190,750 | 1/2 | 178,636 | 1/2 | 165,192 | 1/2 | 151,748 | 1/2 | 138,304 | 1/2 | 124,860 | 1/2 | 111,416 | 1/2 | 97,972 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 190,633 | 3/4 | 178,356 | 3/4 | 164,912 | 3/4 | 151,468 | 3/4 | 138,024 | 3/4 | 124,580 | 3/4 | 111,136 | 3/4 | 97,692 | |
| 2 | 2 | 2 | 2 | 190,516 | 2 | 178,076 | 2 | 164,632 | 2 | 151,188 | 2 | 137,744 | 2 | 124,300 | 2 | 110,856 | 2 | 97,412 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 190,399 | 1/4 | 177,796 | 1/4 | 164,352 | 1/4 | 150,908 | 1/4 | 137,464 | 1/4 | 124,020 | 1/4 | 110,576 | 1/4 | 97,132 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 190,236 | 1/2 | 177,516 | 1/2 | 164,072 | 1/2 | 150,628 | 1/2 | 137,184 | 1/2 | 123,740 | 1/2 | 110,296 | 1/2 | 96,852 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 190,073 | 3/4 | 177,236 | 3/4 | 163,792 | 3/4 | 150,348 | 3/4 | 136,904 | 3/4 | 123,460 | 3/4 | 110,016 | 3/4 | 96,572 | |
| 3 | 3 | 3 | 3 | 189,909 | 3 | 176,956 | 3 | 163,512 | 3 | 150,068 | 3 | 136,624 | 3 | 123,180 | 3 | 109,736 | 3 | 96,292 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 189,746 | 1/4 | 176,675 | 1/4 | 163,231 | 1/4 | 149,787 | 1/4 | 136,343 | 1/4 | 122,899 | 1/4 | 109,455 | 1/4 | 96,012 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 189,536 | 1/2 | 176,395 | 1/2 | 162,951 | 1/2 | 149,507 | 1/2 | 136,063 | 1/2 | 122,619 | 1/2 | 109,175 | 1/2 | 95,731 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 189,326 | 3/4 | 176,115 | 3/4 | 162,671 | 3/4 | 149,227 | 3/4 | 135,783 | 3/4 | 122,339 | 3/4 | 108,895 | 3/4 | 95,451 | |
| 4 | 4 | 4 | 4 | 189,116 | 4 | 175,835 | 4 | 162,391 | 4 | 148,947 | 4 | 135,503 | 4 | 122,059 | 4 | 108,615 | 4 | 95,171 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 188,906 | 1/4 | 175,555 | 1/4 | 162,111 | 1/4 | 148,667 | 1/4 | 135,223 | 1/4 | 121,779 | 1/4 | 108,335 | 1/4 | 94,891 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 188,649 | 1/2 | 175,275 | 1/2 | 161,831 | 1/2 | 148,387 | 1/2 | 134,943 | 1/2 | 121,499 | 1/2 | 108,055 | 1/2 | 94,611 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 188,392 | 3/4 | 174,995 | 3/4 | 161,551 | 3/4 | 148,107 | 3/4 | 134,663 | 3/4 | 121,219 | 3/4 | 107,775 | 3/4 | 94,331 | |
| 5 | 5 | 5 | 5 | 188,135 | 5 | 174,715 | 5 | 161,271 | 5 | 147,827 | 5 | 134,383 | 5 | 120,939 | 5 | 107,495 | 5 | 94,051 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 188,779 | 1/4 | 174,435 | 1/4 | 160,991 | 1/4 | 147,547 | 1/4 | 134,103 | 1/4 | 120,659 | 1/4 | 107,215 | 1/4 | 93,771 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 187,599 | 1/2 | 174,155 | 1/2 | 160,711 | 1/2 | 147,267 | 1/2 | 133,823 | 1/2 | 120,379 | 1/2 | 106,935 | 1/2 | 93,491 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 187,319 | 3/4 | 173,875 | 3/4 | 160,431 | 3/4 | 146,987 | 3/4 | 133,543 | 3/4 | 120,099 | 3/4 | 106,655 | 3/4 | 93,211 | |
| 6 | 6 | 6 | 6 | 187,038 | 6 | 173,595 | 6 | 160,151 | 6 | 146,707 | 6 | 133,263 | 6 | 119,819 | 6 | 106,375 | 6 | 92,931 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 186,758 | 1/4 | 173,314 | 1/4 | 159,870 | 1/4 | 146,426 | 1/4 | 132,982 | 1/4 | 119,538 | 1/4 | 106,095 | 1/4 | 92,651 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 186,478 | 1/2 | 173,034 | 1/2 | 159,590 | 1/2 | 146,146 | 1/2 | 132,702 | 1/2 | 119,258 | 1/2 | 105,814 | 1/2 | 92,370 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 186,198 | 3/4 | 172,754 | 3/4 | 159,310 | 3/4 | 145,866 | 3/4 | 132,422 | 3/4 | 118,978 | 3/4 | 105,534 | 3/4 | 92,090 | |
