



BARGE "CBC 396"

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 | 00-0/8 | - 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 |
| 1 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 |
| 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 | 00-1/4 | - 00-1/4 |
| 2 STBD | 00-0/8 | - 00-0/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 |
| 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'-03"

December 16, 2014

PRECISION MEASUREMENT
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BARGE "CBC 396"

1 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 | 898 | 0 | 15,087 | 0 | 30,320 | 0 | 45,543 | 0 | 60,766 | 0 | 76,000 | 0 | 91,234 | 0 | 106,468 | 0 | 121,697 | 0 | 136,925 |
| 1/4 | 1,077 | 1/4 | 15,404 | 1/4 | 30,637 | 1/4 | 45,860 | 1/4 | 61,084 | 1/4 | 76,317 | 1/4 | 91,551 | 1/4 | 106,785 | 1/4 | 122,014 | 1/4 | 137,242 |
| 1/2 | 1,255 | 1/2 | 15,721 | 1/2 | 30,954 | 1/2 | 46,177 | 1/2 | 61,401 | 1/2 | 76,635 | 1/2 | 91,869 | 1/2 | 107,102 | 1/2 | 122,332 | 1/2 | 137,560 |
| 3/4 | 1,434 | 3/4 | 16,039 | 3/4 | 31,272 | 3/4 | 46,494 | 3/4 | 61,718 | 3/4 | 76,952 | 3/4 | 92,186 | 3/4 | 107,420 | 3/4 | 122,649 | 3/4 | 137,877 |
| 1 | 1,612 | 1 | 16,356 | 1 | 31,589 | 1 | 46,810 | 1 | 62,036 | 1 | 77,270 | 1 | 92,503 | 1 | 107,737 | 1 | 122,966 | 1 | 138,194 |
| 1/4 | 1,844 | 1/4 | 16,673 | 1/4 | 31,907 | 1/4 | 47,127 | 1/4 | 62,353 | 1/4 | 77,587 | 1/4 | 92,821 | 1/4 | 108,054 | 1/4 | 123,283 | 1/4 | 138,512 |
| 1/2 | 2,075 | 1/2 | 16,991 | 1/2 | 32,224 | 1/2 | 47,444 | 1/2 | 62,670 | 1/2 | 77,904 | 1/2 | 93,138 | 1/2 | 108,372 | 1/2 | 123,601 | 1/2 | 138,829 |
| 3/4 | 2,306 | 3/4 | 17,308 | 3/4 | 32,541 | 3/4 | 47,761 | 3/4 | 62,988 | 3/4 | 78,222 | 3/4 | 93,455 | 3/4 | 108,689 | 3/4 | 123,918 | 3/4 | 139,146 |
| 2 | 2,538 | 2 | 17,625 | 2 | 32,859 | 2 | 48,078 | 2 | 63,305 | 2 | 78,539 | 2 | 93,773 | 2 | 109,007 | 2 | 124,235 | 2 | 139,463 |
| 1/4 | 2,822 | 1/4 | 17,945 | 1/4 | 33,176 | 1/4 | 48,395 | 1/4 | 63,623 | 1/4 | 78,856 | 1/4 | 94,090 | 1/4 | 109,324 | 1/4 | 124,552 | 1/4 | 139,781 |
| 1/2 | 3,106 | 1/2 | 18,262 | 1/2 | 33,493 | 1/2 | 48,712 | 1/2 | 63,940 | 1/2 | 79,174 | 1/2 | 94,407 | 1/2 | 109,641 | 1/2 | 124,870 | 1/2 | 140,098 |
| 3/4 | 3,391 | 3/4 | 18,578 | 3/4 | 33,811 | 3/4 | 49,028 | 3/4 | 64,257 | 3/4 | 79,491 | 3/4 | 94,725 | 3/4 | 109,959 | 3/4 | 125,187 | 3/4 | 140,415 |
| 3 | 3,675 | 3 | 18,895 | 3 | 34,128 | 3 | 49,345 | 3 | 64,575 | 3 | 79,808 | 3 | 95,042 | 3 | 110,276 | 3 | 125,504 | 3 | 140,732 |
| 1/4 | 3,989 | 1/4 | 19,212 | 1/4 | 34,445 | 1/4 | 49,662 | 1/4 | 64,892 | 1/4 | 80,126 | 1/4 | 95,360 | 1/4 | 110,593 | 1/4 | 125,821 | 1/4 | 141,050 |
| 1/2 | 4,303 | 1/2 | 19,530 | 1/2 | 34,763 | 1/2 | 49,979 | 1/2 | 65,209 | 1/2 | 80,443 | 1/2 | 95,677 | 1/2 | 110,911 | 1/2 | 126,139 | 1/2 | 141,367 |
| 3/4 | 4,617 | 3/4 | 19,847 | 3/4 | 35,080 | 3/4 | 50,296 | 3/4 | 65,527 | 3/4 | 80,761 | 3/4 | 95,994 | 3/4 | 111,228 | 3/4 | 126,456 | 3/4 | 141,684 |
| 4 | 4,931 | 4 | 20,164 | 4 | 35,397 | 4 | 50,613 | 4 | 65,844 | 4 | 81,078 | 4 | 96,312 | 4 | 111,545 | 4 | 126,773 | 4 | 142,001 |
| 1/4 | 5,248 | 1/4 | 20,482 | 1/4 | 35,715 | 1/4 | 50,930 | 1/4 | 66,162 | 1/4 | 81,395 | 1/4 | 96,629 | 1/4 | 111,862 | 1/4 | 127,090 | 1/4 | 142,319 |
| 1/2 | 5,566 | 1/2 | 20,799 | 1/2 | 36,032 | 1/2 | 51,246 | 1/2 | 66,479 | 1/2 | 81,713 | 1/2 | 96,946 | 1/2 | 112,180 | 1/2 | 127,408 | 1/2 | 142,636 |
| 3/4 | 5,883 | 3/4 | 21,116 | 3/4 | 36,350 | 3/4 | 51,563 | 3/4 | 66,796 | 3/4 | 82,030 | 3/4 | 97,264 | 3/4 | 112,497 | 3/4 | 127,725 | 3/4 | 142,953 |
| 5 | 6,201 | 5 | 21,434 | 5 | 36,667 | 5 | 51,880 | 5 | 67,114 | 5 | 82,347 | 5 | 97,581 | 5 | 112,814 | 5 | 128,042 | 5 | 143,270 |
| 1/4 | 6,518 | 1/4 | 21,751 | 1/4 | 36,984 | 1/4 | 52,197 | 1/4 | 67,431 | 1/4 | 82,665 | 1/4 | 97,899 | 1/4 | 113,131 | 1/4 | 128,359 | 1/4 | 143,588 |
| 1/2 | 6,835 | 1/2 | 22,068 | 1/2 | 37,302 | 1/2 | 52,515 | 1/2 | 67,748 | 1/2 | 82,982 | 1/2 | 98,216 | 1/2 | 113,449 | 1/2 | 128,677 | 1/2 | 143,905 |
| 3/4 | 7,153 | 3/4 | 22,386 | 3/4 | 37,619 | 3/4 | 52,832 | 3/4 | 68,066 | 3/4 | 83,300 | 3/4 | 98,533 | 3/4 | 113,766 | 3/4 | 128,994 | 3/4 | 144,222 |
| 6 | 7,470 | 6 | 22,703 | 6 | 37,936 | 6 | 53,149 | 6 | 68,383 | 6 | 83,617 | 6 | 98,851 | 6 | 114,083 | 6 | 129,311 | 6 | 144,539 |
| 1/4 | 7,785 | 1/4 | 23,021 | 1/4 | 38,254 | 1/4 | 53,467 | 1/4 | 68,701 | 1/4 | 83,934 | 1/4 | 99,168 | 1/4 | 114,400 | 1/4 | 129,628 | 1/4 | 144,857 |
| 1/2 | 8,103 | 1/2 | 23,338 | 1/2 | 38,571 | 1/2 | 53,784 | 1/2 | 69,018 | 1/2 | 84,252 | 1/2 | 99,485 | 1/2 | 114,718 | 1/2 | 129,946 | 1/2 | 145,174 |
| 3/4 | 8,421 | 3/4 | 23,655 | 3/4 | 38,888 | 3/4 | 54,101 | 3/4 | 69,335 | 3/4 | 84,569 | 3/4 | 99,803 | 3/4 | 115,035 | 3/4 | 130,263 | 3/4 | 145,491 |
| 7 | 8,739 | 7 | 23,973 | 7 | 39,206 | 7 | 54,419 | 7 | 69,653 | 7 | 84,886 | 7 | 100,120 | 7 | 115,352 | 7 | 130,580 | 7 | 145,808 |
| 1/4 | 9,057 | 1/4 | 24,290 | 1/4 | 39,523 | 1/4 | 54,736 | 1/4 | 69,970 | 1/4 | 85,204 | 1/4 | 100,438 | 1/4 | 115,669 | 1/4 | 130,897 | 1/4 | 146,126 |
| 1/2 | 9,374 | 1/2 | 24,607 | 1/2 | 39,840 | 1/2 | 55,054 | 1/2 | 70,287 | 1/2 | 85,521 | 1/2 | 100,755 | 1/2 | 115,987 | 1/2 | 131,215 | 1/2 | 146,443 |
| 3/4 | 9,691 | 3/4 | 24,925 | 3/4 | 40,156 | 3/4 | 55,371 | 3/4 | 70,605 | 3/4 | 85,838 | 3/4 | 101,072 | 3/4 | 116,304 | 3/4 | 131,532 | 3/4 | 146,760 |
| 8 | 10,009 | 8 | 25,242 | 8 | 40,473 | 8 | 55,688 | 8 | 70,922 | 8 | 86,156 | 8 | 101,390 | 8 | 116,621 | 8 | 131,849 | 8 | 147,077 |
| 1/4 | 10,326 | 1/4 | 25,559 | 1/4 | 40,790 | 1/4 | 56,006 | 1/4 | 71,239 | 1/4 | 86,473 | 1/4 | 101,707 | 1/4 | 116,938 | 1/4 | 132,166 | 1/4 | 147,395 |
| 1/2 | 10,644 | 1/2 | 25,877 | 1/2 | 41,107 | 1/2 | 56,323 | 1/2 | 71,557 | 1/2 | 86,791 | 1/2 | 102,024 | 1/2 | 117,256 | 1/2 | 132,484 | 1/2 | 147,712 |
| 3/4 | 10,961 | 3/4 | 26,194 | 3/4 | 41,424 | 3/4 | 56,640 | 3/4 | 71,874 | 3/4 | 87,108 | 3/4 | 102,342 | 3/4 | 117,573 | 3/4 | 132,801 | 3/4 | 148,029 |
| 9 | 11,278 | 9 | 26,511 | 9 | 41,741 | 9 | 56,958 | 9 | 72,192 | 9 | 87,425 | 9 | 102,659 | 9 | 117,890 | 9 | 133,118 | 9 | 148,346 |
| 1/4 | 11,596 | 1/4 | 26,829 | 1/4 | 42,058 | 1/4 | 57,275 | 1/4 | 72,509 | 1/4 | 87,743 | 1/4 | 102,976 | 1/4 | 118,207 | 1/4 | 133,435 | 1/4 | 148,664 |
| 1/2 | 11,913 | 1/2 | 27,146 | 1/2 | 42,375 | 1/2 | 57,593 | 1/2 | 72,826 | 1/2 | 88,060 | 1/2 | 103,294 | 1/2 | 118,525 | 1/2 | 133,753 | 1/2 | 148,981 |
| 3/4 | 12,230 | 3/4 | 27,464 | 3/4 | 42,691 | 3/4 | 57,910 | 3/4 | 73,144 | 3/4 | 88,377 | 3/4 | 103,611 | 3/4 | 118,842 | 3/4 | 134,070 | 3/4 | 149,298 |
| 10 | 12,548 | 10 | 27,781 | 10 | 43,008 | 10 | 58,227 | 10 | 73,461 | 10 | 88,695 | 10 | 103,929 | 10 | 119,159 | 10 | 134,387 | 10 | 149,615 |
| 1/4 | 12,865 | 1/4 | 28,098 | 1/4 | 43,325 | 1/4 | 58,545 | 1/4 | 73,778 | 1/4 | 89,012 | 1/4 | 104,246 | 1/4 | 119,476 | 1/4 | 134,704 | 1/4 | 149,933 |
| 1/2 | 13,182 | 1/2 | 28,416 | 1/2 | 43,642 | 1/2 | 58,862 | 1/2 | 74,096 | 1/2 | 89,330 | 1/2 | 104,563 | 1/2 | 119,794 | 1/2 | 135,022 | 1/2 | 150,250 |
| 3/4 | 13,500 | 3/4 | 28,733 | 3/4 | 43,959 | 3/4 | 59,179 | 3/4 | 74,413 | 3/4 | 89,647 | 3/4 | 104,881 | 3/4 | 120,111 | 3/4 | 135,339 | 3/4 | 150,567 |
| 11 | 13,817 | 11 | 29,050 | 11 | 44,276 | 11 | 59,497 | 11 | 74,731 | 11 | 89,964 | 11 | 105,198 | 11 | 120,428 | 11 | 135,656 | 11 | 150,884 |
| 1/4 | 14,134 | 1/4 | 29,368 | 1/4 | 44,592 | 1/4 | 59,814 | 1/4 | 75,048 | 1/4 | 90,282 | 1/4 | 105,515 | 1/4 | 120,745 | 1/4 | 135,973 | 1/4 | 151,202 |
| 1/2 | 14,452 | 1/2 | 29,685 | 1/2 | 44,909 | 1/2 | 60,132 | 1/2 | 75,365 | 1/2 | 90,599 | 1/2 | 105,833 | 1/2 | 121,063 | 1/2 | 136,291 | 1/2 | 151,519 |
| 3/4 | 14,769 | 3/4 | 30,002 | 3/4 | 45,226 | 3/4 | 60,449 | 3/4 | 75,683 | 3/4 | 90,916 | 3/4 | 106,150 | 3/4 | 121,380 | 3/4 | 136,608 | 3/4 | 151,836 |

