



BARGE "CBC 390"

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 PORT | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-3/8 | - 00-3/8 |
| 1 STBD | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-3/8 | - 00-3/8 |
| 2 PORT | 00-0/8 | - 00-0/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 |
| 2 STBD | 00-0/8 | - 00-0/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 |
| 3 PORT | - 00-1/2 | 00-1/2 | - 01-1/8 | 01-1/8 | - 01-5/8 | 01-5/8 | - 02-1/4 | 02-1/4 | - 02-3/4 | 02-3/4 | - 03-3/8 | 03-3/8 |
| 3 STBD | - 00-1/2 | 00-1/2 | - 01-1/8 | 01-1/8 | - 01-5/8 | 01-5/8 | - 02-1/4 | 02-1/4 | - 02-3/4 | 02-3/4 | - 03-3/8 | 03-3/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 4'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 253'-09"

November 20, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 390"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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 | 965 | 0 | 15,237 | 0 | 30,470 | 0 | 45,693 | 0 | 60,917 | 0 | 76,150 | 0 | 91,384 | 0 | 106,618 | 0 | 121,847 | 0 | 137,075 |
| 1/4 | 1,150 | 1/4 | 15,554 | 1/4 | 30,788 | 1/4 | 46,010 | 1/4 | 61,234 | 1/4 | 76,468 | 1/4 | 91,701 | 1/4 | 106,935 | 1/4 | 122,165 | 1/4 | 137,393 |
| 1/2 | 1,335 | 1/2 | 15,872 | 1/2 | 31,105 | 1/2 | 46,327 | 1/2 | 61,551 | 1/2 | 76,785 | 1/2 | 92,019 | 1/2 | 107,253 | 1/2 | 122,482 | 1/2 | 137,710 |
| 3/4 | 1,520 | 3/4 | 16,189 | 3/4 | 31,422 | 3/4 | 46,644 | 3/4 | 61,869 | 3/4 | 77,103 | 3/4 | 92,336 | 3/4 | 107,570 | 3/4 | 122,799 | 3/4 | 138,027 |
| 1 | 1,705 | 1 | 16,506 | 1 | 31,740 | 1 | 46,961 | 1 | 62,186 | 1 | 77,420 | 1 | 92,654 | 1 | 107,887 | 1 | 123,116 | 1 | 138,344 |
| 1/4 | 1,943 | 1/4 | 16,824 | 1/4 | 32,057 | 1/4 | 47,278 | 1/4 | 62,504 | 1/4 | 77,737 | 1/4 | 92,971 | 1/4 | 108,205 | 1/4 | 123,434 | 1/4 | 138,662 |
| 1/2 | 2,181 | 1/2 | 17,141 | 1/2 | 32,374 | 1/2 | 47,594 | 1/2 | 62,821 | 1/2 | 78,055 | 1/2 | 93,288 | 1/2 | 108,522 | 1/2 | 123,751 | 1/2 | 138,979 |
| 3/4 | 2,419 | 3/4 | 17,459 | 3/4 | 32,692 | 3/4 | 47,911 | 3/4 | 63,138 | 3/4 | 78,372 | 3/4 | 93,606 | 3/4 | 108,839 | 3/4 | 124,068 | 3/4 | 139,296 |
| 2 | 2,657 | 2 | 17,776 | 2 | 33,009 | 2 | 48,228 | 2 | 63,456 | 2 | 78,689 | 2 | 93,923 | 2 | 109,157 | 2 | 124,385 | 2 | 139,613 |
| 1/4 | 2,948 | 1/4 | 18,093 | 1/4 | 33,326 | 1/4 | 48,545 | 1/4 | 63,773 | 1/4 | 79,007 | 1/4 | 94,240 | 1/4 | 109,474 | 1/4 | 124,703 | 1/4 | 139,931 |
| 1/2 | 3,239 | 1/2 | 18,411 | 1/2 | 33,644 | 1/2 | 48,862 | 1/2 | 64,090 | 1/2 | 79,324 | 1/2 | 94,558 | 1/2 | 109,792 | 1/2 | 125,020 | 1/2 | 140,248 |
| 3/4 | 3,529 | 3/4 | 18,728 | 3/4 | 33,961 | 3/4 | 49,179 | 3/4 | 64,408 | 3/4 | 79,641 | 3/4 | 94,875 | 3/4 | 110,109 | 3/4 | 125,337 | 3/4 | 140,565 |
| 3 | 3,820 | 3 | 19,045 | 3 | 34,278 | 3 | 49,496 | 3 | 64,725 | 3 | 79,959 | 3 | 95,193 | 3 | 110,426 | 3 | 125,654 | 3 | 140,882 |
| 1/4 | 4,136 | 1/4 | 19,363 | 1/4 | 34,596 | 1/4 | 49,812 | 1/4 | 65,043 | 1/4 | 80,276 | 1/4 | 95,510 | 1/4 | 110,743 | 1/4 | 125,972 | 1/4 | 141,200 |
| 1/2 | 4,452 | 1/2 | 19,680 | 1/2 | 34,913 | 1/2 | 50,129 | 1/2 | 65,360 | 1/2 | 80,594 | 1/2 | 95,827 | 1/2 | 111,061 | 1/2 | 126,289 | 1/2 | 141,517 |
| 3/4 | 4,768 | 3/4 | 19,997 | 3/4 | 35,231 | 3/4 | 50,446 | 3/4 | 65,677 | 3/4 | 80,911 | 3/4 | 96,145 | 3/4 | 111,378 | 3/4 | 126,606 | 3/4 | 141,834 |
| 4 | 5,084 | 4 | 20,315 | 4 | 35,548 | 4 | 50,763 | 4 | 65,995 | 4 | 81,228 | 4 | 96,462 | 4 | 111,695 | 4 | 126,923 | 4 | 142,151 |
| 1/4 | 5,401 | 1/4 | 20,632 | 1/4 | 35,865 | 1/4 | 51,080 | 1/4 | 66,312 | 1/4 | 81,546 | 1/4 | 96,779 | 1/4 | 112,013 | 1/4 | 127,241 | 1/4 | 142,469 |
| 1/2 | 5,717 | 1/2 | 20,949 | 1/2 | 36,183 | 1/2 | 51,397 | 1/2 | 66,629 | 1/2 | 81,863 | 1/2 | 97,097 | 1/2 | 112,330 | 1/2 | 127,558 | 1/2 | 142,786 |
| 3/4 | 6,034 | 3/4 | 21,267 | 3/4 | 36,500 | 3/4 | 51,714 | 3/4 | 66,947 | 3/4 | 82,180 | 3/4 | 97,414 | 3/4 | 112,647 | 3/4 | 127,875 | 3/4 | 143,103 |
| 5 | 6,351 | 5 | 21,584 | 5 | 36,817 | 5 | 52,030 | 5 | 67,264 | 5 | 82,498 | 5 | 97,731 | 5 | 112,964 | 5 | 128,192 | 5 | 143,420 |
| 1/4 | 6,669 | 1/4 | 21,902 | 1/4 | 37,135 | 1/4 | 52,348 | 1/4 | 67,581 | 1/4 | 82,815 | 1/4 | 98,049 | 1/4 | 113,282 | 1/4 | 128,510 | 1/4 | 143,738 |
| 1/2 | 6,986 | 1/2 | 22,219 | 1/2 | 37,452 | 1/2 | 52,665 | 1/2 | 67,899 | 1/2 | 83,133 | 1/2 | 98,366 | 1/2 | 113,599 | 1/2 | 128,827 | 1/2 | 144,055 |
| 3/4 | 7,303 | 3/4 | 22,536 | 3/4 | 37,769 | 3/4 | 52,982 | 3/4 | 68,216 | 3/4 | 83,450 | 3/4 | 98,684 | 3/4 | 113,916 | 3/4 | 129,144 | 3/4 | 144,372 |
| 6 | 7,621 | 6 | 22,854 | 6 | 38,087 | 6 | 53,300 | 6 | 68,534 | 6 | 83,767 | 6 | 99,001 | 6 | 114,233 | 6 | 129,461 | 6 | 144,689 |
| 1/4 | 7,938 | 1/4 | 23,171 | 1/4 | 38,404 | 1/4 | 53,617 | 1/4 | 68,851 | 1/4 | 84,085 | 1/4 | 99,318 | 1/4 | 114,551 | 1/4 | 129,779 | 1/4 | 145,007 |
| 1/2 | 8,255 | 1/2 | 23,488 | 1/2 | 38,721 | 1/2 | 53,935 | 1/2 | 69,168 | 1/2 | 84,402 | 1/2 | 99,636 | 1/2 | 114,868 | 1/2 | 130,096 | 1/2 | 145,324 |
| 3/4 | 8,573 | 3/4 | 23,806 | 3/4 | 39,039 | 3/4 | 54,252 | 3/4 | 69,486 | 3/4 | 84,719 | 3/4 | 99,953 | 3/4 | 115,185 | 3/4 | 130,413 | 3/4 | 145,641 |
| 7 | 8,890 | 7 | 24,123 | 7 | 39,356 | 7 | 54,569 | 7 | 69,803 | 7 | 85,037 | 7 | 100,270 | 7 | 115,502 | 7 | 130,730 | 7 | 145,958 |
| 1/4 | 9,207 | 1/4 | 24,440 | 1/4 | 39,673 | 1/4 | 54,887 | 1/4 | 70,120 | 1/4 | 85,354 | 1/4 | 100,588 | 1/4 | 115,820 | 1/4 | 131,048 | 1/4 | 146,276 |
| 1/2 | 9,525 | 1/2 | 24,758 | 1/2 | 39,990 | 1/2 | 55,204 | 1/2 | 70,438 | 1/2 | 85,671 | 1/2 | 100,905 | 1/2 | 116,137 | 1/2 | 131,365 | 1/2 | 146,593 |
| 3/4 | 9,842 | 3/4 | 25,075 | 3/4 | 40,307 | 3/4 | 55,521 | 3/4 | 70,755 | 3/4 | 85,989 | 3/4 | 101,223 | 3/4 | 116,454 | 3/4 | 131,682 | 3/4 | 146,910 |
| 8 | 10,159 | 8 | 25,392 | 8 | 40,624 | 8 | 55,839 | 8 | 71,073 | 8 | 86,306 | 8 | 101,540 | 8 | 116,771 | 8 | 131,999 | 8 | 147,227 |
| 1/4 | 10,477 | 1/4 | 25,710 | 1/4 | 40,940 | 1/4 | 56,156 | 1/4 | 71,390 | 1/4 | 86,624 | 1/4 | 101,857 | 1/4 | 117,089 | 1/4 | 132,317 | 1/4 | 147,545 |
| 1/2 | 10,794 | 1/2 | 26,027 | 1/2 | 41,257 | 1/2 | 56,474 | 1/2 | 71,707 | 1/2 | 86,941 | 1/2 | 102,175 | 1/2 | 117,406 | 1/2 | 132,634 | 1/2 | 147,862 |
| 3/4 | 11,111 | 3/4 | 26,345 | 3/4 | 41,574 | 3/4 | 56,791 | 3/4 | 72,025 | 3/4 | 87,258 | 3/4 | 102,492 | 3/4 | 117,723 | 3/4 | 132,951 | 3/4 | 148,179 |
| 9 | 11,429 | 9 | 26,662 | 9 | 41,891 | 9 | 57,108 | 9 | 72,342 | 9 | 87,576 | 9 | 102,809 | 9 | 118,040 | 9 | 133,268 | 9 | 148,496 |
| 1/4 | 11,746 | 1/4 | 26,979 | 1/4 | 42,208 | 1/4 | 57,426 | 1/4 | 72,659 | 1/4 | 87,893 | 1/4 | 103,127 | 1/4 | 118,358 | 1/4 | 133,586 | 1/4 | 148,814 |
| 1/2 | 12,064 | 1/2 | 27,297 | 1/2 | 42,525 | 1/2 | 57,743 | 1/2 | 72,977 | 1/2 | 88,210 | 1/2 | 103,444 | 1/2 | 118,675 | 1/2 | 133,903 | 1/2 | 149,131 |
| 3/4 | 12,381 | 3/4 | 27,614 | 3/4 | 42,842 | 3/4 | 58,060 | 3/4 | 73,294 | 3/4 | 88,528 | 3/4 | 103,762 | 3/4 | 118,992 | 3/4 | 134,220 | 3/4 | 149,448 |
| 10 | 12,698 | 10 | 27,931 | 10 | 43,158 | 10 | 58,378 | 10 | 73,611 | 10 | 88,845 | 10 | 104,079 | 10 | 119,309 | 10 | 134,537 | 10 | 149,765 |
| 1/4 | 13,016 | 1/4 | 28,249 | 1/4 | 43,475 | 1/4 | 58,695 | 1/4 | 73,929 | 1/4 | 89,163 | 1/4 | 104,396 | 1/4 | 119,627 | 1/4 | 134,855 | 1/4 | 150,083 |
| 1/2 | 13,333 | 1/2 | 28,566 | 1/2 | 43,792 | 1/2 | 59,013 | 1/2 | 74,246 | 1/2 | 89,480 | 1/2 | 104,714 | 1/2 | 119,944 | 1/2 | 135,172 | 1/2 | 150,400 |
| 3/4 | 13,650 | 3/4 | 28,883 | 3/4 | 44,109 | 3/4 | 59,330 | 3/4 | 74,564 | 3/4 | 89,797 | 3/4 | 105,031 | 3/4 | 120,261 | 3/4 | 135,489 | 3/4 | 150,717 |
| 11 | 13,968 | 11 | 29,201 | 11 | 44,426 | 11 | 59,647 | 11 | 74,881 | 11 | 90,115 | 11 | 105,348 | 11 | 120,578 | 11 | 135,806 | 11 | 151,034 |
| 1/4 | 14,285 | 1/4 | 29,518 | 1/4 | 44,743 | 1/4 | 59,965 | 1/4 | 75,198 | 1/4 | 90,432 | 1/4 | 105,666 | 1/4 | 120,896 | 1/4 | 136,124 | 1/4 | 151,352 |
| 1/2 | 14,602 | 1/2 | 29,835 | 1/2 | 45,060 | 1/2 | 60,282 | 1/2 | 75,516 | 1/2 | 90,749 | 1/2 | 105,983 | 1/2 | 121,213 | 1/2 | 136,441 | 1/2 | 151,669 |
| 3/4 | 14,920 | 3/4 | 30,153 | 3/4 | 45,376 | 3/4 | 60,599 | 3/4 | 75,833 | 3/4 | 91,067 | 3/4 | 106,300 | 3/4 | 121,530 | 3/4 | 136,758 | 3/4 | 151,986 |

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 390"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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 | 152,303 | 0 | 167,531 | 0 | 182,760 | 0 | 197,785 | 0 | 212,045 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 152,621 | 1/4 | 167,849 | 1/4 | 183,077 | 1/4 | 198,090 | 1/4 | 212,331 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 152,938 | 1/2 | 168,166 | 1/2 | 183,394 | 1/2 | 198,396 | 1/2 | 212,617 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 153,255 | 3/4 | 168,483 | 3/4 | 183,711 | 3/4 | 198,701 | 3/4 | 212,903 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 153,572 | 1 | 168,800 | 1 | 184,029 | 1 | 199,006 | 1 | 213,190 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 153,890 | 1/4 | 169,118 | 1/4 | 184,346 | 1/4 | 199,309 | 1/4 | 213,474 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 154,207 | 1/2 | 169,435 | 1/2 | 184,663 | 1/2 | 199,612 | 1/2 | 213,759 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 154,524 | 3/4 | 169,752 | 3/4 | 184,980 | 3/4 | 199,915 | 3/4 | 214,044 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 154,841 | 2 | 170,069 | 2 | 185,298 | 2 | 200,218 | 2 | 214,329 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 155,159 | 1/4 | 170,387 | 1/4 | 185,615 | 1/4 | 200,519 | 1/4 | 214,613 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 155,476 | 1/2 | 170,704 | 1/2 | 185,932 | 1/2 | 200,821 | 1/2 | 214,896 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 155,793 | 3/4 | 171,021 | 3/4 | 186,249 | 3/4 | 201,122 | 3/4 | 215,180 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 156,110 | 3 | 171,338 | 3 | 186,567 | 3 | 201,424 | 3 | 215,463 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 156,428 | 1/4 | 171,656 | 1/4 | 186,883 | 1/4 | 201,724 | 1/4 | 215,745 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 156,745 | 1/2 | 171,973 | 1/2 | 187,200 | 1/2 | 202,025 | 1/2 | 216,027 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 157,062 | 3/4 | 172,290 | 3/4 | 187,517 | 3/4 | 202,325 | 3/4 | 216,309 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 157,379 | 4 | 172,607 | 4 | 187,834 | 4 | 202,625 | 4 | 216,591 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 157,697 | 1/4 | 172,925 | 1/4 | 188,149 | 1/4 | 202,925 | 1/4 | 216,871 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 158,014 | 1/2 | 173,242 | 1/2 | 188,464 | 1/2 | 203,224 | 1/2 | 217,150 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 158,331 | 3/4 | 173,559 | 3/4 | 188,780 | 3/4 | 203,523 | 3/4 | 217,430 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 158,648 | 5 | 173,876 | 5 | 189,095 | 5 | 203,822 | 5 | 217,710 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 158,966 | 1/4 | 174,194 | 1/4 | 189,409 | 1/4 | 204,120 | 1/4 | 217,963 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 159,283 | 1/2 | 174,511 | 1/2 | 189,723 | 1/2 | 204,417 | 1/2 | 218,216 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 159,600 | 3/4 | 174,828 | 3/4 | 190,037 | 3/4 | 204,715 | 3/4 | 218,470 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 159,917 | 6 | 175,145 | 6 | 190,352 | 6 | 205,013 | 6 | 218,723 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 160,235 | 1/4 | 175,463 | 1/4 | 190,664 | 1/4 | 205,310 | 1/4 | 218,957 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 160,552 | 1/2 | 175,780 | 1/2 | 190,977 | 1/2 | 205,606 | 1/2 | 219,190 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 160,869 | 3/4 | 176,097 | 3/4 | 191,290 | 3/4 | 205,903 | 3/4 | 219,424 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 161,186 | 7 | 176,414 | 7 | 191,603 | 7 | 206,199 | 7 | 219,658 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 161,504 | 1/4 | 176,732 | 1/4 | 191,915 | 1/4 | 206,495 | 1/4 | 219,840 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 161,821 | 1/2 | 177,049 | 1/2 | 192,226 | 1/2 | 206,790 | 1/2 | 220,022 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 162,138 | 3/4 | 177,366 | 3/4 | 192,538 | 3/4 | 207,085 | 3/4 | 220,204 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 162,455 | 8 | 177,684 | 8 | 192,849 | 8 | 207,381 | 8 | 220,386 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 162,773 | 1/4 | 178,001 | 1/4 | 193,160 | 1/4 | 207,675 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 163,090 | 1/2 | 178,318 | 1/2 | 193,470 | 1/2 | 207,969 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 163,407 | 3/4 | 178,635 | 3/4 | 193,780 | 3/4 | 208,263 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 163,724 | 9 | 178,953 | 9 | 194,091 | 9 | 208,557 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 164,042 | 1/4 | 179,270 | 1/4 | 194,400 | 1/4 | 208,850 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 164,359 | 1/2 | 179,587 | 1/2 | 194,709 | 1/2 | 209,143 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 164,676 | 3/4 | 179,904 | 3/4 | 195,018 | 3/4 | 209,436 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 164,993 | 10 | 180,222 | 10 | 195,327 | 10 | 209,729 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 165,311 | 1/4 | 180,539 | 1/4 | 195,635 | 1/4 | 210,020 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 165,628 | 1/2 | 180,856 | 1/2 | 195,943 | 1/2 | 210,312 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 165,945 | 3/4 | 181,173 | 3/4 | 196,251 | 3/4 | 210,604 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 166,262 | 11 | 181,491 | 11 | 196,559 | 11 | 210,895 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 166,580 | 1/4 | 181,808 | 1/4 | 196,865 | 1/4 | 211,183 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 166,897 | 1/2 | 182,125 | 1/2 | 197,172 | 1/2 | 211,470 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 167,214 | 3/4 | 182,442 | 3/4 | 197,478 | 3/4 | 211,758 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|---------|-----|---------|-----|---------|-----|---------|
| 0 | 965 | 0 | 15,237 | 0 | 30,470 | 0 | 45,653 | 0 | 60,837 | 0 | 76,071 | 0 | 91,304 | 0 | 106,538 | 0 | 121,768 | 0 | 136,996 |
| 1/4 | 1,150 | 1/4 | 15,554 | 1/4 | 30,788 | 1/4 | 45,969 | 1/4 | 61,154 | 1/4 | 76,388 | 1/4 | 91,622 | 1/4 | 106,855 | 1/4 | 122,085 | 1/4 | 137,313 |
| 1/2 | 1,335 | 1/2 | 15,872 | 1/2 | 31,105 | 1/2 | 46,284 | 1/2 | 61,472 | 1/2 | 76,705 | 1/2 | 91,939 | 1/2 | 107,173 | 1/2 | 122,402 | 1/2 | 137,630 |
| 3/4 | 1,520 | 3/4 | 16,189 | 3/4 | 31,422 | 3/4 | 46,599 | 3/4 | 61,789 | 3/4 | 77,023 | 3/4 | 92,256 | 3/4 | 107,490 | 3/4 | 122,719 | 3/4 | 137,947 |
| 1 | 1,705 | 1 | 16,506 | 1 | 31,740 | 1 | 46,914 | 1 | 62,106 | 1 | 77,340 | 1 | 92,574 | 1 | 107,808 | 1 | 123,037 | 1 | 138,265 |
| 1/4 | 1,943 | 1/4 | 16,824 | 1/4 | 32,057 | 1/4 | 47,229 | 1/4 | 62,424 | 1/4 | 77,657 | 1/4 | 92,891 | 1/4 | 108,125 | 1/4 | 123,354 | 1/4 | 138,582 |
| 1/2 | 2,181 | 1/2 | 17,141 | 1/2 | 32,374 | 1/2 | 47,545 | 1/2 | 62,741 | 1/2 | 77,975 | 1/2 | 93,209 | 1/2 | 108,442 | 1/2 | 123,671 | 1/2 | 138,899 |
| 3/4 | 2,419 | 3/4 | 17,459 | 3/4 | 32,692 | 3/4 | 47,860 | 3/4 | 63,059 | 3/4 | 78,292 | 3/4 | 93,526 | 3/4 | 108,760 | 3/4 | 123,988 | 3/4 | 139,216 |
| 2 | 2,657 | 2 | 17,776 | 2 | 33,009 | 2 | 48,175 | 2 | 63,376 | 2 | 78,610 | 2 | 93,843 | 2 | 109,077 | 2 | 124,306 | 2 | 139,534 |
| 1/4 | 2,948 | 1/4 | 18,093 | 1/4 | 33,326 | 1/4 | 48,490 | 1/4 | 63,693 | 1/4 | 78,927 | 1/4 | 94,161 | 1/4 | 109,394 | 1/4 | 124,623 | 1/4 | 139,851 |
| 1/2 | 3,239 | 1/2 | 18,411 | 1/2 | 33,644 | 1/2 | 48,805 | 1/2 | 64,011 | 1/2 | 79,244 | 1/2 | 94,478 | 1/2 | 109,712 | 1/2 | 124,940 | 1/2 | 140,168 |
| 3/4 | 3,529 | 3/4 | 18,728 | 3/4 | 33,961 | 3/4 | 49,121 | 3/4 | 64,328 | 3/4 | 79,562 | 3/4 | 94,795 | 3/4 | 110,029 | 3/4 | 125,257 | 3/4 | 140,485 |
| 3 | 3,820 | 3 | 19,045 | 3 | 34,278 | 3 | 49,436 | 3 | 64,645 | 3 | 79,879 | 3 | 95,113 | 3 | 110,346 | 3 | 125,575 | 3 | 140,803 |
| 1/4 | 4,136 | 1/4 | 19,363 | 1/4 | 34,596 | 1/4 | 49,751 | 1/4 | 64,963 | 1/4 | 80,196 | 1/4 | 95,430 | 1/4 | 110,664 | 1/4 | 125,892 | 1/4 | 141,120 |
| 1/2 | 4,452 | 1/2 | 19,680 | 1/2 | 34,913 | 1/2 | 50,066 | 1/2 | 65,280 | 1/2 | 80,514 | 1/2 | 95,748 | 1/2 | 110,981 | 1/2 | 126,209 | 1/2 | 141,437 |
| 3/4 | 4,768 | 3/4 | 19,997 | 3/4 | 35,231 | 3/4 | 50,381 | 3/4 | 65,597 | 3/4 | 80,831 | 3/4 | 96,065 | 3/4 | 111,298 | 3/4 | 126,526 | 3/4 | 141,754 |
| 4 | 5,084 | 4 | 20,315 | 4 | 35,548 | 4 | 50,697 | 4 | 65,915 | 4 | 81,149 | 4 | 96,382 | 4 | 111,615 | 4 | 126,844 | 4 | 142,072 |
| 1/4 | 5,401 | 1/4 | 20,632 | 1/4 | 35,865 | 1/4 | 51,012 | 1/4 | 66,232 | 1/4 | 81,466 | 1/4 | 96,700 | 1/4 | 111,933 | 1/4 | 127,161 | 1/4 | 142,389 |
| 1/2 | 5,717 | 1/2 | 20,949 | 1/2 | 36,183 | 1/2 | 51,327 | 1/2 | 66,550 | 1/2 | 81,783 | 1/2 | 97,017 | 1/2 | 112,250 | 1/2 | 127,478 | 1/2 | 142,706 |
| 3/4 | 6,034 | 3/4 | 21,267 | 3/4 | 36,500 | 3/4 | 51,642 | 3/4 | 66,867 | 3/4 | 82,101 | 3/4 | 97,334 | 3/4 | 112,567 | 3/4 | 127,795 | 3/4 | 143,023 |
| 5 | 6,351 | 5 | 21,584 | 5 | 36,817 | 5 | 51,957 | 5 | 67,184 | 5 | 82,418 | 5 | 97,652 | 5 | 112,884 | 5 | 128,113 | 5 | 143,341 |
| 1/4 | 6,669 | 1/4 | 21,902 | 1/4 | 37,135 | 1/4 | 52,273 | 1/4 | 67,502 | 1/4 | 82,735 | 1/4 | 97,969 | 1/4 | 113,202 | 1/4 | 128,430 | 1/4 | 143,658 |
| 1/2 | 6,986 | 1/2 | 22,219 | 1/2 | 37,452 | 1/2 | 52,589 | 1/2 | 67,819 | 1/2 | 83,053 | 1/2 | 98,286 | 1/2 | 113,519 | 1/2 | 128,747 | 1/2 | 143,975 |
| 3/4 | 7,303 | 3/4 | 22,536 | 3/4 | 37,769 | 3/4 | 52,904 | 3/4 | 68,136 | 3/4 | 83,370 | 3/4 | 98,604 | 3/4 | 113,836 | 3/4 | 129,064 | 3/4 | 144,292 |
| 6 | 7,621 | 6 | 22,854 | 6 | 38,087 | 6 | 53,220 | 6 | 68,454 | 6 | 83,687 | 6 | 98,921 | 6 | 114,153 | 6 | 129,382 | 6 | 144,610 |
| 1/4 | 7,938 | 1/4 | 23,171 | 1/4 | 38,402 | 1/4 | 53,537 | 1/4 | 68,771 | 1/4 | 84,005 | 1/4 | 99,239 | 1/4 | 114,471 | 1/4 | 129,699 | 1/4 | 144,927 |
| 1/2 | 8,255 | 1/2 | 23,488 | 1/2 | 38,718 | 1/2 | 53,855 | 1/2 | 69,089 | 1/2 | 84,322 | 1/2 | 99,556 | 1/2 | 114,788 | 1/2 | 130,016 | 1/2 | 145,244 |
| 3/4 | 8,573 | 3/4 | 23,806 | 3/4 | 39,034 | 3/4 | 54,172 | 3/4 | 69,406 | 3/4 | 84,640 | 3/4 | 99,873 | 3/4 | 115,105 | 3/4 | 130,333 | 3/4 | 145,561 |
| 7 | 8,890 | 7 | 24,123 | 7 | 39,350 | 7 | 54,490 | 7 | 69,723 | 7 | 84,957 | 7 | 100,191 | 7 | 115,422 | 7 | 130,651 | 7 | 145,879 |
| 1/4 | 9,207 | 1/4 | 24,440 | 1/4 | 39,665 | 1/4 | 54,807 | 1/4 | 70,041 | 1/4 | 85,274 | 1/4 | 100,508 | 1/4 | 115,740 | 1/4 | 130,968 | 1/4 | 146,196 |
| 1/2 | 9,525 | 1/2 | 24,758 | 1/2 | 39,980 | 1/2 | 55,124 | 1/2 | 70,358 | 1/2 | 85,592 | 1/2 | 100,825 | 1/2 | 116,057 | 1/2 | 131,285 | 1/2 | 146,513 |
| 3/4 | 9,842 | 3/4 | 25,075 | 3/4 | 40,295 | 3/4 | 55,442 | 3/4 | 70,675 | 3/4 | 85,909 | 3/4 | 101,143 | 3/4 | 116,374 | 3/4 | 131,602 | 3/4 | 146,830 |
| 8 | 10,159 | 8 | 25,392 | 8 | 40,610 | 8 | 55,759 | 8 | 70,993 | 8 | 86,226 | 8 | 101,460 | 8 | 116,691 | 8 | 131,920 | 8 | 147,148 |
| 1/4 | 10,477 | 1/4 | 25,710 | 1/4 | 40,926 | 1/4 | 56,076 | 1/4 | 71,310 | 1/4 | 86,544 | 1/4 | 101,778 | 1/4 | 117,009 | 1/4 | 132,237 | 1/4 | 147,465 |
| 1/2 | 10,794 | 1/2 | 26,027 | 1/2 | 41,241 | 1/2 | 56,394 | 1/2 | 71,627 | 1/2 | 86,861 | 1/2 | 102,095 | 1/2 | 117,326 | 1/2 | 132,554 | 1/2 | 147,782 |
| 3/4 | 11,111 | 3/4 | 26,345 | 3/4 | 41,556 | 3/4 | 56,711 | 3/4 | 71,945 | 3/4 | 87,179 | 3/4 | 102,412 | 3/4 | 117,643 | 3/4 | 132,871 | 3/4 | 148,099 |
| 9 | 11,429 | 9 | 26,662 | 9 | 41,871 | 9 | 57,029 | 9 | 72,262 | 9 | 87,496 | 9 | 102,730 | 9 | 117,961 | 9 | 133,189 | 9 | 148,417 |
| 1/4 | 11,746 | 1/4 | 26,979 | 1/4 | 42,186 | 1/4 | 57,346 | 1/4 | 72,580 | 1/4 | 87,813 | 1/4 | 103,047 | 1/4 | 118,278 | 1/4 | 133,506 | 1/4 | 148,734 |
| 1/2 | 12,064 | 1/2 | 27,297 | 1/2 | 42,501 | 1/2 | 57,663 | 1/2 | 72,897 | 1/2 | 88,131 | 1/2 | 103,364 | 1/2 | 118,595 | 1/2 | 133,823 | 1/2 | 149,051 |
| 3/4 | 12,381 | 3/4 | 27,614 | 3/4 | 42,817 | 3/4 | 57,981 | 3/4 | 73,214 | 3/4 | 88,448 | 3/4 | 103,682 | 3/4 | 118,912 | 3/4 | 134,140 | 3/4 | 149,368 |
| 10 | 12,698 | 10 | 27,931 | 10 | 43,132 | 10 | 58,298 | 10 | 73,532 | 10 | 88,765 | 10 | 103,999 | 10 | 119,230 | 10 | 134,458 | 10 | 149,686 |
| 1/4 | 13,016 | 1/4 | 28,249 | 1/4 | 43,447 | 1/4 | 58,615 | 1/4 | 73,849 | 1/4 | 89,083 | 1/4 | 104,316 | 1/4 | 119,547 | 1/4 | 134,775 | 1/4 | 150,003 |
| 1/2 | 13,333 | 1/2 | 28,566 | 1/2 | 43,762 | 1/2 | 58,933 | 1/2 | 74,166 | 1/2 | 89,400 | 1/2 | 104,634 | 1/2 | 119,864 | 1/2 | 135,092 | 1/2 | 150,320 |
| 3/4 | 13,650 | 3/4 | 28,883 | 3/4 | 44,077 | 3/4 | 59,250 | 3/4 | 74,484 | 3/4 | 89,718 | 3/4 | 104,951 | 3/4 | 120,181 | 3/4 | 135,409 | 3/4 | 150,637 |
| 11 | 13,968 | 11 | 29,201 | 11 | 44,393 | 11 | 59,567 | 11 | 74,801 | 11 | 90,035 | 11 | 105,269 | 11 | 120,499 | 11 | 135,727 | 11 | 150,955 |
| 1/4 | 14,285 | 1/4 | 29,518 | 1/4 | 44,708 | 1/4 | 59,885 | 1/4 | 75,119 | 1/4 | 90,352 | 1/4 | 105,586 | 1/4 | 120,816 | 1/4 | 136,044 | 1/4 | 151,272 |
| 1/2 | 14,602 | 1/2 | 29,835 | 1/2 | 45,023 | 1/2 | 60,202 | 1/2 | 75,436 | 1/2 | 90,670 | 1/2 | 105,903 | 1/2 | 121,133 | 1/2 | 136,361 | 1/2 | 151,589 |
| 3/4 | 14,920 | 3/4 | 30,153 | 3/4 | 45,338 | 3/4 | 60,520 | 3/4 | 75,753 | 3/4 | 90,987 | 3/4 | 106,221 | 3/4 | 121,450 | 3/4 | 136,678 | 3/4 | 151,906 |