| 7 | 7 | 7 | 7 | 185,918 | 7 | 172,474 | 7 | 159,030 | 7 | 145,586 | 7 | 132,142 | 7 | 118,698 | 7 | 105,254 | 7 | 91,810 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 185,638 | 1/4 | 172,194 | 1/4 | 158,750 | 1/4 | 145,306 | 1/4 | 131,862 | 1/4 | 118,418 | 1/4 | 104,974 | 1/4 | 91,530 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 185,358 | 1/2 | 171,914 | 1/2 | 158,470 | 1/2 | 145,026 | 1/2 | 131,582 | 1/2 | 118,138 | 1/2 | 104,694 | 1/2 | 91,250 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 185,078 | 3/4 | 171,634 | 3/4 | 158,190 | 3/4 | 144,746 | 3/4 | 131,302 | 3/4 | 117,858 | 3/4 | 104,414 | 3/4 | 90,970 | |
| 8 | 8 | 8 | 8 | 184,798 | 8 | 171,354 | 8 | 157,910 | 8 | 144,466 | 8 | 131,022 | 8 | 117,578 | 8 | 104,134 | 8 | 90,690 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 184,518 | 1/4 | 171,074 | 1/4 | 157,630 | 1/4 | 144,186 | 1/4 | 130,742 | 1/4 | 117,298 | 1/4 | 103,854 | 1/4 | 90,410 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 184,238 | 1/2 | 170,794 | 1/2 | 157,350 | 1/2 | 143,906 | 1/2 | 130,462 | 1/2 | 117,018 | 1/2 | 103,574 | 1/2 | 90,130 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 183,958 | 3/4 | 170,514 | 3/4 | 157,070 | 3/4 | 143,626 | 3/4 | 130,182 | 3/4 | 116,738 | 3/4 | 103,294 | 3/4 | 89,850 | |
| 9 | 9 | 9 | 9 | 183,677 | 9 | 170,234 | 9 | 156,790 | 9 | 143,346 | 9 | 129,902 | 9 | 116,458 | 9 | 103,014 | 9 | 89,570 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 183,397 | 1/4 | 169,953 | 1/4 | 156,509 | 1/4 | 143,065 | 1/4 | 129,621 | 1/4 | 116,177 | 1/4 | 102,734 | 1/4 | 89,290 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 183,117 | 1/2 | 169,673 | 1/2 | 156,229 | 1/2 | 142,785 | 1/2 | 129,341 | 1/2 | 115,897 | 1/2 | 102,453 | 1/2 | 89,009 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 182,837 | 3/4 | 169,393 | 3/4 | 155,949 | 3/4 | 142,505 | 3/4 | 129,061 | 3/4 | 115,617 | 3/4 | 102,173 | 3/4 | 88,729 | |
| 10 | 10 | 10 | 10 | 182,557 | 10 | 169,113 | 10 | 155,669 | 10 | 142,225 | 10 | 128,781 | 10 | 115,337 | 10 | 101,893 | 10 | 88,449 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 182,277 | 1/4 | 168,833 | 1/4 | 155,389 | 1/4 | 141,945 | 1/4 | 128,501 | 1/4 | 115,057 | 1/4 | 101,613 | 1/4 | 88,169 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 181,997 | 1/2 | 168,553 | 1/2 | 155,109 | 1/2 | 141,665 | 1/2 | 128,221 | 1/2 | 114,777 | 1/2 | 101,333 | 1/2 | 87,889 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 181,717 | 3/4 | 168,273 | 3/4 | 154,829 | 3/4 | 141,385 | 3/4 | 127,941 | 3/4 | 114,497 | 3/4 | 101,053 | 3/4 | 87,609 | |
| 11 | 11 | 11 | 11 | 181,437 | 11 | 167,993 | 11 | 154,549 | 11 | 141,105 | 11 | 127,661 | 11 | 114,217 | 11 | 100,773 | 11 | 87,329 | |
| 1/4 | 1/4 | 1/4 | 1/4 | 181,157 | 1/4 | 167,713 | 1/4 | 154,269 | 1/4 | 140,825 | 1/4 | 127,381 | 1/4 | 113,937 | 1/4 | 100,493 | 1/4 | 87,049 | |
| 1/2 | 1/2 | 1/2 | 1/2 | 180,877 | 1/2 | 167,433 | 1/2 | 153,989 | 1/2 | 140,545 | 1/2 | 127,101 | 1/2 | 113,657 | 1/2 | 100,213 | 1/2 | 86,769 | |
| 3/4 | 3/4 | 3/4 | 3/4 | 191,193 | 3/4 | 180,597 | 3/4 | 167,153 | 3/4 | 153,709 | 3/4 | 140,265 | 3/4 | 113,377 | 3/4 | 99,933 | 3/4 | 86,489 | |

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 36'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 1428"