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'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 396"

1 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 | 152,153 | 0 | 167,381 | 0 | 182,581 | 0 | 197,216 | 0 | 211,082 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 152,471 | 1/4 | 167,699 | 1/4 | 182,893 | 1/4 | 197,512 | 1/4 | 211,393 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 152,788 | 1/2 | 168,016 | 1/2 | 183,205 | 1/2 | 197,808 | 1/2 | 211,704 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 153,105 | 3/4 | 168,333 | 3/4 | 183,517 | 3/4 | 198,104 | 3/4 | 212,015 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 153,422 | 1 | 168,650 | 1 | 183,829 | 1 | 198,401 | 1 | 212,326 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 153,740 | 1/4 | 168,968 | 1/4 | 184,140 | 1/4 | 198,694 | 1/4 | 212,639 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 154,057 | 1/2 | 169,285 | 1/2 | 184,451 | 1/2 | 198,988 | 1/2 | 212,952 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 154,374 | 3/4 | 169,602 | 3/4 | 184,762 | 3/4 | 199,282 | 3/4 | 213,265 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 154,691 | 2 | 169,919 | 2 | 185,073 | 2 | 199,576 | 2 | 213,578 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 155,009 | 1/4 | 170,237 | 1/4 | 185,383 | 1/4 | 199,868 | 1/4 | 213,891 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 155,326 | 1/2 | 170,554 | 1/2 | 185,692 | 1/2 | 200,160 | 1/2 | 214,205 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 155,643 | 3/4 | 170,871 | 3/4 | 186,002 | 3/4 | 200,453 | 3/4 | 214,518 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 155,960 | 3 | 171,188 | 3 | 186,312 | 3 | 200,745 | 3 | 214,831 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 156,278 | 1/4 | 171,506 | 1/4 | 186,620 | 1/4 | 201,036 | 1/4 | 215,144 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 156,595 | 1/2 | 171,823 | 1/2 | 186,928 | 1/2 | 201,327 | 1/2 | 215,457 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 156,912 | 3/4 | 172,140 | 3/4 | 187,237 | 3/4 | 201,618 | 3/4 | 215,770 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 157,229 | 4 | 172,458 | 4 | 187,545 | 4 | 201,909 | 4 | 216,083 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 157,547 | 1/4 | 172,775 | 1/4 | 187,852 | 1/4 | 202,199 | 1/4 | 216,396 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 157,864 | 1/2 | 173,092 | 1/2 | 188,159 | 1/2 | 202,488 | 1/2 | 216,710 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 158,181 | 3/4 | 173,409 | 3/4 | 188,465 | 3/4 | 202,778 | 3/4 | 217,023 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 158,498 | 5 | 173,727 | 5 | 188,772 | 5 | 203,068 | 5 | 217,336 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 158,816 | 1/4 | 174,044 | 1/4 | 189,078 | 1/4 | 203,356 | 1/4 | 217,643 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 159,133 | 1/2 | 174,361 | 1/2 | 189,383 | 1/2 | 203,644 | 1/2 | 217,951 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 159,450 | 3/4 | 174,678 | 3/4 | 189,689 | 3/4 | 203,932 | 3/4 | 218,258 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 159,767 | 6 | 174,996 | 6 | 189,994 | 6 | 204,220 | 6 | 218,565 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 160,085 | 1/4 | 175,313 | 1/4 | 190,299 | 1/4 | 204,507 | 1/4 | 218,831 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 160,402 | 1/2 | 175,630 | 1/2 | 190,603 | 1/2 | 204,794 | 1/2 | 219,097 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 160,719 | 3/4 | 175,947 | 3/4 | 190,907 | 3/4 | 205,081 | 3/4 | 219,363 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 161,036 | 7 | 176,265 | 7 | 191,212 | 7 | 205,368 | 7 | 219,629 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 161,354 | 1/4 | 176,582 | 1/4 | 191,514 | 1/4 | 205,654 | 1/4 | 219,844 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 161,671 | 1/2 | 176,899 | 1/2 | 191,817 | 1/2 | 205,939 | 1/2 | 220,059 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 161,988 | 3/4 | 177,216 | 3/4 | 192,120 | 3/4 | 206,225 | 3/4 | 220,274 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 162,305 | 8 | 177,534 | 8 | 192,423 | 8 | 206,511 | 8 | 220,489 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 162,623 | 1/4 | 177,851 | 1/4 | 192,725 | 1/4 | 206,795 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 162,940 | 1/2 | 178,168 | 1/2 | 193,026 | 1/2 | 207,080 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 163,257 | 3/4 | 178,485 | 3/4 | 193,327 | 3/4 | 207,364 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 163,574 | 9 | 178,802 | 9 | 193,629 | 9 | 207,648 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 163,892 | 1/4 | 179,118 | 1/4 | 193,929 | 1/4 | 207,931 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 164,209 | 1/2 | 179,434 | 1/2 | 194,229 | 1/2 | 208,214 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 164,526 | 3/4 | 179,751 | 3/4 | 194,529 | 3/4 | 208,498 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 164,843 | 10 | 180,067 | 10 | 194,830 | 10 | 208,781 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 165,161 | 1/4 | 180,382 | 1/4 | 195,128 | 1/4 | 209,062 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 165,478 | 1/2 | 180,697 | 1/2 | 195,427 | 1/2 | 209,344 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 165,795 | 3/4 | 181,012 | 3/4 | 195,726 | 3/4 | 209,626 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 166,112 | 11 | 181,327 | 11 | 196,025 | 11 | 209,907 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 166,430 | 1/4 | 181,640 | 1/4 | 196,323 | 1/4 | 210,201 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 166,747 | 1/2 | 181,954 | 1/2 | 196,620 | 1/2 | 210,495 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 167,064 | 3/4 | 182,267 | 3/4 | 196,918 | 3/4 | 210,788 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "CBC 396"