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 152,224 | 0 | 167,452 | 0 | 182,680 | 0 | 197,705 | 0 | 211,965 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 152,541 | 1/4 | 167,769 | 1/4 | 182,997 | 1/4 | 198,010 | 1/4 | 212,251 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 152,858 | 1/2 | 168,086 | 1/2 | 183,314 | 1/2 | 198,316 | 1/2 | 212,537 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 153,175 | 3/4 | 168,403 | 3/4 | 183,632 | 3/4 | 198,621 | 3/4 | 212,824 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 153,493 | 1 | 168,721 | 1 | 183,949 | 1 | 198,926 | 1 | 213,110 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 153,810 | 1/4 | 169,038 | 1/4 | 184,266 | 1/4 | 199,229 | 1/4 | 213,395 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 154,127 | 1/2 | 169,355 | 1/2 | 184,583 | 1/2 | 199,532 | 1/2 | 213,679 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 154,444 | 3/4 | 169,672 | 3/4 | 184,901 | 3/4 | 199,835 | 3/4 | 213,964 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 154,762 | 2 | 169,990 | 2 | 185,218 | 2 | 200,138 | 2 | 214,249 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 155,079 | 1/4 | 170,307 | 1/4 | 185,535 | 1/4 | 200,439 | 1/4 | 214,533 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 155,396 | 1/2 | 170,624 | 1/2 | 185,852 | 1/2 | 200,741 | 1/2 | 214,816 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 155,713 | 3/4 | 170,941 | 3/4 | 186,170 | 3/4 | 201,043 | 3/4 | 215,100 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 156,031 | 3 | 171,259 | 3 | 186,487 | 3 | 201,344 | 3 | 215,384 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 156,348 | 1/4 | 171,576 | 1/4 | 186,804 | 1/4 | 201,645 | 1/4 | 215,665 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 156,665 | 1/2 | 171,893 | 1/2 | 187,120 | 1/2 | 201,945 | 1/2 | 215,947 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 156,982 | 3/4 | 172,210 | 3/4 | 187,437 | 3/4 | 202,245 | 3/4 | 216,229 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 157,300 | 4 | 172,528 | 4 | 187,754 | 4 | 202,546 | 4 | 216,511 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 157,617 | 1/4 | 172,845 | 1/4 | 188,069 | 1/4 | 202,845 | 1/4 | 216,791 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 157,934 | 1/2 | 173,162 | 1/2 | 188,385 | 1/2 | 203,144 | 1/2 | 217,070 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 158,251 | 3/4 | 173,479 | 3/4 | 188,700 | 3/4 | 203,443 | 3/4 | 217,350 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 158,569 | 5 | 173,797 | 5 | 189,015 | 5 | 203,742 | 5 | 217,630 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 158,886 | 1/4 | 174,114 | 1/4 | 189,329 | 1/4 | 204,040 | 1/4 | 217,883 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 159,203 | 1/2 | 174,431 | 1/2 | 189,644 | 1/2 | 204,338 | 1/2 | 218,136 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 159,520 | 3/4 | 174,748 | 3/4 | 189,958 | 3/4 | 204,635 | 3/4 | 218,390 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 159,838 | 6 | 175,066 | 6 | 190,272 | 6 | 204,933 | 6 | 218,643 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 160,155 | 1/4 | 175,383 | 1/4 | 190,585 | 1/4 | 205,230 | 1/4 | 218,877 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 160,472 | 1/2 | 175,700 | 1/2 | 190,897 | 1/2 | 205,526 | 1/2 | 219,111 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 160,789 | 3/4 | 176,017 | 3/4 | 191,210 | 3/4 | 205,823 | 3/4 | 219,344 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 161,107 | 7 | 176,335 | 7 | 191,523 | 7 | 206,120 | 7 | 219,578 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 161,424 | 1/4 | 176,652 | 1/4 | 191,835 | 1/4 | 206,415 | 1/4 | 219,760 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 161,741 | 1/2 | 176,969 | 1/2 | 192,146 | 1/2 | 206,710 | 1/2 | 219,942 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 162,058 | 3/4 | 177,286 | 3/4 | 192,458 | 3/4 | 207,006 | 3/4 | 220,124 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 162,376 | 8 | 177,604 | 8 | 192,770 | 8 | 207,301 | 8 | 220,306 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 162,693 | 1/4 | 177,921 | 1/4 | 193,080 | 1/4 | 207,595 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 163,010 | 1/2 | 178,238 | 1/2 | 193,390 | 1/2 | 207,889 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 163,327 | 3/4 | 178,555 | 3/4 | 193,701 | 3/4 | 208,183 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 163,645 | 9 | 178,873 | 9 | 194,011 | 9 | 208,477 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 163,962 | 1/4 | 179,190 | 1/4 | 194,320 | 1/4 | 208,770 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 164,279 | 1/2 | 179,507 | 1/2 | 194,629 | 1/2 | 209,063 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 164,596 | 3/4 | 179,824 | 3/4 | 194,938 | 3/4 | 209,356 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 164,914 | 10 | 180,142 | 10 | 195,247 | 10 | 209,649 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 165,231 | 1/4 | 180,459 | 1/4 | 195,555 | 1/4 | 209,941 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 165,548 | 1/2 | 180,776 | 1/2 | 195,863 | 1/2 | 210,232 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 165,865 | 3/4 | 181,093 | 3/4 | 196,171 | 3/4 | 210,524 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 166,183 | 11 | 181,411 | 11 | 196,479 | 11 | 210,816 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 166,500 | 1/4 | 181,728 | 1/4 | 196,785 | 1/4 | 211,103 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 166,817 | 1/2 | 182,045 | 1/2 | 197,092 | 1/2 | 211,390 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 167,134 | 3/4 | 182,362 | 3/4 | 197,399 | 3/4 | 211,678 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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 | 961 | 0 | 15,184 | 0 | 30,364 | 0 | 45,535 | 0 | 60,705 | 0 | 75,886 | 0 | 91,066 | 0 | 106,247 | 0 | 121,424 | 0 | 136,599 |
| 1/4 | 1,146 | 1/4 | 15,500 | 1/4 | 30,681 | 1/4 | 45,850 | 1/4 | 61,021 | 1/4 | 76,202 | 1/4 | 91,383 | 1/4 | 106,563 | 1/4 | 121,740 | 1/4 | 136,915 |
| 1/2 | 1,330 | 1/2 | 15,817 | 1/2 | 30,997 | 1/2 | 46,166 | 1/2 | 61,337 | 1/2 | 76,518 | 1/2 | 91,699 | 1/2 | 106,880 | 1/2 | 122,056 | 1/2 | 137,231 |
| 3/4 | 1,515 | 3/4 | 16,133 | 3/4 | 31,313 | 3/4 | 46,482 | 3/4 | 61,654 | 3/4 | 76,834 | 3/4 | 92,015 | 3/4 | 107,196 | 3/4 | 122,372 | 3/4 | 137,547 |
| 1 | 1,699 | 1 | 16,449 | 1 | 31,629 | 1 | 46,798 | 1 | 61,970 | 1 | 77,151 | 1 | 92,331 | 1 | 107,512 | 1 | 122,688 | 1 | 137,863 |
| 1/4 | 1,936 | 1/4 | 16,765 | 1/4 | 31,946 | 1/4 | 47,113 | 1/4 | 62,286 | 1/4 | 77,467 | 1/4 | 92,648 | 1/4 | 107,828 | 1/4 | 123,004 | 1/4 | 138,180 |
| 1/2 | 2,173 | 1/2 | 17,082 | 1/2 | 32,262 | 1/2 | 47,429 | 1/2 | 62,603 | 1/2 | 77,783 | 1/2 | 92,964 | 1/2 | 108,145 | 1/2 | 123,320 | 1/2 | 138,496 |
| 3/4 | 2,411 | 3/4 | 17,398 | 3/4 | 32,578 | 3/4 | 47,745 | 3/4 | 62,919 | 3/4 | 78,099 | 3/4 | 93,280 | 3/4 | 108,461 | 3/4 | 123,637 | 3/4 | 138,812 |
| 2 | 2,648 | 2 | 17,714 | 2 | 32,895 | 2 | 48,061 | 2 | 63,235 | 2 | 78,416 | 2 | 93,596 | 2 | 108,777 | 2 | 123,953 | 2 | 139,128 |
| 1/4 | 2,938 | 1/4 | 18,030 | 1/4 | 33,211 | 1/4 | 48,376 | 1/4 | 63,551 | 1/4 | 78,732 | 1/4 | 93,913 | 1/4 | 109,093 | 1/4 | 124,269 | 1/4 | 139,444 |
| 1/2 | 3,227 | 1/2 | 18,347 | 1/2 | 33,527 | 1/2 | 48,692 | 1/2 | 63,868 | 1/2 | 79,048 | 1/2 | 94,229 | 1/2 | 109,410 | 1/2 | 124,585 | 1/2 | 139,760 |
| 3/4 | 3,517 | 3/4 | 18,663 | 3/4 | 33,843 | 3/4 | 49,008 | 3/4 | 64,184 | 3/4 | 79,365 | 3/4 | 94,545 | 3/4 | 109,726 | 3/4 | 124,901 | 3/4 | 140,076 |
| 3 | 3,807 | 3 | 18,979 | 3 | 34,160 | 3 | 49,324 | 3 | 64,500 | 3 | 79,681 | 3 | 94,861 | 3 | 110,042 | 3 | 125,217 | 3 | 140,393 |
| 1/4 | 4,122 | 1/4 | 19,296 | 1/4 | 34,476 | 1/4 | 49,639 | 1/4 | 64,816 | 1/4 | 79,997 | 1/4 | 95,178 | 1/4 | 110,358 | 1/4 | 125,534 | 1/4 | 140,709 |
| 1/2 | 4,436 | 1/2 | 19,612 | 1/2 | 34,792 | 1/2 | 49,955 | 1/2 | 65,133 | 1/2 | 80,313 | 1/2 | 95,494 | 1/2 | 110,674 | 1/2 | 125,850 | 1/2 | 141,025 |
| 3/4 | 4,751 | 3/4 | 19,928 | 3/4 | 35,108 | 3/4 | 50,271 | 3/4 | 65,449 | 3/4 | 80,630 | 3/4 | 95,810 | 3/4 | 110,991 | 3/4 | 126,166 | 3/4 | 141,341 |
| 4 | 5,066 | 4 | 20,244 | 4 | 35,425 | 4 | 50,587 | 4 | 65,765 | 4 | 80,946 | 4 | 96,127 | 4 | 111,307 | 4 | 126,482 | 4 | 141,657 |
| 1/4 | 5,382 | 1/4 | 20,561 | 1/4 | 35,741 | 1/4 | 50,902 | 1/4 | 66,081 | 1/4 | 81,262 | 1/4 | 96,443 | 1/4 | 111,623 | 1/4 | 126,798 | 1/4 | 141,973 |
| 1/2 | 5,698 | 1/2 | 20,877 | 1/2 | 36,057 | 1/2 | 51,218 | 1/2 | 66,398 | 1/2 | 81,578 | 1/2 | 96,759 | 1/2 | 111,939 | 1/2 | 127,114 | 1/2 | 142,290 |
| 3/4 | 6,013 | 3/4 | 21,193 | 3/4 | 36,373 | 3/4 | 51,534 | 3/4 | 66,714 | 3/4 | 81,895 | 3/4 | 97,075 | 3/4 | 112,255 | 3/4 | 127,430 | 3/4 | 142,606 |
| 5 | 6,329 | 5 | 21,509 | 5 | 36,690 | 5 | 51,850 | 5 | 67,030 | 5 | 82,211 | 5 | 97,392 | 5 | 112,571 | 5 | 127,747 | 5 | 142,922 |
| 1/4 | 6,645 | 1/4 | 21,826 | 1/4 | 37,006 | 1/4 | 52,166 | 1/4 | 67,346 | 1/4 | 82,527 | 1/4 | 97,708 | 1/4 | 112,888 | 1/4 | 128,063 | 1/4 | 143,238 |
| 1/2 | 6,962 | 1/2 | 22,142 | 1/2 | 37,322 | 1/2 | 52,482 | 1/2 | 67,663 | 1/2 | 82,843 | 1/2 | 98,024 | 1/2 | 113,204 | 1/2 | 128,379 | 1/2 | 143,554 |
| 3/4 | 7,278 | 3/4 | 22,458 | 3/4 | 37,638 | 3/4 | 52,798 | 3/4 | 67,979 | 3/4 | 83,160 | 3/4 | 98,340 | 3/4 | 113,520 | 3/4 | 128,695 | 3/4 | 143,870 |
| 6 | 7,594 | 6 | 22,774 | 6 | 37,955 | 6 | 53,115 | 6 | 68,295 | 6 | 83,476 | 6 | 98,657 | 6 | 113,836 | 6 | 129,011 | 6 | 144,186 |
| 1/4 | 7,910 | 1/4 | 23,091 | 1/4 | 38,271 | 1/4 | 53,431 | 1/4 | 68,612 | 1/4 | 83,792 | 1/4 | 98,973 | 1/4 | 114,152 | 1/4 | 129,327 | 1/4 | 144,503 |
| 1/2 | 8,227 | 1/2 | 23,407 | 1/2 | 38,587 | 1/2 | 53,747 | 1/2 | 68,928 | 1/2 | 84,108 | 1/2 | 99,289 | 1/2 | 114,468 | 1/2 | 129,644 | 1/2 | 144,819 |
| 3/4 | 8,543 | 3/4 | 23,723 | 3/4 | 38,903 | 3/4 | 54,063 | 3/4 | 69,244 | 3/4 | 84,425 | 3/4 | 99,605 | 3/4 | 114,784 | 3/4 | 129,960 | 3/4 | 145,135 |
| 7 | 8,859 | 7 | 24,039 | 7 | 39,220 | 7 | 54,380 | 7 | 69,560 | 7 | 84,741 | 7 | 99,922 | 7 | 115,101 | 7 | 130,276 | 7 | 145,451 |
| 1/4 | 9,175 | 1/4 | 24,356 | 1/4 | 39,535 | 1/4 | 54,696 | 1/4 | 69,877 | 1/4 | 85,057 | 1/4 | 100,238 | 1/4 | 115,417 | 1/4 | 130,592 | 1/4 | 145,767 |
| 1/2 | 9,492 | 1/2 | 24,672 | 1/2 | 39,851 | 1/2 | 55,012 | 1/2 | 70,193 | 1/2 | 85,374 | 1/2 | 100,554 | 1/2 | 115,733 | 1/2 | 130,908 | 1/2 | 146,083 |
| 3/4 | 9,808 | 3/4 | 24,988 | 3/4 | 40,167 | 3/4 | 55,328 | 3/4 | 70,509 | 3/4 | 85,690 | 3/4 | 100,870 | 3/4 | 116,049 | 3/4 | 131,224 | 3/4 | 146,399 |
| 8 | 10,124 | 8 | 25,304 | 8 | 40,483 | 8 | 55,645 | 8 | 70,825 | 8 | 86,006 | 8 | 101,187 | 8 | 116,365 | 8 | 131,540 | 8 | 146,716 |
| 1/4 | 10,440 | 1/4 | 25,621 | 1/4 | 40,798 | 1/4 | 55,961 | 1/4 | 71,142 | 1/4 | 86,322 | 1/4 | 101,503 | 1/4 | 116,681 | 1/4 | 131,857 | 1/4 | 147,032 |
| 1/2 | 10,757 | 1/2 | 25,937 | 1/2 | 41,114 | 1/2 | 56,277 | 1/2 | 71,458 | 1/2 | 86,639 | 1/2 | 101,819 | 1/2 | 116,997 | 1/2 | 132,173 | 1/2 | 147,348 |
| 3/4 | 11,073 | 3/4 | 26,253 | 3/4 | 41,430 | 3/4 | 56,594 | 3/4 | 71,774 | 3/4 | 86,955 | 3/4 | 102,136 | 3/4 | 117,314 | 3/4 | 132,489 | 3/4 | 147,664 |
| 9 | 11,389 | 9 | 26,569 | 9 | 41,746 | 9 | 56,910 | 9 | 72,090 | 9 | 87,271 | 9 | 102,452 | 9 | 117,630 | 9 | 132,805 | 9 | 147,980 |
| 1/4 | 11,705 | 1/4 | 26,886 | 1/4 | 42,061 | 1/4 | 57,226 | 1/4 | 72,407 | 1/4 | 87,587 | 1/4 | 102,768 | 1/4 | 117,946 | 1/4 | 133,121 | 1/4 | 148,296 |
| 1/2 | 12,022 | 1/2 | 27,202 | 1/2 | 42,377 | 1/2 | 57,542 | 1/2 | 72,723 | 1/2 | 87,904 | 1/2 | 103,084 | 1/2 | 118,262 | 1/2 | 133,437 | 1/2 | 148,613 |
| 3/4 | 12,338 | 3/4 | 27,518 | 3/4 | 42,693 | 3/4 | 57,859 | 3/4 | 73,039 | 3/4 | 88,220 | 3/4 | 103,401 | 3/4 | 118,578 | 3/4 | 133,753 | 3/4 | 148,929 |
| 10 | 12,654 | 10 | 27,834 | 10 | 43,009 | 10 | 58,175 | 10 | 73,356 | 10 | 88,536 | 10 | 103,717 | 10 | 118,894 | 10 | 134,070 | 10 | 149,245 |
| 1/4 | 12,970 | 1/4 | 28,151 | 1/4 | 43,324 | 1/4 | 58,491 | 1/4 | 73,672 | 1/4 | 88,852 | 1/4 | 104,033 | 1/4 | 119,211 | 1/4 | 134,386 | 1/4 | 149,561 |
| 1/2 | 13,287 | 1/2 | 28,467 | 1/2 | 43,640 | 1/2 | 58,807 | 1/2 | 73,988 | 1/2 | 89,169 | 1/2 | 104,349 | 1/2 | 119,527 | 1/2 | 134,702 | 1/2 | 149,877 |
| 3/4 | 13,603 | 3/4 | 28,783 | 3/4 | 43,956 | 3/4 | 59,124 | 3/4 | 74,304 | 3/4 | 89,485 | 3/4 | 104,666 | 3/4 | 119,843 | 3/4 | 135,018 | 3/4 | 150,193 |
| 11 | 13,919 | 11 | 29,099 | 11 | 44,272 | 11 | 59,440 | 11 | 74,621 | 11 | 89,801 | 11 | 104,982 | 11 | 120,159 | 11 | 135,334 | 11 | 150,509 |
| 1/4 | 14,235 | 1/4 | 29,416 | 1/4 | 44,587 | 1/4 | 59,756 | 1/4 | 74,937 | 1/4 | 90,118 | 1/4 | 105,298 | 1/4 | 120,475 | 1/4 | 135,650 | 1/4 | 150,826 |
| 1/2 | 14,552 | 1/2 | 29,732 | 1/2 | 44,903 | 1/2 | 60,072 | 1/2 | 75,253 | 1/2 | 90,434 | 1/2 | 105,614 | 1/2 | 120,791 | 1/2 | 135,967 | 1/2 | 151,142 |
| 3/4 | 14,868 | 3/4 | 30,048 | 3/4 | 45,219 | 3/4 | 60,389 | 3/4 | 75,569 | 3/4 | 90,750 | 3/4 | 105,931 | 3/4 | 121,107 | 3/4 | 136,283 | 3/4 | 151,458 |