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 | 86,209 | 0 | 72,765 | 0 | 59,321 | 0 | 45,877 | 0 | 32,719 | 0 | 19,315 | 0 | 5,881 | 0 | | 0 | | 0 | |
| 1/4 | 85,929 | 1/4 | 72,485 | 1/4 | 59,041 | 1/4 | 45,597 | 1/4 | 32,447 | 1/4 | 19,035 | 1/4 | 5,603 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 85,648 | 1/2 | 72,204 | 1/2 | 58,760 | 1/2 | 45,316 | 1/2 | 32,175 | 1/2 | 18,755 | 1/2 | 5,326 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 85,368 | 3/4 | 71,924 | 3/4 | 58,480 | 3/4 | 45,036 | 3/4 | 31,903 | 3/4 | 18,475 | 3/4 | 5,049 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 85,088 | 1 | 71,644 | 1 | 58,200 | 1 | 44,756 | 1 | 31,631 | 1 | 18,195 | 1 | 4,772 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 84,808 | 1/4 | 71,364 | 1/4 | 57,920 | 1/4 | 44,476 | 1/4 | 31,358 | 1/4 | 17,915 | 1/4 | 4,495 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 84,528 | 1/2 | 71,084 | 1/2 | 57,640 | 1/2 | 44,196 | 1/2 | 31,078 | 1/2 | 17,635 | 1/2 | 4,220 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 84,248 | 3/4 | 70,804 | 3/4 | 57,360 | 3/4 | 43,916 | 3/4 | 30,798 | 3/4 | 17,355 | 3/4 | 3,946 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 83,968 | 2 | 70,524 | 2 | 57,080 | 2 | 43,636 | 2 | 30,518 | 2 | 17,075 | 2 | 3,671 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 83,688 | 1/4 | 70,244 | 1/4 | 56,800 | 1/4 | 43,356 | 1/4 | 30,238 | 1/4 | 16,795 | 1/4 | 3,397 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 83,408 | 1/2 | 69,964 | 1/2 | 56,520 | 1/2 | 43,076 | 1/2 | 29,958 | 1/2 | 16,514 | 1/2 | 3,141 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 83,128 | 3/4 | 69,684 | 3/4 | 56,240 | 3/4 | 42,796 | 3/4 | 29,678 | 3/4 | 16,234 | 3/4 | 2,885 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 82,848 | 3 | 69,404 | 3 | 55,960 | 3 | 42,516 | 3 | 29,398 | 3 | 15,954 | 3 | 2,629 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 82,568 | 1/4 | 69,124 | 1/4 | 55,680 | 1/4 | 42,236 | 1/4 | 29,118 | 1/4 | 15,674 | 1/4 | 2,373 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 82,287 | 1/2 | 68,843 | 1/2 | 55,399 | 1/2 | 41,963 | 1/2 | 28,838 | 1/2 | 15,394 | 1/2 | 2,163 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 82,007 | 3/4 | 68,563 | 3/4 | 55,119 | 3/4 | 41,691 | 3/4 | 28,558 | 3/4 | 15,114 | 3/4 | 1,953 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 81,727 | 4 | 68,283 | 4 | 54,839 | 4 | 41,419 | 4 | 28,278 | 4 | 14,834 | 4 | 1,743 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 81,447 | 1/4 | 68,003 | 1/4 | 54,559 | 1/4 | 41,147 | 1/4 | 27,998 | 1/4 | 14,554 | 1/4 | 1,533 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 81,167 | 1/2 | 67,723 | 1/2 | 54,279 | 1/2 | 40,875 | 1/2 | 27,717 | 1/2 | 14,274 | 1/2 | 1,369 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 80,887 | 3/4 | 67,443 | 3/4 | 53,999 | 3/4 | 40,603 | 3/4 | 27,437 | 3/4 | 13,994 | 3/4 | 1,206 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 80,607 | 5 | 67,163 | 5 | 53,719 | 5 | 40,331 | 5 | 27,157 | 5 | 13,714 | 5 | 1,043 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 80,327 | 1/4 | 66,883 | 1/4 | 53,439 | 1/4 | 40,059 | 1/4 | 26,877 | 1/4 | 13,434 | 1/4 | 879 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 80,047 | 1/2 | 66,603 | 1/2 | 53,159 | 1/2 | 39,787 | 1/2 | 26,597 | 1/2 | 13,154 | 1/2 | 763 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,767 | 3/4 | 66,323 | 3/4 | 