1 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 | 898 | 0 | 15,083 | 0 | 30,312 | 0 | 45,493 | 0 | 60,672 | 0 | 75,902 | 0 | 91,132 | 0 | 106,362 | 0 | 121,588 | 0 | 136,813 |
| 1/4 | 1,076 | 1/4 | 15,400 | 1/4 | 30,630 | 1/4 | 45,808 | 1/4 | 60,989 | 1/4 | 76,219 | 1/4 | 91,449 | 1/4 | 106,680 | 1/4 | 121,905 | 1/4 | 137,130 |
| 1/2 | 1,255 | 1/2 | 15,717 | 1/2 | 30,947 | 1/2 | 46,123 | 1/2 | 61,307 | 1/2 | 76,537 | 1/2 | 91,767 | 1/2 | 106,997 | 1/2 | 122,223 | 1/2 | 137,447 |
| 3/4 | 1,433 | 3/4 | 16,035 | 3/4 | 31,264 | 3/4 | 46,438 | 3/4 | 61,624 | 3/4 | 76,854 | 3/4 | 92,084 | 3/4 | 107,314 | 3/4 | 122,540 | 3/4 | 137,764 |
| 1 | 1,612 | 1 | 16,352 | 1 | 31,582 | 1 | 46,754 | 1 | 61,941 | 1 | 77,171 | 1 | 92,401 | 1 | 107,631 | 1 | 122,857 | 1 | 138,081 |
| 1/4 | 1,843 | 1/4 | 16,669 | 1/4 | 31,899 | 1/4 | 47,069 | 1/4 | 62,259 | 1/4 | 77,489 | 1/4 | 92,719 | 1/4 | 107,949 | 1/4 | 123,174 | 1/4 | 138,399 |
| 1/2 | 2,075 | 1/2 | 16,987 | 1/2 | 32,216 | 1/2 | 47,384 | 1/2 | 62,576 | 1/2 | 77,806 | 1/2 | 93,036 | 1/2 | 108,266 | 1/2 | 123,491 | 1/2 | 138,716 |
| 3/4 | 2,306 | 3/4 | 17,304 | 3/4 | 32,533 | 3/4 | 47,699 | 3/4 | 62,893 | 3/4 | 78,123 | 3/4 | 93,353 | 3/4 | 108,583 | 3/4 | 123,808 | 3/4 | 139,033 |
| 2 | 2,537 | 2 | 17,621 | 2 | 32,851 | 2 | 48,014 | 2 | 63,210 | 2 | 78,440 | 2 | 93,671 | 2 | 108,901 | 2 | 124,126 | 2 | 139,350 |
| 1/4 | 2,821 | 1/4 | 17,941 | 1/4 | 33,168 | 1/4 | 48,329 | 1/4 | 63,528 | 1/4 | 78,758 | 1/4 | 93,988 | 1/4 | 109,218 | 1/4 | 124,443 | 1/4 | 139,667 |
| 1/2 | 3,106 | 1/2 | 18,257 | 1/2 | 33,485 | 1/2 | 48,644 | 1/2 | 63,845 | 1/2 | 79,075 | 1/2 | 94,305 | 1/2 | 109,535 | 1/2 | 124,760 | 1/2 | 139,984 |
| 3/4 | 3,390 | 3/4 | 18,574 | 3/4 | 33,802 | 3/4 | 48,959 | 3/4 | 64,162 | 3/4 | 79,392 | 3/4 | 94,622 | 3/4 | 109,853 | 3/4 | 125,077 | 3/4 | 140,302 |
| 3 | 3,674 | 3 | 18,890 | 3 | 34,120 | 3 | 49,275 | 3 | 64,480 | 3 | 79,710 | 3 | 94,940 | 3 | 110,170 | 3 | 125,394 | 3 | 140,619 |
| 1/4 | 3,988 | 1/4 | 19,208 | 1/4 | 34,437 | 1/4 | 49,590 | 1/4 | 64,797 | 1/4 | 80,027 | 1/4 | 95,257 | 1/4 | 110,487 | 1/4 | 125,712 | 1/4 | 140,936 |
| 1/2 | 4,302 | 1/2 | 19,525 | 1/2 | 34,754 | 1/2 | 49,905 | 1/2 | 65,114 | 1/2 | 80,344 | 1/2 | 95,574 | 1/2 | 110,804 | 1/2 | 126,029 | 1/2 | 141,253 |
| 3/4 | 4,616 | 3/4 | 19,842 | 3/4 | 35,072 | 3/4 | 50,220 | 3/4 | 65,431 | 3/4 | 80,662 | 3/4 | 95,892 | 3/4 | 111,121 | 3/4 | 126,346 | 3/4 | 141,570 |
| 4 | 4,930 | 4 | 20,159 | 4 | 35,389 | 4 | 50,535 | 4 | 65,749 | 4 | 80,979 | 4 | 96,209 | 4 | 111,439 | 4 | 126,663 | 4 | 141,887 |
| 1/4 | 5,247 | 1/4 | 20,477 | 1/4 | 35,706 | 1/4 | 50,850 | 1/4 | 66,066 | 1/4 | 81,296 | 1/4 | 96,526 | 1/4 | 111,756 | 1/4 | 126,980 | 1/4 | 142,205 |
| 1/2 | 5,565 | 1/2 | 20,794 | 1/2 | 36,023 | 1/2 | 51,165 | 1/2 | 66,383 | 1/2 | 81,613 | 1/2 | 96,843 | 1/2 | 112,073 | 1/2 | 127,297 | 1/2 | 142,522 |
| 3/4 | 5,882 | 3/4 | 21,111 | 3/4 | 36,341 | 3/4 | 51,480 | 3/4 | 66,701 | 3/4 | 81,931 | 3/4 | 97,161 | 3/4 | 112,390 | 3/4 | 127,615 | 3/4 | 142,839 |
| 5 | 6,199 | 5 | 21,429 | 5 | 36,658 | 5 | 51,795 | 5 | 67,018 | 5 | 82,248 | 5 | 97,478 | 5 | 112,707 | 5 | 127,932 | 5 | 143,156 |
| 1/4 | 6,516 | 1/4 | 21,746 | 1/4 | 36,975 | 1/4 | 52,111 | 1/4 | 67,335 | 1/4 | 82,565 | 1/4 | 97,795 | 1/4 | 113,024 | 1/4 | 128,249 | 1/4 | 143,473 |
| 1/2 | 6,834 | 1/2 | 22,063 | 1/2 | 37,293 | 1/2 | 52,427 | 1/2 | 67,653 | 1/2 | 82,883 | 1/2 | 98,113 | 1/2 | 113,342 | 1/2 | 128,566 | 1/2 | 143,791 |
| 3/4 | 7,151 | 3/4 | 22,380 | 3/4 | 37,610 | 3/4 | 52,742 | 3/4 | 67,970 | 3/4 | 83,200 | 3/4 | 98,430 | 3/4 | 113,659 | 3/4 | 128,883 | 3/4 | 144,108 |
| 6 | 7,468 | 6 | 22,698 | 6 | 37,927 | 6 | 53,058 | 6 | 68,287 | 6 | 83,517 | 6 | 98,747 | 6 | 113,976 | 6 | 129,200 | 6 | 144,425 |
| 1/4 | 7,783 | 1/4 | 23,015 | 1/4 | 38,243 | 1/4 | 53,375 | 1/4 | 68,604 | 1/4 | 83,834 | 1/4 | 99,065 | 1/4 | 114,293 | 1/4 | 129,518 | 1/4 | 144,742 |
| 1/2 | 8,101 | 1/2 | 23,332 | 1/2 | 38,559 | 1/2 | 53,692 | 1/2 | 68,922 | 1/2 | 84,152 | 1/2 | 99,382 | 1/2 | 114,610 | 1/2 | 129,835 | 1/2 | 145,059 |
| 3/4 | 8,419 | 3/4 | 23,650 | 3/4 | 38,875 | 3/4 | 54,009 | 3/4 | 69,239 | 3/4 | 84,469 | 3/4 | 99,699 | 3/4 | 114,928 | 3/4 | 130,152 | 3/4 | 145,376 |
| 7 | 8,737 | 7 | 23,967 | 7 | 39,190 | 7 | 54,326 | 7 | 69,556 | 7 | 84,786 | 7 | 100,016 | 7 | 115,245 | 7 | 130,469 | 7 | 145,694 |
| 1/4 | 9,055 | 1/4 | 24,284 | 1/4 | 39,506 | 1/4 | 54,643 | 1/4 | 69,874 | 1/4 | 85,104 | 1/4 | 100,334 | 1/4 | 115,562 | 1/4 | 130,786 | 1/4 | 146,011 |
| 1/2 | 9,372 | 1/2 | 24,601 | 1/2 | 39,821 | 1/2 | 54,961 | 1/2 | 70,191 | 1/2 | 85,421 | 1/2 | 100,651 | 1/2 | 115,879 | 1/2 | 131,103 | 1/2 | 146,328 |
| 3/4 | 9,689 | 3/4 | 24,919 | 3/4 | 40,136 | 3/4 | 55,278 | 3/4 | 70,508 | 3/4 | 85,738 | 3/4 | 100,968 | 3/4 | 116,196 | 3/4 | 131,421 | 3/4 | 146,645 |
| 8 | 10,006 | 8 | 25,236 | 8 | 40,451 | 8 | 55,595 | 8 | 70,825 | 8 | 86,056 | 8 | 101,286 | 8 | 116,513 | 8 | 131,738 | 8 | 146,962 |
| 1/4 | 10,324 | 1/4 | 25,553 | 1/4 | 40,766 | 1/4 | 55,913 | 1/4 | 71,143 | 1/4 | 86,373 | 1/4 | 101,603 | 1/4 | 116,831 | 1/4 | 132,055 | 1/4 | 147,279 |
| 1/2 | 10,641 | 1/2 | 25,870 | 1/2 | 41,081 | 1/2 | 56,230 | 1/2 | 71,460 | 1/2 | 86,690 | 1/2 | 101,920 | 1/2 | 117,148 | 1/2 | 132,372 | 1/2 | 147,597 |
| 3/4 | 10,958 | 3/4 | 26,188 | 3/4 | 41,397 | 3/4 | 56,547 | 3/4 | 71,777 | 3/4 | 87,007 | 3/4 | 102,237 | 3/4 | 117,465 | 3/4 | 132,689 | 3/4 | 147,914 |
| 9 | 11,276 | 9 | 26,505 | 9 | 41,712 | 9 | 56,865 | 9 | 72,095 | 9 | 87,325 | 9 | 102,555 | 9 | 117,782 | 9 | 133,007 | 9 | 148,231 |
| 1/4 | 11,593 | 1/4 | 26,822 | 1/4 | 42,027 | 1/4 | 57,182 | 1/4 | 72,412 | 1/4 | 87,642 | 1/4 | 102,872 | 1/4 | 118,099 | 1/4 | 133,324 | 1/4 | 148,548 |
| 1/2 | 11,910 | 1/2 | 27,140 | 1/2 | 42,342 | 1/2 | 57,499 | 1/2 | 72,729 | 1/2 | 87,959 | 1/2 | 103,189 | 1/2 | 118,416 | 1/2 | 133,641 | 1/2 | 148,865 |
| 3/4 | 12,227 | 3/4 | 27,457 | 3/4 | 42,657 | 3/4 | 57,816 | 3/4 | 73,046 | 3/4 | 88,277 | 3/4 | 103,507 | 3/4 | 118,734 | 3/4 | 133,958 | 3/4 | 149,183 |
| 10 | 12,545 | 10 | 27,774 | 10 | 42,972 | 10 | 58,134 | 10 | 73,364 | 10 | 88,594 | 10 | 103,824 | 10 | 119,051 | 10 | 134,275 | 10 | 149,500 |
| 1/4 | 12,862 | 1/4 | 28,091 | 1/4 | 43,287 | 1/4 | 58,451 | 1/4 | 73,681 | 1/4 | 88,911 | 1/4 | 104,141 | 1/4 | 119,368 | 1/4 | 134,592 | 1/4 | 149,817 |
| 1/2 | 13,179 | 1/2 | 28,409 | 1/2 | 43,602 | 1/2 | 58,768 | 1/2 | 73,998 | 1/2 | 89,228 | 1/2 | 104,459 | 1/2 | 119,685 | 1/2 | 134,910 | 1/2 | 150,134 |
| 3/4 | 13,497 | 3/4 | 28,726 | 3/4 | 43,918 | 3/4 | 59,086 | 3/4 | 74,316 | 3/4 | 89,546 | 3/4 | 104,776 | 3/4 | 120,002 | 3/4 | 135,227 | 3/4 | 150,451 |
| 11 | 13,814 | 11 | 29,043 | 11 | 44,233 | 11 | 59,403 | 11 | 74,633 | 11 | 89,863 | 11 | 105,093 | 11 | 120,320 | 11 | 135,544 | 11 | 150,768 |
| 1/4 | 14,131 | 1/4 | 29,361 | 1/4 | 44,548 | 1/4 | 59,720 | 1/4 | 74,950 | 1/4 | 90,180 | 1/4 | 105,410 | 1/4 | 120,637 | 1/4 | 135,861 | 1/4 | 151,086 |
| 1/2 | 14,448 | 1/2 | 29,678 | 1/2 | 44,863 | 1/2 | 60,037 | 1/2 | 75,268 | 1/2 | 90,498 | 1/2 | 105,728 | 1/2 | 120,954 | 1/2 | 136,178 | 1/2 | 151,403 |
| 3/4 | 14,766 | 3/4 | 29,995 | 3/4 | 45,178 | 3/4 | 60,355 | 3/4 | 75,585 | 3/4 | 90,815 | 3/4 | 106,045 | 3/4 | 121,271 | 3/4 | 136,495 | 3/4 | 151,720 |

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'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 396"

1 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 | 152,037 | 0 | 167,262 | 0 | 182,457 | 0 | 197,088 | 0 | 210,951 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 152,354 | 1/4 | 167,579 | 1/4 | 182,769 | 1/4 | 197,385 | 1/4 | 211,262 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 152,671 | 1/2 | 167,896 | 1/2 | 183,081 | 1/2 | 197,681 | 1/2 | 211,573 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 152,989 | 3/4 | 168,213 | 3/4 | 183,393 | 3/4 | 197,977 | 3/4 | 211,884 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 153,306 | 1 | 168,530 | 1 | 183,705 | 1 | 198,273 | 1 | 212,195 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 153,623 | 1/4 | 168,847 | 1/4 | 184,016 | 1/4 | 198,567 | 1/4 | 212,508 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 153,940 | 1/2 | 169,165 | 1/2 | 184,327 | 1/2 | 198,860 | 1/2 | 212,821 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 154,257 | 3/4 | 169,482 | 3/4 | 184,638 | 3/4 | 199,154 | 3/4 | 213,134 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 154,574 | 2 | 169,799 | 2 | 184,949 | 2 | 199,448 | 2 | 213,447 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 154,892 | 1/4 | 170,116 | 1/4 | 185,258 | 1/4 | 199,740 | 1/4 | 213,760 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 155,209 | 1/2 | 170,433 | 1/2 | 185,568 | 1/2 | 200,032 | 1/2 | 214,073 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 155,526 | 3/4 | 170,750 | 3/4 | 185,878 | 3/4 | 200,324 | 3/4 | 214,386 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 155,843 | 3 | 171,068 | 3 | 186,187 | 3 | 200,617 | 3 | 214,699 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 156,160 | 1/4 | 171,385 | 1/4 | 186,495 | 1/4 | 200,908 | 1/4 | 215,012 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 156,478 | 1/2 | 171,702 | 1/2 | 186,804 | 1/2 | 201,199 | 1/2 | 215,325 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 156,795 | 3/4 | 172,019 | 3/4 | 187,112 | 3/4 | 201,490 | 3/4 | 215,638 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 157,112 | 4 | 172,336 | 4 | 187,420 | 4 | 201,780 | 4 | 215,951 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 157,429 | 1/4 | 172,654 | 1/4 | 187,727 | 1/4 | 202,070 | 1/4 | 216,264 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 157,746 | 1/2 | 172,971 | 1/2 | 188,033 | 1/2 | 202,360 | 1/2 | 216,577 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 158,063 | 3/4 | 173,288 | 3/4 | 188,340 | 3/4 | 202,649 | 3/4 | 216,890 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 158,381 | 5 | 173,605 | 5 | 188,647 | 5 | 202,939 | 5 | 217,203 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 158,698 | 1/4 | 173,922 | 1/4 | 188,952 | 1/4 | 203,227 | 1/4 | 217,511 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 159,015 | 1/2 | 174,239 | 1/2 | 189,258 | 1/2 | 203,515 | 1/2 | 217,818 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 159,332 | 3/4 | 174,557 | 3/4 | 189,563 | 3/4 | 203,803 | 3/4 | 218,125 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 159,649 | 6 | 174,874 | 6 | 189,869 | 6 | 204,091 | 6 | 218,432 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 159,966 | 1/4 | 175,191 | 1/4 | 190,173 | 1/4 | 204,378 | 1/4 | 218,698 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 160,284 | 1/2 | 175,508 | 1/2 | 190,477 | 1/2 | 204,665 | 1/2 | 218,964 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 160,601 | 3/4 | 175,825 | 3/4 | 190,782 | 3/4 | 204,952 | 3/4 | 219,230 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 160,918 | 7 | 176,142 | 7 | 191,086 | 7 | 205,239 | 7 | 219,496 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 161,235 | 1/4 | 176,460 | 1/4 | 191,389 | 1/4 | 205,524 | 1/4 | 219,711 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 161,552 | 1/2 | 176,777 | 1/2 | 191,691 | 1/2 | 205,810 | 1/2 | 219,926 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 161,870 | 3/4 | 177,094 | 3/4 | 191,994 | 3/4 | 206,095 | 3/4 | 220,141 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 162,187 | 8 | 177,411 | 8 | 192,297 | 8 | 206,381 | 8 | 220,356 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 162,504 | 1/4 | 177,728 | 1/4 | 192,598 | 1/4 | 206,665 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 162,821 | 1/2 | 178,045 | 1/2 | 192,900 | 1/2 | 206,950 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 163,138 | 3/4 | 178,362 | 3/4 | 193,201 | 3/4 | 207,234 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 163,455 | 9 | 178,679 | 9 | 193,502 | 9 | 207,518 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 163,773 | 1/4 | 178,995 | 1/4 | 193,803 | 1/4 | 207,801 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 164,090 | 1/2 | 179,312 | 1/2 | 194,103 | 1/2 | 208,084 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 164,407 | 3/4 | 179,628 | 3/4 | 194,403 | 3/4 | 208,367 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 164,724 | 10 | 179,944 | 10 | 194,703 | 10 | 208,650 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 165,041 | 1/4 | 180,259 | 1/4 | 195,002 | 1/4 | 208,932 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 165,358 | 1/2 | 180,574 | 1/2 | 195,301 | 1/2 | 209,213 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 165,676 | 3/4 | 180,888 | 3/4 | 195,599 | 3/4 | 209,495 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 165,993 | 11 | 181,203 | 11 | 195,898 | 11 | 209,777 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 166,310 | 1/4 | 181,517 | 1/4 | 196,196 | 1/4 | 210,070 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 166,627 | 1/2 | 181,830 | 1/2 | 196,493 | 1/2 | 210,364 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 166,944 | 3/4 | 182,144 | 3/4 | 196,791 | 3/4 | 210,658 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "CBC 396"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