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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 | 151,774 | 0 | 166,949 | 0 | 182,125 | 0 | 197,097 | 0 | 211,309 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 152,090 | 1/4 | 167,265 | 1/4 | 182,441 | 1/4 | 197,402 | 1/4 | 211,594 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 152,406 | 1/2 | 167,582 | 1/2 | 182,757 | 1/2 | 197,706 | 1/2 | 211,879 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 152,723 | 3/4 | 167,898 | 3/4 | 183,073 | 3/4 | 198,010 | 3/4 | 212,164 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 153,039 | 1 | 168,214 | 1 | 183,389 | 1 | 198,315 | 1 | 212,449 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 153,355 | 1/4 | 168,530 | 1/4 | 183,705 | 1/4 | 198,616 | 1/4 | 212,733 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 153,671 | 1/2 | 168,846 | 1/2 | 184,021 | 1/2 | 198,918 | 1/2 | 213,017 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 153,987 | 3/4 | 169,162 | 3/4 | 184,338 | 3/4 | 199,220 | 3/4 | 213,301 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 154,303 | 2 | 169,479 | 2 | 184,654 | 2 | 199,522 | 2 | 213,585 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 154,619 | 1/4 | 169,795 | 1/4 | 184,970 | 1/4 | 199,822 | 1/4 | 213,867 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 154,936 | 1/2 | 170,111 | 1/2 | 185,286 | 1/2 | 200,123 | 1/2 | 214,150 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 155,252 | 3/4 | 170,427 | 3/4 | 185,602 | 3/4 | 200,423 | 3/4 | 214,433 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 155,568 | 3 | 170,743 | 3 | 185,918 | 3 | 200,724 | 3 | 214,715 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 155,884 | 1/4 | 171,059 | 1/4 | 186,234 | 1/4 | 201,023 | 1/4 | 214,996 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 156,200 | 1/2 | 171,375 | 1/2 | 186,549 | 1/2 | 201,323 | 1/2 | 215,277 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 156,516 | 3/4 | 171,692 | 3/4 | 186,865 | 3/4 | 201,622 | 3/4 | 215,558 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 156,832 | 4 | 172,008 | 4 | 187,181 | 4 | 201,921 | 4 | 215,839 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 157,149 | 1/4 | 172,324 | 1/4 | 187,495 | 1/4 | 202,219 | 1/4 | 216,118 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 157,465 | 1/2 | 172,640 | 1/2 | 187,809 | 1/2 | 202,517 | 1/2 | 216,397 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 157,781 | 3/4 | 172,956 | 3/4 | 188,123 | 3/4 | 202,815 | 3/4 | 216,675 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 158,097 | 5 | 173,272 | 5 | 188,438 | 5 | 203,114 | 5 | 216,954 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 158,413 | 1/4 | 173,588 | 1/4 | 188,751 | 1/4 | 203,410 | 1/4 | 217,206 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 158,729 | 1/2 | 173,905 | 1/2 | 189,064 | 1/2 | 203,707 | 1/2 | 217,459 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 159,046 | 3/4 | 174,221 | 3/4 | 189,377 | 3/4 | 204,004 | 3/4 | 217,711 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 159,362 | 6 | 174,537 | 6 | 189,690 | 6 | 204,301 | 6 | 217,964 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 159,678 | 1/4 | 174,853 | 1/4 | 190,002 | 1/4 | 204,596 | 1/4 | 218,197 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 159,994 | 1/2 | 175,169 | 1/2 | 190,313 | 1/2 | 204,892 | 1/2 | 218,430 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 160,310 | 3/4 | 175,485 | 3/4 | 190,625 | 3/4 | 205,187 | 3/4 | 218,663 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 160,626 | 7 | 175,802 | 7 | 190,937 | 7 | 205,483 | 7 | 218,895 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 160,942 | 1/4 | 176,118 | 1/4 | 191,247 | 1/4 | 205,777 | 1/4 | 219,077 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 161,259 | 1/2 | 176,434 | 1/2 | 191,558 | 1/2 | 206,072 | 1/2 | 219,258 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 161,575 | 3/4 | 176,750 | 3/4 | 191,868 | 3/4 | 206,366 | 3/4 | 219,440 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 161,891 | 8 | 177,066 | 8 | 192,179 | 8 | 206,660 | 8 | 219,621 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 162,207 | 1/4 | 177,382 | 1/4 | 192,488 | 1/4 | 206,953 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 162,523 | 1/2 | 177,698 | 1/2 | 192,798 | 1/2 | 207,246 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 162,839 | 3/4 | 178,015 | 3/4 | 193,107 | 3/4 | 207,539 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 163,155 | 9 | 178,331 | 9 | 193,416 | 9 | 207,833 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 163,472 | 1/4 | 178,647 | 1/4 | 193,724 | 1/4 | 208,124 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 163,788 | 1/2 | 178,963 | 1/2 | 194,032 | 1/2 | 208,416 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 164,104 | 3/4 | 179,279 | 3/4 | 194,340 | 3/4 | 208,708 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 164,420 | 10 | 179,595 | 10 | 194,648 | 10 | 209,000 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 164,736 | 1/4 | 179,911 | 1/4 | 194,955 | 1/4 | 209,291 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 165,052 | 1/2 | 180,228 | 1/2 | 195,262 | 1/2 | 209,582 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 165,369 | 3/4 | 180,544 | 3/4 | 195,569 | 3/4 | 209,872 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 165,685 | 11 | 180,860 | 11 | 195,875 | 11 | 210,163 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 166,001 | 1/4 | 181,176 | 1/4 | 196,181 | 1/4 | 210,449 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 166,317 | 1/2 | 181,492 | 1/2 | 196,486 | 1/2 | 210,736 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 166,633 | 3/4 | 181,808 | 3/4 | 196,792 | 3/4 | 211,022 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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 | 961 | 0 | 15,184 | 0 | 30,364 | 0 | 45,201 | 0 | 60,038 | 0 | 75,219 | 0 | 90,399 | 0 | 105,580 | 0 | 120,757 | 0 | 135,932 |
| 1/4 | 1,146 | 1/4 | 15,500 | 1/4 | 30,681 | 1/4 | 45,503 | 1/4 | 60,354 | 1/4 | 75,535 | 1/4 | 90,716 | 1/4 | 105,897 | 1/4 | 121,073 | 1/4 | 136,248 |
| 1/2 | 1,330 | 1/2 | 15,817 | 1/2 | 30,997 | 1/2 | 45,804 | 1/2 | 60,670 | 1/2 | 75,851 | 1/2 | 91,032 | 1/2 | 106,213 | 1/2 | 121,389 | 1/2 | 136,565 |
| 3/4 | 1,515 | 3/4 | 16,133 | 3/4 | 31,313 | 3/4 | 46,106 | 3/4 | 60,986 | 3/4 | 76,167 | 3/4 | 91,348 | 3/4 | 106,529 | 3/4 | 121,705 | 3/4 | 136,881 |
| 1 | 1,699 | 1 | 16,449 | 1 | 31,629 | 1 | 46,408 | 1 | 61,303 | 1 | 76,484 | 1 | 91,665 | 1 | 106,845 | 1 | 122,022 | 1 | 137,197 |
| 1/4 | 1,936 | 1/4 | 16,765 | 1/4 | 31,946 | 1/4 | 46,710 | 1/4 | 61,619 | 1/4 | 76,800 | 1/4 | 91,981 | 1/4 | 107,162 | 1/4 | 122,338 | 1/4 | 137,513 |
| 1/2 | 2,173 | 1/2 | 17,082 | 1/2 | 32,262 | 1/2 | 47,012 | 1/2 | 61,935 | 1/2 | 77,116 | 1/2 | 92,297 | 1/2 | 107,478 | 1/2 | 122,654 | 1/2 | 137,829 |
| 3/4 | 2,411 | 3/4 | 17,398 | 3/4 | 32,578 | 3/4 | 47,314 | 3/4 | 62,252 | 3/4 | 77,432 | 3/4 | 92,613 | 3/4 | 107,794 | 3/4 | 122,970 | 3/4 | 138,145 |
| 2 | 2,648 | 2 | 17,714 | 2 | 32,895 | 2 | 47,615 | 2 | 62,568 | 2 | 77,749 | 2 | 92,930 | 2 | 108,110 | 2 | 123,286 | 2 | 138,461 |
| 1/4 | 2,938 | 1/4 | 18,030 | 1/4 | 33,211 | 1/4 | 47,917 | 1/4 | 62,884 | 1/4 | 78,065 | 1/4 | 93,246 | 1/4 | 108,427 | 1/4 | 123,602 | 1/4 | 138,778 |
| 1/2 | 3,227 | 1/2 | 18,347 | 1/2 | 33,527 | 1/2 | 48,219 | 1/2 | 63,200 | 1/2 | 78,381 | 1/2 | 93,562 | 1/2 | 108,743 | 1/2 | 123,918 | 1/2 | 139,094 |
| 3/4 | 3,517 | 3/4 | 18,663 | 3/4 | 33,843 | 3/4 | 48,521 | 3/4 | 63,517 | 3/4 | 78,698 | 3/4 | 93,878 | 3/4 | 109,059 | 3/4 | 124,235 | 3/4 | 139,410 |
| 3 | 3,807 | 3 | 18,979 | 3 | 34,160 | 3 | 48,823 | 3 | 63,833 | 3 | 79,014 | 3 | 94,195 | 3 | 109,376 | 3 | 124,551 | 3 | 139,726 |
| 1/4 | 4,122 | 1/4 | 19,296 | 1/4 | 34,476 | 1/4 | 49,125 | 1/4 | 64,149 | 1/4 | 79,330 | 1/4 | 94,511 | 1/4 | 109,692 | 1/4 | 124,867 | 1/4 | 140,042 |
| 1/2 | 4,436 | 1/2 | 19,612 | 1/2 | 34,792 | 1/2 | 49,427 | 1/2 | 64,465 | 1/2 | 79,646 | 1/2 | 94,827 | 1/2 | 110,008 | 1/2 | 125,183 | 1/2 | 140,358 |
| 3/4 | 4,751 | 3/4 | 19,928 | 3/4 | 35,108 | 3/4 | 49,728 | 3/4 | 64,782 | 3/4 | 79,963 | 3/4 | 95,143 | 3/4 | 110,324 | 3/4 | 125,499 | 3/4 | 140,674 |
| 4 | 5,066 | 4 | 20,244 | 4 | 35,425 | 4 | 50,030 | 4 | 65,098 | 4 | 80,279 | 4 | 95,460 | 4 | 110,640 | 4 | 125,815 | 4 | 140,991 |
| 1/4 | 5,382 | 1/4 | 20,561 | 1/4 | 35,741 | 1/4 | 50,332 | 1/4 | 65,414 | 1/4 | 80,595 | 1/4 | 95,776 | 1/4 | 110,956 | 1/4 | 126,132 | 1/4 | 141,307 |
| 1/2 | 5,698 | 1/2 | 20,877 | 1/2 | 36,057 | 1/2 | 50,634 | 1/2 | 65,731 | 1/2 | 80,911 | 1/2 | 96,092 | 1/2 | 111,272 | 1/2 | 126,448 | 1/2 | 141,623 |
| 3/4 | 6,013 | 3/4 | 21,193 | 3/4 | 36,373 | 3/4 | 50,936 | 3/4 | 66,047 | 3/4 | 81,228 | 3/4 | 96,409 | 3/4 | 111,589 | 3/4 | 126,764 | 3/4 | 141,939 |
| 5 | 6,329 | 5 | 21,509 | 5 | 36,690 | 5 | 51,238 | 5 | 66,363 | 5 | 81,544 | 5 | 96,725 | 5 | 111,905 | 5 | 127,080 | 5 | 142,255 |
| 1/4 | 6,645 | 1/4 | 21,826 | 1/4 | 37,006 | 1/4 | 51,540 | 1/4 | 66,679 | 1/4 | 81,860 | 1/4 | 97,041 | 1/4 | 112,221 | 1/4 | 127,396 | 1/4 | 142,571 |
| 1/2 | 6,962 | 1/2 | 22,142 | 1/2 | 37,322 | 1/2 | 51,842 | 1/2 | 66,996 | 1/2 | 82,176 | 1/2 | 97,357 | 1/2 | 112,537 | 1/2 | 127,712 | 1/2 | 142,888 |
| 3/4 | 7,278 | 3/4 | 22,458 | 3/4 | 37,638 | 3/4 | 52,145 | 3/4 | 67,312 | 3/4 | 82,493 | 3/4 | 97,674 | 3/4 | 112,853 | 3/4 | 128,028 | 3/4 | 143,204 |
| 6 | 7,594 | 6 | 22,774 | 6 | 37,955 | 6 | 52,447 | 6 | 67,628 | 6 | 82,809 | 6 | 97,990 | 6 | 113,169 | 6 | 128,345 | 6 | 143,520 |
| 1/4 | 7,910 | 1/4 | 23,091 | 1/4 | 38,257 | 1/4 | 52,764 | 1/4 | 67,944 | 1/4 | 83,125 | 1/4 | 98,306 | 1/4 | 113,486 | 1/4 | 128,661 | 1/4 | 143,836 |
| 1/2 | 8,227 | 1/2 | 23,407 | 1/2 | 38,559 | 1/2 | 53,080 | 1/2 | 68,261 | 1/2 | 83,442 | 1/2 | 98,622 | 1/2 | 113,802 | 1/2 | 128,977 | 1/2 | 144,152 |
| 3/4 | 8,543 | 3/4 | 23,723 | 3/4 | 38,862 | 3/4 | 53,396 | 3/4 | 68,577 | 3/4 | 83,758 | 3/4 | 98,939 | 3/4 | 114,118 | 3/4 | 129,293 | 3/4 | 144,468 |
| 7 | 8,859 | 7 | 24,039 | 7 | 39,164 | 7 | 53,712 | 7 | 68,893 | 7 | 84,074 | 7 | 99,255 | 7 | 114,434 | 7 | 129,609 | 7 | 144,784 |
| 1/4 | 9,175 | 1/4 | 24,356 | 1/4 | 39,466 | 1/4 | 54,029 | 1/4 | 69,209 | 1/4 | 84,390 | 1/4 | 99,571 | 1/4 | 114,750 | 1/4 | 129,925 | 1/4 | 145,101 |
| 1/2 | 9,492 | 1/2 | 24,672 | 1/2 | 39,768 | 1/2 | 54,345 | 1/2 | 69,526 | 1/2 | 84,707 | 1/2 | 99,888 | 1/2 | 115,066 | 1/2 | 130,242 | 1/2 | 145,417 |
| 3/4 | 9,808 | 3/4 | 24,988 | 3/4 | 40,069 | 3/4 | 54,661 | 3/4 | 69,842 | 3/4 | 85,023 | 3/4 | 100,204 | 3/4 | 115,382 | 3/4 | 130,558 | 3/4 | 145,733 |
| 8 | 10,124 | 8 | 25,304 | 8 | 40,371 | 8 | 54,977 | 8 | 70,158 | 8 | 85,339 | 8 | 100,520 | 8 | 115,699 | 8 | 130,874 | 8 | 146,049 |
| 1/4 | 10,440 | 1/4 | 25,621 | 1/4 | 40,673 | 1/4 | 55,294 | 1/4 | 70,475 | 1/4 | 85,655 | 1/4 | 100,836 | 1/4 | 116,015 | 1/4 | 131,190 | 1/4 | 146,365 |
| 1/2 | 10,757 | 1/2 | 25,937 | 1/2 | 40,975 | 1/2 | 55,610 | 1/2 | 70,791 | 1/2 | 85,972 | 1/2 | 101,153 | 1/2 | 116,331 | 1/2 | 131,506 | 1/2 | 146,681 |
| 3/4 | 11,073 | 3/4 | 26,253 | 3/4 | 41,277 | 3/4 | 55,926 | 3/4 | 71,107 | 3/4 | 86,288 | 3/4 | 101,469 | 3/4 | 116,647 | 3/4 | 131,822 | 3/4 | 146,998 |
| 9 | 11,389 | 9 | 26,569 | 9 | 41,579 | 9 | 56,242 | 9 | 71,423 | 9 | 86,604 | 9 | 101,785 | 9 | 116,963 | 9 | 132,138 | 9 | 147,314 |
| 1/4 | 11,705 | 1/4 | 26,886 | 1/4 | 41,880 | 1/4 | 56,559 | 1/4 | 71,740 | 1/4 | 86,920 | 1/4 | 102,101 | 1/4 | 117,279 | 1/4 | 132,455 | 1/4 | 147,630 |
| 1/2 | 12,022 | 1/2 | 27,202 | 1/2 | 42,182 | 1/2 | 56,875 | 1/2 | 72,056 | 1/2 | 87,237 | 1/2 | 102,418 | 1/2 | 117,595 | 1/2 | 132,771 | 1/2 | 147,946 |
| 3/4 | 12,338 | 3/4 | 27,518 | 3/4 | 42,484 | 3/4 | 57,191 | 3/4 | 72,372 | 3/4 | 87,553 | 3/4 | 102,734 | 3/4 | 117,912 | 3/4 | 133,087 | 3/4 | 148,262 |
| 10 | 12,654 | 10 | 27,834 | 10 | 42,786 | 10 | 57,508 | 10 | 72,688 | 10 | 87,869 | 10 | 103,050 | 10 | 118,228 | 10 | 133,403 | 10 | 148,578 |
| 1/4 | 12,970 | 1/4 | 28,151 | 1/4 | 43,088 | 1/4 | 57,824 | 1/4 | 73,005 | 1/4 | 88,186 | 1/4 | 103,366 | 1/4 | 118,544 | 1/4 | 133,719 | 1/4 | 148,894 |
| 1/2 | 13,287 | 1/2 | 28,467 | 1/2 | 43,390 | 1/2 | 58,140 | 1/2 | 73,321 | 1/2 | 88,502 | 1/2 | 103,683 | 1/2 | 118,860 | 1/2 | 134,035 | 1/2 | 149,211 |
| 3/4 | 13,603 | 3/4 | 28,783 | 3/4 | 43,692 | 3/4 | 58,456 | 3/4 | 73,637 | 3/4 | 88,818 | 3/4 | 103,999 | 3/4 | 119,176 | 3/4 | 134,351 | 3/4 | 149,527 |
| 11 | 13,919 | 11 | 29,099 | 11 | 43,993 | 11 | 58,773 | 11 | 73,953 | 11 | 89,134 | 11 | 104,315 | 11 | 119,492 | 11 | 134,668 | 11 | 149,843 |
| 1/4 | 14,235 | 1/4 | 29,416 | 1/4 | 44,295 | 1/4 | 59,089 | 1/4 | 74,270 | 1/4 | 89,451 | 1/4 | 104,632 | 1/4 | 119,809 | 1/4 | 134,984 | 1/4 | 150,159 |
| 1/2 | 14,552 | 1/2 | 29,732 | 1/2 | 44,597 | 1/2 | 59,405 | 1/2 | 74,586 | 1/2 | 89,767 | 1/2 | 104,948 | 1/2 | 120,125 | 1/2 | 135,300 | 1/2 | 150,475 |
| 3/4 | 14,868 | 3/4 | 30,048 | 3/4 | 44,899 | 3/4 | 59,721 | 3/4 | 74,902 | 3/4 | 90,083 | 3/4 | 105,264 | 3/4 | 120,441 | 3/4 | 135,616 | 3/4 | 150,791 |

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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 | 151,107 | 0 | 166,283 | 0 | 181,458 | 0 | 196,430 | 0 | 210,641 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 151,424 | 1/4 | 166,599 | 1/4 | 181,774 | 1/4 | 196,734 | 1/4 | 210,927 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 151,740 | 1/2 | 166,915 | 1/2 | 182,090 | 1/2 | 197,039 | 1/2 | 211,212 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 152,056 | 3/4 | 167,231 | 3/4 | 182,406 | 3/4 | 197,343 | 3/4 | 211,497 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 152,372 | 1 | 167,547 | 1 | 182,723 | 1 | 197,647 | 1 | 211,782 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 152,688 | 1/4 | 167,863 | 1/4 | 183,039 | 1/4 | 197,949 | 1/4 | 212,066 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 153,004 | 1/2 | 168,180 | 1/2 | 183,355 | 1/2 | 198,251 | 1/2 | 212,350 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 153,321 | 3/4 | 168,496 | 3/4 | 183,671 | 3/4 | 198,553 | 3/4 | 212,634 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 153,637 | 2 | 168,812 | 2 | 183,987 | 2 | 198,855 | 2 | 212,918 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 153,953 | 1/4 | 169,128 | 1/4 | 184,303 | 1/4 | 199,155 | 1/4 | 213,200 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 154,269 | 1/2 | 169,444 | 1/2 | 184,619 | 1/2 | 199,456 | 1/2 | 213,483 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 154,585 | 3/4 | 169,760 | 3/4 | 184,936 | 3/4 | 199,756 | 3/4 | 213,766 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 154,901 | 3 | 170,077 | 3 | 185,252 | 3 | 200,057 | 3 | 214,048 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 155,217 | 1/4 | 170,393 | 1/4 | 185,567 | 1/4 | 200,356 | 1/4 | 214,329 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 155,534 | 1/2 | 170,709 | 1/2 | 185,883 | 1/2 | 200,655 | 1/2 | 214,610 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 155,850 | 3/4 | 171,025 | 3/4 | 186,198 | 3/4 | 200,955 | 3/4 | 214,891 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 156,166 | 4 | 171,341 | 4 | 186,513 | 4 | 201,254 | 4 | 215,172 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 156,482 | 1/4 | 171,657 | 1/4 | 186,828 | 1/4 | 201,552 | 1/4 | 215,451 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 156,798 | 1/2 | 171,973 | 1/2 | 187,142 | 1/2 | 201,850 | 1/2 | 215,729 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 157,114 | 3/4 | 172,290 | 3/4 | 187,456 | 3/4 | 202,148 | 3/4 | 216,008 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 157,430 | 5 | 172,606 | 5 | 187,770 | 5 | 202,446 | 5 | 216,287 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 157,747 | 1/4 | 172,922 | 1/4 | 188,083 | 1/4 | 202,743 | 1/4 | 216,539 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 158,063 | 1/2 | 173,238 | 1/2 | 188,396 | 1/2 | 203,040 | 1/2 | 216,792 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 158,379 | 3/4 | 173,554 | 3/4 | 188,709 | 3/4 | 203,337 | 3/4 | 217,044 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 158,695 | 6 | 173,870 | 6 | 189,022 | 6 | 203,634 | 6 | 217,297 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 159,011 | 1/4 | 174,186 | 1/4 | 189,334 | 1/4 | 203,929 | 1/4 | 217,530 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 159,327 | 1/2 | 174,503 | 1/2 | 189,646 | 1/2 | 204,225 | 1/2 | 217,763 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 159,644 | 3/4 | 174,819 | 3/4 | 189,958 | 3/4 | 204,520 | 3/4 | 217,995 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 159,960 | 7 | 175,135 | 7 | 190,270 | 7 | 204,816 | 7 | 218,228 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 160,276 | 1/4 | 175,451 | 1/4 | 190,580 | 1/4 | 205,110 | 1/4 | 218,410 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 160,592 | 1/2 | 175,767 | 1/2 | 190,891 | 1/2 | 205,404 | 1/2 | 218,591 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 160,908 | 3/4 | 176,083 | 3/4 | 191,201 | 3/4 | 205,699 | 3/4 | 218,773 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 161,224 | 8 | 176,400 | 8 | 191,512 | 8 | 205,993 | 8 | 218,954 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 161,540 | 1/4 | 176,716 | 1/4 | 191,821 | 1/4 | 206,286 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 161,857 | 1/2 | 177,032 | 1/2 | 192,130 | 1/2 | 206,579 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 162,173 | 3/4 | 177,348 | 3/4 | 192,440 | 3/4 | 206,872 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 162,489 | 9 | 177,664 | 9 | 192,749 | 9 | 207,165 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 162,805 | 1/4 | 177,980 | 1/4 | 193,057 | 1/4 | 207,457 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 163,121 | 1/2 | 178,296 | 1/2 | 193,365 | 1/2 | 207,749 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 163,437 | 3/4 | 178,613 | 3/4 | 193,673 | 3/4 | 208,041 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 163,753 | 10 | 178,929 | 10 | 193,981 | 10 | 208,333 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 164,070 | 1/4 | 179,245 | 1/4 | 194,288 | 1/4 | 208,624 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 164,386 | 1/2 | 179,561 | 1/2 | 194,594 | 1/2 | 208,914 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 164,702 | 3/4 | 179,877 | 3/4 | 194,901 | 3/4 | 209,205 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 165,018 | 11 | 180,193 | 11 | 195,208 | 11 | 209,496 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 165,334 | 1/4 | 180,509 | 1/4 | 195,514 | 1/4 | 209,782 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 165,650 | 1/2 | 180,826 | 1/2 | 195,819 | 1/2 | 210,069 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 165,967 | 3/4 | 181,142 | 3/4 | 196,125 | 3/4 | 210,355 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|---------|-----|---------|-----|---------|-----|---------|
| 0 | 957 | 0 | 15,117 | 0 | 30,230 | 0 | 45,334 | 0 | 60,441 | 0 | 75,555 | 0 | 90,667 | 0 | 105,777 | 0 | 120,879 | 0 | 135,943 |
| 1/4 | 1,141 | 1/4 | 15,432 | 1/4 | 30,545 | 1/4 | 45,649 | 1/4 | 60,756 | 1/4 | 75,869 | 1/4 | 90,982 | 1/4 | 106,092 | 1/4 | 121,193 | 1/4 | 136,256 |
| 1/2 | 1,324 | 1/2 | 15,747 | 1/2 | 30,860 | 1/2 | 45,963 | 1/2 | 61,071 | 1/2 | 76,184 | 1/2 | 91,297 | 1/2 | 106,407 | 1/2 | 121,507 | 1/2 | 136,569 |
| 3/4 | 1,508 | 3/4 | 16,062 | 3/4 | 31,175 | 3/4 | 46,278 | 3/4 | 61,386 | 3/4 | 76,499 | 3/4 | 91,611 | 3/4 | 106,722 | 3/4 | 121,821 | 3/4 | 136,881 |
| 1 | 1,692 | 1 | 16,376 | 1 | 31,489 | 1 | 46,592 | 1 | 61,701 | 1 | 76,814 | 1 | 91,926 | 1 | 107,036 | 1 | 122,136 | 1 | 137,194 |
| 1/4 | 1,928 | 1/4 | 16,691 | 1/4 | 31,804 | 1/4 | 46,907 | 1/4 | 62,015 | 1/4 | 77,129 | 1/4 | 92,241 | 1/4 | 107,351 | 1/4 | 122,450 | 1/4 | 137,507 |
| 1/2 | 2,164 | 1/2 | 17,006 | 1/2 | 32,119 | 1/2 | 47,221 | 1/2 | 62,330 | 1/2 | 77,444 | 1/2 | 92,556 | 1/2 | 107,666 | 1/2 | 122,764 | 1/2 | 137,820 |
| 3/4 | 2,400 | 3/4 | 17,321 | 3/4 | 32,434 | 3/4 | 47,536 | 3/4 | 62,645 | 3/4 | 77,759 | 3/4 | 92,871 | 3/4 | 107,981 | 3/4 | 123,078 | 3/4 | 138,132 |
| 2 | 2,636 | 2 | 17,636 | 2 | 32,749 | 2 | 47,850 | 2 | 62,960 | 2 | 78,074 | 2 | 93,185 | 2 | 108,296 | 2 | 123,392 | 2 | 138,445 |
| 1/4 | 2,925 | 1/4 | 17,951 | 1/4 | 33,064 | 1/4 | 48,165 | 1/4 | 63,275 | 1/4 | 78,388 | 1/4 | 93,500 | 1/4 | 108,610 | 1/4 | 123,707 | 1/4 | 138,758 |
| 1/2 | 3,213 | 1/2 | 18,266 | 1/2 | 33,379 | 1/2 | 48,479 | 1/2 | 63,590 | 1/2 | 78,703 | 1/2 | 93,815 | 1/2 | 108,925 | 1/2 | 124,021 | 1/2 | 139,071 |
| 3/4 | 3,502 | 3/4 | 18,580 | 3/4 | 33,693 | 3/4 | 48,794 | 3/4 | 63,905 | 3/4 | 79,018 | 3/4 | 94,130 | 3/4 | 109,240 | 3/4 | 124,335 | 3/4 | 139,383 |
| 3 | 3,790 | 3 | 18,895 | 3 | 34,008 | 3 | 49,108 | 3 | 64,219 | 3 | 79,333 | 3 | 94,445 | 3 | 109,555 | 3 | 124,649 | 3 | 139,696 |
| 1/4 | 4,104 | 1/4 | 19,210 | 1/4 | 34,323 | 1/4 | 49,423 | 1/4 | 64,534 | 1/4 | 79,648 | 1/4 | 94,759 | 1/4 | 109,869 | 1/4 | 124,963 | 1/4 | 140,010 |
| 1/2 | 4,417 | 1/2 | 19,525 | 1/2 | 34,638 | 1/2 | 49,737 | 1/2 | 64,849 | 1/2 | 79,963 | 1/2 | 95,074 | 1/2 | 110,184 | 1/2 | 125,278 | 1/2 | 140,323 |
| 3/4 | 4,730 | 3/4 | 19,840 | 3/4 | 34,953 | 3/4 | 50,051 | 3/4 | 65,164 | 3/4 | 80,278 | 3/4 | 95,389 | 3/4 | 110,499 | 3/4 | 125,592 | 3/4 | 140,636 |
| 4 | 5,044 | 4 | 20,155 | 4 | 35,268 | 4 | 50,366 | 4 | 65,479 | 4 | 80,592 | 4 | 95,704 | 4 | 110,814 | 4 | 125,906 | 4 | 140,950 |
| 1/4 | 5,358 | 1/4 | 20,470 | 1/4 | 35,583 | 1/4 | 50,681 | 1/4 | 65,794 | 1/4 | 80,907 | 1/4 | 96,019 | 1/4 | 111,128 | 1/4 | 126,220 | 1/4 | 141,263 |
| 1/2 | 5,673 | 1/2 | 20,784 | 1/2 | 35,897 | 1/2 | 50,995 | 1/2 | 66,109 | 1/2 | 81,222 | 1/2 | 96,333 | 1/2 | 111,443 | 1/2 | 126,534 | 1/2 | 141,577 |
| 3/4 | 5,987 | 3/4 | 21,099 | 3/4 | 36,212 | 3/4 | 51,310 | 3/4 | 66,424 | 3/4 | 81,537 | 3/4 | 96,648 | 3/4 | 111,758 | 3/4 | 126,849 | 3/4 | 141,890 |
| 5 | 6,301 | 5 | 21,414 | 5 | 36,527 | 5 | 51,625 | 5 | 66,738 | 5 | 81,852 | 5 | 96,963 | 5 | 112,073 | 5 | 127,163 | 5 | 142,203 |
| 1/4 | 6,616 | 1/4 | 21,729 | 1/4 | 36,842 | 1/4 | 51,940 | 1/4 | 67,053 | 1/4 | 82,167 | 1/4 | 97,278 | 1/4 | 112,387 | 1/4 | 127,477 | 1/4 | 142,517 |
| 1/2 | 6,931 | 1/2 | 22,044 | 1/2 | 37,157 | 1/2 | 52,255 | 1/2 | 67,368 | 1/2 | 82,482 | 1/2 | 97,593 | 1/2 | 112,702 | 1/2 | 127,791 | 1/2 | 142,830 |
| 3/4 | 7,246 | 3/4 | 22,359 | 3/4 | 37,472 | 3/4 | 52,569 | 3/4 | 67,683 | 3/4 | 82,797 | 3/4 | 97,907 | 3/4 | 113,017 | 3/4 | 128,105 | 3/4 | 143,144 |
| 6 | 7,561 | 6 | 22,674 | 6 | 37,786 | 6 | 52,884 | 6 | 67,998 | 6 | 83,111 | 6 | 98,222 | 6 | 113,331 | 6 | 128,420 | 6 | 143,457 |
| 1/4 | 7,875 | 1/4 | 22,988 | 1/4 | 38,101 | 1/4 | 53,199 | 1/4 | 68,313 | 1/4 | 83,426 | 1/4 | 98,537 | 1/4 | 113,646 | 1/4 | 128,734 | 1/4 | 143,771 |
| 1/2 | 8,190 | 1/2 | 23,303 | 1/2 | 38,416 | 1/2 | 53,514 | 1/2 | 68,628 | 1/2 | 83,741 | 1/2 | 98,852 | 1/2 | 113,961 | 1/2 | 129,048 | 1/2 | 144,084 |
| 3/4 | 8,505 | 3/4 | 23,618 | 3/4 | 38,730 | 3/4 | 53,829 | 3/4 | 68,942 | 3/4 | 84,056 | 3/4 | 99,166 | 3/4 | 114,276 | 3/4 | 129,362 | 3/4 | 144,397 |
| 7 | 8,820 | 7 | 23,933 | 7 | 39,045 | 7 | 54,144 | 7 | 69,257 | 7 | 84,371 | 7 | 99,481 | 7 | 114,590 | 7 | 129,676 | 7 | 144,711 |
| 1/4 | 9,135 | 1/4 | 24,248 | 1/4 | 39,359 | 1/4 | 54,459 | 1/4 | 69,572 | 1/4 | 84,686 | 1/4 | 99,796 | 1/4 | 114,905 | 1/4 | 129,991 | 1/4 | 145,024 |
| 1/2 | 9,450 | 1/2 | 24,563 | 1/2 | 39,674 | 1/2 | 54,773 | 1/2 | 69,887 | 1/2 | 85,001 | 1/2 | 100,111 | 1/2 | 115,220 | 1/2 | 130,305 | 1/2 | 145,338 |
| 3/4 | 9,765 | 3/4 | 24,878 | 3/4 | 39,988 | 3/4 | 55,088 | 3/4 | 70,202 | 3/4 | 85,315 | 3/4 | 100,426 | 3/4 | 115,535 | 3/4 | 130,619 | 3/4 | 145,651 |
| 8 | 10,079 | 8 | 25,192 | 8 | 40,303 | 8 | 55,403 | 8 | 70,517 | 8 | 85,630 | 8 | 100,740 | 8 | 115,849 | 8 | 130,933 | 8 | 145,964 |
| 1/4 | 10,394 | 1/4 | 25,507 | 1/4 | 40,617 | 1/4 | 55,718 | 1/4 | 70,832 | 1/4 | 85,945 | 1/4 | 101,055 | 1/4 | 116,164 | 1/4 | 131,247 | 1/4 | 146,278 |
| 1/2 | 10,709 | 1/2 | 25,822 | 1/2 | 40,932 | 1/2 | 56,033 | 1/2 | 71,147 | 1/2 | 86,260 | 1/2 | 101,370 | 1/2 | 116,479 | 1/2 | 131,562 | 1/2 | 146,591 |
| 3/4 | 11,024 | 3/4 | 26,137 | 3/4 | 41,246 | 3/4 | 56,348 | 3/4 | 71,461 | 3/4 | 86,575 | 3/4 | 101,685 | 3/4 | 116,794 | 3/4 | 131,876 | 3/4 | 146,905 |
| 9 | 11,339 | 9 | 26,452 | 9 | 41,561 | 9 | 56,663 | 9 | 71,776 | 9 | 86,890 | 9 | 102,000 | 9 | 117,108 | 9 | 132,190 | 9 | 147,218 |
| 1/4 | 11,654 | 1/4 | 26,767 | 1/4 | 41,875 | 1/4 | 56,978 | 1/4 | 72,091 | 1/4 | 87,204 | 1/4 | 102,314 | 1/4 | 117,423 | 1/4 | 132,503 | 1/4 | 147,387 |
| 1/2 | 11,969 | 1/2 | 27,081 | 1/2 | 42,190 | 1/2 | 57,292 | 1/2 | 72,406 | 1/2 | 87,519 | 1/2 | 102,629 | 1/2 | 117,737 | 1/2 | 132,815 | 1/2 | 147,557 |
| 3/4 | 12,283 | 3/4 | 27,396 | 3/4 | 42,504 | 3/4 | 57,607 | 3/4 | 72,721 | 3/4 | 87,834 | 3/4 | 102,944 | 3/4 | 118,051 | 3/4 | 133,128 | 3/4 | 147,726 |
| 10 | 12,598 | 10 | 27,711 | 10 | 42,819 | 10 | 57,922 | 10 | 73,036 | 10 | 88,149 | 10 | 103,259 | 10 | 118,365 | 10 | 133,441 | 10 | 147,895 |
| 1/4 | 12,913 | 1/4 | 28,026 | 1/4 | 43,133 | 1/4 | 58,237 | 1/4 | 73,351 | 1/4 | 88,463 | 1/4 | 103,574 | 1/4 | 118,679 | 1/4 | 133,754 | 1/4 | 148,065 |
| 1/2 | 13,228 | 1/2 | 28,341 | 1/2 | 43,448 | 1/2 | 58,552 | 1/2 | 73,665 | 1/2 | 88,778 | 1/2 | 103,888 | 1/2 | 118,994 | 1/2 | 134,067 | 1/2 | 148,234 |
| 3/4 | 13,543 | 3/4 | 28,656 | 3/4 | 43,762 | 3/4 | 58,867 | 3/4 | 73,980 | 3/4 | 89,093 | 3/4 | 104,203 | 3/4 | 119,308 | 3/4 | 134,379 | 3/4 | 148,403 |
| 11 | 13,858 | 11 | 28,971 | 11 | 44,077 | 11 | 59,182 | 11 | 74,295 | 11 | 89,408 | 11 | 104,518 | 11 | 119,622 | 11 | 134,692 | 11 | 148,573 |
| 1/4 | 14,173 | 1/4 | 29,285 | 1/4 | 44,391 | 1/4 | 59,496 | 1/4 | 74,610 | 1/4 | 89,723 | 1/4 | 104,833 | 1/4 | 119,936 | 1/4 | 135,005 | 1/4 | 148,742 |
| 1/2 | 14,487 | 1/2 | 29,600 | 1/2 | 44,705 | 1/2 | 59,811 | 1/2 | 74,925 | 1/2 | 90,037 | 1/2 | 105,148 | 1/2 | 120,250 | 1/2 | 135,318 | 1/2 | 148,911 |
| 3/4 | 14,802 | 3/4 | 29,915 | 3/4 | 45,020 | 3/4 | 60,126 | 3/4 | 75,240 | 3/4 | 90,352 | 3/4 | 105,462 | 3/4 | 120,565 | 3/4 | 135,630 | 3/4 | 149,081 |