52,879 | 3/4 | 39,516 | 3/4 | 26,317 | 3/4 | 12,874 | 3/4 | 646 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 79,487 | 6 | 66,043 | 6 | 52,599 | 6 | 39,244 | 6 | 26,037 | 6 | 12,593 | 6 | 529 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 79,207 | 1/4 | 65,763 | 1/4 | 52,319 | 1/4 | 38,972 | 1/4 | 25,757 | 1/4 | 12,313 | 1/4 | 413 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 78,926 | 1/2 | 65,482 | 1/2 | 52,038 | 1/2 | 38,700 | 1/2 | 25,477 | 1/2 | 12,033 | 1/2 | 342 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 78,646 | 3/4 | 65,202 | 3/4 | 51,758 | 3/4 | 38,428 | 3/4 | 25,197 | 3/4 | 11,753 | 3/4 | 272 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 78,366 | 7 | 64,922 | 7 | 51,478 | 7 | 38,156 | 7 | 24,917 | 7 | 11,473 | 7 | 202 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 78,086 | 1/4 | 64,642 | 1/4 | 51,198 | 1/4 | 37,884 | 1/4 | 24,637 | 1/4 | 11,193 | 1/4 | 132 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 77,806 | 1/2 | 64,362 | 1/2 | 50,918 | 1/2 | 37,613 | 1/2 | 24,357 | 1/2 | 10,913 | 1/2 | 109 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 77,526 | 3/4 | 64,082 | 3/4 | 50,638 | 3/4 | 37,341 | 3/4 | 24,076 | 3/4 | 10,633 | 3/4 | 86 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 77,246 | 8 | 63,802 | 8 | 50,358 | 8 | 37,069 | 8 | 23,796 | 8 | 10,353 | 8 | 62 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 76,966 | 1/4 | 63,522 | 1/4 | 50,078 | 1/4 | 36,797 | 1/4 | 23,516 | 1/4 | 10,073 | 1/4 | 39 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,686 | 1/2 | 63,242 | 1/2 | 49,798 | 1/2 | 36,525 | 1/2 | 23,236 | 1/2 | 9,793 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,406 | 3/4 | 62,962 | 3/4 | 49,518 | 3/4 | 36,253 | 3/4 | 22,956 | 3/4 | 9,513 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 76,126 | 9 | 62,682 | 9 | 49,238 | 9 | 35,981 | 9 | 22,676 | 9 | 9,233 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 75,846 | 1/4 | 62,402 | 1/4 | 48,958 | 1/4 | 35,710 | 1/4 | 22,396 | 1/4 | 8,953 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,565 | 1/2 | 62,121 | 1/2 | 48,677 | 1/2 | 35,438 | 1/2 | 22,116 | 1/2 | 8,673 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,285 | 3/4 | 61,841 | 3/4 | 48,397 | 3/4 | 35,166 | 3/4 | 21,836 | 3/4 | 8,393 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 75,005 | 10 | 61,561 | 10 | 48,117 | 10 | 34,894 | 10 | 21,556 | 10 | 8,113 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 74,725 | 1/4 | 61,281 | 1/4 | 47,837 | 1/4 | 34,622 | 1/4 | 21,276 | 1/4 | 7,833 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,445 | 1/2 | 61,001 | 1/2 | 47,557 | 1/2 | 34,350 | 1/2 | 20,996 | 1/2 | 7,554 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,165 | 3/4 | 60,721 | 3/4 | 47,277 | 3/4 | 34,078 | 3/4 | 20,716 | 3/4 | 7,275 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 73,885 | 11 | 60,441 | 11 | 46,997 | 11 | 33,807 | 11 | 20,436 | 11 | 6,995 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 73,605 | 1/4 | 60,161 | 1/4 | 46,717 | 1/4 | 33,535 | 1/4 | 20,155 | 1/4 | 6,716 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,325 | 1/2 | 59,881 | 1/2 | 46,437 | 1/2 | 33,263 | 1/2 | 19,875 | 1/2 | 6,438 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,045 | 3/4 | 59,601 | 3/4 | 46,157 | 3/4 | 32,991 | 3/4 | 19,595 | 3/4 | 6,159 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021