| 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 | 895 | 0 | 15,032 | 0 | 30,211 | 0 | 45,379 | 0 | 60,548 | 0 | 75,727 | 0 | 90,906 | 0 | 106,084 | 0 | 121,260 | 0 | 136,433 |
| 1/4 | 1,073 | 1/4 | 15,349 | 1/4 | 30,527 | 1/4 | 45,695 | 1/4 | 60,864 | 1/4 | 76,043 | 1/4 | 91,222 | 1/4 | 106,401 | 1/4 | 121,576 | 1/4 | 136,749 |
| 1/2 | 1,251 | 1/2 | 15,665 | 1/2 | 30,843 | 1/2 | 46,011 | 1/2 | 61,180 | 1/2 | 76,359 | 1/2 | 91,538 | 1/2 | 106,717 | 1/2 | 121,892 | 1/2 | 137,065 |
| 3/4 | 1,429 | 3/4 | 15,981 | 3/4 | 31,159 | 3/4 | 46,326 | 3/4 | 61,496 | 3/4 | 76,675 | 3/4 | 91,854 | 3/4 | 107,033 | 3/4 | 122,208 | 3/4 | 137,381 |
| 1 | 1,607 | 1 | 16,297 | 1 | 31,476 | 1 | 46,642 | 1 | 61,813 | 1 | 76,992 | 1 | 92,170 | 1 | 107,349 | 1 | 122,524 | 1 | 137,697 |
| 1/4 | 1,837 | 1/4 | 16,613 | 1/4 | 31,792 | 1/4 | 46,958 | 1/4 | 62,129 | 1/4 | 77,308 | 1/4 | 92,487 | 1/4 | 107,666 | 1/4 | 122,840 | 1/4 | 138,014 |
| 1/2 | 2,068 | 1/2 | 16,930 | 1/2 | 32,108 | 1/2 | 47,274 | 1/2 | 62,445 | 1/2 | 77,624 | 1/2 | 92,803 | 1/2 | 107,982 | 1/2 | 123,156 | 1/2 | 138,330 |
| 3/4 | 2,298 | 3/4 | 17,246 | 3/4 | 32,424 | 3/4 | 47,589 | 3/4 | 62,761 | 3/4 | 77,940 | 3/4 | 93,119 | 3/4 | 108,298 | 3/4 | 123,472 | 3/4 | 138,646 |
| 2 | 2,529 | 2 | 17,562 | 2 | 32,740 | 2 | 47,905 | 2 | 63,078 | 2 | 78,256 | 2 | 93,435 | 2 | 108,614 | 2 | 123,788 | 2 | 138,962 |
| 1/4 | 2,812 | 1/4 | 17,881 | 1/4 | 33,057 | 1/4 | 48,221 | 1/4 | 63,394 | 1/4 | 78,573 | 1/4 | 93,752 | 1/4 | 108,931 | 1/4 | 124,105 | 1/4 | 139,278 |
| 1/2 | 3,095 | 1/2 | 18,196 | 1/2 | 33,373 | 1/2 | 48,536 | 1/2 | 63,710 | 1/2 | 78,889 | 1/2 | 94,068 | 1/2 | 109,247 | 1/2 | 124,421 | 1/2 | 139,594 |
| 3/4 | 3,378 | 3/4 | 18,511 | 3/4 | 33,689 | 3/4 | 48,852 | 3/4 | 64,026 | 3/4 | 79,205 | 3/4 | 94,384 | 3/4 | 109,563 | 3/4 | 124,737 | 3/4 | 139,910 |
| 3 | 3,662 | 3 | 18,827 | 3 | 34,005 | 3 | 49,168 | 3 | 64,342 | 3 | 79,521 | 3 | 94,700 | 3 | 109,879 | 3 | 125,053 | 3 | 140,226 |
| 1/4 | 3,975 | 1/4 | 19,143 | 1/4 | 34,321 | 1/4 | 49,484 | 1/4 | 64,659 | 1/4 | 79,838 | 1/4 | 95,016 | 1/4 | 110,195 | 1/4 | 125,369 | 1/4 | 140,543 |
| 1/2 | 4,288 | 1/2 | 19,459 | 1/2 | 34,638 | 1/2 | 49,799 | 1/2 | 64,975 | 1/2 | 80,154 | 1/2 | 95,333 | 1/2 | 110,512 | 1/2 | 125,685 | 1/2 | 140,859 |
| 3/4 | 4,601 | 3/4 | 19,776 | 3/4 | 34,954 | 3/4 | 50,115 | 3/4 | 65,291 | 3/4 | 80,470 | 3/4 | 95,649 | 3/4 | 110,828 | 3/4 | 126,001 | 3/4 | 141,175 |
| 4 | 4,913 | 4 | 20,092 | 4 | 35,270 | 4 | 50,431 | 4 | 65,607 | 4 | 80,786 | 4 | 95,965 | 4 | 111,144 | 4 | 126,317 | 4 | 141,491 |
| 1/4 | 5,230 | 1/4 | 20,408 | 1/4 | 35,586 | 1/4 | 50,746 | 1/4 | 65,924 | 1/4 | 81,102 | 1/4 | 96,281 | 1/4 | 111,460 | 1/4 | 126,633 | 1/4 | 141,807 |
| 1/2 | 5,546 | 1/2 | 20,724 | 1/2 | 35,903 | 1/2 | 51,062 | 1/2 | 66,240 | 1/2 | 81,419 | 1/2 | 96,598 | 1/2 | 111,776 | 1/2 | 126,950 | 1/2 | 142,123 |
| 3/4 | 5,862 | 3/4 | 21,040 | 3/4 | 36,219 | 3/4 | 51,378 | 3/4 | 66,556 | 3/4 | 81,735 | 3/4 | 96,914 | 3/4 | 112,092 | 3/4 | 127,266 | 3/4 | 142,439 |
| 5 | 6,178 | 5 | 21,357 | 5 | 36,535 | 5 | 51,694 | 5 | 66,872 | 5 | 82,051 | 5 | 97,230 | 5 | 112,408 | 5 | 127,582 | 5 | 142,755 |
| 1/4 | 6,495 | 1/4 | 21,673 | 1/4 | 36,851 | 1/4 | 52,010 | 1/4 | 67,188 | 1/4 | 82,367 | 1/4 | 97,546 | 1/4 | 112,724 | 1/4 | 127,898 | 1/4 | 143,071 |
| 1/2 | 6,811 | 1/2 | 21,989 | 1/2 | 37,167 | 1/2 | 52,326 | 1/2 | 67,505 | 1/2 | 82,684 | 1/2 | 97,863 | 1/2 | 113,041 | 1/2 | 128,214 | 1/2 | 143,388 |
| 3/4 | 7,127 | 3/4 | 22,305 | 3/4 | 37,484 | 3/4 | 52,642 | 3/4 | 67,821 | 3/4 | 83,000 | 3/4 | 98,179 | 3/4 | 113,357 | 3/4 | 128,530 | 3/4 | 143,704 |
| 6 | 7,443 | 6 | 22,622 | 6 | 37,800 | 6 | 52,958 | 6 | 68,137 | 6 | 83,316 | 6 | 98,495 | 6 | 113,673 | 6 | 128,846 | 6 | 144,020 |
| 1/4 | 7,757 | 1/4 | 22,938 | 1/4 | 38,116 | 1/4 | 53,274 | 1/4 | 68,453 | 1/4 | 83,632 | 1/4 | 98,811 | 1/4 | 113,989 | 1/4 | 129,162 | 1/4 | 144,336 |
| 1/2 | 8,074 | 1/2 | 23,254 | 1/2 | 38,432 | 1/2 | 53,591 | 1/2 | 68,770 | 1/2 | 83,949 | 1/2 | 99,127 | 1/2 | 114,305 | 1/2 | 129,479 | 1/2 | 144,652 |
| 3/4 | 8,391 | 3/4 | 23,570 | 3/4 | 38,748 | 3/4 | 53,907 | 3/4 | 69,086 | 3/4 | 84,265 | 3/4 | 99,444 | 3/4 | 114,621 | 3/4 | 129,795 | 3/4 | 144,968 |
| 7 | 8,708 | 7 | 23,886 | 7 | 39,065 | 7 | 54,223 | 7 | 69,402 | 7 | 84,581 | 7 | 99,760 | 7 | 114,937 | 7 | 130,111 | 7 | 145,284 |
| 1/4 | 9,024 | 1/4 | 24,203 | 1/4 | 39,380 | 1/4 | 54,539 | 1/4 | 69,718 | 1/4 | 84,897 | 1/4 | 100,076 | 1/4 | 115,253 | 1/4 | 130,427 | 1/4 | 145,600 |
| 1/2 | 9,340 | 1/2 | 24,519 | 1/2 | 39,696 | 1/2 | 54,856 | 1/2 | 70,035 | 1/2 | 85,213 | 1/2 | 100,392 | 1/2 | 115,569 | 1/2 | 130,743 | 1/2 | 145,916 |
| 3/4 | 9,657 | 3/4 | 24,835 | 3/4 | 40,012 | 3/4 | 55,172 | 3/4 | 70,351 | 3/4 | 85,530 | 3/4 | 100,709 | 3/4 | 115,886 | 3/4 | 131,059 | 3/4 | 146,233 |
| 8 | 9,973 | 8 | 25,151 | 8 | 40,328 | 8 | 55,488 | 8 | 70,667 | 8 | 85,846 | 8 | 101,025 | 8 | 116,202 | 8 | 131,375 | 8 | 146,549 |
| 1/4 | 10,289 | 1/4 | 25,467 | 1/4 | 40,644 | 1/4 | 55,804 | 1/4 | 70,983 | 1/4 | 86,162 | 1/4 | 101,341 | 1/4 | 116,518 | 1/4 | 131,691 | 1/4 | 146,865 |
| 1/2 | 10,605 | 1/2 | 25,784 | 1/2 | 40,959 | 1/2 | 56,121 | 1/2 | 71,299 | 1/2 | 86,478 | 1/2 | 101,657 | 1/2 | 116,834 | 1/2 | 132,007 | 1/2 | 147,181 |
| 3/4 | 10,922 | 3/4 | 26,100 | 3/4 | 41,275 | 3/4 | 56,437 | 3/4 | 71,616 | 3/4 | 86,795 | 3/4 | 101,974 | 3/4 | 117,150 | 3/4 | 132,324 | 3/4 | 147,497 |
| 9 | 11,238 | 9 | 26,416 | 9 | 41,591 | 9 | 56,753 | 9 | 71,932 | 9 | 87,111 | 9 | 102,290 | 9 | 117,466 | 9 | 132,640 | 9 | 147,813 |
| 1/4 | 11,554 | 1/4 | 26,732 | 1/4 | 41,906 | 1/4 | 57,069 | 1/4 | 72,248 | 1/4 | 87,427 | 1/4 | 102,606 | 1/4 | 117,782 | 1/4 | 132,956 | 1/4 | 148,129 |
| 1/2 | 11,870 | 1/2 | 27,049 | 1/2 | 42,222 | 1/2 | 57,385 | 1/2 | 72,564 | 1/2 | 87,743 | 1/2 | 102,922 | 1/2 | 118,098 | 1/2 | 133,272 | 1/2 | 148,445 |
| 3/4 | 12,186 | 3/4 | 27,365 | 3/4 | 42,538 | 3/4 | 57,702 | 3/4 | 72,881 | 3/4 | 88,059 | 3/4 | 103,238 | 3/4 | 118,415 | 3/4 | 133,588 | 3/4 | 148,761 |
| 10 | 12,503 | 10 | 27,681 | 10 | 42,854 | 10 | 58,018 | 10 | 73,197 | 10 | 88,376 | 10 | 103,555 | 10 | 118,731 | 10 | 133,904 | 10 | 149,078 |
| 1/4 | 12,819 | 1/4 | 27,997 | 1/4 | 43,169 | 1/4 | 58,334 | 1/4 | 73,513 | 1/4 | 88,692 | 1/4 | 103,871 | 1/4 | 119,047 | 1/4 | 134,220 | 1/4 | 149,394 |
| 1/2 | 13,135 | 1/2 | 28,313 | 1/2 | 43,485 | 1/2 | 58,650 | 1/2 | 73,829 | 1/2 | 89,008 | 1/2 | 104,187 | 1/2 | 119,363 | 1/2 | 134,536 | 1/2 | 149,710 |
| 3/4 | 13,451 | 3/4 | 28,630 | 3/4 | 43,801 | 3/4 | 58,967 | 3/4 | 74,145 | 3/4 | 89,324 | 3/4 | 104,503 | 3/4 | 119,679 | 3/4 | 134,852 | 3/4 | 150,026 |
| 11 | 13,767 | 11 | 28,946 | 11 | 44,116 | 11 | 59,283 | 11 | 74,462 | 11 | 89,641 | 11 | 104,820 | 11 | 119,995 | 11 | 135,169 | 11 | 150,342 |
| 1/4 | 14,084 | 1/4 | 29,262 | 1/4 | 44,432 | 1/4 | 59,599 | 1/4 | 74,778 | 1/4 | 89,957 | 1/4 | 105,136 | 1/4 | 120,311 | 1/4 | 135,485 | 1/4 | 150,658 |
| 1/2 | 14,400 | 1/2 | 29,578 | 1/2 | 44,748 | 1/2 | 59,915 | 1/2 | 75,094 | 1/2 | 90,273 | 1/2 | 105,452 | 1/2 | 120,627 | 1/2 | 135,801 | 1/2 | 150,974 |
| 3/4 | 14,716 | 3/4 | 29,894 | 3/4 | 45,064 | 3/4 | 60,231 | 3/4 | 75,410 | 3/4 | 90,589 | 3/4 | 105,768 | 3/4 | 120,943 | 3/4 | 136,117 | 3/4 | 151,290 |