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 149,250 | 0 | 157,377 | 0 | 165,505 | 0 | 173,524 | 0 | 181,137 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 149,419 | 1/4 | 157,547 | 1/4 | 165,674 | 1/4 | 173,687 | 1/4 | 181,290 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 149,589 | 1/2 | 157,716 | 1/2 | 165,843 | 1/2 | 173,850 | 1/2 | 181,443 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 149,758 | 3/4 | 157,885 | 3/4 | 166,013 | 3/4 | 174,013 | 3/4 | 181,596 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 149,927 | 1 | 158,055 | 1 | 166,182 | 1 | 174,176 | 1 | 181,748 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 150,097 | 1/4 | 158,224 | 1/4 | 166,351 | 1/4 | 174,338 | 1/4 | 181,901 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 150,266 | 1/2 | 158,393 | 1/2 | 166,520 | 1/2 | 174,499 | 1/2 | 182,053 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 150,435 | 3/4 | 158,563 | 3/4 | 166,690 | 3/4 | 174,661 | 3/4 | 182,205 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 150,605 | 2 | 158,732 | 2 | 166,859 | 2 | 174,823 | 2 | 182,357 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 150,774 | 1/4 | 158,901 | 1/4 | 167,028 | 1/4 | 174,984 | 1/4 | 182,508 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 150,943 | 1/2 | 159,070 | 1/2 | 167,198 | 1/2 | 175,145 | 1/2 | 182,659 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 151,112 | 3/4 | 159,240 | 3/4 | 167,367 | 3/4 | 175,306 | 3/4 | 182,811 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 151,282 | 3 | 159,409 | 3 | 167,536 | 3 | 175,467 | 3 | 182,962 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 151,451 | 1/4 | 159,578 | 1/4 | 167,705 | 1/4 | 175,627 | 1/4 | 183,113 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 151,620 | 1/2 | 159,748 | 1/2 | 167,874 | 1/2 | 175,787 | 1/2 | 183,263 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 151,790 | 3/4 | 159,917 | 3/4 | 168,043 | 3/4 | 175,948 | 3/4 | 183,413 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 151,959 | 4 | 160,086 | 4 | 168,212 | 4 | 176,108 | 4 | 183,563 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 152,128 | 1/4 | 160,256 | 1/4 | 168,381 | 1/4 | 176,268 | 1/4 | 183,712 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 152,298 | 1/2 | 160,425 | 1/2 | 168,549 | 1/2 | 176,428 | 1/2 | 183,861 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 152,467 | 3/4 | 160,594 | 3/4 | 168,717 | 3/4 | 176,587 | 3/4 | 184,009 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 152,636 | 5 | 160,764 | 5 | 168,886 | 5 | 176,747 | 5 | 184,158 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 152,806 | 1/4 | 160,933 | 1/4 | 169,053 | 1/4 | 176,906 | 1/4 | 184,281 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 152,975 | 1/2 | 161,102 | 1/2 | 169,221 | 1/2 | 177,065 | 1/2 | 184,404 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 153,144 | 3/4 | 161,272 | 3/4 | 169,389 | 3/4 | 177,224 | 3/4 | 184,527 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 153,314 | 6 | 161,441 | 6 | 169,556 | 6 | 177,383 | 6 | 184,650 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 153,483 | 1/4 | 161,610 | 1/4 | 169,723 | 1/4 | 177,542 | 1/4 | 184,739 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 153,652 | 1/2 | 161,780 | 1/2 | 169,890 | 1/2 | 177,700 | 1/2 | 184,827 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 153,822 | 3/4 | 161,949 | 3/4 | 170,057 | 3/4 | 177,858 | 3/4 | 184,916 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 153,991 | 7 | 162,118 | 7 | 170,224 | 7 | 178,017 | 7 | 185,004 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 154,160 | 1/4 | 162,288 | 1/4 | 170,391 | 1/4 | 178,174 | 1/4 | 185,040 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 154,330 | 1/2 | 162,457 | 1/2 | 170,557 | 1/2 | 178,332 | 1/2 | 185,077 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 154,499 | 3/4 | 162,626 | 3/4 | 170,723 | 3/4 | 178,490 | 3/4 | 185,114 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 154,668 | 8 | 162,795 | 8 | 170,890 | 8 | 178,647 | 8 | 185,150 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 154,837 | 1/4 | 162,965 | 1/4 | 171,055 | 1/4 | 178,804 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 155,007 | 1/2 | 163,134 | 1/2 | 171,221 | 1/2 | 178,961 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 155,176 | 3/4 | 163,303 | 3/4 | 171,386 | 3/4 | 179,119 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 155,345 | 9 | 163,473 | 9 | 171,552 | 9 | 179,276 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 155,515 | 1/4 | 163,642 | 1/4 | 171,717 | 1/4 | 179,432 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 155,684 | 1/2 | 163,811 | 1/2 | 171,882 | 1/2 | 179,588 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 155,853 | 3/4 | 163,981 | 3/4 | 172,047 | 3/4 | 179,745 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 156,023 | 10 | 164,150 | 10 | 172,212 | 10 | 179,901 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 156,192 | 1/4 | 164,319 | 1/4 | 172,376 | 1/4 | 180,057 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 156,361 | 1/2 | 164,489 | 1/2 | 172,541 | 1/2 | 180,212 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 156,531 | 3/4 | 164,658 | 3/4 | 172,705 | 3/4 | 180,368 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 156,700 | 11 | 164,827 | 11 | 172,869 | 11 | 180,524 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 156,869 | 1/4 | 164,997 | 1/4 | 173,033 | 1/4 | 180,677 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 157,039 | 1/2 | 165,166 | 1/2 | 173,197 | 1/2 | 180,831 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 157,208 | 3/4 | 165,335 | 3/4 | 173,360 | 3/4 | 180,984 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|---------|-----|---------|-----|---------|-----|---------|
| 0 | 957 | 0 | 15,095 | 0 | 30,185 | 0 | 44,782 | 0 | 59,600 | 0 | 74,665 | 0 | 89,749 | 0 | 104,831 | 0 | 119,905 | 0 | 134,933 |
| 1/4 | 1,141 | 1/4 | 15,409 | 1/4 | 30,499 | 1/4 | 45,082 | 1/4 | 59,912 | 1/4 | 74,979 | 1/4 | 90,063 | 1/4 | 105,145 | 1/4 | 120,218 | 1/4 | 135,245 |
| 1/2 | 1,324 | 1/2 | 15,724 | 1/2 | 30,813 | 1/2 | 45,382 | 1/2 | 60,224 | 1/2 | 75,294 | 1/2 | 90,378 | 1/2 | 105,460 | 1/2 | 120,532 | 1/2 | 135,557 |
| 3/4 | 1,508 | 3/4 | 16,038 | 3/4 | 31,128 | 3/4 | 45,682 | 3/4 | 60,536 | 3/4 | 75,608 | 3/4 | 90,692 | 3/4 | 105,774 | 3/4 | 120,845 | 3/4 | 135,869 |
| 1 | 1,692 | 1 | 16,353 | 1 | 31,442 | 1 | 45,983 | 1 | 60,847 | 1 | 75,922 | 1 | 91,006 | 1 | 106,088 | 1 | 121,159 | 1 | 136,182 |
| 1/4 | 1,927 | 1/4 | 16,667 | 1/4 | 31,756 | 1/4 | 46,283 | 1/4 | 61,159 | 1/4 | 76,236 | 1/4 | 91,320 | 1/4 | 106,402 | 1/4 | 121,472 | 1/4 | 136,494 |
| 1/2 | 2,163 | 1/2 | 16,981 | 1/2 | 32,071 | 1/2 | 46,583 | 1/2 | 61,471 | 1/2 | 76,551 | 1/2 | 91,635 | 1/2 | 106,716 | 1/2 | 121,786 | 1/2 | 136,806 |
| 3/4 | 2,399 | 3/4 | 17,296 | 3/4 | 32,385 | 3/4 | 46,883 | 3/4 | 61,782 | 3/4 | 76,865 | 3/4 | 91,949 | 3/4 | 107,031 | 3/4 | 122,099 | 3/4 | 137,118 |
| 2 | 2,634 | 2 | 17,610 | 2 | 32,700 | 2 | 47,183 | 2 | 62,094 | 2 | 77,179 | 2 | 92,263 | 2 | 107,345 | 2 | 122,412 | 2 | 137,430 |
| 1/4 | 2,922 | 1/4 | 17,924 | 1/4 | 33,014 | 1/4 | 47,484 | 1/4 | 62,408 | 1/4 | 77,494 | 1/4 | 92,577 | 1/4 | 107,659 | 1/4 | 122,725 | 1/4 | 137,742 |
| 1/2 | 3,210 | 1/2 | 18,239 | 1/2 | 33,328 | 1/2 | 47,784 | 1/2 | 62,723 | 1/2 | 77,808 | 1/2 | 92,891 | 1/2 | 107,973 | 1/2 | 123,039 | 1/2 | 138,055 |
| 3/4 | 3,497 | 3/4 | 18,553 | 3/4 | 33,643 | 3/4 | 48,084 | 3/4 | 63,037 | 3/4 | 78,122 | 3/4 | 93,206 | 3/4 | 108,287 | 3/4 | 123,352 | 3/4 | 138,367 |
| 3 | 3,785 | 3 | 18,867 | 3 | 33,957 | 3 | 48,384 | 3 | 63,351 | 3 | 78,436 | 3 | 93,520 | 3 | 108,602 | 3 | 123,665 | 3 | 138,679 |
| 1/4 | 4,098 | 1/4 | 19,182 | 1/4 | 34,259 | 1/4 | 48,696 | 1/4 | 63,665 | 1/4 | 78,751 | 1/4 | 93,834 | 1/4 | 108,916 | 1/4 | 123,979 | 1/4 | 138,992 |
| 1/2 | 4,411 | 1/2 | 19,496 | 1/2 | 34,562 | 1/2 | 49,008 | 1/2 | 63,980 | 1/2 | 79,065 | 1/2 | 94,148 | 1/2 | 109,230 | 1/2 | 124,292 | 1/2 | 139,305 |
| 3/4 | 4,723 | 3/4 | 19,811 | 3/4 | 34,864 | 3/4 | 49,320 | 3/4 | 64,294 | 3/4 | 79,379 | 3/4 | 94,462 | 3/4 | 109,544 | 3/4 | 124,605 | 3/4 | 139,617 |
| 4 | 5,036 | 4 | 20,125 | 4 | 35,167 | 4 | 49,633 | 4 | 64,608 | 4 | 79,694 | 4 | 94,777 | 4 | 109,858 | 4 | 124,918 | 4 | 139,930 |
| 1/4 | 5,351 | 1/4 | 20,439 | 1/4 | 35,468 | 1/4 | 49,943 | 1/4 | 64,922 | 1/4 | 80,008 | 1/4 | 95,091 | 1/4 | 110,172 | 1/4 | 125,232 | 1/4 | 140,243 |
| 1/2 | 5,665 | 1/2 | 20,754 | 1/2 | 35,769 | 1/2 | 50,254 | 1/2 | 65,237 | 1/2 | 80,322 | 1/2 | 95,405 | 1/2 | 110,486 | 1/2 | 125,545 | 1/2 | 140,556 |
| 3/4 | 5,979 | 3/4 | 21,068 | 3/4 | 36,071 | 3/4 | 50,565 | 3/4 | 65,551 | 3/4 | 80,636 | 3/4 | 95,719 | 3/4 | 110,801 | 3/4 | 125,858 | 3/4 | 140,869 |
| 5 | 6,293 | 5 | 21,382 | 5 | 36,372 | 5 | 50,876 | 5 | 65,865 | 5 | 80,951 | 5 | 96,033 | 5 | 111,115 | 5 | 126,172 | 5 | 141,182 |
| 1/4 | 6,607 | 1/4 | 21,697 | 1/4 | 36,673 | 1/4 | 51,187 | 1/4 | 66,180 | 1/4 | 81,265 | 1/4 | 96,348 | 1/4 | 111,429 | 1/4 | 126,485 | 1/4 | 141,494 |
| 1/2 | 6,922 | 1/2 | 22,011 | 1/2 | 36,974 | 1/2 | 51,498 | 1/2 | 66,494 | 1/2 | 81,579 | 1/2 | 96,662 | 1/2 | 111,743 | 1/2 | 126,798 | 1/2 | 141,807 |
| 3/4 | 7,236 | 3/4 | 22,325 | 3/4 | 37,276 | 3/4 | 51,809 | 3/4 | 66,808 | 3/4 | 81,893 | 3/4 | 96,976 | 3/4 | 112,057 | 3/4 | 127,111 | 3/4 | 142,120 |
| 6 | 7,550 | 6 | 22,640 | 6 | 37,577 | 6 | 52,120 | 6 | 67,122 | 6 | 82,208 | 6 | 97,290 | 6 | 112,371 | 6 | 127,425 | 6 | 142,433 |
| 1/4 | 7,865 | 1/4 | 22,954 | 1/4 | 37,877 | 1/4 | 52,432 | 1/4 | 67,437 | 1/4 | 82,522 | 1/4 | 97,604 | 1/4 | 112,685 | 1/4 | 127,738 | 1/4 | 142,746 |
| 1/2 | 8,179 | 1/2 | 23,269 | 1/2 | 38,177 | 1/2 | 52,743 | 1/2 | 67,751 | 1/2 | 82,836 | 1/2 | 97,919 | 1/2 | 113,000 | 1/2 | 128,051 | 1/2 | 143,059 |
| 3/4 | 8,493 | 3/4 | 23,583 | 3/4 | 38,478 | 3/4 | 53,055 | 3/4 | 68,065 | 3/4 | 83,151 | 3/4 | 98,233 | 3/4 | 113,314 | 3/4 | 128,365 | 3/4 | 143,371 |
| 7 | 8,808 | 7 | 23,897 | 7 | 38,778 | 7 | 53,367 | 7 | 68,380 | 7 | 83,465 | 7 | 98,547 | 7 | 113,628 | 7 | 128,678 | 7 | 143,684 |
| 1/4 | 9,122 | 1/4 | 24,212 | 1/4 | 39,078 | 1/4 | 53,678 | 1/4 | 68,694 | 1/4 | 83,779 | 1/4 | 98,861 | 1/4 | 113,942 | 1/4 | 128,992 | 1/4 | 143,997 |
| 1/2 | 9,436 | 1/2 | 24,526 | 1/2 | 39,378 | 1/2 | 53,990 | 1/2 | 69,008 | 1/2 | 84,093 | 1/2 | 99,175 | 1/2 | 114,256 | 1/2 | 129,305 | 1/2 | 144,310 |
| 3/4 | 9,751 | 3/4 | 24,840 | 3/4 | 39,679 | 3/4 | 54,302 | 3/4 | 69,322 | 3/4 | 84,408 | 3/4 | 99,490 | 3/4 | 114,570 | 3/4 | 129,619 | 3/4 | 144,623 |
| 8 | 10,065 | 8 | 25,155 | 8 | 39,979 | 8 | 54,614 | 8 | 69,637 | 8 | 84,722 | 8 | 99,804 | 8 | 114,884 | 8 | 129,932 | 8 | 144,936 |
| 1/4 | 10,380 | 1/4 | 25,469 | 1/4 | 40,279 | 1/4 | 54,925 | 1/4 | 69,951 | 1/4 | 85,036 | 1/4 | 100,118 | 1/4 | 115,199 | 1/4 | 130,246 | 1/4 | 145,248 |
| 1/2 | 10,694 | 1/2 | 25,784 | 1/2 | 40,579 | 1/2 | 55,237 | 1/2 | 70,265 | 1/2 | 85,350 | 1/2 | 100,432 | 1/2 | 115,513 | 1/2 | 130,560 | 1/2 | 145,561 |
| 3/4 | 11,008 | 3/4 | 26,098 | 3/4 | 40,879 | 3/4 | 55,549 | 3/4 | 70,579 | 3/4 | 85,665 | 3/4 | 100,746 | 3/4 | 115,827 | 3/4 | 130,873 | 3/4 | 145,874 |
| 9 | 11,323 | 9 | 26,412 | 9 | 41,180 | 9 | 55,860 | 9 | 70,894 | 9 | 85,979 | 9 | 101,061 | 9 | 116,141 | 9 | 131,187 | 9 | 146,187 |
| 1/4 | 11,637 | 1/4 | 26,727 | 1/4 | 41,480 | 1/4 | 56,172 | 1/4 | 71,208 | 1/4 | 86,293 | 1/4 | 101,375 | 1/4 | 116,455 | 1/4 | 131,499 | 1/4 | 146,356 |
| 1/2 | 11,951 | 1/2 | 27,041 | 1/2 | 41,780 | 1/2 | 56,484 | 1/2 | 71,522 | 1/2 | 86,607 | 1/2 | 101,689 | 1/2 | 116,768 | 1/2 | 131,811 | 1/2 | 146,524 |
| 3/4 | 12,266 | 3/4 | 27,355 | 3/4 | 42,080 | 3/4 | 56,795 | 3/4 | 71,837 | 3/4 | 86,921 | 3/4 | 102,003 | 3/4 | 117,082 | 3/4 | 132,123 | 3/4 | 146,693 |
| 10 | 12,580 | 10 | 27,670 | 10 | 42,380 | 10 | 57,107 | 10 | 72,151 | 10 | 87,236 | 10 | 102,318 | 10 | 117,396 | 10 | 132,436 | 10 | 146,862 |
| 1/4 | 12,895 | 1/4 | 27,984 | 1/4 | 42,681 | 1/4 | 57,419 | 1/4 | 72,465 | 1/4 | 87,550 | 1/4 | 102,632 | 1/4 | 117,709 | 1/4 | 132,748 | 1/4 | 147,030 |
| 1/2 | 13,209 | 1/2 | 28,298 | 1/2 | 42,981 | 1/2 | 57,730 | 1/2 | 72,779 | 1/2 | 87,864 | 1/2 | 102,946 | 1/2 | 118,023 | 1/2 | 133,060 | 1/2 | 147,199 |
| 3/4 | 13,523 | 3/4 | 28,613 | 3/4 | 43,281 | 3/4 | 58,042 | 3/4 | 73,094 | 3/4 | 88,178 | 3/4 | 103,260 | 3/4 | 118,336 | 3/4 | 133,372 | 3/4 | 147,368 |
| 11 | 13,838 | 11 | 28,927 | 11 | 43,581 | 11 | 58,354 | 11 | 73,408 | 11 | 88,492 | 11 | 103,574 | 11 | 118,650 | 11 | 133,684 | 11 | 147,537 |
| 1/4 | 14,152 | 1/4 | 29,242 | 1/4 | 43,881 | 1/4 | 58,665 | 1/4 | 73,722 | 1/4 | 88,807 | 1/4 | 103,889 | 1/4 | 118,964 | 1/4 | 133,996 | 1/4 | 147,705 |
| 1/2 | 14,466 | 1/2 | 29,556 | 1/2 | 44,182 | 1/2 | 58,977 | 1/2 | 74,037 | 1/2 | 89,121 | 1/2 | 104,203 | 1/2 | 119,277 | 1/2 | 134,309 | 1/2 | 147,874 |
| 3/4 | 14,781 | 3/4 | 29,870 | 3/4 | 44,482 | 3/4 | 59,289 | 3/4 | 74,351 | 3/4 | 89,435 | 3/4 | 104,517 | 3/4 | 119,591 | 3/4 | 134,621 | 3/4 | 148,043 |

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 148,212 | 0 | 156,311 | 0 | 164,410 | 0 | 172,401 | 0 | 179,986 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 148,380 | 1/4 | 156,479 | 1/4 | 164,578 | 1/4 | 172,563 | 1/4 | 180,138 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 148,549 | 1/2 | 156,648 | 1/2 | 164,747 | 1/2 | 172,726 | 1/2 | 180,290 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 148,718 | 3/4 | 156,817 | 3/4 | 164,916 | 3/4 | 172,888 | 3/4 | 180,443 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 148,886 | 1 | 156,986 | 1 | 165,085 | 1 | 173,050 | 1 | 180,595 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 149,055 | 1/4 | 157,154 | 1/4 | 165,253 | 1/4 | 173,211 | 1/4 | 180,746 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 149,224 | 1/2 | 157,323 | 1/2 | 165,422 | 1/2 | 173,373 | 1/2 | 180,898 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 149,393 | 3/4 | 157,492 | 3/4 | 165,591 | 3/4 | 173,534 | 3/4 | 181,049 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 149,561 | 2 | 157,660 | 2 | 165,760 | 2 | 173,695 | 2 | 181,201 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 149,730 | 1/4 | 157,829 | 1/4 | 165,928 | 1/4 | 173,855 | 1/4 | 181,352 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 149,899 | 1/2 | 157,998 | 1/2 | 166,097 | 1/2 | 174,016 | 1/2 | 181,502 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 150,068 | 3/4 | 158,167 | 3/4 | 166,266 | 3/4 | 174,176 | 3/4 | 181,653 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 150,236 | 3 | 158,335 | 3 | 166,434 | 3 | 174,337 | 3 | 181,804 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 150,405 | 1/4 | 158,504 | 1/4 | 166,603 | 1/4 | 174,496 | 1/4 | 181,954 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 150,574 | 1/2 | 158,673 | 1/2 | 166,771 | 1/2 | 174,656 | 1/2 | 182,103 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 150,743 | 3/4 | 158,842 | 3/4 | 166,940 | 3/4 | 174,816 | 3/4 | 182,253 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 150,911 | 4 | 159,010 | 4 | 167,108 | 4 | 174,976 | 4 | 182,403 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 151,080 | 1/4 | 159,179 | 1/4 | 167,276 | 1/4 | 175,135 | 1/4 | 182,551 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 151,249 | 1/2 | 159,348 | 1/2 | 167,444 | 1/2 | 175,294 | 1/2 | 182,699 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 151,417 | 3/4 | 159,517 | 3/4 | 167,611 | 3/4 | 175,453 | 3/4 | 182,847 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 151,586 | 5 | 159,685 | 5 | 167,779 | 5 | 175,612 | 5 | 182,995 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 151,755 | 1/4 | 159,854 | 1/4 | 167,946 | 1/4 | 175,771 | 1/4 | 183,117 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 151,924 | 1/2 | 160,023 | 1/2 | 168,113 | 1/2 | 175,929 | 1/2 | 183,240 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 152,092 | 3/4 | 160,191 | 3/4 | 168,280 | 3/4 | 176,088 | 3/4 | 183,362 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 152,261 | 6 | 160,360 | 6 | 168,447 | 6 | 176,246 | 6 | 183,485 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 152,430 | 1/4 | 160,529 | 1/4 | 168,614 | 1/4 | 176,404 | 1/4 | 183,573 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 152,599 | 1/2 | 160,698 | 1/2 | 168,780 | 1/2 | 176,562 | 1/2 | 183,661 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 152,767 | 3/4 | 160,866 | 3/4 | 168,947 | 3/4 | 176,719 | 3/4 | 183,748 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 152,936 | 7 | 161,035 | 7 | 169,113 | 7 | 176,877 | 7 | 183,836 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 153,105 | 1/4 | 161,204 | 1/4 | 169,279 | 1/4 | 177,034 | 1/4 | 183,872 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 153,273 | 1/2 | 161,373 | 1/2 | 169,444 | 1/2 | 177,191 | 1/2 | 183,908 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 153,442 | 3/4 | 161,541 | 3/4 | 169,610 | 3/4 | 177,348 | 3/4 | 183,944 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 153,611 | 8 | 161,710 | 8 | 169,776 | 8 | 177,506 | 8 | 183,980 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 153,780 | 1/4 | 161,879 | 1/4 | 169,941 | 1/4 | 177,662 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 153,948 | 1/2 | 162,047 | 1/2 | 170,106 | 1/2 | 177,818 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 154,117 | 3/4 | 162,216 | 3/4 | 170,271 | 3/4 | 177,975 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 154,286 | 9 | 162,385 | 9 | 170,436 | 9 | 178,131 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 154,455 | 1/4 | 162,554 | 1/4 | 170,600 | 1/4 | 178,287 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 154,623 | 1/2 | 162,722 | 1/2 | 170,765 | 1/2 | 178,443 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 154,792 | 3/4 | 162,891 | 3/4 | 170,929 | 3/4 | 178,599 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 154,961 | 10 | 163,060 | 10 | 171,094 | 10 | 178,754 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 155,130 | 1/4 | 163,229 | 1/4 | 171,257 | 1/4 | 178,910 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 155,298 | 1/2 | 163,397 | 1/2 | 171,421 | 1/2 | 179,065 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 155,467 | 3/4 | 163,566 | 3/4 | 171,585 | 3/4 | 179,220 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 155,636 | 11 | 163,735 | 11 | 171,749 | 11 | 179,375 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 155,804 | 1/4 | 163,904 | 1/4 | 171,912 | 1/4 | 179,528 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 155,973 | 1/2 | 164,072 | 1/2 | 172,075 | 1/2 | 179,680 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 156,142 | 3/4 | 164,241 | 3/4 | 172,238 | 3/4 | 179,833 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

ULLAGE TRIM TABLE

| | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | |
|--------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 PORT | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-3/8 | 00-3/8 |
| 1 STBD | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-3/8 | 00-3/8 |
| 2 PORT | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 |
| 2 STBD | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 |
| 3 PORT | 00-1/2 | - 00-1/2 | 01-1/8 | - 01-1/8 | 01-5/8 | - 01-5/8 | 02-1/4 | - 02-1/4 | 02-3/4 | - 02-3/4 | 03-3/8 | - 03-3/8 |
| 3 STBD | 00-1/2 | - 00-1/2 | 01-1/8 | - 01-1/8 | 01-5/8 | - 01-5/8 | 02-1/4 | - 02-1/4 | 02-3/4 | - 02-3/4 | 03-3/8 | - 03-3/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 4'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 253'-09"