BARGE "CBC 1428"

3 CENTER ULLAGE 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 | | 0 | | 0 | 170,962 | 0 | 161,272 | 0 | 149,268 | 0 | 137,264 | 0 | 125,260 | 0 | 113,256 | 0 | 101,252 | 0 | 89,248 |
| 1/4 | | 1/4 | | 1/4 | 170,941 | 1/4 | 161,021 | 1/4 | 149,018 | 1/4 | 137,014 | 1/4 | 125,010 | 1/4 | 113,006 | 1/4 | 101,002 | 1/4 | 89,998 |
| 1/2 | | 1/2 | | 1/2 | 170,879 | 1/2 | 160,771 | 1/2 | 148,767 | 1/2 | 136,764 | 1/2 | 124,760 | 1/2 | 112,756 | 1/2 | 100,752 | 1/2 | 88,748 |
| 3/4 | | 3/4 | | 3/4 | 170,816 | 3/4 | 160,521 | 3/4 | 148,517 | 3/4 | 136,513 | 3/4 | 124,510 | 3/4 | 112,506 | 3/4 | 100,502 | 3/4 | 88,498 |
| 1 | | 1 | | 1 | 170,754 | 1 | 160,271 | 1 | 148,267 | 1 | 136,263 | 1 | 124,259 | 1 | 112,256 | 1 | 100,252 | 1 | 88,248 |
| 1/4 | | 1/4 | | 1/4 | 170,691 | 1/4 | 160,021 | 1/4 | 148,017 | 1/4 | 136,013 | 1/4 | 124,009 | 1/4 | 112,005 | 1/4 | 100,001 | 1/4 | 87,998 |
| 1/2 | | 1/2 | | 1/2 | 170,587 | 1/2 | 159,771 | 1/2 | 147,767 | 1/2 | 135,763 | 1/2 | 123,759 | 1/2 | 111,755 | 1/2 | 99,751 | 1/2 | 87,747 |
| 3/4 | | 3/4 | | 3/4 | 170,483 | 3/4 | 159,521 | 3/4 | 147,517 | 3/4 | 135,513 | 3/4 | 123,509 | 3/4 | 111,505 | 3/4 | 99,501 | 3/4 | 87,497 |
| 2 | | 2 | | 2 | 170,379 | 2 | 159,271 | 2 | 147,267 | 2 | 135,263 | 2 | 123,259 | 2 | 111,255 | 2 | 99,251 | 2 | 87,247 |
| 1/4 | | 1/4 | | 1/4 | 170,274 | 1/4 | 159,021 | 1/4 | 147,017 | 1/4 | 135,013 | 1/4 | 123,009 | 1/4 | 111,005 | 1/4 | 99,001 | 1/4 | 86,997 |
| 1/2 | | 1/2 | | 1/2 | 170,129 | 1/2 | 158,771 | 1/2 | 146,767 | 1/2 | 134,763 | 1/2 | 122,759 | 1/2 | 110,755 | 1/2 | 98,751 | 1/2 | 86,747 |
| 3/4 | | 3/4 | | 3/4 | 169,983 | 3/4 | 158,521 | 3/4 | 146,517 | 3/4 | 134,513 | 3/4 | 122,509 | 3/4 | 110,505 | 3/4 | 98,501 | 3/4 | 86,497 |
| 3 | | 3 | | 3 | 169,837 | 3 | 158,271 | 3 | 146,267 | 3 | 134,263 | 3 | 122,259 | 3 | 110,255 | 3 | 98,251 | 3 | 86,247 |
| 1/4 | | 1/4 | | 1/4 | 169,691 | 1/4 | 158,020 | 1/4 | 146,017 | 1/4 | 134,013 | 1/4 | 122,009 | 1/4 | 110,005 | 1/4 | 98,001 | 1/4 | 85,997 |
| 1/2 | | 1/2 | | 1/2 | 169,503 | 1/2 | 157,770 | 1/2 | 145,766 | 1/2 | 133,763 | 1/2 | 121,759 | 1/2 | 109,755 | 1/2 | 97,751 | 1/2 | 85,747 |
| 3/4 | | 3/4 | | 3/4 | 169,316 | 3/4 | 157,520 | 3/4 | 145,516 | 3/4 | 133,512 | 3/4 | 121,509 | 3/4 | 109,505 | 3/4 | 97,501 | 3/4 | 85,497 |
| 4 | | 4 | | 4 | 169,128 | 4 | 157,270 | 4 | 145,266 | 4 | 133,262 | 4 | 121,258 | 4 | 109,255 | 4 | 97,251 | 4 | 85,247 |
| 1/4 | | 1/4 | | 1/4 | 168,941 | 1/4 | 157,020 | 1/4 | 145,016 | 1/4 | 133,012 | 1/4 | 121,008 | 1/4 | 109,004 | 1/4 | 97,001 | 1/4 | 84,997 |
| 1/2 | | 1/2 | | 1/2 | 168,711 | 1/2 | 156,770 | 1/2 | 144,766 | 1/2 | 132,762 | 1/2 | 120,758 | 1/2 | 108,754 | 1/2 | 96,750 | 1/2 | 84,747 |
| 3/4 | | 3/4 | | 3/4 | 168,482 | 3/4 | 156,520 | 3/4 | 144,516 | 3/4 | 132,512 | 3/4 | 120,508 | 3/4 | 108,504 | 3/4 | 96,500 | 3/4 | 84,496 |
| 5 | | 5 | | 5 | 168,253 | 5 | 156,270 | 5 | 144,266 | 5 | 132,262 | 5 | 120,258 | 5 | 108,254 | 5 | 96,250 | 5 | 84,246 |
| 1/4 | | 1/4 | | 1/4 | 168,024 | 1/4 | 156,020 | 1/4 | 144,016 | 1/4 | 132,012 | 1/4 | 120,008 | 1/4 | 108,004 | 1/4 | 96,000 | 1/4 | 83,996 |
| 1/2 | | 1/2 | | 1/2 | 167,774 | 1/2 | 155,770 | 1/2 | 143,766 | 1/2 | 131,762 | 1/2 | 119,758 | 1/2 | 107,754 | 1/2 | 95,750 | 1/2 | 83,746 |
| 3/4 | | 3/4 | | 3/4 | 167,524 | 3/4 | 155,520 | 3/4 | 143,516 | 3/4 | 131,512 | 3/4 | 119,508 | 3/4 | 107,504 | 3/4 | 95,500 | 3/4 | 83,496 |