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'-06" 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 396"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

| 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 | 151,607 | 0 | 166,780 | 0 | 181,924 | 0 | 196,506 | 0 | 210,322 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 151,923 | 1/4 | 167,096 | 1/4 | 182,235 | 1/4 | 196,801 | 1/4 | 210,632 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 152,239 | 1/2 | 167,412 | 1/2 | 182,546 | 1/2 | 197,097 | 1/2 | 210,942 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 152,555 | 3/4 | 167,728 | 3/4 | 182,857 | 3/4 | 197,392 | 3/4 | 211,252 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 152,871 | 1 | 168,044 | 1 | 183,168 | 1 | 197,687 | 1 | 211,561 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 153,187 | 1/4 | 168,361 | 1/4 | 183,478 | 1/4 | 197,980 | 1/4 | 211,873 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 153,503 | 1/2 | 168,677 | 1/2 | 183,788 | 1/2 | 198,272 | 1/2 | 212,185 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 153,819 | 3/4 | 168,993 | 3/4 | 184,098 | 3/4 | 198,565 | 3/4 | 212,497 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 154,135 | 2 | 169,309 | 2 | 184,407 | 2 | 198,858 | 2 | 212,809 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 154,452 | 1/4 | 169,625 | 1/4 | 184,716 | 1/4 | 199,149 | 1/4 | 213,121 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 154,768 | 1/2 | 169,941 | 1/2 | 185,025 | 1/2 | 199,440 | 1/2 | 213,433 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 155,084 | 3/4 | 170,257 | 3/4 | 185,333 | 3/4 | 199,731 | 3/4 | 213,745 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 155,400 | 3 | 170,573 | 3 | 185,642 | 3 | 200,023 | 3 | 214,057 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 155,716 | 1/4 | 170,889 | 1/4 | 185,949 | 1/4 | 200,313 | 1/4 | 214,369 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 156,032 | 1/2 | 171,206 | 1/2 | 186,256 | 1/2 | 200,603 | 1/2 | 214,681 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 156,348 | 3/4 | 171,522 | 3/4 | 186,563 | 3/4 | 200,893 | 3/4 | 214,993 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 156,664 | 4 | 171,838 | 4 | 186,870 | 4 | 201,183 | 4 | 215,305 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 156,980 | 1/4 | 172,154 | 1/4 | 187,176 | 1/4 | 201,471 | 1/4 | 215,617 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 157,297 | 1/2 | 172,470 | 1/2 | 187,482 | 1/2 | 201,760 | 1/2 | 215,929 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 157,613 | 3/4 | 172,786 | 3/4 | 187,787 | 3/4 | 202,048 | 3/4 | 216,241 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 157,929 | 5 | 173,102 | 5 | 188,093 | 5 | 202,337 | 5 | 216,553 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 158,245 | 1/4 | 173,418 | 1/4 | 188,398 | 1/4 | 202,624 | 1/4 | 216,859 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 158,561 | 1/2 | 173,735 | 1/2 | 188,702 | 1/2 | 202,911 | 1/2 | 217,166 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 158,877 | 3/4 | 174,051 | 3/4 | 189,006 | 3/4 | 203,198 | 3/4 | 217,472 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 159,193 | 6 | 174,367 | 6 | 189,311 | 6 | 203,486 | 6 | 217,778 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 159,509 | 1/4 | 174,683 | 1/4 | 189,614 | 1/4 | 203,771 | 1/4 | 218,043 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 159,825 | 1/2 | 174,999 | 1/2 | 189,917 | 1/2 | 204,057 | 1/2 | 218,308 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 160,142 | 3/4 | 175,315 | 3/4 | 190,221 | 3/4 | 204,343 | 3/4 | 218,573 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 160,458 | 7 | 175,631 | 7 | 190,524 | 7 | 204,629 | 7 | 218,838 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 160,774 | 1/4 | 175,947 | 1/4 | 190,826 | 1/4 | 204,914 | 1/4 | 219,053 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 161,090 | 1/2 | 176,263 | 1/2 | 191,127 | 1/2 | 205,198 | 1/2 | 219,267 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 161,406 | 3/4 | 176,580 | 3/4 | 191,429 | 3/4 | 205,483 | 3/4 | 219,481 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 161,722 | 8 | 176,896 | 8 | 191,731 | 8 | 205,767 | 8 | 219,695 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 162,038 | 1/4 | 177,211 | 1/4 | 192,031 | 1/4 | 206,051 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 162,354 | 1/2 | 177,527 | 1/2 | 192,332 | 1/2 | 206,334 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 162,671 | 3/4 | 177,843 | 3/4 | 192,632 | 3/4 | 206,618 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 162,987 | 9 | 178,159 | 9 | 192,932 | 9 | 206,901 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 163,303 | 1/4 | 178,474 | 1/4 | 193,231 | 1/4 | 207,183 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 163,619 | 1/2 | 178,789 | 1/2 | 193,531 | 1/2 | 207,465 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 163,935 | 3/4 | 179,104 | 3/4 | 193,830 | 3/4 | 207,747 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 164,251 | 10 | 179,419 | 10 | 194,129 | 10 | 208,029 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 164,567 | 1/4 | 179,733 | 1/4 | 194,427 | 1/4 | 208,310 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 164,883 | 1/2 | 180,047 | 1/2 | 194,724 | 1/2 | 208,590 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 165,199 | 3/4 | 180,361 | 3/4 | 195,022 | 3/4 | 208,871 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 165,516 | 11 | 180,674 | 11 | 195,320 | 11 | 209,152 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 165,832 | 1/4 | 180,987 | 1/4 | 195,617 | 1/4 | 209,444 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 166,148 | 1/2 | 181,299 | 1/2 | 195,913 | 1/2 | 209,737 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 166,464 | 3/4 | 181,612 | 3/4 | 196,210 | 3/4 | 210,030 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "CBC 396"

2 STBD 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 | 895 | 0 | 15,031 | 0 | 30,207 | 0 | 45,048 | 0 | 59,874 | 0 | 75,051 | 0 | 90,228 | 0 | 105,406 | 0 | 120,578 | 0 | 135,750 |
| 1/4 | 1,073 | 1/4 | 15,347 | 1/4 | 30,523 | 1/4 | 45,349 | 1/4 | 60,190 | 1/4 | 75,367 | 1/4 | 90,545 | 1/4 | 105,722 | 1/4 | 120,894 | 1/4 | 136,066 |
| 1/2 | 1,251 | 1/2 | 15,663 | 1/2 | 30,840 | 1/2 | 45,651 | 1/2 | 60,506 | 1/2 | 75,684 | 1/2 | 90,861 | 1/2 | 106,038 | 1/2 | 121,211 | 1/2 | 136,382 |
| 3/4 | 1,428 | 3/4 | 15,979 | 3/4 | 31,156 | 3/4 | 45,953 | 3/4 | 60,822 | 3/4 | 76,000 | 3/4 | 91,177 | 3/4 | 106,354 | 3/4 | 121,527 | 3/4 | 136,698 |
| 1 | 1,606 | 1 | 16,295 | 1 | 31,472 | 1 | 46,255 | 1 | 61,139 | 1 | 76,316 | 1 | 91,493 | 1 | 106,670 | 1 | 121,843 | 1 | 137,014 |
| 1/4 | 1,837 | 1/4 | 16,611 | 1/4 | 31,788 | 1/4 | 46,556 | 1/4 | 61,455 | 1/4 | 76,632 | 1/4 | 91,809 | 1/4 | 106,987 | 1/4 | 122,159 | 1/4 | 137,330 |
| 1/2 | 2,067 | 1/2 | 16,928 | 1/2 | 32,104 | 1/2 | 46,858 | 1/2 | 61,771 | 1/2 | 76,948 | 1/2 | 92,126 | 1/2 | 107,303 | 1/2 | 122,475 | 1/2 | 137,646 |
| 3/4 | 2,298 | 3/4 | 17,244 | 3/4 | 32,420 | 3/4 | 47,160 | 3/4 | 62,087 | 3/4 | 77,265 | 3/4 | 92,442 | 3/4 | 107,619 | 3/4 | 122,791 | 3/4 | 137,963 |
| 2 | 2,528 | 2 | 17,560 | 2 | 32,737 | 2 | 47,462 | 2 | 62,403 | 2 | 77,581 | 2 | 92,758 | 2 | 107,935 | 2 | 123,107 | 2 | 138,279 |
| 1/4 | 2,812 | 1/4 | 17,878 | 1/4 | 33,053 | 1/4 | 47,764 | 1/4 | 62,720 | 1/4 | 77,897 | 1/4 | 93,074 | 1/4 | 108,251 | 1/4 | 123,423 | 1/4 | 138,595 |
| 1/2 | 3,095 | 1/2 | 18,194 | 1/2 | 33,369 | 1/2 | 48,065 | 1/2 | 63,036 | 1/2 | 78,213 | 1/2 | 93,390 | 1/2 | 108,568 | 1/2 | 123,739 | 1/2 | 138,911 |
| 3/4 | 3,378 | 3/4 | 18,509 | 3/4 | 33,685 | 3/4 | 48,367 | 3/4 | 63,352 | 3/4 | 78,529 | 3/4 | 93,707 | 3/4 | 108,884 | 3/4 | 124,055 | 3/4 | 139,227 |
| 3 | 3,661 | 3 | 18,825 | 3 | 34,001 | 3 | 48,669 | 3 | 63,668 | 3 | 78,845 | 3 | 94,023 | 3 | 109,200 | 3 | 124,371 | 3 | 139,543 |
| 1/4 | 3,974 | 1/4 | 19,141 | 1/4 | 34,318 | 1/4 | 48,971 | 1/4 | 63,984 | 1/4 | 79,162 | 1/4 | 94,339 | 1/4 | 109,516 | 1/4 | 124,687 | 1/4 | 139,859 |
| 1/2 | 4,287 | 1/2 | 19,457 | 1/2 | 34,634 | 1/2 | 49,273 | 1/2 | 64,301 | 1/2 | 79,478 | 1/2 | 94,655 | 1/2 | 109,832 | 1/2 | 125,003 | 1/2 | 140,175 |
| 3/4 | 4,600 | 3/4 | 19,773 | 3/4 | 34,950 | 3/4 | 49,574 | 3/4 | 64,617 | 3/4 | 79,794 | 3/4 | 94,971 | 3/4 | 110,148 | 3/4 | 125,320 | 3/4 | 140,491 |
| 4 | 4,913 | 4 | 20,089 | 4 | 35,266 | 4 | 49,876 | 4 | 64,933 | 4 | 80,110 | 4 | 95,288 | 4 | 110,464 | 4 | 125,636 | 4 | 140,807 |
| 1/4 | 5,229 | 1/4 | 20,406 | 1/4 | 35,582 | 1/4 | 50,178 | 1/4 | 65,249 | 1/4 | 80,426 | 1/4 | 95,604 | 1/4 | 110,778 | 1/4 | 125,952 | 1/4 | 141,123 |
| 1/2 | 5,545 | 1/2 | 20,722 | 1/2 | 35,898 | 1/2 | 50,480 | 1/2 | 65,565 | 1/2 | 80,743 | 1/2 | 95,920 | 1/2 | 111,095 | 1/2 | 126,268 | 1/2 | 141,439 |
| 3/4 | 5,861 | 3/4 | 21,038 | 3/4 | 36,215 | 3/4 | 50,782 | 3/4 | 65,882 | 3/4 | 81,059 | 3/4 | 96,236 | 3/4 | 111,412 | 3/4 | 126,584 | 3/4 | 141,755 |
| 5 | 6,178 | 5 | 21,354 | 5 | 36,531 | 5 | 51,083 | 5 | 66,198 | 5 | 81,375 | 5 | 96,552 | 5 | 111,728 | 5 | 126,900 | 5 | 142,072 |
| 1/4 | 6,494 | 1/4 | 21,670 | 1/4 | 36,847 | 1/4 | 51,386 | 1/4 | 66,514 | 1/4 | 81,691 | 1/4 | 96,868 | 1/4 | 112,044 | 1/4 | 127,216 | 1/4 | 142,388 |
| 1/2 | 6,810 | 1/2 | 21,986 | 1/2 | 37,163 | 1/2 | 51,688 | 1/2 | 66,830 | 1/2 | 82,007 | 1/2 | 97,185 | 1/2 | 112,360 | 1/2 | 127,532 | 1/2 | 142,704 |
| 3/4 | 7,126 | 3/4 | 22,303 | 3/4 | 37,479 | 3/4 | 51,990 | 3/4 | 67,146 | 3/4 | 82,324 | 3/4 | 97,501 | 3/4 | 112,677 | 3/4 | 127,848 | 3/4 | 143,020 |
| 6 | 7,442 | 6 | 22,619 | 6 | 37,796 | 6 | 52,292 | 6 | 67,463 | 6 | 82,640 | 6 | 97,817 | 6 | 112,993 | 6 | 128,164 | 6 | 143,336 |
| 1/4 | 7,756 | 1/4 | 22,935 | 1/4 | 38,100 | 1/4 | 52,607 | 1/4 | 67,779 | 1/4 | 82,956 | 1/4 | 98,133 | 1/4 | 113,309 | 1/4 | 128,480 | 1/4 | 143,652 |
| 1/2 | 8,073 | 1/2 | 23,251 | 1/2 | 38,404 | 1/2 | 52,921 | 1/2 | 68,095 | 1/2 | 83,272 | 1/2 | 98,449 | 1/2 | 113,625 | 1/2 | 128,796 | 1/2 | 143,968 |
| 3/4 | 8,390 | 3/4 | 23,567 | 3/4 | 38,707 | 3/4 | 53,236 | 3/4 | 68,411 | 3/4 | 83,588 | 3/4 | 98,766 | 3/4 | 113,941 | 3/4 | 129,112 | 3/4 | 144,284 |
| 7 | 8,707 | 7 | 23,884 | 7 | 39,011 | 7 | 53,550 | 7 | 68,727 | 7 | 83,905 | 7 | 99,082 | 7 | 114,257 | 7 | 129,428 | 7 | 144,600 |
| 1/4 | 9,023 | 1/4 | 24,200 | 1/4 | 39,313 | 1/4 | 53,866 | 1/4 | 69,043 | 1/4 | 84,221 | 1/4 | 99,398 | 1/4 | 114,573 | 1/4 | 129,745 | 1/4 | 144,916 |
| 1/2 | 9,339 | 1/2 | 24,516 | 1/2 | 39,615 | 1/2 | 54,182 | 1/2 | 69,360 | 1/2 | 84,537 | 1/2 | 99,714 | 1/2 | 114,889 | 1/2 | 130,061 | 1/2 | 145,232 |
| 3/4 | 9,656 | 3/4 | 24,832 | 3/4 | 39,917 | 3/4 | 54,499 | 3/4 | 69,676 | 3/4 | 84,853 | 3/4 | 100,030 | 3/4 | 115,205 | 3/4 | 130,377 | 3/4 | 145,548 |
| 8 | 9,972 | 8 | 25,148 | 8 | 40,219 | 8 | 54,815 | 8 | 69,992 | 8 | 85,169 | 8 | 100,347 | 8 | 115,521 | 8 | 130,693 | 8 | 145,864 |
| 1/4 | 10,288 | 1/4 | 25,464 | 1/4 | 40,521 | 1/4 | 55,131 | 1/4 | 70,308 | 1/4 | 85,486 | 1/4 | 100,663 | 1/4 | 115,839 | 1/4 | 131,009 | 1/4 | 146,181 |
| 1/2 | 10,604 | 1/2 | 25,781 | 1/2 | 40,822 | 1/2 | 55,447 | 1/2 | 70,624 | 1/2 | 85,802 | 1/2 | 100,979 | 1/2 | 116,154 | 1/2 | 131,325 | 1/2 | 146,497 |
| 3/4 | 10,920 | 3/4 | 26,097 | 3/4 | 41,124 | 3/4 | 55,763 | 3/4 | 70,941 | 3/4 | 86,118 | 3/4 | 101,295 | 3/4 | 116,470 | 3/4 | 131,641 | 3/4 | 146,813 |
| 9 | 11,236 | 9 | 26,413 | 9 | 41,426 | 9 | 56,080 | 9 | 71,257 | 9 | 86,434 | 9 | 101,611 | 9 | 116,785 | 9 | 131,957 | 9 | 147,129 |
| 1/4 | 11,553 | 1/4 | 26,729 | 1/4 | 41,728 | 1/4 | 56,396 | 1/4 | 71,573 | 1/4 | 86,750 | 1/4 | 101,928 | 1/4 | 117,102 | 1/4 | 132,273 | 1/4 | 147,445 |
| 1/2 | 11,869 | 1/2 | 27,045 | 1/2 | 42,030 | 1/2 | 56,712 | 1/2 | 71,889 | 1/2 | 87,066 | 1/2 | 102,244 | 1/2 | 117,418 | 1/2 | 132,589 | 1/2 | 147,761 |
| 3/4 | 12,185 | 3/4 | 27,362 | 3/4 | 42,331 | 3/4 | 57,028 | 3/4 | 72,205 | 3/4 | 87,383 | 3/4 | 102,560 | 3/4 | 117,734 | 3/4 | 132,905 | 3/4 | 148,077 |
| 10 | 12,501 | 10 | 27,678 | 10 | 42,633 | 10 | 57,344 | 10 | 72,522 | 10 | 87,699 | 10 | 102,876 | 10 | 118,050 | 10 | 133,221 | 10 | 148,393 |
| 1/4 | 12,817 | 1/4 | 27,994 | 1/4 | 42,935 | 1/4 | 57,661 | 1/4 | 72,838 | 1/4 | 88,015 | 1/4 | 103,192 | 1/4 | 118,366 | 1/4 | 133,537 | 1/4 | 148,709 |
| 1/2 | 13,133 | 1/2 | 28,310 | 1/2 | 43,237 | 1/2 | 57,977 | 1/2 | 73,154 | 1/2 | 88,331 | 1/2 | 103,509 | 1/2 | 118,682 | 1/2 | 133,854 | 1/2 | 149,025 |
| 3/4 | 13,450 | 3/4 | 28,626 | 3/4 | 43,539 | 3/4 | 58,293 | 3/4 | 73,470 | 3/4 | 88,647 | 3/4 | 103,825 | 3/4 | 118,998 | 3/4 | 134,170 | 3/4 | 149,341 |
| 11 | 13,766 | 11 | 28,942 | 11 | 43,840 | 11 | 58,609 | 11 | 73,786 | 11 | 88,964 | 11 | 104,141 | 11 | 119,314 | 11 | 134,486 | 11 | 149,657 |
| 1/4 | 14,082 | 1/4 | 29,259 | 1/4 | 44,142 | 1/4 | 58,925 | 1/4 | 74,103 | 1/4 | 89,280 | 1/4 | 104,457 | 1/4 | 119,630 | 1/4 | 134,802 | 1/4 | 149,973 |
| 1/2 | 14,398 | 1/2 | 29,575 | 1/2 | 44,444 | 1/2 | 59,242 | 1/2 | 74,419 | 1/2 | 89,596 | 1/2 | 104,773 | 1/2 | 119,946 | 1/2 | 135,118 | 1/2 | 150,289 |
| 3/4 | 14,714 | 3/4 | 29,891 | 3/4 | 44,746 | 3/4 | 59,558 | 3/4 | 74,735 | 3/4 | 89,912 | 3/4 | 105,089 | 3/4 | 120,262 | 3/4 | 135,434 | 3/4 | 150,606 |