November 20, 2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-07 3/4"

| 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 | |
| 0 | | 0 | 220,204 | 0 | 207,085 | 0 | 192,538 | 0 | 177,366 | 0 | 162,138 | 0 | 146,910 | 0 | 131,682 | 0 | 116,454 | 0 | 101,222 |
| 1/4 | | 1/4 | 220,022 | 1/4 | 206,790 | 1/4 | 192,226 | 1/4 | 177,049 | 1/4 | 161,821 | 1/4 | 146,593 | 1/4 | 131,365 | 1/4 | 116,137 | 1/4 | 100,905 |
| 1/2 | | 1/2 | 219,840 | 1/2 | 206,495 | 1/2 | 191,914 | 1/2 | 176,732 | 1/2 | 161,503 | 1/2 | 146,275 | 1/2 | 131,047 | 1/2 | 115,819 | 1/2 | 100,588 |
| 3/4 | | 3/4 | 219,658 | 3/4 | 206,199 | 3/4 | 191,603 | 3/4 | 176,414 | 3/4 | 161,186 | 3/4 | 145,958 | 3/4 | 130,730 | 3/4 | 115,502 | 3/4 | 100,270 |
| 1 | | 1 | 219,424 | 1 | 205,903 | 1 | 191,290 | 1 | 176,097 | 1 | 160,869 | 1 | 145,641 | 1 | 130,413 | 1 | 115,185 | 1 | 99,953 |
| 1/4 | | 1/4 | 219,190 | 1/4 | 205,606 | 1/4 | 190,977 | 1/4 | 175,780 | 1/4 | 160,552 | 1/4 | 145,324 | 1/4 | 130,096 | 1/4 | 114,868 | 1/4 | 99,635 |
| 1/2 | | 1/2 | 218,956 | 1/2 | 205,309 | 1/2 | 190,664 | 1/2 | 175,463 | 1/2 | 160,234 | 1/2 | 145,006 | 1/2 | 129,778 | 1/2 | 114,550 | 1/2 | 99,318 |
| 3/4 | | 3/4 | 218,723 | 3/4 | 205,013 | 3/4 | 190,351 | 3/4 | 175,145 | 3/4 | 159,917 | 3/4 | 144,689 | 3/4 | 129,461 | 3/4 | 114,233 | 3/4 | 99,001 |
| 2 | | 2 | 218,469 | 2 | 204,715 | 2 | 190,037 | 2 | 174,828 | 2 | 159,600 | 2 | 144,372 | 2 | 129,144 | 2 | 113,916 | 2 | 98,683 |
| 1/4 | | 1/4 | 218,216 | 1/4 | 204,417 | 1/4 | 189,723 | 1/4 | 174,511 | 1/4 | 159,283 | 1/4 | 144,055 | 1/4 | 128,827 | 1/4 | 113,599 | 1/4 | 98,366 |
| 1/2 | | 1/2 | 217,963 | 1/2 | 204,119 | 1/2 | 189,409 | 1/2 | 174,194 | 1/2 | 158,965 | 1/2 | 143,737 | 1/2 | 128,509 | 1/2 | 113,281 | 1/2 | 98,049 |
| 3/4 | | 3/4 | 217,709 | 3/4 | 203,822 | 3/4 | 189,095 | 3/4 | 173,876 | 3/4 | 158,648 | 3/4 | 143,420 | 3/4 | 128,192 | 3/4 | 112,964 | 3/4 | 97,731 |
| 3 | | 3 | 217,430 | 3 | 203,522 | 3 | 188,779 | 3 | 173,559 | 3 | 158,331 | 3 | 143,103 | 3 | 127,875 | 3 | 112,647 | 3 | 97,414 |
| 1/4 | | 1/4 | 217,150 | 1/4 | 203,223 | 1/4 | 188,464 | 1/4 | 173,242 | 1/4 | 158,014 | 1/4 | 142,786 | 1/4 | 127,558 | 1/4 | 112,330 | 1/4 | 97,097 |
| 1/2 | | 1/2 | 216,871 | 1/2 | 202,924 | 1/2 | 188,149 | 1/2 | 172,925 | 1/2 | 157,696 | 1/2 | 142,468 | 1/2 | 127,240 | 1/2 | 112,012 | 1/2 | 96,779 |
| 3/4 | | 3/4 | 216,591 | 3/4 | 202,625 | 3/4 | 187,833 | 3/4 | 172,607 | 3/4 | 157,379 | 3/4 | 142,151 | 3/4 | 126,923 | 3/4 | 111,695 | 3/4 | 96,462 |
| 4 | | 4 | 216,309 | 4 | 202,325 | 4 | 187,517 | 4 | 172,290 | 4 | 157,062 | 4 | 141,834 | 4 | 126,606 | 4 | 111,378 | 4 | 96,144 |
| 1/4 | | 1/4 | 216,027 | 1/4 | 202,025 | 1/4 | 187,200 | 1/4 | 171,973 | 1/4 | 156,745 | 1/4 | 141,517 | 1/4 | 126,289 | 1/4 | 111,061 | 1/4 | 95,827 |
| 1/2 | | 1/2 | 215,745 | 1/2 | 201,724 | 1/2 | 186,883 | 1/2 | 171,656 | 1/2 | 156,427 | 1/2 | 141,199 | 1/2 | 125,971 | 1/2 | 110,743 | 1/2 | 95,510 |
| 3/4 | | 3/4 | 215,463 | 3/4 | 201,424 | 3/4 | 186,566 | 3/4 | 171,338 | 3/4 | 156,110 | 3/4 | 140,882 | 3/4 | 125,654 | 3/4 | 110,426 | 3/4 | 95,192 |
| 5 | | 5 | 215,180 | 5 | 201,122 | 5 | 186,249 | 5 | 171,021 | 5 | 155,793 | 5 | 140,565 | 5 | 125,337 | 5 | 110,109 | 5 | 94,875 |
| 1/4 | | 1/4 | 214,896 | 1/4 | 200,821 | 1/4 | 185,932 | 1/4 | 170,704 | 1/4 | 155,476 | 1/4 | 140,248 | 1/4 | 125,020 | 1/4 | 109,791 | 1/4 | 94,558 |
| 1/2 | | 1/2 | 214,612 | 1/2 | 200,519 | 1/2 | 185,615 | 1/2 | 170,386 | 1/2 | 155,158 | 1/2 | 139,930 | 1/2 | 124,702 | 1/2 | 109,474 | 1/2 | 94,240 |
| 3/4 | | 3/4 | 214,329 | 3/4 | 200,217 | 3/4 | 185,297 | 3/4 | 170,069 | 3/4 | 154,841 | 3/4 | 139,613 | 3/4 | 124,385 | 3/4 | 109,157 | 3/4 | 93,923 |
| 6 | | 6 | 214,044 | 6 | 199,915 | 6 | 184,980 | 6 | 169,752 | 6 | 154,524 | 6 | 139,296 | 6 | 124,068 | 6 | 108,839 | 6 | 93,605 |
| 1/4 | | 1/4 | 213,759 | 1/4 | 199,612 | 1/4 | 184,663 | 1/4 | 169,435 | 1/4 | 154,207 | 1/4 | 138,979 | 1/4 | 123,751 | 1/4 | 108,522 | 1/4 | 93,288 |
| 1/2 | | 1/2 | 213,474 | 1/2 | 199,309 | 1/2 | 184,346 | 1/2 | 169,117 | 1/2 | 153,889 | 1/2 | 138,661 | 1/2 | 123,433 | 1/2 | 108,204 | 1/2 | 92,971 |
| 3/4 | | 3/4 | 213,189 | 3/4 | 199,006 | 3/4 | 184,028 | 3/4 | 168,800 | 3/4 | 153,572 | 3/4 | 138,344 | 3/4 | 123,116 | 3/4 | 107,887 | 3/4 | 92,653 |
| 7 | | 7 | 212,903 | 7 | 198,701 | 7 | 183,711 | 7 | 168,483 | 7 | 153,255 | 7 | 138,027 | 7 | 122,799 | 7 | 107,570 | 7 | 92,336 |
| 1/4 | | 1/4 | 212,617 | 1/4 | 198,395 | 1/4 | 183,394 | 1/4 | 168,166 | 1/4 | 152,938 | 1/4 | 137,710 | 1/4 | 122,482 | 1/4 | 107,252 | 1/4 | 92,019 |
| 1/2 | | 1/2 | 212,331 | 1/2 | 198,090 | 1/2 | 183,077 | 1/2 | 167,848 | 1/2 | 152,620 | 1/2 | 137,392 | 1/2 | 122,164 | 1/2 | 106,935 | 1/2 | 91,701 |
| 3/4 | | 3/4 | 212,045 | 3/4 | 197,785 | 3/4 | 182,759 | 3/4 | 167,531 | 3/4 | 152,303 | 3/4 | 137,075 | 3/4 | 121,847 | 3/4 | 106,618 | 3/4 | 91,384 |
| 8 | | 8 | 211,757 | 8 | 197,478 | 8 | 182,442 | 8 | 167,214 | 8 | 151,986 | 8 | 136,758 | 8 | 121,530 | 8 | 106,300 | 8 | 91,067 |
| 1/4 | | 1/4 | 211,470 | 1/4 | 197,172 | 1/4 | 182,125 | 1/4 | 166,897 | 1/4 | 151,669 | 1/4 | 136,441 | 1/4 | 121,213 | 1/4 | 105,983 | 1/4 | 90,749 |
| 1/2 | | 1/2 | 211,183 | 1/2 | 196,865 | 1/2 | 181,808 | 1/2 | 166,579 | 1/2 | 151,351 | 1/2 | 136,123 | 1/2 | 120,895 | 1/2 | 105,665 | 1/2 | 90,432 |
| 3/4 | | 3/4 | 210,895 | 3/4 | 196,558 | 3/4 | 181,490 | 3/4 | 166,262 | 3/4 | 151,034 | 3/4 | 135,806 | 3/4 | 120,578 | 3/4 | 105,348 | 3/4 | 90,114 |
| 9 | | 9 | 210,603 | 9 | 196,250 | 9 | 181,173 | 9 | 165,945 | 9 | 150,717 | 9 | 135,489 | 9 | 120,261 | 9 | 105,031 | 9 | 89,797 |
| 1/4 | | 1/4 | 210,312 | 1/4 | 195,943 | 1/4 | 180,856 | 1/4 | 165,628 | 1/4 | 150,400 | 1/4 | 135,172 | 1/4 | 119,944 | 1/4 | 104,713 | 1/4 | 89,480 |
| 1/2 | | 1/2 | 210,020 | 1/2 | 195,635 | 1/2 | 180,539 | 1/2 | 165,310 | 1/2 | 150,082 | 1/2 | 134,854 | 1/2 | 119,626 | 1/2 | 104,396 | 1/2 | 89,162 |
| 3/4 | | 3/4 | 209,728 | 3/4 | 195,327 | 3/4 | 180,221 | 3/4 | 164,993 | 3/4 | 149,765 | 3/4 | 134,537 | 3/4 | 119,309 | 3/4 | 104,079 | 3/4 | 88,845 |
| 10 | | 10 | 209,436 | 10 | 195,018 | 10 | 179,904 | 10 | 164,676 | 10 | 149,448 | 10 | 134,220 | 10 | 118,992 | 10 | 103,761 | 10 | 88,528 |
| 1/4 | | 1/4 | 209,143 | 1/4 | 194,709 | 1/4 | 179,587 | 1/4 | 164,359 | 1/4 | 149,131 | 1/4 | 133,903 | 1/4 | 118,675 | 1/4 | 103,444 | 1/4 | 88,210 |
| 1/2 | | 1/2 | 208,850 | 1/2 | 194,400 | 1/2 | 179,270 | 1/2 | 164,041 | 1/2 | 148,813 | 1/2 | 133,585 | 1/2 | 118,357 | 1/2 | 103,127 | 1/2 | 87,893 |
| 3/4 | | 3/4 | 208,557 | 3/4 | 194,091 | 3/4 | 178,952 | 3/4 | 163,724 | 3/4 | 148,496 | 3/4 | 133,268 | 3/4 | 118,040 | 3/4 | 102,809 | 3/4 | 87,575 |
| 11 | | 11 | 208,263 | 11 | 193,780 | 11 | 178,635 | 11 | 163,407 | 11 | 148,179 | 11 | 132,951 | 11 | 117,723 | 11 | 102,492 | 11 | 87,258 |
| 1/4 | | 1/4 | 207,969 | 1/4 | 193,470 | 1/4 | 178,318 | 1/4 | 163,090 | 1/4 | 147,862 | 1/4 | 132,634 | 1/4 | 117,406 | 1/4 | 102,174 | 1/4 | 86,941 |
| 1/2 | | 1/2 | 207,675 | 1/2 | 193,160 | 1/2 | 178,001 | 1/2 | 162,772 | 1/2 | 147,544 | 1/2 | 132,316 | 1/2 | 117,088 | 1/2 | 101,857 | 1/2 | 86,623 |
| 3/4 | | 3/4 | 220,386 | 3/4 | 207,381 | 3/4 | 192,849 | 3/4 | 177,683 | 3/4 | 162,455 | 3/4 | 147,227 | 3/4 | 131,999 | 3/4 | 116,771 | 3/4 | 86,306 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 390"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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 | 85,989 | 0 | 70,755 | 0 | 55,521 | 0 | 40,306 | 0 | 25,075 | 0 | 9,842 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 85,671 | 1/4 | 70,438 | 1/4 | 55,204 | 1/4 | 39,990 | 1/4 | 24,758 | 1/4 | 9,524 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 85,354 | 1/2 | 70,120 | 1/2 | 54,886 | 1/2 | 39,673 | 1/2 | 24,440 | 1/2 | 9,207 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 85,037 | 3/4 | 69,803 | 3/4 | 54,569 | 3/4 | 39,356 | 3/4 | 24,123 | 3/4 | 8,890 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 84,719 | 1 | 69,485 | 1 | 54,252 | 1 | 39,039 | 1 | 23,805 | 1 | 8,572 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 84,402 | 1/4 | 69,168 | 1/4 | 53,934 | 1/4 | 38,721 | 1/4 | 23,488 | 1/4 | 8,255 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 84,084 | 1/2 | 68,851 | 1/2 | 53,617 | 1/2 | 38,404 | 1/2 | 23,171 | 1/2 | 7,938 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 83,767 | 3/4 | 68,533 | 3/4 | 53,300 | 3/4 | 38,086 | 3/4 | 22,853 | 3/4 | 7,620 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 83,450 | 2 | 68,216 | 2 | 52,982 | 2 | 37,769 | 2 | 22,536 | 2 | 7,303 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 83,132 | 1/4 | 67,899 | 1/4 | 52,665 | 1/4 | 37,452 | 1/4 | 22,219 | 1/4 | 6,986 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 82,815 | 1/2 | 67,581 | 1/2 | 52,348 | 1/2 | 37,134 | 1/2 | 21,901 | 1/2 | 6,668 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 82,498 | 3/4 | 67,264 | 3/4 | 52,030 | 3/4 | 36,817 | 3/4 | 21,584 | 3/4 | 6,351 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 82,180 | 3 | 66,946 | 3 | 51,713 | 3 | 36,500 | 3 | 21,267 | 3 | 6,034 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 81,863 | 1/4 | 66,629 | 1/4 | 51,396 | 1/4 | 36,182 | 1/4 | 20,949 | 1/4 | 5,717 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 81,545 | 1/2 | 66,312 | 1/2 | 51,080 | 1/2 | 35,865 | 1/2 | 20,632 | 1/2 | 5,400 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 81,228 | 3/4 | 65,994 | 3/4 | 50,763 | 3/4 | 35,548 | 3/4 | 20,315 | 3/4 | 5,083 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 80,911 | 4 | 65,677 | 4 | 50,446 | 4 | 35,230 | 4 | 19,997 | 4 | 4,768 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 80,593 | 1/4 | 65,360 | 1/4 | 50,129 | 1/4 | 34,913 | 1/4 | 19,680 | 1/4 | 4,452 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 80,276 | 1/2 | 65,042 | 1/2 | 49,812 | 1/2 | 34,596 | 1/2 | 19,362 | 1/2 | 4,136 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,959 | 3/4 | 64,725 | 3/4 | 49,495 | 3/4 | 34,278 | 3/4 | 19,045 | 3/4 | 3,820 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 79,641 | 5 | 64,408 | 5 | 49,178 | 5 | 33,961 | 5 | 18,728 | 5 | 3,529 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 79,324 | 1/4 | 64,090 | 1/4 | 48,862 | 1/4 | 33,643 | 1/4 | 18,410 | 1/4 | 3,238 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 79,007 | 1/2 | 63,773 | 1/2 | 48,545 | 1/2 | 33,326 | 1/2 | 18,093 | 1/2 | 2,947 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 78,689 | 3/4 | 63,455 | 3/4 | 48,228 | 3/4 | 33,009 | 3/4 | 17,776 | 3/4 | 2,657 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 78,372 | 6 | 63,138 | 6 | 47,911 | 6 | 32,691 | 6 | 17,458 | 6 | 2,419 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 78,054 | 1/4 | 62,821 | 1/4 | 47,594 | 1/4 | 32,374 | 1/4 | 17,141 | 1/4 | 2,181 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 77,737 | 1/2 | 62,503 | 1/2 | 47,277 | 1/2 | 32,057 | 1/2 | 16,824 | 1/2 | 1,943 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 77,420 | 3/4 | 62,186 | 3/4 | 46,960 | 3/4 | 31,739 | 3/4 | 16,506 | 3/4 | 1,705 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 77,102 | 7 | 61,869 | 7 | 46,644 | 7 | 31,422 | 7 | 16,189 | 7 | 1,520 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 76,785 | 1/4 | 61,551 | 1/4 | 46,327 | 1/4 | 31,105 | 1/4 | 15,872 | 1/4 | 1,335 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,468 | 1/2 | 61,234 | 1/2 | 46,010 | 1/2 | 30,787 | 1/2 | 15,554 | 1/2 | 1,149 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,150 | 3/4 | 60,916 | 3/4 | 45,693 | 3/4 | 30,470 | 3/4 | 15,237 | 3/4 | 965 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 75,833 | 8 | 60,599 | 8 | 45,376 | 8 | 30,153 | 8 | 14,919 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 75,515 | 1/4 | 60,282 | 1/4 | 45,059 | 1/4 | 29,835 | 1/4 | 14,602 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,198 | 1/2 | 59,964 | 1/2 | 44,742 | 1/2 | 29,518 | 1/2 | 14,285 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,881 | 3/4 | 59,647 | 3/4 | 44,426 | 3/4 | 29,201 | 3/4 | 13,967 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 74,563 | 9 | 59,330 | 9 | 44,109 | 9 | 28,883 | 9 | 13,650 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 74,246 | 1/4 | 59,012 | 1/4 | 43,792 | 1/4 | 28,566 | 1/4 | 13,333 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,929 | 1/2 | 58,695 | 1/2 | 43,475 | 1/2 | 28,248 | 1/2 | 13,015 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,611 | 3/4 | 58,378 | 3/4 | 43,158 | 3/4 | 27,931 | 3/4 | 12,698 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 73,294 | 10 | 58,060 | 10 | 42,841 | 10 | 27,614 | 10 | 12,381 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 72,977 | 1/4 | 57,743 | 1/4 | 42,524 | 1/4 | 27,296 | 1/4 | 12,063 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 72,659 | 1/2 | 57,425 | 1/2 | 42,208 | 1/2 | 26,979 | 1/2 | 11,746 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 72,342 | 3/4 | 57,108 | 3/4 | 41,891 | 3/4 | 26,662 | 3/4 | 11,429 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 72,024 | 11 | 56,791 | 11 | 41,574 | 11 | 26,344 | 11 | 11,111 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 71,707 | 1/4 | 56,473 | 1/4 | 41,257 | 1/4 | 26,027 | 1/4 | 10,794 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 71,390 | 1/2 | 56,156 | 1/2 | 40,940 | 1/2 | 25,710 | 1/2 | 10,476 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 71,072 | 3/4 | 55,839 | 3/4 | 40,623 | 3/4 | 25,392 | 3/4 | 10,159 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|--|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | |
| 0 | | 0 | | 0 | 207,889 | 0 | 193,390 | 0 | 178,238 | 0 | 163,010 | 0 | 147,782 | 0 | 132,554 | 0 | 117,326 | 0 | 102,095 |
| 1/4 | | 1/4 | | 1/4 | 207,595 | 1/4 | 193,080 | 1/4 | 177,921 | 1/4 | 162,693 | 1/4 | 147,465 | 1/4 | 132,237 | 1/4 | 117,008 | 1/4 | 101,777 |
| 1/2 | | 1/2 | 220,306 | 1/2 | 207,301 | 1/2 | 192,769 | 1/2 | 177,603 | 1/2 | 162,375 | 1/2 | 147,147 | 1/2 | 131,919 | 1/2 | 116,691 | 1/2 | 101,460 |
| 3/4 | | 3/4 | 220,124 | 3/4 | 207,005 | 3/4 | 192,458 | 3/4 | 177,286 | 3/4 | 162,058 | 3/4 | 146,830 | 3/4 | 131,602 | 3/4 | 116,374 | 3/4 | 101,143 |
| 1 | | 1 | 219,942 | 1 | 206,710 | 1 | 192,146 | 1 | 176,969 | 1 | 161,741 | 1 | 146,513 | 1 | 131,285 | 1 | 116,057 | 1 | 100,825 |
| 1/4 | | 1/4 | 219,760 | 1/4 | 206,415 | 1/4 | 191,835 | 1/4 | 176,652 | 1/4 | 161,424 | 1/4 | 146,196 | 1/4 | 130,968 | 1/4 | 115,739 | 1/4 | 100,508 |
| 1/2 | | 1/2 | 219,578 | 1/2 | 206,119 | 1/2 | 191,523 | 1/2 | 176,334 | 1/2 | 161,106 | 1/2 | 145,878 | 1/2 | 130,650 | 1/2 | 115,422 | 1/2 | 100,190 |
| 3/4 | | 3/4 | 219,344 | 3/4 | 205,823 | 3/4 | 191,210 | 3/4 | 176,017 | 3/4 | 160,789 | 3/4 | 145,561 | 3/4 | 130,333 | 3/4 | 115,105 | 3/4 | 99,873 |
| 2 | | 2 | 219,110 | 2 | 205,526 | 2 | 190,897 | 2 | 175,700 | 2 | 160,472 | 2 | 145,244 | 2 | 130,016 | 2 | 114,788 | 2 | 99,556 |
| 1/4 | | 1/4 | 218,877 | 1/4 | 205,230 | 1/4 | 190,584 | 1/4 | 175,383 | 1/4 | 160,155 | 1/4 | 144,927 | 1/4 | 129,699 | 1/4 | 114,470 | 1/4 | 99,238 |
| 1/2 | | 1/2 | 218,643 | 1/2 | 204,933 | 1/2 | 190,271 | 1/2 | 175,065 | 1/2 | 159,837 | 1/2 | 144,609 | 1/2 | 129,381 | 1/2 | 114,153 | 1/2 | 98,921 |
| 3/4 | | 3/4 | 218,389 | 3/4 | 204,635 | 3/4 | 189,957 | 3/4 | 174,748 | 3/4 | 159,520 | 3/4 | 144,292 | 3/4 | 129,064 | 3/4 | 113,836 | 3/4 | 98,604 |
| 3 | | 3 | 218,136 | 3 | 204,337 | 3 | 189,643 | 3 | 174,431 | 3 | 159,203 | 3 | 143,975 | 3 | 128,747 | 3 | 113,519 | 3 | 98,286 |
| 1/4 | | 1/4 | 217,883 | 1/4 | 204,040 | 1/4 | 189,329 | 1/4 | 174,114 | 1/4 | 158,886 | 1/4 | 143,658 | 1/4 | 128,430 | 1/4 | 113,201 | 1/4 | 97,969 |
| 1/2 | | 1/2 | 217,629 | 1/2 | 203,742 | 1/2 | 189,015 | 1/2 | 173,796 | 1/2 | 158,568 | 1/2 | 143,340 | 1/2 | 128,112 | 1/2 | 112,884 | 1/2 | 97,651 |
| 3/4 | | 3/4 | 217,350 | 3/4 | 203,443 | 3/4 | 188,700 | 3/4 | 173,479 | 3/4 | 158,251 | 3/4 | 143,023 | 3/4 | 127,795 | 3/4 | 112,567 | 3/4 | 97,334 |
| 4 | | 4 | 217,070 | 4 | 203,144 | 4 | 188,384 | 4 | 173,162 | 4 | 157,934 | 4 | 142,706 | 4 | 127,478 | 4 | 112,250 | 4 | 97,017 |
| 1/4 | | 1/4 | 216,791 | 1/4 | 202,844 | 1/4 | 188,069 | 1/4 | 172,845 | 1/4 | 157,617 | 1/4 | 142,389 | 1/4 | 127,161 | 1/4 | 111,932 | 1/4 | 96,699 |
| 1/2 | | 1/2 | 216,511 | 1/2 | 202,545 | 1/2 | 187,754 | 1/2 | 172,527 | 1/2 | 157,299 | 1/2 | 142,071 | 1/2 | 126,843 | 1/2 | 111,615 | 1/2 | 96,382 |
| 3/4 | | 3/4 | 216,229 | 3/4 | 202,245 | 3/4 | 187,437 | 3/4 | 172,210 | 3/4 | 156,982 | 3/4 | 141,754 | 3/4 | 126,526 | 3/4 | 111,298 | 3/4 | 96,065 |
| 5 | | 5 | 215,947 | 5 | 201,945 | 5 | 187,120 | 5 | 171,893 | 5 | 156,665 | 5 | 141,437 | 5 | 126,209 | 5 | 110,981 | 5 | 95,747 |
| 1/4 | | 1/4 | 215,665 | 1/4 | 201,644 | 1/4 | 186,803 | 1/4 | 171,576 | 1/4 | 156,348 | 1/4 | 141,120 | 1/4 | 125,892 | 1/4 | 110,663 | 1/4 | 95,430 |
| 1/2 | | 1/2 | 215,383 | 1/2 | 201,344 | 1/2 | 186,486 | 1/2 | 171,258 | 1/2 | 156,030 | 1/2 | 140,802 | 1/2 | 125,574 | 1/2 | 110,346 | 1/2 | 95,113 |
| 3/4 | | 3/4 | 215,100 | 3/4 | 201,042 | 3/4 | 186,169 | 3/4 | 170,941 | 3/4 | 155,713 | 3/4 | 140,485 | 3/4 | 125,257 | 3/4 | 110,029 | 3/4 | 94,795 |
| 6 | | 6 | 214,816 | 6 | 200,741 | 6 | 185,852 | 6 | 170,624 | 6 | 155,396 | 6 | 140,168 | 6 | 124,940 | 6 | 109,711 | 6 | 94,478 |
| 1/4 | | 1/4 | 214,532 | 1/4 | 200,439 | 1/4 | 185,535 | 1/4 | 170,307 | 1/4 | 155,079 | 1/4 | 139,851 | 1/4 | 124,623 | 1/4 | 109,394 | 1/4 | 94,160 |
| 1/2 | | 1/2 | 214,249 | 1/2 | 200,138 | 1/2 | 185,217 | 1/2 | 169,989 | 1/2 | 154,761 | 1/2 | 139,533 | 1/2 | 124,305 | 1/2 | 109,077 | 1/2 | 93,843 |
| 3/4 | | 3/4 | 213,964 | 3/4 | 199,835 | 3/4 | 184,900 | 3/4 | 169,672 | 3/4 | 154,444 | 3/4 | 139,216 | 3/4 | 123,988 | 3/4 | 108,759 | 3/4 | 93,526 |
| 7 | | 7 | 213,679 | 7 | 199,532 | 7 | 184,583 | 7 | 169,355 | 7 | 154,127 | 7 | 138,899 | 7 | 123,671 | 7 | 108,442 | 7 | 93,208 |
| 1/4 | | 1/4 | 213,394 | 1/4 | 199,229 | 1/4 | 184,266 | 1/4 | 169,038 | 1/4 | 153,810 | 1/4 | 138,582 | 1/4 | 123,354 | 1/4 | 108,125 | 1/4 | 92,891 |
| 1/2 | | 1/2 | 213,109 | 1/2 | 198,926 | 1/2 | 183,948 | 1/2 | 168,720 | 1/2 | 153,492 | 1/2 | 138,264 | 1/2 | 123,036 | 1/2 | 107,807 | 1/2 | 92,574 |
| 3/4 | | 3/4 | 212,823 | 3/4 | 198,621 | 3/4 | 183,631 | 3/4 | 168,403 | 3/4 | 153,175 | 3/4 | 137,947 | 3/4 | 122,719 | 3/4 | 107,490 | 3/4 | 92,256 |
| 8 | | 8 | 212,537 | 8 | 198,316 | 8 | 183,314 | 8 | 168,086 | 8 | 152,858 | 8 | 137,630 | 8 | 122,402 | 8 | 107,173 | 8 | 91,939 |
| 1/4 | | 1/4 | 212,251 | 1/4 | 198,010 | 1/4 | 182,997 | 1/4 | 167,769 | 1/4 | 152,541 | 1/4 | 137,313 | 1/4 | 122,084 | 1/4 | 106,855 | 1/4 | 91,621 |
| 1/2 | | 1/2 | 211,965 | 1/2 | 197,705 | 1/2 | 182,679 | 1/2 | 167,451 | 1/2 | 152,223 | 1/2 | 136,995 | 1/2 | 121,767 | 1/2 | 106,538 | 1/2 | 91,304 |
| 3/4 | | 3/4 | 211,677 | 3/4 | 197,398 | 3/4 | 182,362 | 3/4 | 167,134 | 3/4 | 151,906 | 3/4 | 136,678 | 3/4 | 121,450 | 3/4 | 106,220 | 3/4 | 90,987 |
| 9 | | 9 | 211,390 | 9 | 197,092 | 9 | 182,045 | 9 | 166,817 | 9 | 151,589 | 9 | 136,361 | 9 | 121,133 | 9 | 105,903 | 9 | 90,669 |
| 1/4 | | 1/4 | 211,103 | 1/4 | 196,785 | 1/4 | 181,728 | 1/4 | 166,500 | 1/4 | 151,272 | 1/4 | 136,044 | 1/4 | 120,815 | 1/4 | 105,586 | 1/4 | 90,352 |
| 1/2 | | 1/2 | 210,815 | 1/2 | 196,479 | 1/2 | 181,410 | 1/2 | 166,182 | 1/2 | 150,954 | 1/2 | 135,726 | 1/2 | 120,498 | 1/2 | 105,268 | 1/2 | 90,035 |
| 3/4 | | 3/4 | 210,524 | 3/4 | 196,171 | 3/4 | 181,093 | 3/4 | 165,865 | 3/4 | 150,637 | 3/4 | 135,409 | 3/4 | 120,181 | 3/4 | 104,951 | 3/4 | 89,717 |
| 10 | | 10 | 210,232 | 10 | 195,863 | 10 | 180,776 | 10 | 165,548 | 10 | 150,320 | 10 | 135,092 | 10 | 119,864 | 10 | 104,634 | 10 | 89,400 |
| 1/4 | | 1/4 | 209,940 | 1/4 | 195,555 | 1/4 | 180,459 | 1/4 | 165,231 | 1/4 | 150,003 | 1/4 | 134,775 | 1/4 | 119,546 | 1/4 | 104,316 | 1/4 | 89,082 |
| 1/2 | | 1/2 | 209,649 | 1/2 | 195,247 | 1/2 | 180,141 | 1/2 | 164,913 | 1/2 | 149,685 | 1/2 | 134,457 | 1/2 | 119,229 | 1/2 | 103,999 | 1/2 | 88,765 |
| 3/4 | | 3/4 | 209,356 | 3/4 | 194,938 | 3/4 | 179,824 | 3/4 | 164,596 | 3/4 | 149,368 | 3/4 | 134,140 | 3/4 | 118,912 | 3/4 | 103,681 | 3/4 | 88,448 |
| 11 | | 11 | 209,063 | 11 | 194,629 | 11 | 179,507 | 11 | 164,279 | 11 | 149,051 | 11 | 133,823 | 11 | 118,595 | 11 | 103,364 | 11 | 88,130 |
| 1/4 | | 1/4 | 208,770 | 1/4 | 194,320 | 1/4 | 179,190 | 1/4 | 163,962 | 1/4 | 148,734 | 1/4 | 133,506 | 1/4 | 118,277 | 1/4 | 103,047 | 1/4 | 87,813 |
| 1/2 | | 1/2 | 208,477 | 1/2 | 194,011 | 1/2 | 178,872 | 1/2 | 163,644 | 1/2 | 148,416 | 1/2 | 133,188 | 1/2 | 117,960 | 1/2 | 102,729 | 1/2 | 87,496 |