| 6 | | 6 | | 6 | 167,274 | 6 | 155,270 | 6 | 143,266 | 6 | 131,262 | 6 | 119,258 | 6 | 107,254 | 6 | 95,250 | 6 | 83,246 |
| 1/4 | | 1/4 | | 1/4 | 167,023 | 1/4 | 155,019 | 1/4 | 143,016 | 1/4 | 131,012 | 1/4 | 119,008 | 1/4 | 107,004 | 1/4 | 95,000 | 1/4 | 82,996 |
| 1/2 | | 1/2 | | 1/2 | 166,773 | 1/2 | 154,769 | 1/2 | 142,765 | 1/2 | 130,762 | 1/2 | 118,758 | 1/2 | 106,754 | 1/2 | 94,750 | 1/2 | 82,746 |
| 3/4 | | 3/4 | | 3/4 | 166,523 | 3/4 | 154,519 | 3/4 | 142,515 | 3/4 | 130,511 | 3/4 | 118,508 | 3/4 | 106,504 | 3/4 | 94,500 | 3/4 | 82,496 |
| 7 | | 7 | | 7 | 166,273 | 7 | 154,269 | 7 | 142,265 | 7 | 130,261 | 7 | 118,257 | 7 | 106,254 | 7 | 94,250 | 7 | 82,246 |
| 1/4 | | 1/4 | | 1/4 | 166,023 | 1/4 | 154,019 | 1/4 | 142,015 | 1/4 | 130,011 | 1/4 | 118,007 | 1/4 | 106,003 | 1/4 | 94,000 | 1/4 | 81,996 |
| 1/2 | | 1/2 | | 1/2 | 165,773 | 1/2 | 153,769 | 1/2 | 141,765 | 1/2 | 129,761 | 1/2 | 117,757 | 1/2 | 105,753 | 1/2 | 93,749 | 1/2 | 81,746 |
| 3/4 | | 3/4 | | 3/4 | 165,523 | 3/4 | 153,519 | 3/4 | 141,515 | 3/4 | 129,511 | 3/4 | 117,507 | 3/4 | 105,503 | 3/4 | 93,499 | 3/4 | 81,495 |
| 8 | | 8 | | 8 | 165,273 | 8 | 153,269 | 8 | 141,265 | 8 | 129,261 | 8 | 117,257 | 8 | 105,253 | 8 | 93,249 | 8 | 81,245 |
| 1/4 | | 1/4 | | 1/4 | 165,023 | 1/4 | 153,019 | 1/4 | 141,015 | 1/4 | 129,011 | 1/4 | 117,007 | 1/4 | 105,003 | 1/4 | 92,999 | 1/4 | 80,995 |
| 1/2 | | 1/2 | | 1/2 | 164,773 | 1/2 | 152,769 | 1/2 | 140,765 | 1/2 | 128,761 | 1/2 | 116,757 | 1/2 | 104,753 | 1/2 | 92,749 | 1/2 | 80,745 |
| 3/4 | | 3/4 | | 3/4 | 164,523 | 3/4 | 152,519 | 3/4 | 140,515 | 3/4 | 128,511 | 3/4 | 116,507 | 3/4 | 104,503 | 3/4 | 92,499 | 3/4 | 80,495 |
| 9 | | 9 | | 9 | 164,273 | 9 | 152,269 | 9 | 140,265 | 9 | 128,261 | 9 | 116,257 | 9 | 104,253 | 9 | 92,249 | 9 | 80,245 |
| 1/4 | | 1/4 | | 1/4 | 164,023 | 1/4 | 152,019 | 1/4 | 140,015 | 1/4 | 128,011 | 1/4 | 116,007 | 1/4 | 104,003 | 1/4 | 91,999 | 1/4 | 79,995 |
| 1/2 | | 1/2 | | 1/2 | 163,772 | 1/2 | 151,768 | 1/2 | 139,765 | 1/2 | 127,761 | 1/2 | 115,757 | 1/2 | 103,753 | 1/2 | 91,749 | 1/2 | 79,745 |
| 3/4 | | 3/4 | | 3/4 | 163,522 | 3/4 | 151,518 | 3/4 | 139,514 | 3/4 | 127,510 | 3/4 | 115,507 | 3/4 | 103,503 | 3/4 | 91,499 | 3/4 | 79,495 |
| 10 | | 10 | | 10 | 163,272 | 10 | 151,268 | 10 | 139,264 | 10 | 127,260 | 10 | 115,256 | 10 | 103,253 | 10 | 91,249 | 10 | 79,245 |
| 1/4 | | 1/4 | | 1/4 | 163,022 | 1/4 | 151,018 | 1/4 | 139,014 | 1/4 | 127,010 | 1/4 | 115,006 | 1/4 | 103,002 | 1/4 | 90,999 | 1/4 | 78,995 |
| 1/2 | | 1/2 | | 1/2 | 162,772 | 1/2 | 150,768 | 1/2 | 138,764 | 1/2 | 126,760 | 1/2 | 114,756 | 1/2 | 102,752 | 1/2 | 90,748 | 1/2 | 78,745 |
| 3/4 | | 3/4 | | 3/4 | 162,522 | 3/4 | 150,518 | 3/4 | 138,514 | 3/4 | 126,510 | 3/4 | 114,506 | 3/4 | 102,502 | 3/4 | 90,498 | 3/4 | 78,494 |
| 11 | | 11 | | 11 | 162,272 | 11 | 150,268 | 11 | 138,264 | 11 | 126,260 | 11 | 114,256 | 11 | 102,252 | 11 | 90,248 | 11 | 78,244 |
| 1/4 | | 1/4 | | 1/4 | 162,022 | 1/4 | 150,018 | 1/4 | 138,014 | 1/4 | 126,010 | 1/4 | 114,006 | 1/4 | 102,002 | 1/4 | 89,998 | 1/4 | 77,994 |
| 1/2 | | 1/2 | | 1/2 | 161,772 | 1/2 | 149,768 | 1/2 | 137,764 | 1/2 | 125,760 | 1/2 | 113,756 | 1/2 | 101,752 | 1/2 | 89,748 | 1/2 | 77,744 |
| 3/4 | | 3/4 | | 3/4 | 170,983 | 3/4 | 161,522 | 3/4 | 149,518 | 3/4 | 137,514 | 3/4 | 113,506 | 3/4 | 101,502 | 3/4 | 89,498 | 3/4 | 77,494 |

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1428"