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'-06" 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 396"

2 STBD 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 | 150,922 | 0 | 166,093 | 0 | 181,236 | 0 | 195,816 | 0 | 209,631 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 151,238 | 1/4 | 166,409 | 1/4 | 181,547 | 1/4 | 196,112 | 1/4 | 209,941 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 151,554 | 1/2 | 166,725 | 1/2 | 181,858 | 1/2 | 196,407 | 1/2 | 210,251 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 151,870 | 3/4 | 167,041 | 3/4 | 182,169 | 3/4 | 196,702 | 3/4 | 210,561 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 152,186 | 1 | 167,358 | 1 | 182,480 | 1 | 196,997 | 1 | 210,870 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 152,502 | 1/4 | 167,674 | 1/4 | 182,789 | 1/4 | 197,290 | 1/4 | 211,182 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 152,818 | 1/2 | 167,990 | 1/2 | 183,099 | 1/2 | 197,582 | 1/2 | 211,494 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 153,134 | 3/4 | 168,306 | 3/4 | 183,409 | 3/4 | 197,875 | 3/4 | 211,806 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 153,450 | 2 | 168,622 | 2 | 183,719 | 2 | 198,168 | 2 | 212,118 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 153,766 | 1/4 | 168,938 | 1/4 | 184,027 | 1/4 | 198,459 | 1/4 | 212,430 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 154,082 | 1/2 | 169,254 | 1/2 | 184,336 | 1/2 | 198,750 | 1/2 | 212,742 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 154,398 | 3/4 | 169,570 | 3/4 | 184,644 | 3/4 | 199,041 | 3/4 | 213,054 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 154,715 | 3 | 169,886 | 3 | 184,953 | 3 | 199,332 | 3 | 213,366 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 155,031 | 1/4 | 170,202 | 1/4 | 185,260 | 1/4 | 199,622 | 1/4 | 213,678 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 155,347 | 1/2 | 170,518 | 1/2 | 185,567 | 1/2 | 199,912 | 1/2 | 213,990 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 155,663 | 3/4 | 170,834 | 3/4 | 185,874 | 3/4 | 200,202 | 3/4 | 214,302 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 155,979 | 4 | 171,150 | 4 | 186,181 | 4 | 200,492 | 4 | 214,614 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 156,295 | 1/4 | 171,467 | 1/4 | 186,487 | 1/4 | 200,781 | 1/4 | 214,926 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 156,611 | 1/2 | 171,783 | 1/2 | 186,793 | 1/2 | 201,069 | 1/2 | 215,238 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 156,927 | 3/4 | 172,099 | 3/4 | 187,098 | 3/4 | 201,358 | 3/4 | 215,550 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 157,243 | 5 | 172,415 | 5 | 187,404 | 5 | 201,646 | 5 | 215,862 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 157,559 | 1/4 | 172,731 | 1/4 | 187,709 | 1/4 | 201,934 | 1/4 | 216,168 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 157,875 | 1/2 | 173,047 | 1/2 | 188,013 | 1/2 | 202,221 | 1/2 | 216,474 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 158,191 | 3/4 | 173,363 | 3/4 | 188,317 | 3/4 | 202,508 | 3/4 | 216,780 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 158,507 | 6 | 173,679 | 6 | 188,622 | 6 | 202,795 | 6 | 217,086 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 158,824 | 1/4 | 173,995 | 1/4 | 188,925 | 1/4 | 203,081 | 1/4 | 217,351 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 159,140 | 1/2 | 174,311 | 1/2 | 189,228 | 1/2 | 203,367 | 1/2 | 217,616 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 159,456 | 3/4 | 174,627 | 3/4 | 189,531 | 3/4 | 203,653 | 3/4 | 217,881 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 159,772 | 7 | 174,943 | 7 | 189,834 | 7 | 203,938 | 7 | 218,146 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 160,088 | 1/4 | 175,259 | 1/4 | 190,136 | 1/4 | 204,223 | 1/4 | 218,360 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 160,404 | 1/2 | 175,576 | 1/2 | 190,438 | 1/2 | 204,508 | 1/2 | 218,575 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 160,720 | 3/4 | 175,892 | 3/4 | 190,740 | 3/4 | 204,792 | 3/4 | 218,789 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 161,036 | 8 | 176,208 | 8 | 191,041 | 8 | 205,077 | 8 | 219,003 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 161,352 | 1/4 | 176,524 | 1/4 | 191,342 | 1/4 | 205,360 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 161,668 | 1/2 | 176,839 | 1/2 | 191,642 | 1/2 | 205,644 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 161,984 | 3/4 | 177,155 | 3/4 | 191,943 | 3/4 | 205,927 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 162,300 | 9 | 177,471 | 9 | 192,243 | 9 | 206,210 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 162,616 | 1/4 | 177,786 | 1/4 | 192,542 | 1/4 | 206,492 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 162,933 | 1/2 | 178,101 | 1/2 | 192,841 | 1/2 | 206,774 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 163,249 | 3/4 | 178,416 | 3/4 | 193,140 | 3/4 | 207,056 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 163,565 | 10 | 178,731 | 10 | 193,439 | 10 | 207,338 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 163,881 | 1/4 | 179,045 | 1/4 | 193,737 | 1/4 | 207,619 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 164,197 | 1/2 | 179,359 | 1/2 | 194,035 | 1/2 | 207,900 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 164,513 | 3/4 | 179,673 | 3/4 | 194,332 | 3/4 | 208,180 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 164,829 | 11 | 179,986 | 11 | 194,630 | 11 | 208,461 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 165,145 | 1/4 | 180,299 | 1/4 | 194,927 | 1/4 | 208,753 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 165,461 | 1/2 | 180,611 | 1/2 | 195,223 | 1/2 | 209,046 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 165,777 | 3/4 | 180,923 | 3/4 | 195,520 | 3/4 | 209,339 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 396"