| 3/4 | | 3/4 | 208,183 | 3/4 | 193,700 | 3/4 | 178,555 | 3/4 | 163,327 | 3/4 | 148,099 | 3/4 | 132,871 | 3/4 | 117,643 | 3/4 | 102,412 | 3/4 | 87,178 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 86,861 | 0 | 71,627 | 0 | 56,394 | 0 | 41,240 | 0 | 26,027 | 0 | 10,794 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 86,544 | 1/4 | 71,310 | 1/4 | 56,076 | 1/4 | 40,925 | 1/4 | 25,710 | 1/4 | 10,476 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 86,226 | 1/2 | 70,992 | 1/2 | 55,759 | 1/2 | 40,610 | 1/2 | 25,392 | 1/2 | 10,159 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 85,909 | 3/4 | 70,675 | 3/4 | 55,441 | 3/4 | 40,295 | 3/4 | 25,075 | 3/4 | 9,842 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 85,591 | 1 | 70,358 | 1 | 55,124 | 1 | 39,980 | 1 | 24,757 | 1 | 9,524 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 85,274 | 1/4 | 70,040 | 1/4 | 54,807 | 1/4 | 39,664 | 1/4 | 24,440 | 1/4 | 9,207 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 84,957 | 1/2 | 69,723 | 1/2 | 54,489 | 1/2 | 39,349 | 1/2 | 24,123 | 1/2 | 8,890 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 84,639 | 3/4 | 69,406 | 3/4 | 54,172 | 3/4 | 39,034 | 3/4 | 23,805 | 3/4 | 8,572 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 84,322 | 2 | 69,088 | 2 | 53,855 | 2 | 38,718 | 2 | 23,488 | 2 | 8,255 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 84,005 | 1/4 | 68,771 | 1/4 | 53,537 | 1/4 | 38,402 | 1/4 | 23,171 | 1/4 | 7,938 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 83,687 | 1/2 | 68,454 | 1/2 | 53,220 | 1/2 | 38,086 | 1/2 | 22,853 | 1/2 | 7,620 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 83,370 | 3/4 | 68,136 | 3/4 | 52,904 | 3/4 | 37,769 | 3/4 | 22,536 | 3/4 | 7,303 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 83,052 | 3 | 67,819 | 3 | 52,588 | 3 | 37,452 | 3 | 22,219 | 3 | 6,986 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 82,735 | 1/4 | 67,501 | 1/4 | 52,273 | 1/4 | 37,134 | 1/4 | 21,901 | 1/4 | 6,668 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 82,418 | 1/2 | 67,184 | 1/2 | 51,957 | 1/2 | 36,817 | 1/2 | 21,584 | 1/2 | 6,351 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 82,100 | 3/4 | 66,867 | 3/4 | 51,642 | 3/4 | 36,500 | 3/4 | 21,267 | 3/4 | 6,034 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 81,783 | 4 | 66,549 | 4 | 51,327 | 4 | 36,182 | 4 | 20,949 | 4 | 5,717 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 81,466 | 1/4 | 66,232 | 1/4 | 51,011 | 1/4 | 35,865 | 1/4 | 20,632 | 1/4 | 5,400 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 81,148 | 1/2 | 65,915 | 1/2 | 50,696 | 1/2 | 35,548 | 1/2 | 20,314 | 1/2 | 5,083 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 80,831 | 3/4 | 65,597 | 3/4 | 50,381 | 3/4 | 35,230 | 3/4 | 19,997 | 3/4 | 4,767 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 80,514 | 5 | 65,280 | 5 | 50,066 | 5 | 34,913 | 5 | 19,680 | 5 | 4,452 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 80,196 | 1/4 | 64,962 | 1/4 | 49,751 | 1/4 | 34,596 | 1/4 | 19,362 | 1/4 | 4,136 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 79,879 | 1/2 | 64,645 | 1/2 | 49,435 | 1/2 | 34,278 | 1/2 | 19,045 | 1/2 | 3,820 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,561 | 3/4 | 64,328 | 3/4 | 49,120 | 3/4 | 33,961 | 3/4 | 18,728 | 3/4 | 3,529 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 79,244 | 6 | 64,010 | 6 | 48,805 | 6 | 33,643 | 6 | 18,410 | 6 | 3,238 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 78,927 | 1/4 | 63,693 | 1/4 | 48,490 | 1/4 | 33,326 | 1/4 | 18,093 | 1/4 | 2,947 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 78,609 | 1/2 | 63,376 | 1/2 | 48,175 | 1/2 | 33,009 | 1/2 | 17,776 | 1/2 | 2,657 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 78,292 | 3/4 | 63,058 | 3/4 | 47,860 | 3/4 | 32,691 | 3/4 | 17,458 | 3/4 | 2,419 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 77,975 | 7 | 62,741 | 7 | 47,544 | 7 | 32,374 | 7 | 17,141 | 7 | 2,181 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 77,657 | 1/4 | 62,424 | 1/4 | 47,229 | 1/4 | 32,057 | 1/4 | 16,824 | 1/4 | 1,943 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 77,340 | 1/2 | 62,106 | 1/2 | 46,914 | 1/2 | 31,739 | 1/2 | 16,506 | 1/2 | 1,705 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 77,022 | 3/4 | 61,789 | 3/4 | 46,599 | 3/4 | 31,422 | 3/4 | 16,189 | 3/4 | 1,520 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 76,705 | 8 | 61,471 | 8 | 46,284 | 8 | 31,105 | 8 | 15,872 | 8 | 1,335 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 76,388 | 1/4 | 61,154 | 1/4 | 45,968 | 1/4 | 30,787 | 1/4 | 15,554 | 1/4 | 1,149 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,070 | 1/2 | 60,837 | 1/2 | 45,653 | 1/2 | 30,470 | 1/2 | 15,237 | 1/2 | 965 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,753 | 3/4 | 60,519 | 3/4 | 45,338 | 3/4 | 30,153 | 3/4 | 14,919 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 75,436 | 9 | 60,202 | 9 | 45,023 | 9 | 29,835 | 9 | 14,602 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 75,118 | 1/4 | 59,885 | 1/4 | 44,708 | 1/4 | 29,518 | 1/4 | 14,285 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,801 | 1/2 | 59,567 | 1/2 | 44,392 | 1/2 | 29,200 | 1/2 | 13,967 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,484 | 3/4 | 59,250 | 3/4 | 44,077 | 3/4 | 28,883 | 3/4 | 13,650 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 74,166 | 10 | 58,932 | 10 | 43,762 | 10 | 28,566 | 10 | 13,333 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 73,849 | 1/4 | 58,615 | 1/4 | 43,447 | 1/4 | 28,248 | 1/4 | 13,015 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,531 | 1/2 | 58,298 | 1/2 | 43,132 | 1/2 | 27,931 | 1/2 | 12,698 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,214 | 3/4 | 57,980 | 3/4 | 42,816 | 3/4 | 27,614 | 3/4 | 12,381 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 72,897 | 11 | 57,663 | 11 | 42,501 | 11 | 27,296 | 11 | 12,063 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 72,579 | 1/4 | 57,346 | 1/4 | 42,186 | 1/4 | 26,979 | 1/4 | 11,746 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 72,262 | 1/2 | 57,028 | 1/2 | 41,871 | 1/2 | 26,662 | 1/2 | 11,429 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 71,945 | 3/4 | 56,711 | 3/4 | 41,556 | 3/4 | 26,344 | 3/4 | 11,111 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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 | |
| 0 | | 0 | | 0 | 206,953 | 0 | 192,488 | 0 | 177,382 | 0 | 162,207 | 0 | 147,032 | 0 | 131,856 | 0 | 116,681 | 0 | 101,503 | | |
| 1/4 | 1/4 | 219,621 | 1/4 | 206,660 | 1/4 | 192,179 | 1/4 | 177,066 | 1/4 | 161,891 | 1/4 | 146,715 | 1/4 | 131,540 | 1/4 | 116,365 | 1/4 | 101,187 | 1/4 | | |
| 1/2 | 1/2 | 219,440 | 1/2 | 206,366 | 1/2 | 191,868 | 1/2 | 176,750 | 1/2 | 161,575 | 1/2 | 146,399 | 1/2 | 131,224 | 1/2 | 116,049 | 1/2 | 100,870 | 1/2 | | |
| 3/4 | 3/4 | 219,258 | 3/4 | 206,072 | 3/4 | 191,558 | 3/4 | 176,434 | 3/4 | 161,258 | 3/4 | 146,083 | 3/4 | 130,908 | 3/4 | 115,733 | 3/4 | 100,554 | 3/4 | | |
| 1 | | 219,077 | | 205,777 | | 191,247 | | 176,118 | | 160,942 | | 145,767 | | 130,592 | | 115,417 | | 100,238 | | | |
| 1/4 | 1/4 | 218,895 | 1/4 | 205,483 | 1/4 | 190,937 | 1/4 | 175,801 | 1/4 | 160,626 | 1/4 | 145,451 | 1/4 | 130,276 | 1/4 | 115,100 | 1/4 | 99,922 | 1/4 | | |
| 1/2 | 1/2 | 218,662 | 1/2 | 205,187 | 1/2 | 190,625 | 1/2 | 175,485 | 1/2 | 160,310 | 1/2 | 145,135 | 1/2 | 129,959 | 1/2 | 114,784 | 1/2 | 99,605 | 1/2 | | |
| 3/4 | 3/4 | 218,429 | 3/4 | 204,892 | 3/4 | 190,313 | 3/4 | 175,169 | 3/4 | 159,994 | 3/4 | 144,819 | 3/4 | 129,643 | 3/4 | 114,468 | 3/4 | 99,289 | 3/4 | | |
| 2 | | 218,197 | | 204,596 | | 190,001 | | 174,853 | | 159,678 | | 144,502 | | 129,327 | | 114,152 | | 98,973 | | | |
| 1/4 | 1/4 | 217,964 | 1/4 | 204,301 | 1/4 | 189,690 | 1/4 | 174,537 | 1/4 | 159,362 | 1/4 | 144,186 | 1/4 | 129,011 | 1/4 | 113,836 | 1/4 | 98,656 | 1/4 | | |
| 1/2 | 1/2 | 217,711 | 1/2 | 204,004 | 1/2 | 189,377 | 1/2 | 174,221 | 1/2 | 159,045 | 1/2 | 143,870 | 1/2 | 128,695 | 1/2 | 113,520 | 1/2 | 98,340 | 1/2 | | |
| 3/4 | 3/4 | 217,459 | 3/4 | 203,707 | 3/4 | 189,064 | 3/4 | 173,904 | 3/4 | 158,729 | 3/4 | 143,554 | 3/4 | 128,379 | 3/4 | 113,203 | 3/4 | 98,024 | 3/4 | | |
| 3 | | 217,206 | | 203,410 | | 188,750 | | 173,588 | | 158,413 | | 143,238 | | 128,063 | | 112,887 | | 97,708 | | | |
| 1/4 | 1/4 | 216,954 | 1/4 | 203,113 | 1/4 | 188,437 | 1/4 | 173,272 | 1/4 | 158,097 | 1/4 | 142,922 | 1/4 | 127,746 | 1/4 | 112,571 | 1/4 | 97,391 | 1/4 | | |
| 1/2 | 1/2 | 216,675 | 1/2 | 202,815 | 1/2 | 188,123 | 1/2 | 172,956 | 1/2 | 157,781 | 1/2 | 142,606 | 1/2 | 127,430 | 1/2 | 112,255 | 1/2 | 97,075 | 1/2 | | |
| 3/4 | 3/4 | 216,396 | 3/4 | 202,517 | 3/4 | 187,809 | 3/4 | 172,640 | 3/4 | 157,465 | 3/4 | 142,289 | 3/4 | 127,114 | 3/4 | 111,939 | 3/4 | 96,759 | 3/4 | | |
| 4 | | 216,118 | | 202,219 | | 187,495 | | 172,324 | | 157,148 | | 141,973 | | 126,798 | | 111,623 | | 96,443 | | | |
| 1/4 | 1/4 | 215,839 | 1/4 | 201,921 | 1/4 | 187,180 | 1/4 | 172,008 | 1/4 | 156,832 | 1/4 | 141,657 | 1/4 | 126,482 | 1/4 | 111,307 | 1/4 | 96,126 | 1/4 | | |
| 1/2 | 1/2 | 215,558 | 1/2 | 201,622 | 1/2 | 186,865 | 1/2 | 171,691 | 1/2 | 156,516 | 1/2 | 141,341 | 1/2 | 126,166 | 1/2 | 110,990 | 1/2 | 95,810 | 1/2 | | |
| 3/4 | 3/4 | 215,277 | 3/4 | 201,322 | 3/4 | 186,549 | 3/4 | 171,375 | 3/4 | 156,200 | 3/4 | 141,025 | 3/4 | 125,850 | 3/4 | 110,674 | 3/4 | 95,494 | 3/4 | | |
| 5 | | 214,996 | | 201,023 | | 186,234 | | 171,059 | | 155,884 | | 140,709 | | 125,533 | | 110,358 | | 95,178 | | | |
| 1/4 | 1/4 | 214,715 | 1/4 | 200,724 | 1/4 | 185,918 | 1/4 | 170,743 | 1/4 | 155,568 | 1/4 | 140,392 | 1/4 | 125,217 | 1/4 | 110,042 | 1/4 | 94,861 | 1/4 | | |
| 1/2 | 1/2 | 214,433 | 1/2 | 200,423 | 1/2 | 185,602 | 1/2 | 170,427 | 1/2 | 155,252 | 1/2 | 140,076 | 1/2 | 124,901 | 1/2 | 109,726 | 1/2 | 94,545 | 1/2 | | |
| 3/4 | 3/4 | 214,150 | 3/4 | 200,123 | 3/4 | 185,286 | 3/4 | 170,111 | 3/4 | 154,935 | 3/4 | 139,760 | 3/4 | 124,585 | 3/4 | 109,409 | 3/4 | 94,229 | 3/4 | | |
| 6 | | 213,867 | | 199,822 | | 184,970 | | 169,794 | | 154,619 | | 139,444 | | 124,269 | | 109,093 | | 93,913 | | | |
| 1/4 | 1/4 | 213,585 | 1/4 | 199,522 | 1/4 | 184,654 | 1/4 | 169,478 | 1/4 | 154,303 | 1/4 | 139,128 | 1/4 | 123,953 | 1/4 | 108,777 | 1/4 | 93,596 | 1/4 | | |
| 1/2 | 1/2 | 213,301 | 1/2 | 199,220 | 1/2 | 184,337 | 1/2 | 169,162 | 1/2 | 153,987 | 1/2 | 138,812 | 1/2 | 123,636 | 1/2 | 108,461 | 1/2 | 93,280 | 1/2 | | |
| 3/4 | 3/4 | 213,017 | 3/4 | 198,918 | 3/4 | 184,021 | 3/4 | 168,846 | 3/4 | 153,671 | 3/4 | 138,496 | 3/4 | 123,320 | 3/4 | 108,144 | 3/4 | 92,964 | 3/4 | | |
| 7 | | 212,733 | | 198,616 | | 183,705 | | 168,530 | | 153,355 | | 138,179 | | 123,004 | | 107,828 | | 92,647 | | | |
| 1/4 | 1/4 | 212,449 | 1/4 | 198,314 | 1/4 | 183,389 | 1/4 | 168,214 | 1/4 | 153,039 | 1/4 | 137,863 | 1/4 | 122,688 | 1/4 | 107,512 | 1/4 | 92,331 | 1/4 | | |
| 1/2 | 1/2 | 212,164 | 1/2 | 198,010 | 1/2 | 183,073 | 1/2 | 167,898 | 1/2 | 152,722 | 1/2 | 137,547 | 1/2 | 122,372 | 1/2 | 107,196 | 1/2 | 92,015 | 1/2 | | |
| 3/4 | 3/4 | 211,879 | 3/4 | 197,706 | 3/4 | 182,757 | 3/4 | 167,581 | 3/4 | 152,406 | 3/4 | 137,231 | 3/4 | 122,056 | 3/4 | 106,879 | 3/4 | 91,699 | 3/4 | | |
| 8 | | 211,594 | | 197,402 | | 182,441 | | 167,265 | | 152,090 | | 136,915 | | 121,740 | | 106,563 | | 91,382 | | | |
| 1/4 | 1/4 | 211,308 | 1/4 | 197,097 | 1/4 | 182,124 | 1/4 | 166,949 | 1/4 | 151,774 | 1/4 | 136,599 | 1/4 | 121,423 | 1/4 | 106,247 | 1/4 | 91,066 | 1/4 | | |
| 1/2 | 1/2 | 211,022 | 1/2 | 196,792 | 1/2 | 181,808 | 1/2 | 166,633 | 1/2 | 151,458 | 1/2 | 136,283 | 1/2 | 121,107 | 1/2 | 105,931 | 1/2 | 90,750 | 1/2 | | |
| 3/4 | 3/4 | 210,736 | 3/4 | 196,486 | 3/4 | 181,492 | 3/4 | 166,317 | 3/4 | 151,142 | 3/4 | 135,966 | 3/4 | 120,791 | 3/4 | 105,614 | 3/4 | 90,434 | 3/4 | | |
| 9 | | 210,449 | | 196,181 | | 181,176 | | 166,001 | | 150,825 | | 135,650 | | 120,475 | | 105,298 | | 90,117 | | | |
| 1/4 | 1/4 | 210,163 | 1/4 | 195,875 | 1/4 | 180,860 | 1/4 | 165,685 | 1/4 | 150,509 | 1/4 | 135,334 | 1/4 | 120,159 | 1/4 | 104,982 | 1/4 | 89,801 | 1/4 | | |
| 1/2 | 1/2 | 209,872 | 1/2 | 195,568 | 1/2 | 180,544 | 1/2 | 165,368 | 1/2 | 150,193 | 1/2 | 135,018 | 1/2 | 119,843 | 1/2 | 104,666 | 1/2 | 89,485 | 1/2 | | |
| 3/4 | 3/4 | 209,581 | 3/4 | 195,262 | 3/4 | 180,227 | 3/4 | 165,052 | 3/4 | 149,877 | 3/4 | 134,702 | 3/4 | 119,527 | 3/4 | 104,349 | 3/4 | 89,169 | 3/4 | | |
| 10 | | 209,291 | | 194,955 | | 179,911 | | 164,736 | | 149,561 | | 134,386 | | 119,210 | | 104,033 | | 88,852 | | | |
| 1/4 | 1/4 | 209,000 | 1/4 | 194,648 | 1/4 | 179,595 | 1/4 | 164,420 | 1/4 | 149,245 | 1/4 | 134,069 | 1/4 | 118,894 | 1/4 | 103,717 | 1/4 | 88,536 | 1/4 | | |
| 1/2 | 1/2 | 208,708 | 1/2 | 194,340 | 1/2 | 179,279 | 1/2 | 164,104 | 1/2 | 148,929 | 1/2 | 133,753 | 1/2 | 118,578 | 1/2 | 103,400 | 1/2 | 88,220 | 1/2 | | |
| 3/4 | 3/4 | 208,416 | 3/4 | 194,032 | 3/4 | 178,963 | 3/4 | 163,788 | 3/4 | 148,612 | 3/4 | 133,437 | 3/4 | 118,262 | 3/4 | 103,084 | 3/4 | 87,903 | 3/4 | | |
| 11 | | 208,124 | | 193,724 | | 178,647 | | 163,471 | | 148,296 | | 133,121 | | 117,946 | | 102,768 | | 87,587 | | | |
| 1/4 | 1/4 | 207,832 | 1/4 | 193,416 | 1/4 | 178,331 | 1/4 | 163,155 | 1/4 | 147,980 | 1/4 | 132,805 | 1/4 | 117,630 | 1/4 | 102,452 | 1/4 | 87,271 | 1/4 | | |
| 1/2 | 1/2 | 207,539 | 1/2 | 193,107 | 1/2 | 178,014 | 1/2 | 162,839 | 1/2 | 147,664 | 1/2 | 132,489 | 1/2 | 117,313 | 1/2 | 102,135 | 1/2 | 86,955 | 1/2 | | |
| 3/4 | 3/4 | 207,246 | 3/4 | 192,797 | 3/4 | 177,698 | 3/4 | 162,523 | 3/4 | 147,348 | 3/4 | 132,173 | 3/4 | 116,997 | 3/4 | 101,819 | 3/4 | 86,638 | 3/4 | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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 | 86,322 | 0 | 71,141 | 0 | 55,961 | 0 | 40,798 | 0 | 25,620 | 0 | 10,440 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 86,006 | 1/4 | 70,825 | 1/4 | 55,645 | 1/4 | 40,482 | 1/4 | 25,304 | 1/4 | 10,124 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 85,690 | 1/2 | 70,509 | 1/2 | 55,328 | 1/2 | 40,167 | 1/2 | 24,988 | 1/2 | 9,808 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 85,373 | 3/4 | 70,193 | 3/4 | 55,012 | 3/4 | 39,851 | 3/4 | 24,672 | 3/4 | 9,491 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 85,057 | 1 | 69,876 | 1 | 54,696 | 1 | 39,535 | 1 | 24,355 | 1 | 9,175 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 84,741 | 1/4 | 69,560 | 1/4 | 54,379 | 1/4 | 39,219 | 1/4 | 24,039 | 1/4 | 8,859 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 84,425 | 1/2 | 69,244 | 1/2 | 54,063 | 1/2 | 38,903 | 1/2 | 23,723 | 1/2 | 8,543 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 84,108 | 3/4 | 68,928 | 3/4 | 53,747 | 3/4 | 38,587 | 3/4 | 23,407 | 3/4 | 8,226 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 83,792 | 2 | 68,611 | 2 | 53,431 | 2 | 38,271 | 2 | 23,090 | 2 | 7,910 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 83,476 | 1/4 | 68,295 | 1/4 | 53,114 | 1/4 | 37,954 | 1/4 | 22,774 | 1/4 | 7,594 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 83,160 | 1/2 | 67,979 | 1/2 | 52,798 | 1/2 | 37,638 | 1/2 | 22,458 | 1/2 | 7,278 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 82,843 | 3/4 | 67,663 | 3/4 | 52,482 | 3/4 | 37,322 | 3/4 | 22,142 | 3/4 | 6,961 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 82,527 | 3 | 67,346 | 3 | 52,166 | 3 | 37,006 | 3 | 21,825 | 3 | 6,645 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 82,211 | 1/4 | 67,030 | 1/4 | 51,849 | 1/4 | 36,689 | 1/4 | 21,509 | 1/4 | 6,329 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 81,894 | 1/2 | 66,714 | 1/2 | 51,533 | 1/2 | 36,373 | 1/2 | 21,193 | 1/2 | 6,013 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 81,578 | 3/4 | 66,398 | 3/4 | 51,218 | 3/4 | 36,057 | 3/4 | 20,877 | 3/4 | 5,697 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 81,262 | 4 | 66,081 | 4 | 50,902 | 4 | 35,741 | 4 | 20,560 | 4 | 5,382 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 80,946 | 1/4 | 65,765 | 1/4 | 50,586 | 1/4 | 35,424 | 1/4 | 20,244 | 1/4 | 5,066 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 80,629 | 1/2 | 65,449 | 1/2 | 50,271 | 1/2 | 35,108 | 1/2 | 19,928 | 1/2 | 4,751 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 80,313 | 3/4 | 65,132 | 3/4 | 49,955 | 3/4 | 34,792 | 3/4 | 19,612 | 3/4 | 4,436 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 79,997 | 5 | 64,816 | 5 | 49,639 | 5 | 34,476 | 5 | 19,295 | 5 | 4,122 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 79,681 | 1/4 | 64,500 | 1/4 | 49,323 | 1/4 | 34,159 | 1/4 | 18,979 | 1/4 | 3,807 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 79,364 | 1/2 | 64,184 | 1/2 | 49,008 | 1/2 | 33,843 | 1/2 | 18,663 | 1/2 | 3,517 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,048 | 3/4 | 63,867 | 3/4 | 48,692 | 3/4 | 33,527 | 3/4 | 18,347 | 3/4 | 3,227 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 78,732 | 6 | 63,551 | 6 | 48,376 | 6 | 33,211 | 6 | 18,030 | 6 | 2,937 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 78,416 | 1/4 | 63,235 | 1/4 | 48,060 | 1/4 | 32,894 | 1/4 | 17,714 | 1/4 | 2,648 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 78,099 | 1/2 | 62,919 | 1/2 | 47,745 | 1/2 | 32,578 | 1/2 | 17,398 | 1/2 | 2,410 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 77,783 | 3/4 | 62,602 | 3/4 | 47,429 | 3/4 | 32,262 | 3/4 | 17,082 | 3/4 | 2,173 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 77,467 | 7 | 62,286 | 7 | 47,113 | 7 | 31,946 | 7 | 16,765 | 7 | 1,936 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 77,151 | 1/4 | 61,970 | 1/4 | 46,797 | 1/4 | 31,629 | 1/4 | 16,449 | 1/4 | 1,699 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,834 | 1/2 | 61,654 | 1/2 | 46,482 | 1/2 | 31,313 | 1/2 | 16,133 | 1/2 | 1,514 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,518 | 3/4 | 61,337 | 3/4 | 46,166 | 3/4 | 30,997 | 3/4 | 15,817 | 3/4 | 1,330 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 76,202 | 8 | 61,021 | 8 | 45,850 | 8 | 30,681 | 8 | 15,500 | 8 | 1,146 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 75,885 | 1/4 | 60,705 | 1/4 | 45,534 | 1/4 | 30,364 | 1/4 | 15,184 | 1/4 | 961 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,569 | 1/2 | 60,389 | 1/2 | 45,219 | 1/2 | 30,048 | 1/2 | 14,868 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,253 | 3/4 | 60,072 | 3/4 | 44,903 | 3/4 | 29,732 | 3/4 | 14,552 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 74,937 | 9 | 59,756 | 9 | 44,587 | 9 | 29,416 | 9 | 14,235 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 74,620 | 1/4 | 59,440 | 1/4 | 44,271 | 1/4 | 29,099 | 1/4 | 13,919 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,304 | 1/2 | 59,123 | 1/2 | 43,956 | 1/2 | 28,783 | 1/2 | 13,603 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,988 | 3/4 | 58,807 | 3/4 | 43,640 | 3/4 | 28,467 | 3/4 | 13,286 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 73,672 | 10 | 58,491 | 10 | 43,324 | 10 | 28,151 | 10 | 12,970 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 73,355 | 1/4 | 58,175 | 1/4 | 43,008 | 1/4 | 27,834 | 1/4 | 12,654 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,039 | 1/2 | 57,858 | 1/2 | 42,693 | 1/2 | 27,518 | 1/2 | 12,338 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 72,723 | 3/4 | 57,542 | 3/4 | 42,377 | 3/4 | 27,202 | 3/4 | 12,021 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 72,407 | 11 | 57,226 | 11 | 42,061 | 11 | 26,885 | 11 | 11,705 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 72,090 | 1/4 | 56,910 | 1/4 | 41,745 | 1/4 | 26,569 | 1/4 | 11,389 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 71,774 | 1/2 | 56,593 | 1/2 | 41,430 | 1/2 | 26,253 | 1/2 | 11,073 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 71,458 | 3/4 | 56,277 | 3/4 | 41,114 | 3/4 | 25,937 | 3/4 | 10,756 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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 | |
| 0 | | 0 | | 0 | 206,286 | 0 | 191,821 | 0 | 176,716 | 0 | 161,540 | 0 | 146,365 | 0 | 131,190 | 0 | 116,015 | 0 | 100,836 | | |
| 1/4 | | 1/4 | 218,954 | 1/4 | 205,993 | 1/4 | 191,512 | 1/4 | 176,399 | 1/4 | 161,224 | 1/4 | 146,049 | 1/4 | 130,874 | 1/4 | 115,698 | 1/4 | 100,520 | | |
| 1/2 | | 1/2 | 218,773 | 1/2 | 205,699 | 1/2 | 191,201 | 1/2 | 176,083 | 1/2 | 160,908 | 1/2 | 145,733 | 1/2 | 130,558 | 1/2 | 115,382 | 1/2 | 100,204 | | |
| 3/4 | | 3/4 | 218,591 | 3/4 | 205,404 | 3/4 | 190,891 | 3/4 | 175,767 | 3/4 | 160,592 | 3/4 | 145,417 | 3/4 | 130,241 | 3/4 | 115,066 | 3/4 | 99,887 | | |
| 1 | | 1 | 218,410 | 1 | 205,110 | 1 | 190,580 | 1 | 175,451 | 1 | 160,276 | 1 | 145,101 | 1 | 129,925 | 1 | 114,750 | 1 | 99,571 | | |
| 1/4 | | 1/4 | 218,228 | 1/4 | 204,816 | 1/4 | 190,269 | 1/4 | 175,135 | 1/4 | 159,960 | 1/4 | 144,784 | 1/4 | 129,609 | 1/4 | 114,434 | 1/4 | 99,255 | | |
| 1/2 | | 1/2 | 217,995 | 1/2 | 204,520 | 1/2 | 189,958 | 1/2 | 174,819 | 1/2 | 159,643 | 1/2 | 144,468 | 1/2 | 129,293 | 1/2 | 114,118 | 1/2 | 98,939 | | |
| 3/4 | | 3/4 | 217,762 | 3/4 | 204,225 | 3/4 | 189,646 | 3/4 | 174,503 | 3/4 | 159,327 | 3/4 | 144,152 | 3/4 | 128,977 | 3/4 | 113,802 | 3/4 | 98,622 | | |
| 2 | | 2 | 217,529 | 2 | 203,929 | 2 | 189,334 | 2 | 174,186 | 2 | 159,011 | 2 | 143,836 | 2 | 128,661 | 2 | 113,485 | 2 | 98,306 | | |
| 1/4 | | 1/4 | 217,297 | 1/4 | 203,633 | 1/4 | 189,022 | 1/4 | 173,870 | 1/4 | 158,695 | 1/4 | 143,520 | 1/4 | 128,345 | 1/4 | 113,169 | 1/4 | 97,990 | | |
| 1/2 | | 1/2 | 217,044 | 1/2 | 203,337 | 1/2 | 188,709 | 1/2 | 173,554 | 1/2 | 158,379 | 1/2 | 143,204 | 1/2 | 128,028 | 1/2 | 112,853 | 1/2 | 97,674 | | |
| 3/4 | | 3/4 | 216,792 | 3/4 | 203,040 | 3/4 | 188,396 | 3/4 | 173,238 | 3/4 | 158,063 | 3/4 | 142,887 | 3/4 | 127,712 | 3/4 | 112,537 | 3/4 | 97,357 | | |
| 3 | | 3 | 216,539 | 3 | 202,743 | 3 | 188,083 | 3 | 172,922 | 3 | 157,747 | 3 | 142,571 | 3 | 127,396 | 3 | 112,221 | 3 | 97,041 | | |
| 1/4 | | 1/4 | 216,287 | 1/4 | 202,446 | 1/4 | 187,770 | 1/4 | 172,606 | 1/4 | 157,430 | 1/4 | 142,255 | 1/4 | 127,080 | 1/4 | 111,905 | 1/4 | 96,725 | | |
| 1/2 | | 1/2 | 216,008 | 1/2 | 202,148 | 1/2 | 187,456 | 1/2 | 172,289 | 1/2 | 157,114 | 1/2 | 141,939 | 1/2 | 126,764 | 1/2 | 111,589 | 1/2 | 96,408 | | |
| 3/4 | | 3/4 | 215,729 | 3/4 | 201,850 | 3/4 | 187,142 | 3/4 | 171,973 | 3/4 | 156,798 | 3/4 | 141,623 | 3/4 | 126,448 | 3/4 | 111,272 | 3/4 | 96,092 | | |
| 4 | | 4 | 215,451 | 4 | 201,552 | 4 | 186,827 | 4 | 171,657 | 4 | 156,482 | 4 | 141,307 | 4 | 126,131 | 4 | 110,956 | 4 | 95,776 | | |
| 1/4 | | 1/4 | 215,172 | 1/4 | 201,254 | 1/4 | 186,513 | 1/4 | 171,341 | 1/4 | 156,166 | 1/4 | 140,991 | 1/4 | 125,815 | 1/4 | 110,640 | 1/4 | 95,460 | | |
| 1/2 | | 1/2 | 214,891 | 1/2 | 200,955 | 1/2 | 186,198 | 1/2 | 171,025 | 1/2 | 155,850 | 1/2 | 140,674 | 1/2 | 125,499 | 1/2 | 110,324 | 1/2 | 95,143 | | |
| 3/4 | | 3/4 | 214,610 | 3/4 | 200,655 | 3/4 | 185,882 | 3/4 | 170,709 | 3/4 | 155,533 | 3/4 | 140,358 | 3/4 | 125,183 | 3/4 | 110,008 | 3/4 | 94,827 | | |
| 5 | | 5 | 214,329 | 5 | 200,356 | 5 | 185,567 | 5 | 170,393 | 5 | 155,217 | 5 | 140,042 | 5 | 124,867 | 5 | 109,692 | 5 | 94,511 | | |
| 1/4 | | 1/4 | 214,048 | 1/4 | 200,057 | 1/4 | 185,252 | 1/4 | 170,076 | 1/4 | 154,901 | 1/4 | 139,726 | 1/4 | 124,551 | 1/4 | 109,375 | 1/4 | 94,195 | | |
| 1/2 | | 1/2 | 213,765 | 1/2 | 199,756 | 1/2 | 184,936 | 1/2 | 169,760 | 1/2 | 154,585 | 1/2 | 139,410 | 1/2 | 124,235 | 1/2 | 109,059 | 1/2 | 93,878 | | |
| 3/4 | | 3/4 | 213,483 | 3/4 | 199,456 | 3/4 | 184,619 | 3/4 | 169,444 | 3/4 | 154,269 | 3/4 | 139,094 | 3/4 | 123,918 | 3/4 | 108,743 | 3/4 | 93,562 | | |
| 6 | | 6 | 213,200 | 6 | 199,155 | 6 | 184,303 | 6 | 169,128 | 6 | 153,953 | 6 | 138,777 | 6 | 123,602 | 6 | 108,427 | 6 | 93,246 | | |
| 1/4 | | 1/4 | 212,918 | 1/4 | 198,854 | 1/4 | 183,987 | 1/4 | 168,812 | 1/4 | 153,637 | 1/4 | 138,461 | 1/4 | 123,286 | 1/4 | 108,110 | 1/4 | 92,930 | | |
| 1/2 | | 1/2 | 212,634 | 1/2 | 198,553 | 1/2 | 183,671 | 1/2 | 168,496 | 1/2 | 153,320 | 1/2 | 138,145 | 1/2 | 122,970 | 1/2 | 107,794 | 1/2 | 92,613 | | |
| 3/4 | | 3/4 | 212,350 | 3/4 | 198,251 | 3/4 | 183,355 | 3/4 | 168,180 | 3/4 | 153,004 | 3/4 | 137,829 | 3/4 | 122,654 | 3/4 | 107,478 | 3/4 | 92,297 | | |
| 7 | | 7 | 212,066 | 7 | 197,949 | 7 | 183,039 | 7 | 167,863 | 7 | 152,688 | 7 | 137,513 | 7 | 122,338 | 7 | 107,162 | 7 | 91,981 | | |