3 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 | 77,244 | 0 | 65,240 | 0 | 53,236 | 0 | 41,232 | 0 | 29,251 | 0 | 17,251 | 0 | 5,256 | 0 | | 0 | | 0 | |
| 1/4 | 76,994 | 1/4 | 64,990 | 1/4 | 52,986 | 1/4 | 40,982 | 1/4 | 29,001 | 1/4 | 17,001 | 1/4 | 5,007 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,744 | 1/2 | 64,740 | 1/2 | 52,736 | 1/2 | 40,732 | 1/2 | 28,752 | 1/2 | 16,751 | 1/2 | 4,760 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,494 | 3/4 | 64,490 | 3/4 | 52,486 | 3/4 | 40,482 | 3/4 | 28,502 | 3/4 | 16,501 | 3/4 | 4,513 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 76,244 | 1 | 64,240 | 1 | 52,236 | 1 | 40,232 | 1 | 28,252 | 1 | 16,250 | 1 | 4,265 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 75,994 | 1/4 | 63,990 | 1/4 | 51,986 | 1/4 | 39,982 | 1/4 | 28,002 | 1/4 | 16,000 | 1/4 | 4,018 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,744 | 1/2 | 63,740 | 1/2 | 51,736 | 1/2 | 39,732 | 1/2 | 27,753 | 1/2 | 15,750 | 1/2 | 3,773 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,493 | 3/4 | 63,490 | 3/4 | 51,486 | 3/4 | 39,482 | 3/4 | 27,503 | 3/4 | 15,500 | 3/4 | 3,528 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 75,243 | 2 | 63,239 | 2 | 51,236 | 2 | 39,232 | 2 | 27,253 | 2 | 15,250 | 2 | 3,283 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 74,993 | 1/4 | 62,989 | 1/4 | 50,985 | 1/4 | 38,982 | 1/4 | 27,004 | 1/4 | 15,000 | 1/4 | 3,038 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,743 | 1/2 | 62,739 | 1/2 | 50,735 | 1/2 | 38,731 | 1/2 | 26,754 | 1/2 | 14,750 | 1/2 | 2,809 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,493 | 3/4 | 62,489 | 3/4 | 50,485 | 3/4 | 38,481 | 3/4 | 26,503 | 3/4 | 14,500 | 3/4 | 2,581 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 74,243 | 3 | 62,239 | 3 | 50,235 | 3 | 38,231 | 3 | 26,253 | 3 | 14,250 | 3 | 2,352 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 73,993 | 1/4 | 61,989 | 1/4 | 49,985 | 1/4 | 37,981 | 1/4 | 26,003 | 1/4 | 14,000 | 1/4 | 2,123 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,743 | 1/2 | 61,739 | 1/2 | 49,735 | 1/2 | 37,731 | 1/2 | 25,753 | 1/2 | 13,750 | 1/2 | 1,936 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,493 | 3/4 | 61,489 | 3/4 | 49,485 | 3/4 | 37,481 | 3/4 | 25,503 | 3/4 | 13,500 | 3/4 | 1,748 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 73,243 | 4 | 61,239 | 4 | 49,235 | 4 | 37,231 | 4 | 25,253 | 4 | 13,250 | 4 | 1,561 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 72,993 | 1/4 | 60,989 | 1/4 | 48,985 | 1/4 | 36,981 | 1/4 | 25,003 | 1/4 | 13,000 | 1/4 | 1,373 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 72,743 | 1/2 | 60,739 | 1/2 | 48,735 | 1/2 | 36,732 | 1/2 | 24,753 | 1/2 | 12,749 | 1/2 | 1,227 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 72,493 | 3/4 | 60,489 | 3/4 | 48,485 | 3/4 | 36,482 | 3/4 | 24,503 | 3/4 | 12,499 | 3/4 | 1,081 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 72,242 | 5 | 60,238 | 5 | 48,235 | 5 | 36,233 | 5 | 24,253 | 5 | 12,249 | 5 | 936 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 71,992 | 1/4 | 59,988 | 1/4 | 47,984 | 1/4 | 35,983 | 1/4 | 24,003 | 1/4 | 11,999 | 1/4 | 790 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 71,742 | 1/2 | 59,738 | 1/2 | 47,734 | 1/2 | 35,734 | 1/2 | 23,753 | 1/2 | 11,749 | 1/2 | 685 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 71,492 | 3/4 | 59,488 | 3/4 | 47,484 | 