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 | 892 | 0 | 14,970 | 0 | 30,085 | 0 | 45,191 | 0 | 60,299 | 0 | 75,415 | 0 | 90,529 | 0 | 105,641 | 0 | 120,745 | 0 | 135,812 |
| 1/4 | 1,068 | 1/4 | 15,285 | 1/4 | 30,399 | 1/4 | 45,505 | 1/4 | 60,614 | 1/4 | 75,730 | 1/4 | 90,844 | 1/4 | 105,956 | 1/4 | 121,059 | 1/4 | 136,124 |
| 1/2 | 1,246 | 1/2 | 15,599 | 1/2 | 30,714 | 1/2 | 45,820 | 1/2 | 60,929 | 1/2 | 76,045 | 1/2 | 91,159 | 1/2 | 106,271 | 1/2 | 121,373 | 1/2 | 136,437 |
| 3/4 | 1,423 | 3/4 | 15,914 | 3/4 | 31,029 | 3/4 | 46,134 | 3/4 | 61,244 | 3/4 | 76,359 | 3/4 | 91,473 | 3/4 | 106,585 | 3/4 | 121,687 | 3/4 | 136,750 |
| 1 | 1,600 | 1 | 16,229 | 1 | 31,344 | 1 | 46,449 | 1 | 61,559 | 1 | 76,674 | 1 | 91,788 | 1 | 106,900 | 1 | 122,002 | 1 | 137,063 |
| 1/4 | 1,830 | 1/4 | 16,544 | 1/4 | 31,659 | 1/4 | 46,763 | 1/4 | 61,874 | 1/4 | 76,989 | 1/4 | 92,103 | 1/4 | 107,215 | 1/4 | 122,316 | 1/4 | 137,376 |
| 1/2 | 2,059 | 1/2 | 16,859 | 1/2 | 31,974 | 1/2 | 47,078 | 1/2 | 62,189 | 1/2 | 77,304 | 1/2 | 92,418 | 1/2 | 107,530 | 1/2 | 122,630 | 1/2 | 137,688 |
| 3/4 | 2,289 | 3/4 | 17,174 | 3/4 | 32,289 | 3/4 | 47,392 | 3/4 | 62,504 | 3/4 | 77,619 | 3/4 | 92,733 | 3/4 | 107,845 | 3/4 | 122,944 | 3/4 | 138,001 |
| 2 | 2,518 | 2 | 17,489 | 2 | 32,604 | 2 | 47,707 | 2 | 62,818 | 2 | 77,934 | 2 | 93,048 | 2 | 108,160 | 2 | 123,259 | 2 | 138,314 |
| 1/4 | 2,800 | 1/4 | 17,806 | 1/4 | 32,919 | 1/4 | 48,021 | 1/4 | 63,133 | 1/4 | 78,249 | 1/4 | 93,362 | 1/4 | 108,474 | 1/4 | 123,573 | 1/4 | 138,627 |
| 1/2 | 3,082 | 1/2 | 18,120 | 1/2 | 33,233 | 1/2 | 48,336 | 1/2 | 63,448 | 1/2 | 78,564 | 1/2 | 93,677 | 1/2 | 108,789 | 1/2 | 123,887 | 1/2 | 138,940 |
| 3/4 | 3,365 | 3/4 | 18,434 | 3/4 | 33,548 | 3/4 | 48,650 | 3/4 | 63,763 | 3/4 | 78,879 | 3/4 | 93,992 | 3/4 | 109,104 | 3/4 | 124,201 | 3/4 | 139,252 |
| 3 | 3,647 | 3 | 18,748 | 3 | 33,863 | 3 | 48,965 | 3 | 64,078 | 3 | 79,194 | 3 | 94,307 | 3 | 109,419 | 3 | 124,516 | 3 | 139,565 |
| 1/4 | 3,958 | 1/4 | 19,063 | 1/4 | 34,178 | 1/4 | 49,279 | 1/4 | 64,393 | 1/4 | 79,509 | 1/4 | 94,622 | 1/4 | 109,734 | 1/4 | 124,830 | 1/4 | 139,879 |
| 1/2 | 4,270 | 1/2 | 19,378 | 1/2 | 34,493 | 1/2 | 49,594 | 1/2 | 64,708 | 1/2 | 79,823 | 1/2 | 94,937 | 1/2 | 110,048 | 1/2 | 125,144 | 1/2 | 140,192 |
| 3/4 | 4,581 | 3/4 | 19,693 | 3/4 | 34,808 | 3/4 | 49,908 | 3/4 | 65,023 | 3/4 | 80,138 | 3/4 | 95,251 | 3/4 | 110,363 | 3/4 | 125,458 | 3/4 | 140,505 |
| 4 | 4,893 | 4 | 20,008 | 4 | 35,123 | 4 | 50,223 | 4 | 65,338 | 4 | 80,453 | 4 | 95,566 | 4 | 110,678 | 4 | 125,772 | 4 | 140,819 |
| 1/4 | 5,208 | 1/4 | 20,323 | 1/4 | 35,438 | 1/4 | 50,538 | 1/4 | 65,653 | 1/4 | 80,768 | 1/4 | 95,881 | 1/4 | 110,993 | 1/4 | 126,087 | 1/4 | 141,132 |
| 1/2 | 5,523 | 1/2 | 20,638 | 1/2 | 35,753 | 1/2 | 50,852 | 1/2 | 65,968 | 1/2 | 81,083 | 1/2 | 96,196 | 1/2 | 111,307 | 1/2 | 126,401 | 1/2 | 141,446 |
| 3/4 | 5,838 | 3/4 | 20,953 | 3/4 | 36,068 | 3/4 | 51,167 | 3/4 | 66,282 | 3/4 | 81,398 | 3/4 | 96,511 | 3/4 | 111,622 | 3/4 | 126,715 | 3/4 | 141,759 |
| 5 | 6,153 | 5 | 21,267 | 5 | 36,382 | 5 | 51,482 | 5 | 66,597 | 5 | 81,713 | 5 | 96,826 | 5 | 111,937 | 5 | 127,029 | 5 | 142,072 |
| 1/4 | 6,468 | 1/4 | 21,582 | 1/4 | 36,697 | 1/4 | 51,797 | 1/4 | 66,912 | 1/4 | 82,028 | 1/4 | 97,140 | 1/4 | 112,252 | 1/4 | 127,344 | 1/4 | 142,386 |
| 1/2 | 6,782 | 1/2 | 21,897 | 1/2 | 37,012 | 1/2 | 52,112 | 1/2 | 67,227 | 1/2 | 82,343 | 1/2 | 97,455 | 1/2 | 112,567 | 1/2 | 127,658 | 1/2 | 142,699 |
| 3/4 | 7,097 | 3/4 | 22,212 | 3/4 | 37,327 | 3/4 | 52,427 | 3/4 | 67,542 | 3/4 | 82,658 | 3/4 | 97,770 | 3/4 | 112,881 | 3/4 | 127,972 | 3/4 | 143,013 |
| 6 | 7,412 | 6 | 22,527 | 6 | 37,642 | 6 | 52,741 | 6 | 67,857 | 6 | 82,973 | 6 | 98,085 | 6 | 113,196 | 6 | 128,286 | 6 | 143,326 |
| 1/4 | 7,725 | 1/4 | 22,842 | 1/4 | 37,957 | 1/4 | 53,056 | 1/4 | 68,172 | 1/4 | 83,287 | 1/4 | 98,400 | 1/4 | 113,511 | 1/4 | 128,601 | 1/4 | 143,640 |
| 1/2 | 8,041 | 1/2 | 23,157 | 1/2 | 38,271 | 1/2 | 53,371 | 1/2 | 68,487 | 1/2 | 83,602 | 1/2 | 98,715 | 1/2 | 113,826 | 1/2 | 128,915 | 1/2 | 143,953 |
| 3/4 | 8,356 | 3/4 | 23,472 | 3/4 | 38,586 | 3/4 | 53,686 | 3/4 | 68,802 | 3/4 | 83,917 | 3/4 | 99,029 | 3/4 | 114,140 | 3/4 | 129,229 | 3/4 | 144,267 |
| 7 | 8,672 | 7 | 23,787 | 7 | 38,901 | 7 | 54,001 | 7 | 69,117 | 7 | 84,232 | 7 | 99,344 | 7 | 114,455 | 7 | 129,543 | 7 | 144,580 |
| 1/4 | 8,987 | 1/4 | 24,102 | 1/4 | 39,215 | 1/4 | 54,316 | 1/4 | 69,432 | 1/4 | 84,547 | 1/4 | 99,659 | 1/4 | 114,770 | 1/4 | 129,858 | 1/4 | 144,894 |
| 1/2 | 9,302 | 1/2 | 24,416 | 1/2 | 39,530 | 1/2 | 54,631 | 1/2 | 69,746 | 1/2 | 84,862 | 1/2 | 99,974 | 1/2 | 115,085 | 1/2 | 130,172 | 1/2 | 145,207 |
| 3/4 | 9,616 | 3/4 | 24,731 | 3/4 | 39,844 | 3/4 | 54,946 | 3/4 | 70,061 | 3/4 | 85,177 | 3/4 | 100,289 | 3/4 | 115,399 | 3/4 | 130,486 | 3/4 | 145,520 |
| 8 | 9,931 | 8 | 25,046 | 8 | 40,159 | 8 | 55,261 | 8 | 70,376 | 8 | 85,492 | 8 | 100,604 | 8 | 115,714 | 8 | 130,800 | 8 | 145,834 |
| 1/4 | 10,246 | 1/4 | 25,361 | 1/4 | 40,473 | 1/4 | 55,576 | 1/4 | 70,691 | 1/4 | 85,807 | 1/4 | 100,918 | 1/4 | 116,029 | 1/4 | 131,114 | 1/4 | 146,147 |
| 1/2 | 10,561 | 1/2 | 25,676 | 1/2 | 40,788 | 1/2 | 55,891 | 1/2 | 71,006 | 1/2 | 86,121 | 1/2 | 101,233 | 1/2 | 116,344 | 1/2 | 131,429 | 1/2 | 146,461 |
| 3/4 | 10,876 | 3/4 | 25,991 | 3/4 | 41,102 | 3/4 | 56,205 | 3/4 | 71,321 | 3/4 | 86,436 | 3/4 | 101,548 | 3/4 | 116,659 | 3/4 | 131,743 | 3/4 | 146,774 |
| 9 | 11,191 | 9 | 26,306 | 9 | 41,417 | 9 | 56,520 | 9 | 71,636 | 9 | 86,751 | 9 | 101,863 | 9 | 116,974 | 9 | 132,057 | 9 | 147,088 |
| 1/4 | 11,506 | 1/4 | 26,621 | 1/4 | 41,731 | 1/4 | 56,835 | 1/4 | 71,951 | 1/4 | 87,066 | 1/4 | 102,178 | 1/4 | 117,288 | 1/4 | 132,370 | 1/4 | 147,275 |
| 1/2 | 11,821 | 1/2 | 26,936 | 1/2 | 42,046 | 1/2 | 57,150 | 1/2 | 72,266 | 1/2 | 87,381 | 1/2 | 102,493 | 1/2 | 117,602 | 1/2 | 132,683 | 1/2 | 147,463 |
| 3/4 | 12,136 | 3/4 | 27,250 | 3/4 | 42,360 | 3/4 | 57,465 | 3/4 | 72,581 | 3/4 | 87,695 | 3/4 | 102,807 | 3/4 | 117,917 | 3/4 | 132,996 | 3/4 | 147,650 |
| 10 | 12,450 | 10 | 27,565 | 10 | 42,675 | 10 | 57,780 | 10 | 72,895 | 10 | 88,010 | 10 | 103,122 | 10 | 118,231 | 10 | 133,309 | 10 | 147,838 |
| 1/4 | 12,765 | 1/4 | 27,880 | 1/4 | 42,989 | 1/4 | 58,095 | 1/4 | 73,210 | 1/4 | 88,325 | 1/4 | 103,437 | 1/4 | 118,545 | 1/4 | 133,622 | 1/4 | 148,007 |
| 1/2 | 13,080 | 1/2 | 28,195 | 1/2 | 43,304 | 1/2 | 58,410 | 1/2 | 73,525 | 1/2 | 88,640 | 1/2 | 103,752 | 1/2 | 118,859 | 1/2 | 133,935 | 1/2 | 148,177 |
| 3/4 | 13,395 | 3/4 | 28,510 | 3/4 | 43,618 | 3/4 | 58,725 | 3/4 | 73,840 | 3/4 | 88,955 | 3/4 | 104,067 | 3/4 | 119,174 | 3/4 | 134,248 | 3/4 | 148,346 |
| 11 | 13,710 | 11 | 28,825 | 11 | 43,933 | 11 | 59,040 | 11 | 74,155 | 11 | 89,270 | 11 | 104,382 | 11 | 119,488 | 11 | 134,560 | 11 | 148,516 |
| 1/4 | 14,025 | 1/4 | 29,140 | 1/4 | 44,247 | 1/4 | 59,355 | 1/4 | 74,470 | 1/4 | 89,584 | 1/4 | 104,696 | 1/4 | 119,802 | 1/4 | 134,873 | 1/4 | 148,686 |
| 1/2 | 14,340 | 1/2 | 29,455 | 1/2 | 44,562 | 1/2 | 59,669 | 1/2 | 74,785 | 1/2 | 89,899 | 1/2 | 105,011 | 1/2 | 120,116 | 1/2 | 135,186 | 1/2 | 148,855 |
| 3/4 | 14,655 | 3/4 | 29,770 | 3/4 | 44,876 | 3/4 | 59,984 | 3/4 | 75,100 | 3/4 | 90,214 | 3/4 | 105,326 | 3/4 | 120,430 | 3/4 | 135,499 | 3/4 | 149,025 |

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'-06" 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 396"