| 1/4 | | 1/4 | 211,782 | 1/4 | 197,647 | 1/4 | 182,722 | 1/4 | 167,547 | 1/4 | 152,372 | 1/4 | 137,197 | 1/4 | 122,021 | 1/4 | 106,845 | 1/4 | 91,664 | | |
| 1/2 | | 1/2 | 211,497 | 1/2 | 197,343 | 1/2 | 182,406 | 1/2 | 167,231 | 1/2 | 152,056 | 1/2 | 136,881 | 1/2 | 121,705 | 1/2 | 106,529 | 1/2 | 91,348 | | |
| 3/4 | | 3/4 | 211,212 | 3/4 | 197,039 | 3/4 | 182,090 | 3/4 | 166,915 | 3/4 | 151,740 | 3/4 | 136,564 | 3/4 | 121,389 | 3/4 | 106,213 | 3/4 | 91,032 | | |
| 8 | | 8 | 210,926 | 8 | 196,734 | 8 | 181,774 | 8 | 166,599 | 8 | 151,424 | 8 | 136,248 | 8 | 121,073 | 8 | 105,897 | 8 | 90,716 | | |
| 1/4 | | 1/4 | 210,641 | 1/4 | 196,430 | 1/4 | 181,458 | 1/4 | 166,283 | 1/4 | 151,107 | 1/4 | 135,932 | 1/4 | 120,757 | 1/4 | 105,580 | 1/4 | 90,399 | | |
| 1/2 | | 1/2 | 210,355 | 1/2 | 196,125 | 1/2 | 181,142 | 1/2 | 165,966 | 1/2 | 150,791 | 1/2 | 135,616 | 1/2 | 120,441 | 1/2 | 105,264 | 1/2 | 90,083 | | |
| 3/4 | | 3/4 | 210,068 | 3/4 | 195,819 | 3/4 | 180,826 | 3/4 | 165,650 | 3/4 | 150,475 | 3/4 | 135,300 | 3/4 | 120,125 | 3/4 | 104,948 | 3/4 | 89,767 | | |
| 9 | | 9 | 209,782 | 9 | 195,514 | 9 | 180,509 | 9 | 165,334 | 9 | 150,159 | 9 | 134,984 | 9 | 119,808 | 9 | 104,631 | 9 | 89,451 | | |
| 1/4 | | 1/4 | 209,496 | 1/4 | 195,208 | 1/4 | 180,193 | 1/4 | 165,018 | 1/4 | 149,843 | 1/4 | 134,668 | 1/4 | 119,492 | 1/4 | 104,315 | 1/4 | 89,134 | | |
| 1/2 | | 1/2 | 209,205 | 1/2 | 194,901 | 1/2 | 179,877 | 1/2 | 164,702 | 1/2 | 149,527 | 1/2 | 134,351 | 1/2 | 119,176 | 1/2 | 103,999 | 1/2 | 88,818 | | |
| 3/4 | | 3/4 | 208,914 | 3/4 | 194,594 | 3/4 | 179,561 | 3/4 | 164,386 | 3/4 | 149,210 | 3/4 | 134,035 | 3/4 | 118,860 | 3/4 | 103,683 | 3/4 | 88,502 | | |
| 10 | | 10 | 208,624 | 10 | 194,288 | 10 | 179,245 | 10 | 164,070 | 10 | 148,894 | 10 | 133,719 | 10 | 118,544 | 10 | 103,366 | 10 | 88,185 | | |
| 1/4 | | 1/4 | 208,333 | 1/4 | 193,981 | 1/4 | 178,929 | 1/4 | 163,753 | 1/4 | 148,578 | 1/4 | 133,403 | 1/4 | 118,228 | 1/4 | 103,050 | 1/4 | 87,869 | | |
| 1/2 | | 1/2 | 208,041 | 1/2 | 193,673 | 1/2 | 178,612 | 1/2 | 163,437 | 1/2 | 148,262 | 1/2 | 133,087 | 1/2 | 117,912 | 1/2 | 102,734 | 1/2 | 87,553 | | |
| 3/4 | | 3/4 | 207,749 | 3/4 | 193,365 | 3/4 | 178,296 | 3/4 | 163,121 | 3/4 | 147,946 | 3/4 | 132,771 | 3/4 | 117,595 | 3/4 | 102,418 | 3/4 | 87,237 | | |
| 11 | | 11 | 207,457 | 11 | 193,057 | 11 | 177,980 | 11 | 162,805 | 11 | 147,630 | 11 | 132,454 | 11 | 117,279 | 11 | 102,101 | 11 | 86,920 | | |
| 1/4 | | 1/4 | 207,165 | 1/4 | 192,749 | 1/4 | 177,664 | 1/4 | 162,489 | 1/4 | 147,314 | 1/4 | 132,138 | 1/4 | 116,963 | 1/4 | 101,785 | 1/4 | 86,604 | | |
| 1/2 | | 1/2 | 206,872 | 1/2 | 192,439 | 1/2 | 177,348 | 1/2 | 162,173 | 1/2 | 146,997 | 1/2 | 131,822 | 1/2 | 116,647 | 1/2 | 101,469 | 1/2 | 86,288 | | |
| 3/4 | | 3/4 | 206,579 | 3/4 | 192,130 | 3/4 | 177,032 | 3/4 | 161,856 | 3/4 | 146,681 | 3/4 | 131,506 | 3/4 | 116,331 | 3/4 | 101,152 | 3/4 | 85,972 | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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 | 85,655 | 0 | 70,474 | 0 | 55,294 | 0 | 40,673 | 0 | 25,621 | 0 | 10,440 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 85,339 | 1/4 | 70,158 | 1/4 | 54,977 | 1/4 | 40,371 | 1/4 | 25,304 | 1/4 | 10,124 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 85,023 | 1/2 | 69,842 | 1/2 | 54,661 | 1/2 | 40,069 | 1/2 | 24,988 | 1/2 | 9,808 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 84,707 | 3/4 | 69,526 | 3/4 | 54,345 | 3/4 | 39,767 | 3/4 | 24,672 | 3/4 | 9,491 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 84,390 | 1 | 69,209 | 1 | 54,028 | 1 | 39,466 | 1 | 24,356 | 1 | 9,175 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 84,074 | 1/4 | 68,893 | 1/4 | 53,712 | 1/4 | 39,164 | 1/4 | 24,039 | 1/4 | 8,859 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 83,758 | 1/2 | 68,577 | 1/2 | 53,396 | 1/2 | 38,861 | 1/2 | 23,723 | 1/2 | 8,543 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 83,441 | 3/4 | 68,261 | 3/4 | 53,080 | 3/4 | 38,559 | 3/4 | 23,407 | 3/4 | 8,226 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 83,125 | 2 | 67,944 | 2 | 52,763 | 2 | 38,257 | 2 | 23,090 | 2 | 7,910 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 82,809 | 1/4 | 67,628 | 1/4 | 52,447 | 1/4 | 37,955 | 1/4 | 22,774 | 1/4 | 7,594 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 82,493 | 1/2 | 67,312 | 1/2 | 52,145 | 1/2 | 37,638 | 1/2 | 22,458 | 1/2 | 7,278 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 82,176 | 3/4 | 66,995 | 3/4 | 51,842 | 3/4 | 37,322 | 3/4 | 22,142 | 3/4 | 6,962 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 81,860 | 3 | 66,679 | 3 | 51,540 | 3 | 37,006 | 3 | 21,825 | 3 | 6,645 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 81,544 | 1/4 | 66,363 | 1/4 | 51,238 | 1/4 | 36,689 | 1/4 | 21,509 | 1/4 | 6,329 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 81,228 | 1/2 | 66,047 | 1/2 | 50,936 | 1/2 | 36,373 | 1/2 | 21,193 | 1/2 | 6,013 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 80,911 | 3/4 | 65,730 | 3/4 | 50,634 | 3/4 | 36,057 | 3/4 | 20,877 | 3/4 | 5,698 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 80,595 | 4 | 65,414 | 4 | 50,332 | 4 | 35,741 | 4 | 20,560 | 4 | 5,382 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 80,279 | 1/4 | 65,098 | 1/4 | 50,030 | 1/4 | 35,424 | 1/4 | 20,244 | 1/4 | 5,066 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 79,963 | 1/2 | 64,782 | 1/2 | 49,728 | 1/2 | 35,108 | 1/2 | 19,928 | 1/2 | 4,751 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,646 | 3/4 | 64,465 | 3/4 | 49,426 | 3/4 | 34,792 | 3/4 | 19,612 | 3/4 | 4,436 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 79,330 | 5 | 64,149 | 5 | 49,125 | 5 | 34,476 | 5 | 19,295 | 5 | 4,122 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 79,014 | 1/4 | 63,833 | 1/4 | 48,823 | 1/4 | 34,159 | 1/4 | 18,979 | 1/4 | 3,807 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 78,697 | 1/2 | 63,517 | 1/2 | 48,521 | 1/2 | 33,843 | 1/2 | 18,663 | 1/2 | 3,517 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 78,381 | 3/4 | 63,200 | 3/4 | 48,219 | 3/4 | 33,527 | 3/4 | 18,347 | 3/4 | 3,227 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 78,065 | 6 | 62,884 | 6 | 47,917 | 6 | 33,211 | 6 | 18,030 | 6 | 2,937 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 77,749 | 1/4 | 62,568 | 1/4 | 47,615 | 1/4 | 32,894 | 1/4 | 17,714 | 1/4 | 2,648 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 77,432 | 1/2 | 62,251 | 1/2 | 47,314 | 1/2 | 32,578 | 1/2 | 17,398 | 1/2 | 2,410 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 77,116 | 3/4 | 61,935 | 3/4 | 47,012 | 3/4 | 32,262 | 3/4 | 17,082 | 3/4 | 2,173 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 76,800 | 7 | 61,619 | 7 | 46,710 | 7 | 31,946 | 7 | 16,765 | 7 | 1,936 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 76,484 | 1/4 | 61,303 | 1/4 | 46,408 | 1/4 | 31,629 | 1/4 | 16,449 | 1/4 | 1,699 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,167 | 1/2 | 60,986 | 1/2 | 46,106 | 1/2 | 31,313 | 1/2 | 16,133 | 1/2 | 1,515 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,851 | 3/4 | 60,670 | 3/4 | 45,804 | 3/4 | 30,997 | 3/4 | 15,817 | 3/4 | 1,330 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 75,535 | 8 | 60,354 | 8 | 45,502 | 8 | 30,681 | 8 | 15,500 | 8 | 1,146 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 75,218 | 1/4 | 60,038 | 1/4 | 45,201 | 1/4 | 30,364 | 1/4 | 15,184 | 1/4 | 961 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,902 | 1/2 | 59,721 | 1/2 | 44,899 | 1/2 | 30,048 | 1/2 | 14,868 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,586 | 3/4 | 59,405 | 3/4 | 44,597 | 3/4 | 29,732 | 3/4 | 14,552 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 74,270 | 9 | 59,089 | 9 | 44,295 | 9 | 29,416 | 9 | 14,235 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 73,953 | 1/4 | 58,773 | 1/4 | 43,993 | 1/4 | 29,099 | 1/4 | 13,919 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,637 | 1/2 | 58,456 | 1/2 | 43,691 | 1/2 | 28,783 | 1/2 | 13,603 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,321 | 3/4 | 58,140 | 3/4 | 43,390 | 3/4 | 28,467 | 3/4 | 13,287 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 73,005 | 10 | 57,824 | 10 | 43,088 | 10 | 28,151 | 10 | 12,970 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 72,688 | 1/4 | 57,507 | 1/4 | 42,786 | 1/4 | 27,834 | 1/4 | 12,654 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 72,372 | 1/2 | 57,191 | 1/2 | 42,484 | 1/2 | 27,518 | 1/2 | 12,338 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 72,056 | 3/4 | 56,875 | 3/4 | 42,182 | 3/4 | 27,202 | 3/4 | 12,022 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 71,740 | 11 | 56,559 | 11 | 41,880 | 11 | 26,886 | 11 | 11,705 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 71,423 | 1/4 | 56,242 | 1/4 | 41,578 | 1/4 | 26,569 | 1/4 | 11,389 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 71,107 | 1/2 | 55,926 | 1/2 | 41,277 | 1/2 | 26,253 | 1/2 | 11,073 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 70,791 | 3/4 | 55,610 | 3/4 | 40,975 | 3/4 | 25,937 | 3/4 | 10,757 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|--|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | |
| 0 | | 0 | | 0 | 178,961 | 0 | 171,221 | 0 | 163,134 | 0 | 155,007 | 0 | 146,591 | 0 | 131,562 | 0 | 116,479 | 0 | 101,370 |
| 1/4 | | 1/4 | | 1/4 | 178,804 | 1/4 | 171,055 | 1/4 | 162,965 | 1/4 | 154,837 | 1/4 | 146,278 | 1/4 | 131,247 | 1/4 | 116,164 | 1/4 | 101,055 |
| 1/2 | | 1/2 | 185,150 | 1/2 | 178,647 | 1/2 | 170,889 | 1/2 | 162,795 | 1/2 | 154,668 | 1/2 | 145,964 | 1/2 | 130,933 | 1/2 | 115,849 | 1/2 | 100,740 |
| 3/4 | | 3/4 | 185,113 | 3/4 | 178,490 | 3/4 | 170,723 | 3/4 | 162,626 | 3/4 | 154,499 | 3/4 | 145,651 | 3/4 | 130,619 | 3/4 | 115,535 | 3/4 | 100,426 |
| 1 | | 1 | 185,077 | 1 | 178,332 | 1 | 170,557 | 1 | 162,457 | 1 | 154,329 | 1 | 145,338 | 1 | 130,305 | 1 | 115,220 | 1 | 100,111 |
| 1/4 | | 1/4 | 185,040 | 1/4 | 178,174 | 1/4 | 170,391 | 1/4 | 162,287 | 1/4 | 154,160 | 1/4 | 145,024 | 1/4 | 129,991 | 1/4 | 114,905 | 1/4 | 99,796 |
| 1/2 | | 1/2 | 185,004 | 1/2 | 178,017 | 1/2 | 170,224 | 1/2 | 162,118 | 1/2 | 153,991 | 1/2 | 144,711 | 1/2 | 129,676 | 1/2 | 114,590 | 1/2 | 99,481 |
| 3/4 | | 3/4 | 184,916 | 3/4 | 177,858 | 3/4 | 170,057 | 3/4 | 161,949 | 3/4 | 153,822 | 3/4 | 144,397 | 3/4 | 129,362 | 3/4 | 114,276 | 3/4 | 99,166 |
| 2 | | 2 | 184,827 | 2 | 177,700 | 2 | 169,890 | 2 | 161,780 | 2 | 153,652 | 2 | 144,084 | 2 | 129,048 | 2 | 113,961 | 2 | 98,852 |
| 1/4 | | 1/4 | 184,739 | 1/4 | 177,541 | 1/4 | 169,723 | 1/4 | 161,610 | 1/4 | 153,483 | 1/4 | 143,771 | 1/4 | 128,734 | 1/4 | 113,646 | 1/4 | 98,537 |
| 1/2 | | 1/2 | 184,650 | 1/2 | 177,383 | 1/2 | 169,556 | 1/2 | 161,441 | 1/2 | 153,314 | 1/2 | 143,457 | 1/2 | 128,420 | 1/2 | 113,331 | 1/2 | 98,222 |
| 3/4 | | 3/4 | 184,527 | 3/4 | 177,224 | 3/4 | 169,389 | 3/4 | 161,272 | 3/4 | 153,144 | 3/4 | 143,144 | 3/4 | 128,105 | 3/4 | 113,017 | 3/4 | 97,907 |
| 3 | | 3 | 184,404 | 3 | 177,065 | 3 | 169,221 | 3 | 161,102 | 3 | 152,975 | 3 | 142,830 | 3 | 127,791 | 3 | 112,702 | 3 | 97,592 |
| 1/4 | | 1/4 | 184,281 | 1/4 | 176,906 | 1/4 | 169,053 | 1/4 | 160,933 | 1/4 | 152,806 | 1/4 | 142,517 | 1/4 | 127,477 | 1/4 | 112,387 | 1/4 | 97,278 |
| 1/2 | | 1/2 | 184,158 | 1/2 | 176,747 | 1/2 | 168,886 | 1/2 | 160,764 | 1/2 | 152,636 | 1/2 | 142,203 | 1/2 | 127,163 | 1/2 | 112,072 | 1/2 | 96,963 |
| 3/4 | | 3/4 | 184,009 | 3/4 | 176,587 | 3/4 | 168,717 | 3/4 | 160,594 | 3/4 | 152,467 | 3/4 | 141,890 | 3/4 | 126,849 | 3/4 | 111,758 | 3/4 | 96,648 |
| 4 | | 4 | 183,861 | 4 | 176,428 | 4 | 168,549 | 4 | 160,425 | 4 | 152,298 | 4 | 141,577 | 4 | 126,534 | 4 | 111,443 | 4 | 96,333 |
| 1/4 | | 1/4 | 183,712 | 1/4 | 176,268 | 1/4 | 168,381 | 1/4 | 160,256 | 1/4 | 152,128 | 1/4 | 141,263 | 1/4 | 126,220 | 1/4 | 111,128 | 1/4 | 96,018 |
| 1/2 | | 1/2 | 183,563 | 1/2 | 176,108 | 1/2 | 168,212 | 1/2 | 160,086 | 1/2 | 151,959 | 1/2 | 140,950 | 1/2 | 125,906 | 1/2 | 110,814 | 1/2 | 95,704 |
| 3/4 | | 3/4 | 183,413 | 3/4 | 175,948 | 3/4 | 168,043 | 3/4 | 159,917 | 3/4 | 151,790 | 3/4 | 140,636 | 3/4 | 125,592 | 3/4 | 110,499 | 3/4 | 95,389 |
| 5 | | 5 | 183,263 | 5 | 175,787 | 5 | 167,874 | 5 | 159,748 | 5 | 151,620 | 5 | 140,323 | 5 | 125,278 | 5 | 110,184 | 5 | 95,074 |
| 1/4 | | 1/4 | 183,112 | 1/4 | 175,627 | 1/4 | 167,705 | 1/4 | 159,578 | 1/4 | 151,451 | 1/4 | 140,010 | 1/4 | 124,963 | 1/4 | 109,869 | 1/4 | 94,759 |
| 1/2 | | 1/2 | 182,962 | 1/2 | 175,467 | 1/2 | 167,536 | 1/2 | 159,409 | 1/2 | 151,282 | 1/2 | 139,696 | 1/2 | 124,649 | 1/2 | 109,555 | 1/2 | 94,445 |
| 3/4 | | 3/4 | 182,811 | 3/4 | 175,306 | 3/4 | 167,367 | 3/4 | 159,240 | 3/4 | 151,112 | 3/4 | 139,383 | 3/4 | 124,335 | 3/4 | 109,240 | 3/4 | 94,130 |
| 6 | | 6 | 182,659 | 6 | 175,145 | 6 | 167,198 | 6 | 159,070 | 6 | 150,943 | 6 | 139,071 | 6 | 124,021 | 6 | 108,925 | 6 | 93,815 |
| 1/4 | | 1/4 | 182,508 | 1/4 | 174,984 | 1/4 | 167,028 | 1/4 | 158,901 | 1/4 | 150,774 | 1/4 | 138,758 | 1/4 | 123,707 | 1/4 | 108,610 | 1/4 | 93,500 |
| 1/2 | | 1/2 | 182,357 | 1/2 | 174,823 | 1/2 | 166,859 | 1/2 | 158,732 | 1/2 | 150,604 | 1/2 | 138,445 | 1/2 | 123,392 | 1/2 | 108,295 | 1/2 | 93,185 |
| 3/4 | | 3/4 | 182,205 | 3/4 | 174,661 | 3/4 | 166,690 | 3/4 | 158,562 | 3/4 | 150,435 | 3/4 | 138,132 | 3/4 | 123,078 | 3/4 | 107,981 | 3/4 | 92,871 |
| 7 | | 7 | 182,053 | 7 | 174,499 | 7 | 166,520 | 7 | 158,393 | 7 | 150,266 | 7 | 137,820 | 7 | 122,764 | 7 | 107,666 | 7 | 92,556 |
| 1/4 | | 1/4 | 181,900 | 1/4 | 174,337 | 1/4 | 166,351 | 1/4 | 158,224 | 1/4 | 150,097 | 1/4 | 137,507 | 1/4 | 122,450 | 1/4 | 107,351 | 1/4 | 92,241 |
| 1/2 | | 1/2 | 181,748 | 1/2 | 174,176 | 1/2 | 166,182 | 1/2 | 158,055 | 1/2 | 149,927 | 1/2 | 137,194 | 1/2 | 122,136 | 1/2 | 107,036 | 1/2 | 91,926 |
| 3/4 | | 3/4 | 181,596 | 3/4 | 174,013 | 3/4 | 166,012 | 3/4 | 157,885 | 3/4 | 149,758 | 3/4 | 136,881 | 3/4 | 121,821 | 3/4 | 106,721 | 3/4 | 91,611 |
| 8 | | 8 | 181,443 | 8 | 173,850 | 8 | 165,843 | 8 | 157,716 | 8 | 149,589 | 8 | 136,569 | 8 | 121,507 | 8 | 106,407 | 8 | 91,297 |
| 1/4 | | 1/4 | 181,290 | 1/4 | 173,687 | 1/4 | 165,674 | 1/4 | 157,547 | 1/4 | 149,419 | 1/4 | 136,256 | 1/4 | 121,193 | 1/4 | 106,092 | 1/4 | 90,982 |
| 1/2 | | 1/2 | 181,137 | 1/2 | 173,524 | 1/2 | 165,505 | 1/2 | 157,377 | 1/2 | 149,250 | 1/2 | 135,943 | 1/2 | 120,879 | 1/2 | 105,777 | 1/2 | 90,667 |
| 3/4 | | 3/4 | 180,984 | 3/4 | 173,360 | 3/4 | 165,335 | 3/4 | 157,208 | 3/4 | 149,081 | 3/4 | 135,630 | 3/4 | 120,565 | 3/4 | 105,462 | 3/4 | 90,352 |
| 9 | | 9 | 180,831 | 9 | 173,197 | 9 | 165,166 | 9 | 157,039 | 9 | 148,911 | 9 | 135,318 | 9 | 120,250 | 9 | 105,148 | 9 | 90,037 |
| 1/4 | | 1/4 | 180,677 | 1/4 | 173,033 | 1/4 | 164,997 | 1/4 | 156,869 | 1/4 | 148,742 | 1/4 | 135,005 | 1/4 | 119,936 | 1/4 | 104,833 | 1/4 | 89,723 |
| 1/2 | | 1/2 | 180,524 | 1/2 | 172,869 | 1/2 | 164,827 | 1/2 | 156,700 | 1/2 | 148,573 | 1/2 | 134,692 | 1/2 | 119,622 | 1/2 | 104,518 | 1/2 | 89,408 |
| 3/4 | | 3/4 | 180,368 | 3/4 | 172,705 | 3/4 | 164,658 | 3/4 | 156,531 | 3/4 | 148,403 | 3/4 | 134,379 | 3/4 | 119,308 | 3/4 | 104,203 | 3/4 | 89,093 |
| 10 | | 10 | 180,212 | 10 | 172,541 | 10 | 164,489 | 10 | 156,361 | 10 | 148,234 | 10 | 134,066 | 10 | 118,994 | 10 | 103,888 | 10 | 88,778 |
| 1/4 | | 1/4 | 180,057 | 1/4 | 172,376 | 1/4 | 164,319 | 1/4 | 156,192 | 1/4 | 148,065 | 1/4 | 133,754 | 1/4 | 118,679 | 1/4 | 103,574 | 1/4 | 88,463 |
| 1/2 | | 1/2 | 179,901 | 1/2 | 172,212 | 1/2 | 164,150 | 1/2 | 156,023 | 1/2 | 147,895 | 1/2 | 133,441 | 1/2 | 118,365 | 1/2 | 103,259 | 1/2 | 88,149 |
| 3/4 | | 3/4 | 179,745 | 3/4 | 172,047 | 3/4 | 163,981 | 3/4 | 155,853 | 3/4 | 147,726 | 3/4 | 133,128 | 3/4 | 118,051 | 3/4 | 102,944 | 3/4 | 87,834 |
| 11 | | 11 | 179,588 | 11 | 171,882 | 11 | 163,811 | 11 | 155,684 | 11 | 147,557 | 11 | 132,815 | 11 | 117,737 | 11 | 102,629 | 11 | 87,519 |
| 1/4 | | 1/4 | 179,432 | 1/4 | 171,717 | 1/4 | 163,642 | 1/4 | 155,515 | 1/4 | 147,387 | 1/4 | 132,503 | 1/4 | 117,423 | 1/4 | 102,314 | 1/4 | 87,204 |
| 1/2 | | 1/2 | 179,276 | 1/2 | 171,552 | 1/2 | 163,473 | 1/2 | 155,345 | 1/2 | 147,218 | 1/2 | 132,190 | 1/2 | 117,108 | 1/2 | 102,000 | 1/2 | 86,889 |
| 3/4 | | 3/4 | 179,118 | 3/4 | 171,386 | 3/4 | 163,303 | 3/4 | 155,176 | 3/4 | 146,905 | 3/4 | 131,876 | 3/4 | 116,794 | 3/4 | 101,685 | 3/4 | 86,575 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 86,260 | 0 | 71,146 | 0 | 56,033 | 0 | 40,932 | 0 | 25,822 | 0 | 10,709 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 85,945 | 1/4 | 70,832 | 1/4 | 55,718 | 1/4 | 40,617 | 1/4 | 25,507 | 1/4 | 10,394 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 85,630 | 1/2 | 70,517 | 1/2 | 55,403 | 1/2 | 40,303 | 1/2 | 25,192 | 1/2 | 10,079 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 85,315 | 3/4 | 70,202 | 3/4 | 55,088 | 3/4 | 39,988 | 3/4 | 24,877 | 3/4 | 9,765 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 85,001 | 1 | 69,887 | 1 | 54,773 | 1 | 39,674 | 1 | 24,563 | 1 | 9,450 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 84,686 | 1/4 | 69,572 | 1/4 | 54,459 | 1/4 | 39,359 | 1/4 | 24,248 | 1/4 | 9,135 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 84,371 | 1/2 | 69,257 | 1/2 | 54,144 | 1/2 | 39,045 | 1/2 | 23,933 | 1/2 | 8,820 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 84,056 | 3/4 | 68,942 | 3/4 | 53,829 | 3/4 | 38,730 | 3/4 | 23,618 | 3/4 | 8,505 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 83,741 | 2 | 68,628 | 2 | 53,514 | 2 | 38,416 | 2 | 23,303 | 2 | 8,190 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 83,426 | 1/4 | 68,313 | 1/4 | 53,199 | 1/4 | 38,101 | 1/4 | 22,988 | 1/4 | 7,875 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 83,111 | 1/2 | 67,998 | 1/2 | 52,884 | 1/2 | 37,786 | 1/2 | 22,673 | 1/2 | 7,561 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 82,796 | 3/4 | 67,683 | 3/4 | 52,569 | 3/4 | 37,472 | 3/4 | 22,359 | 3/4 | 7,246 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 82,482 | 3 | 67,368 | 3 | 52,255 | 3 | 37,157 | 3 | 22,044 | 3 | 6,931 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 82,167 | 1/4 | 67,053 | 1/4 | 51,940 | 1/4 | 36,842 | 1/4 | 21,729 | 1/4 | 6,616 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 81,852 | 1/2 | 66,738 | 1/2 | 51,625 | 1/2 | 36,527 | 1/2 | 21,414 | 1/2 | 6,301 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 81,537 | 3/4 | 66,423 | 3/4 | 51,310 | 3/4 | 36,212 | 3/4 | 21,099 | 3/4 | 5,987 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 81,222 | 4 | 66,109 | 4 | 50,995 | 4 | 35,897 | 4 | 20,784 | 4 | 5,672 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 80,907 | 1/4 | 65,794 | 1/4 | 50,681 | 1/4 | 35,582 | 1/4 | 20,470 | 1/4 | 5,358 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 80,592 | 1/2 | 65,479 | 1/2 | 50,366 | 1/2 | 35,268 | 1/2 | 20,155 | 1/2 | 5,044 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 80,278 | 3/4 | 65,164 | 3/4 | 50,051 | 3/4 | 34,953 | 3/4 | 19,840 | 3/4 | 4,730 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 79,963 | 5 | 64,849 | 5 | 49,737 | 5 | 34,638 | 5 | 19,525 | 5 | 4,417 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 79,648 | 1/4 | 64,534 | 1/4 | 49,422 | 1/4 | 34,323 | 1/4 | 19,210 | 1/4 | 4,104 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 79,333 | 1/2 | 64,219 | 1/2 | 49,108 | 1/2 | 34,008 | 1/2 | 18,895 | 1/2 | 3,790 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,018 | 3/4 | 63,905 | 3/4 | 48,794 | 3/4 | 33,693 | 3/4 | 18,580 | 3/4 | 3,502 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 78,703 | 6 | 63,590 | 6 | 48,479 | 6 | 33,378 | 6 | 18,266 | 6 | 3,213 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 78,388 | 1/4 | 63,275 | 1/4 | 48,165 | 1/4 | 33,064 | 1/4 | 17,951 | 1/4 | 2,925 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 78,074 | 1/2 | 62,960 | 1/2 | 47,850 | 1/2 | 32,749 | 1/2 | 17,636 | 1/2 | 2,636 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 77,759 | 3/4 | 62,645 | 3/4 | 47,536 | 3/4 | 32,434 | 3/4 | 17,321 | 3/4 | 2,400 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 77,444 | 7 | 62,330 | 7 | 47,221 | 7 | 32,119 | 7 | 17,006 | 7 | 2,164 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 77,129 | 1/4 | 62,015 | 1/4 | 46,907 | 1/4 | 31,804 | 1/4 | 16,691 | 1/4 | 1,928 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 76,814 | 1/2 | 61,700 | 1/2 | 46,592 | 1/2 | 31,489 | 1/2 | 16,376 | 1/2 | 1,692 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,499 | 3/4 | 61,386 | 3/4 | 46,278 | 3/4 | 31,175 | 3/4 | 16,062 | 3/4 | 1,508 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 76,184 | 8 | 61,071 | 8 | 45,963 | 8 | 30,860 | 8 | 15,747 | 8 | 1,324 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 75,869 | 1/4 | 60,756 | 1/4 | 45,649 | 1/4 | 30,545 | 1/4 | 15,432 | 1/4 | 1,141 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,555 | 1/2 | 60,441 | 1/2 | 45,334 | 1/2 | 30,230 | 1/2 | 15,117 | 1/2 | 957 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,240 | 3/4 | 60,126 | 3/4 | 45,020 | 3/4 | 29,915 | 3/4 | 14,802 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 74,925 | 9 | 59,811 | 9 | 44,705 | 9 | 29,600 | 9 | 14,487 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 74,610 | 1/4 | 59,496 | 1/4 | 44,391 | 1/4 | 29,285 | 1/4 | 14,172 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,295 | 1/2 | 59,182 | 1/2 | 44,076 | 1/2 | 28,971 | 1/2 | 13,858 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,980 | 3/4 | 58,867 | 3/4 | 43,762 | 3/4 | 28,656 | 3/4 | 13,543 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 73,665 | 10 | 58,552 | 10 | 43,448 | 10 | 28,341 | 10 | 13,228 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 73,351 | 1/4 | 58,237 | 1/4 | 43,133 | 1/4 | 28,026 | 1/4 | 12,913 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,036 | 1/2 | 57,922 | 1/2 | 42,819 | 1/2 | 27,711 | 1/2 | 12,598 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 72,721 | 3/4 | 57,607 | 3/4 | 42,504 | 3/4 | 27,396 | 3/4 | 12,283 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 72,406 | 11 | 57,292 | 11 | 42,190 | 11 | 27,081 | 11 | 11,968 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 72,091 | 1/4 | 56,978 | 1/4 | 41,875 | 1/4 | 26,767 | 1/4 | 11,654 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 71,776 | 1/2 | 56,663 | 1/2 | 41,561 | 1/2 | 26,452 | 1/2 | 11,339 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 71,461 | 3/4 | 56,348 | 3/4 | 41,246 | 3/4 | 26,137 | 3/4 | 11,024 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