3/4 | 35,485 | 3/4 | 23,503 | 3/4 | 11,499 | 3/4 | 581 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 71,242 | 6 | 59,238 | 6 | 47,234 | 6 | 35,235 | 6 | 23,253 | 6 | 11,249 | 6 | 477 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 70,992 | 1/4 | 58,988 | 1/4 | 46,984 | 1/4 | 34,986 | 1/4 | 23,002 | 1/4 | 10,999 | 1/4 | 373 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 70,742 | 1/2 | 58,738 | 1/2 | 46,734 | 1/2 | 34,737 | 1/2 | 22,752 | 1/2 | 10,749 | 1/2 | 310 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 70,492 | 3/4 | 58,488 | 3/4 | 46,484 | 3/4 | 34,487 | 3/4 | 22,502 | 3/4 | 10,499 | 3/4 | 248 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 70,242 | 7 | 58,238 | 7 | 46,234 | 7 | 34,238 | 7 | 22,252 | 7 | 10,249 | 7 | 185 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 69,992 | 1/4 | 57,988 | 1/4 | 45,984 | 1/4 | 33,989 | 1/4 | 22,002 | 1/4 | 9,999 | 1/4 | 123 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 69,742 | 1/2 | 57,738 | 1/2 | 45,734 | 1/2 | 33,739 | 1/2 | 21,752 | 1/2 | 9,749 | 1/2 | 102 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 69,492 | 3/4 | 57,488 | 3/4 | 45,484 | 3/4 | 33,490 | 3/4 | 21,502 | 3/4 | 9,499 | 3/4 | 81 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 69,241 | 8 | 57,238 | 8 | 45,234 | 8 | 33,240 | 8 | 21,252 | 8 | 9,248 | 8 | 60 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 68,991 | 1/4 | 56,987 | 1/4 | 44,984 | 1/4 | 32,991 | 1/4 | 21,002 | 1/4 | 8,998 | 1/4 | 40 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 68,741 | 1/2 | 56,737 | 1/2 | 44,733 | 1/2 | 32,742 | 1/2 | 20,752 | 1/2 | 8,748 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 68,491 | 3/4 | 56,487 | 3/4 | 44,483 | 3/4 | 32,492 | 3/4 | 20,502 | 3/4 | 8,498 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 68,241 | 9 | 56,237 | 9 | 44,233 | 9 | 32,243 | 9 | 20,252 | 9 | 8,248 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 67,991 | 1/4 | 55,987 | 1/4 | 43,983 | 1/4 | 31,994 | 1/4 | 20,002 | 1/4 | 7,998 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 67,741 | 1/2 | 55,737 | 1/2 | 43,733 | 1/2 | 31,744 | 1/2 | 19,752 | 1/2 | 7,748 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 67,491 | 3/4 | 55,487 | 3/4 | 43,483 | 3/4 | 31,495 | 3/4 | 19,501 | 3/4 | 7,498 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 67,241 | 10 | 55,237 | 10 | 43,233 | 10 | 31,246 | 10 | 19,251 | 10 | 7,249 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 66,991 | 1/4 | 54,987 | 1/4 | 42,983 | 1/4 | 30,996 | 1/4 | 19,001 | 1/4 | 6,999 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 66,741 | 1/2 | 54,737 | 1/2 | 42,733 | 1/2 | 30,747 | 1/2 | 18,751 | 1/2 | 6,749 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 66,491 | 3/4 | 54,487 | 3/4 | 42,483 | 3/4 | 30,498 | 3/4 | 18,501 | 3/4 | 6,500 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 66,240 | 11 | 54,237 | 11 | 42,233 | 11 | 30,248 | 11 | 18,251 | 11 | 6,251 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 65,990 | 1/4 | 53,986 | 1/4 | 41,983 | 1/4 | 29,999 | 1/4 | 18,001 | 1/4 | 6,001 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 65,740 | 1/2 | 53,736 | 1/2 | 41,732 | 1/2 | 29,749 | 1/2 | 17,751 | 1/2 | 5,753 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 65,490 | 3/4 | 53,486 | 3/4 | 41,482 | 3/4 | 29,500 | 3/4 | 17,501 | 3/4 | 5,504 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021