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



BARGE "CBC 390"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | | |
|-------|-----|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|----|--|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | |
| 0 | | 0 | | 0 | 177,818 | 0 | 170,105 | 0 | 162,047 | 0 | 153,948 | 0 | 145,560 | 0 | 130,559 | 0 | 115,512 | 0 | 100,431 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 177,661 | 1/4 | 169,940 | 1/4 | 161,878 | 1/4 | 153,779 | 1/4 | 145,247 | 1/4 | 130,245 | 1/4 | 115,198 | 1/4 | 100,117 | | |
| 1/2 | 1/2 | 1/2 | 183,979 | 1/2 | 177,505 | 1/2 | 169,775 | 1/2 | 161,709 | 1/2 | 153,610 | 1/2 | 144,935 | 1/2 | 129,931 | 1/2 | 114,883 | 1/2 | 99,803 | | |
| 3/4 | 3/4 | 3/4 | 183,943 | 3/4 | 177,348 | 3/4 | 169,609 | 3/4 | 161,540 | 3/4 | 153,441 | 3/4 | 144,622 | 3/4 | 129,618 | 3/4 | 114,569 | 3/4 | 99,489 | | |
| 1 | | 1 | 183,907 | 1 | 177,190 | 1 | 169,443 | 1 | 161,372 | 1 | 153,273 | 1 | 144,309 | 1 | 129,304 | 1 | 114,255 | 1 | 99,175 | | |
| 1/4 | 1/4 | 1/4 | 183,871 | 1/4 | 177,033 | 1/4 | 169,278 | 1/4 | 161,203 | 1/4 | 153,104 | 1/4 | 143,996 | 1/4 | 128,991 | 1/4 | 113,941 | 1/4 | 98,860 | | |
| 1/2 | 1/2 | 1/2 | 183,835 | 1/2 | 176,876 | 1/2 | 169,112 | 1/2 | 161,034 | 1/2 | 152,935 | 1/2 | 143,683 | 1/2 | 128,677 | 1/2 | 113,627 | 1/2 | 98,546 | | |
| 3/4 | 3/4 | 3/4 | 183,747 | 3/4 | 176,718 | 3/4 | 168,946 | 3/4 | 160,865 | 3/4 | 152,766 | 3/4 | 143,370 | 3/4 | 128,364 | 3/4 | 113,313 | 3/4 | 98,232 | | |
| 2 | | 2 | 183,660 | 2 | 176,561 | 2 | 168,779 | 2 | 160,697 | 2 | 152,598 | 2 | 143,058 | 2 | 128,050 | 2 | 112,999 | 2 | 97,918 | | |
| 1/4 | 1/4 | 1/4 | 183,572 | 1/4 | 176,403 | 1/4 | 168,613 | 1/4 | 160,528 | 1/4 | 152,429 | 1/4 | 142,745 | 1/4 | 127,737 | 1/4 | 112,684 | 1/4 | 97,604 | | |
| 1/2 | 1/2 | 1/2 | 183,484 | 1/2 | 176,245 | 1/2 | 168,446 | 1/2 | 160,359 | 1/2 | 152,260 | 1/2 | 142,432 | 1/2 | 127,424 | 1/2 | 112,370 | 1/2 | 97,289 | | |
| 3/4 | 3/4 | 3/4 | 183,361 | 3/4 | 176,087 | 3/4 | 168,279 | 3/4 | 160,191 | 3/4 | 152,091 | 3/4 | 142,119 | 3/4 | 127,111 | 3/4 | 112,056 | 3/4 | 96,975 | | |
| 3 | | 3 | 183,239 | 3 | 175,928 | 3 | 168,112 | 3 | 160,022 | 3 | 151,923 | 3 | 141,806 | 3 | 126,797 | 3 | 111,742 | 3 | 96,661 | | |
| 1/4 | 1/4 | 1/4 | 183,116 | 1/4 | 175,770 | 1/4 | 167,945 | 1/4 | 159,853 | 1/4 | 151,754 | 1/4 | 141,494 | 1/4 | 126,484 | 1/4 | 111,428 | 1/4 | 96,347 | | |
| 1/2 | 1/2 | 1/2 | 182,994 | 1/2 | 175,611 | 1/2 | 167,778 | 1/2 | 159,684 | 1/2 | 151,585 | 1/2 | 141,181 | 1/2 | 126,171 | 1/2 | 111,114 | 1/2 | 96,032 | | |
| 3/4 | 3/4 | 3/4 | 182,846 | 3/4 | 175,452 | 3/4 | 167,610 | 3/4 | 159,516 | 3/4 | 151,417 | 3/4 | 140,868 | 3/4 | 125,857 | 3/4 | 110,800 | 3/4 | 95,718 | | |
| 4 | | 4 | 182,698 | 4 | 175,293 | 4 | 167,443 | 4 | 159,347 | 4 | 151,248 | 4 | 140,555 | 4 | 125,544 | 4 | 110,486 | 4 | 95,404 | | |
| 1/4 | 1/4 | 1/4 | 182,550 | 1/4 | 175,134 | 1/4 | 167,275 | 1/4 | 159,178 | 1/4 | 151,079 | 1/4 | 140,242 | 1/4 | 125,231 | 1/4 | 110,171 | 1/4 | 95,090 | | |
| 1/2 | 1/2 | 1/2 | 182,402 | 1/2 | 174,975 | 1/2 | 167,107 | 1/2 | 159,009 | 1/2 | 150,910 | 1/2 | 139,929 | 1/2 | 124,918 | 1/2 | 109,857 | 1/2 | 94,776 | | |
| 3/4 | 3/4 | 3/4 | 182,252 | 3/4 | 174,815 | 3/4 | 166,939 | 3/4 | 158,841 | 3/4 | 150,742 | 3/4 | 139,617 | 3/4 | 124,604 | 3/4 | 109,543 | 3/4 | 94,461 | | |
| 5 | | 5 | 182,102 | 5 | 174,655 | 5 | 166,770 | 5 | 158,672 | 5 | 150,573 | 5 | 139,304 | 5 | 124,291 | 5 | 109,229 | 5 | 94,147 | | |
| 1/4 | 1/4 | 1/4 | 181,953 | 1/4 | 174,495 | 1/4 | 166,602 | 1/4 | 158,503 | 1/4 | 150,404 | 1/4 | 138,991 | 1/4 | 123,978 | 1/4 | 108,915 | 1/4 | 93,833 | | |
| 1/2 | 1/2 | 1/2 | 181,803 | 1/2 | 174,336 | 1/2 | 166,434 | 1/2 | 158,335 | 1/2 | 150,235 | 1/2 | 138,678 | 1/2 | 123,664 | 1/2 | 108,601 | 1/2 | 93,519 | | |
| 3/4 | 3/4 | 3/4 | 181,652 | 3/4 | 174,175 | 3/4 | 166,265 | 3/4 | 158,166 | 3/4 | 150,067 | 3/4 | 138,366 | 3/4 | 123,351 | 3/4 | 108,287 | 3/4 | 93,205 | | |
| 6 | | 6 | 181,501 | 6 | 174,015 | 6 | 166,096 | 6 | 157,997 | 6 | 149,898 | 6 | 138,054 | 6 | 123,038 | 6 | 107,972 | 6 | 92,890 | | |
| 1/4 | 1/4 | 1/4 | 181,351 | 1/4 | 173,854 | 1/4 | 165,927 | 1/4 | 157,828 | 1/4 | 149,729 | 1/4 | 137,742 | 1/4 | 122,725 | 1/4 | 107,658 | 1/4 | 92,576 | | |
| 1/2 | 1/2 | 1/2 | 181,200 | 1/2 | 173,694 | 1/2 | 165,759 | 1/2 | 157,660 | 1/2 | 149,561 | 1/2 | 137,429 | 1/2 | 122,411 | 1/2 | 107,344 | 1/2 | 92,262 | | |
| 3/4 | 3/4 | 3/4 | 181,048 | 3/4 | 173,533 | 3/4 | 165,590 | 3/4 | 157,491 | 3/4 | 149,392 | 3/4 | 137,117 | 3/4 | 122,098 | 3/4 | 107,030 | 3/4 | 91,948 | | |
| 7 | | 7 | 180,897 | 7 | 173,372 | 7 | 165,421 | 7 | 157,322 | 7 | 149,223 | 7 | 136,805 | 7 | 121,785 | 7 | 106,715 | 7 | 91,634 | | |
| 1/4 | 1/4 | 1/4 | 180,745 | 1/4 | 173,211 | 1/4 | 165,252 | 1/4 | 157,153 | 1/4 | 149,054 | 1/4 | 136,493 | 1/4 | 121,471 | 1/4 | 106,401 | 1/4 | 91,319 | | |
| 1/2 | 1/2 | 1/2 | 180,594 | 1/2 | 173,049 | 1/2 | 165,084 | 1/2 | 156,985 | 1/2 | 148,886 | 1/2 | 136,181 | 1/2 | 121,158 | 1/2 | 106,087 | 1/2 | 91,005 | | |
| 3/4 | 3/4 | 3/4 | 180,442 | 3/4 | 172,887 | 3/4 | 164,915 | 3/4 | 156,816 | 3/4 | 148,717 | 3/4 | 135,869 | 3/4 | 120,844 | 3/4 | 105,773 | 3/4 | 90,691 | | |
| 8 | | 8 | 180,290 | 8 | 172,725 | 8 | 164,746 | 8 | 156,647 | 8 | 148,548 | 8 | 135,556 | 8 | 120,531 | 8 | 105,459 | 8 | 90,377 | | |
| 1/4 | 1/4 | 1/4 | 180,137 | 1/4 | 172,562 | 1/4 | 164,578 | 1/4 | 156,478 | 1/4 | 148,379 | 1/4 | 135,244 | 1/4 | 120,217 | 1/4 | 105,144 | 1/4 | 90,063 | | |
| 1/2 | 1/2 | 1/2 | 179,985 | 1/2 | 172,400 | 1/2 | 164,409 | 1/2 | 156,310 | 1/2 | 148,211 | 1/2 | 134,932 | 1/2 | 119,904 | 1/2 | 104,830 | 1/2 | 89,748 | | |
| 3/4 | 3/4 | 3/4 | 179,832 | 3/4 | 172,237 | 3/4 | 164,240 | 3/4 | 156,141 | 3/4 | 148,042 | 3/4 | 134,620 | 3/4 | 119,590 | 3/4 | 104,516 | 3/4 | 89,434 | | |
| 9 | | 9 | 179,680 | 9 | 172,074 | 9 | 164,071 | 9 | 155,972 | 9 | 147,873 | 9 | 134,308 | 9 | 119,276 | 9 | 104,202 | 9 | 89,120 | | |
| 1/4 | 1/4 | 1/4 | 179,527 | 1/4 | 171,911 | 1/4 | 163,903 | 1/4 | 155,804 | 1/4 | 147,704 | 1/4 | 133,996 | 1/4 | 118,963 | 1/4 | 103,888 | 1/4 | 88,806 | | |
| 1/2 | 1/2 | 1/2 | 179,374 | 1/2 | 171,748 | 1/2 | 163,734 | 1/2 | 155,635 | 1/2 | 147,536 | 1/2 | 133,683 | 1/2 | 118,649 | 1/2 | 103,573 | 1/2 | 88,492 | | |
| 3/4 | 3/4 | 3/4 | 179,219 | 3/4 | 171,584 | 3/4 | 163,565 | 3/4 | 155,466 | 3/4 | 147,367 | 3/4 | 133,371 | 3/4 | 118,336 | 3/4 | 103,259 | 3/4 | 88,177 | | |
| 10 | | 10 | 179,064 | 10 | 171,420 | 10 | 163,396 | 10 | 155,297 | 10 | 147,198 | 10 | 133,059 | 10 | 118,022 | 10 | 102,945 | 10 | 87,863 | | |
| 1/4 | 1/4 | 1/4 | 178,909 | 1/4 | 171,256 | 1/4 | 163,228 | 1/4 | 155,129 | 1/4 | 147,030 | 1/4 | 132,747 | 1/4 | 117,708 | 1/4 | 102,631 | 1/4 | 87,549 | | |
| 1/2 | 1/2 | 1/2 | 178,754 | 1/2 | 171,093 | 1/2 | 163,059 | 1/2 | 154,960 | 1/2 | 146,861 | 1/2 | 132,435 | 1/2 | 117,395 | 1/2 | 102,317 | 1/2 | 87,235 | | |
| 3/4 | 3/4 | 3/4 | 178,598 | 3/4 | 170,928 | 3/4 | 162,890 | 3/4 | 154,791 | 3/4 | 146,692 | 3/4 | 132,122 | 3/4 | 117,081 | 3/4 | 102,002 | 3/4 | 86,920 | | |
| 11 | | 11 | 178,442 | 11 | 170,764 | 11 | 162,722 | 11 | 154,622 | 11 | 146,523 | 11 | 131,810 | 11 | 116,768 | 11 | 101,688 | 11 | 86,606 | | |
| 1/4 | 1/4 | 1/4 | 178,286 | 1/4 | 170,600 | 1/4 | 162,553 | 1/4 | 154,454 | 1/4 | 146,355 | 1/4 | 131,498 | 1/4 | 116,454 | 1/4 | 101,374 | 1/4 | 86,292 | | |
| 1/2 | 1/2 | 1/2 | 178,130 | 1/2 | 170,435 | 1/2 | 162,384 | 1/2 | 154,285 | 1/2 | 146,186 | 1/2 | 131,186 | 1/2 | 116,140 | 1/2 | 101,060 | 1/2 | 85,978 | | |
| 3/4 | 3/4 | 3/4 | 177,974 | 3/4 | 170,270 | 3/4 | 162,215 | 3/4 | 154,116 | 3/4 | 145,873 | 3/4 | 130,872 | 3/4 | 115,826 | 3/4 | 100,746 | 3/4 | 85,664 | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 390"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 85,349 | 0 | 70,264 | 0 | 55,236 | 0 | 40,578 | 0 | 25,783 | 0 | 10,693 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 85,035 | 1/4 | 69,950 | 1/4 | 54,924 | 1/4 | 40,278 | 1/4 | 25,468 | 1/4 | 10,379 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 84,721 | 1/2 | 69,636 | 1/2 | 54,613 | 1/2 | 39,978 | 1/2 | 25,154 | 1/2 | 10,064 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 84,407 | 3/4 | 69,321 | 3/4 | 54,301 | 3/4 | 39,678 | 3/4 | 24,840 | 3/4 | 9,750 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 84,093 | 1 | 69,007 | 1 | 53,989 | 1 | 39,378 | 1 | 24,525 | 1 | 9,436 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 83,778 | 1/4 | 68,693 | 1/4 | 53,678 | 1/4 | 39,077 | 1/4 | 24,211 | 1/4 | 9,121 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 83,464 | 1/2 | 68,379 | 1/2 | 53,366 | 1/2 | 38,777 | 1/2 | 23,896 | 1/2 | 8,807 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 83,150 | 3/4 | 68,064 | 3/4 | 53,054 | 3/4 | 38,477 | 3/4 | 23,582 | 3/4 | 8,492 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 82,835 | 2 | 67,750 | 2 | 52,742 | 2 | 38,177 | 2 | 23,268 | 2 | 8,178 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 82,521 | 1/4 | 67,436 | 1/4 | 52,431 | 1/4 | 37,876 | 1/4 | 22,953 | 1/4 | 7,864 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 82,207 | 1/2 | 67,122 | 1/2 | 52,119 | 1/2 | 37,576 | 1/2 | 22,639 | 1/2 | 7,549 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 81,893 | 3/4 | 66,807 | 3/4 | 51,808 | 3/4 | 37,275 | 3/4 | 22,325 | 3/4 | 7,235 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 81,578 | 3 | 66,493 | 3 | 51,497 | 3 | 36,973 | 3 | 22,010 | 3 | 6,921 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 81,264 | 1/4 | 66,179 | 1/4 | 51,186 | 1/4 | 36,672 | 1/4 | 21,696 | 1/4 | 6,606 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 80,950 | 1/2 | 65,864 | 1/2 | 50,875 | 1/2 | 36,371 | 1/2 | 21,381 | 1/2 | 6,292 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 80,635 | 3/4 | 65,550 | 3/4 | 50,564 | 3/4 | 36,070 | 3/4 | 21,067 | 3/4 | 5,978 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 80,321 | 4 | 65,236 | 4 | 50,253 | 4 | 35,768 | 4 | 20,753 | 4 | 5,664 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 80,007 | 1/4 | 64,922 | 1/4 | 49,943 | 1/4 | 35,467 | 1/4 | 20,438 | 1/4 | 5,350 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 79,693 | 1/2 | 64,607 | 1/2 | 49,632 | 1/2 | 35,166 | 1/2 | 20,124 | 1/2 | 5,035 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 79,378 | 3/4 | 64,293 | 3/4 | 49,320 | 3/4 | 34,863 | 3/4 | 19,810 | 3/4 | 4,723 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 79,064 | 5 | 63,979 | 5 | 49,007 | 5 | 34,561 | 5 | 19,495 | 5 | 4,410 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 78,750 | 1/4 | 63,664 | 1/4 | 48,695 | 1/4 | 34,259 | 1/4 | 19,181 | 1/4 | 4,097 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 78,436 | 1/2 | 63,350 | 1/2 | 48,383 | 1/2 | 33,956 | 1/2 | 18,867 | 1/2 | 3,784 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 78,121 | 3/4 | 63,036 | 3/4 | 48,083 | 3/4 | 33,642 | 3/4 | 18,552 | 3/4 | 3,496 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 77,807 | 6 | 62,722 | 6 | 47,783 | 6 | 33,327 | 6 | 18,238 | 6 | 3,209 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 77,493 | 1/4 | 62,407 | 1/4 | 47,483 | 1/4 | 33,013 | 1/4 | 17,923 | 1/4 | 2,921 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 77,178 | 1/2 | 62,093 | 1/2 | 47,182 | 1/2 | 32,699 | 1/2 | 17,609 | 1/2 | 2,633 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 76,864 | 3/4 | 61,781 | 3/4 | 46,882 | 3/4 | 32,384 | 3/4 | 17,295 | 3/4 | 2,398 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 76,550 | 7 | 61,470 | 7 | 46,582 | 7 | 32,070 | 7 | 16,980 | 7 | 2,162 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 76,236 | 1/4 | 61,158 | 1/4 | 46,282 | 1/4 | 31,756 | 1/4 | 16,666 | 1/4 | 1,926 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 75,921 | 1/2 | 60,846 | 1/2 | 45,982 | 1/2 | 31,441 | 1/2 | 16,352 | 1/2 | 1,691 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 75,607 | 3/4 | 60,535 | 3/4 | 45,682 | 3/4 | 31,127 | 3/4 | 16,037 | 3/4 | 1,507 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 75,293 | 8 | 60,223 | 8 | 45,381 | 8 | 30,812 | 8 | 15,723 | 8 | 1,324 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 74,978 | 1/4 | 59,911 | 1/4 | 45,081 | 1/4 | 30,498 | 1/4 | 15,409 | 1/4 | 1,140 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 74,664 | 1/2 | 59,600 | 1/2 | 44,781 | 1/2 | 30,184 | 1/2 | 15,094 | 1/2 | 957 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 74,350 | 3/4 | 59,288 | 3/4 | 44,481 | 3/4 | 29,869 | 3/4 | 14,780 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 74,036 | 9 | 58,976 | 9 | 44,181 | 9 | 29,555 | 9 | 14,465 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 73,721 | 1/4 | 58,665 | 1/4 | 43,880 | 1/4 | 29,241 | 1/4 | 14,151 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 73,407 | 1/2 | 58,353 | 1/2 | 43,580 | 1/2 | 28,926 | 1/2 | 13,837 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 73,093 | 3/4 | 58,041 | 3/4 | 43,280 | 3/4 | 28,612 | 3/4 | 13,522 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 72,779 | 10 | 57,729 | 10 | 42,980 | 10 | 28,298 | 10 | 13,208 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 72,464 | 1/4 | 57,418 | 1/4 | 42,680 | 1/4 | 27,983 | 1/4 | 12,894 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 72,150 | 1/2 | 57,106 | 1/2 | 42,379 | 1/2 | 27,669 | 1/2 | 12,579 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 71,836 | 3/4 | 56,794 | 3/4 | 42,079 | 3/4 | 27,354 | 3/4 | 12,265 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 71,521 | 11 | 56,483 | 11 | 41,779 | 11 | 27,040 | 11 | 11,951 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 71,207 | 1/4 | 56,171 | 1/4 | 41,479 | 1/4 | 26,726 | 1/4 | 11,636 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 70,893 | 1/2 | 55,859 | 1/2 | 41,179 | 1/2 | 26,411 | 1/2 | 11,322 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 70,579 | 3/4 | 55,548 | 3/4 | 40,878 | 3/4 | 26,097 | 3/4 | 11,007 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2013 SW
CALCULATED: 11/21/2013 CL
PRINTED: 11/24/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2013

PRECISION MEASUREMENT
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