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 | 149,194 | 0 | 157,332 | 0 | 165,441 | 0 | 172,990 | 0 | 179,807 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 149,364 | 1/4 | 157,502 | 1/4 | 165,606 | 1/4 | 173,139 | 1/4 | 179,972 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 149,533 | 1/2 | 157,671 | 1/2 | 165,770 | 1/2 | 173,288 | 1/2 | 180,137 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 149,703 | 3/4 | 157,841 | 3/4 | 165,935 | 3/4 | 173,436 | 3/4 | 180,302 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 149,872 | 1 | 158,010 | 1 | 166,099 | 1 | 173,585 | 1 | 180,467 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 150,042 | 1/4 | 158,180 | 1/4 | 166,262 | 1/4 | 173,732 | 1/4 | 180,634 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 150,211 | 1/2 | 158,349 | 1/2 | 166,426 | 1/2 | 173,879 | 1/2 | 180,802 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 150,381 | 3/4 | 158,519 | 3/4 | 166,589 | 3/4 | 174,025 | 3/4 | 180,969 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 150,551 | 2 | 158,688 | 2 | 166,752 | 2 | 174,172 | 2 | 181,136 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 150,720 | 1/4 | 158,858 | 1/4 | 166,914 | 1/4 | 174,317 | 1/4 | 181,304 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 150,890 | 1/2 | 159,027 | 1/2 | 167,076 | 1/2 | 174,463 | 1/2 | 181,471 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 151,059 | 3/4 | 159,197 | 3/4 | 167,238 | 3/4 | 174,608 | 3/4 | 181,638 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 151,229 | 3 | 159,367 | 3 | 167,400 | 3 | 174,754 | 3 | 181,806 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 151,398 | 1/4 | 159,536 | 1/4 | 167,561 | 1/4 | 174,898 | 1/4 | 181,973 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 151,568 | 1/2 | 159,706 | 1/2 | 167,721 | 1/2 | 175,042 | 1/2 | 182,140 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 151,737 | 3/4 | 159,875 | 3/4 | 167,882 | 3/4 | 175,186 | 3/4 | 182,308 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 151,907 | 4 | 160,045 | 4 | 168,043 | 4 | 175,330 | 4 | 182,475 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 152,076 | 1/4 | 160,214 | 1/4 | 168,202 | 1/4 | 175,473 | 1/4 | 182,642 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 152,246 | 1/2 | 160,384 | 1/2 | 168,361 | 1/2 | 175,616 | 1/2 | 182,810 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 152,415 | 3/4 | 160,553 | 3/4 | 168,520 | 3/4 | 175,758 | 3/4 | 182,977 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 152,585 | 5 | 160,723 | 5 | 168,679 | 5 | 175,901 | 5 | 183,144 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 152,755 | 1/4 | 160,892 | 1/4 | 168,837 | 1/4 | 176,042 | 1/4 | 183,306 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 152,924 | 1/2 | 161,062 | 1/2 | 168,995 | 1/2 | 176,184 | 1/2 | 183,468 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 153,094 | 3/4 | 161,232 | 3/4 | 169,153 | 3/4 | 176,325 | 3/4 | 183,629 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 153,263 | 6 | 161,401 | 6 | 169,311 | 6 | 176,466 | 6 | 183,791 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 153,433 | 1/4 | 161,571 | 1/4 | 169,468 | 1/4 | 176,606 | 1/4 | 183,912 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 153,602 | 1/2 | 161,740 | 1/2 | 169,625 | 1/2 | 176,746 | 1/2 | 184,032 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 153,772 | 3/4 | 161,910 | 3/4 | 169,781 | 3/4 | 176,886 | 3/4 | 184,153 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 153,941 | 7 | 162,079 | 7 | 169,938 | 7 | 177,026 | 7 | 184,273 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 154,111 | 1/4 | 162,249 | 1/4 | 170,093 | 1/4 | 177,165 | 1/4 | 184,343 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 154,280 | 1/2 | 162,418 | 1/2 | 170,248 | 1/2 | 177,304 | 1/2 | 184,412 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 154,450 | 3/4 | 162,588 | 3/4 | 170,404 | 3/4 | 177,443 | 3/4 | 184,482 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 154,619 | 8 | 162,757 | 8 | 170,559 | 8 | 177,582 | 8 | 184,551 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 154,789 | 1/4 | 162,927 | 1/4 | 170,713 | 1/4 | 177,719 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 154,959 | 1/2 | 163,096 | 1/2 | 170,867 | 1/2 | 177,857 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 155,128 | 3/4 | 163,265 | 3/4 | 171,021 | 3/4 | 177,994 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 155,298 | 9 | 163,435 | 9 | 171,174 | 9 | 178,132 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 155,467 | 1/4 | 163,603 | 1/4 | 171,327 | 1/4 | 178,268 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 155,637 | 1/2 | 163,772 | 1/2 | 171,480 | 1/2 | 178,404 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 155,806 | 3/4 | 163,940 | 3/4 | 171,632 | 3/4 | 178,540 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 155,976 | 10 | 164,109 | 10 | 171,785 | 10 | 178,676 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 156,145 | 1/4 | 164,276 | 1/4 | 171,936 | 1/4 | 178,811 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 156,315 | 1/2 | 164,443 | 1/2 | 172,087 | 1/2 | 178,946 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 156,484 | 3/4 | 164,611 | 3/4 | 172,239 | 3/4 | 179,080 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 156,654 | 11 | 164,778 | 11 | 172,390 | 11 | 179,215 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 156,823 | 1/4 | 164,944 | 1/4 | 172,540 | 1/4 | 179,363 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 156,993 | 1/2 | 165,109 | 1/2 | 172,690 | 1/2 | 179,511 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 157,163 | 3/4 | 165,275 | 3/4 | 172,840 | 3/4 | 179,659 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "CBC 396"

3 STBD 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 | 892 | 0 | 14,953 | 0 | 30,050 | 0 | 44,662 | 0 | 59,482 | 0 | 74,553 | 0 | 89,645 | 0 | 104,734 | 0 | 119,815 | 0 | 134,851 |
| 1/4 | 1,069 | 1/4 | 15,268 | 1/4 | 30,365 | 1/4 | 44,962 | 1/4 | 59,794 | 1/4 | 74,868 | 1/4 | 89,959 | 1/4 | 105,048 | 1/4 | 120,129 | 1/4 | 135,164 |
| 1/2 | 1,246 | 1/2 | 15,582 | 1/2 | 30,679 | 1/2 | 45,263 | 1/2 | 60,106 | 1/2 | 75,182 | 1/2 | 90,273 | 1/2 | 105,363 | 1/2 | 120,442 | 1/2 | 135,476 |
| 3/4 | 1,423 | 3/4 | 15,897 | 3/4 | 30,994 | 3/4 | 45,563 | 3/4 | 60,418 | 3/4 | 75,496 | 3/4 | 90,588 | 3/4 | 105,677 | 3/4 | 120,756 | 3/4 | 135,788 |
| 1 | 1,601 | 1 | 16,211 | 1 | 31,308 | 1 | 45,864 | 1 | 60,730 | 1 | 75,811 | 1 | 90,902 | 1 | 105,991 | 1 | 121,070 | 1 | 136,101 |
| 1/4 | 1,830 | 1/4 | 16,526 | 1/4 | 31,623 | 1/4 | 46,164 | 1/4 | 61,042 | 1/4 | 76,125 | 1/4 | 91,216 | 1/4 | 106,306 | 1/4 | 121,383 | 1/4 | 136,413 |
| 1/2 | 2,059 | 1/2 | 16,840 | 1/2 | 31,937 | 1/2 | 46,464 | 1/2 | 61,353 | 1/2 | 76,440 | 1/2 | 91,531 | 1/2 | 106,620 | 1/2 | 121,697 | 1/2 | 136,725 |
| 3/4 | 2,288 | 3/4 | 17,155 | 3/4 | 32,252 | 3/4 | 46,765 | 3/4 | 61,665 | 3/4 | 76,754 | 3/4 | 91,845 | 3/4 | 106,934 | 3/4 | 122,010 | 3/4 | 137,038 |
| 2 | 2,518 | 2 | 17,469 | 2 | 32,566 | 2 | 47,065 | 2 | 61,977 | 2 | 77,069 | 2 | 92,160 | 2 | 107,249 | 2 | 122,324 | 2 | 137,350 |
| 1/4 | 2,799 | 1/4 | 17,786 | 1/4 | 32,881 | 1/4 | 47,365 | 1/4 | 62,291 | 1/4 | 77,383 | 1/4 | 92,474 | 1/4 | 107,563 | 1/4 | 122,637 | 1/4 | 137,662 |
| 1/2 | 3,080 | 1/2 | 18,100 | 1/2 | 33,195 | 1/2 | 47,666 | 1/2 | 62,605 | 1/2 | 77,698 | 1/2 | 92,788 | 1/2 | 107,877 | 1/2 | 122,951 | 1/2 | 137,975 |
| 3/4 | 3,362 | 3/4 | 18,414 | 3/4 | 33,510 | 3/4 | 47,966 | 3/4 | 62,920 | 3/4 | 78,012 | 3/4 | 93,103 | 3/4 | 108,192 | 3/4 | 123,264 | 3/4 | 138,287 |
| 3 | 3,643 | 3 | 18,727 | 3 | 33,824 | 3 | 48,266 | 3 | 63,234 | 3 | 78,326 | 3 | 93,417 | 3 | 108,506 | 3 | 123,578 | 3 | 138,599 |
| 1/4 | 3,954 | 1/4 | 19,042 | 1/4 | 34,128 | 1/4 | 48,577 | 1/4 | 63,548 | 1/4 | 78,641 | 1/4 | 93,731 | 1/4 | 108,820 | 1/4 | 123,891 | 1/4 | 138,912 |
| 1/2 | 4,265 | 1/2 | 19,356 | 1/2 | 34,432 | 1/2 | 48,888 | 1/2 | 63,862 | 1/2 | 78,955 | 1/2 | 94,046 | 1/2 | 109,135 | 1/2 | 124,205 | 1/2 | 139,225 |
| 3/4 | 4,576 | 3/4 | 19,671 | 3/4 | 34,737 | 3/4 | 49,199 | 3/4 | 64,177 | 3/4 | 79,270 | 3/4 | 94,360 | 3/4 | 109,449 | 3/4 | 124,518 | 3/4 | 139,538 |
| 4 | 4,888 | 4 | 19,985 | 4 | 35,041 | 4 | 49,509 | 4 | 64,491 | 4 | 79,584 | 4 | 94,674 | 4 | 109,763 | 4 | 124,831 | 4 | 139,851 |
| 1/4 | 5,202 | 1/4 | 20,300 | 1/4 | 35,342 | 1/4 | 49,821 | 1/4 | 64,806 | 1/4 | 79,899 | 1/4 | 94,989 | 1/4 | 110,076 | 1/4 | 125,145 | 1/4 | 140,164 |
| 1/2 | 5,517 | 1/2 | 20,615 | 1/2 | 35,644 | 1/2 | 50,132 | 1/2 | 65,120 | 1/2 | 80,213 | 1/2 | 95,303 | 1/2 | 110,391 | 1/2 | 125,458 | 1/2 | 140,477 |
| 3/4 | 5,832 | 3/4 | 20,929 | 3/4 | 35,945 | 3/4 | 50,443 | 3/4 | 65,435 | 3/4 | 80,527 | 3/4 | 95,617 | 3/4 | 110,706 | 3/4 | 125,772 | 3/4 | 140,790 |
| 5 | 6,147 | 5 | 21,244 | 5 | 36,247 | 5 | 50,754 | 5 | 65,749 | 5 | 80,842 | 5 | 95,932 | 5 | 111,020 | 5 | 126,085 | 5 | 141,103 |
| 1/4 | 6,461 | 1/4 | 21,558 | 1/4 | 36,548 | 1/4 | 51,065 | 1/4 | 66,064 | 1/4 | 81,156 | 1/4 | 96,246 | 1/4 | 111,335 | 1/4 | 126,399 | 1/4 | 141,416 |
| 1/2 | 6,776 | 1/2 | 21,873 | 1/2 | 36,850 | 1/2 | 51,376 | 1/2 | 66,378 | 1/2 | 81,471 | 1/2 | 96,561 | 1/2 | 111,649 | 1/2 | 126,712 | 1/2 | 141,729 |
| 3/4 | 7,090 | 3/4 | 22,187 | 3/4 | 37,151 | 3/4 | 51,688 | 3/4 | 66,692 | 3/4 | 81,785 | 3/4 | 96,875 | 3/4 | 111,963 | 3/4 | 127,026 | 3/4 | 142,042 |
| 6 | 7,405 | 6 | 22,502 | 6 | 37,453 | 6 | 51,999 | 6 | 67,007 | 6 | 82,100 | 6 | 97,189 | 6 | 112,278 | 6 | 127,339 | 6 | 142,355 |
| 1/4 | 7,717 | 1/4 | 22,816 | 1/4 | 37,753 | 1/4 | 52,310 | 1/4 | 67,321 | 1/4 | 82,414 | 1/4 | 97,504 | 1/4 | 112,592 | 1/4 | 127,652 | 1/4 | 142,668 |
| 1/2 | 8,032 | 1/2 | 23,131 | 1/2 | 38,054 | 1/2 | 52,622 | 1/2 | 67,636 | 1/2 | 82,728 | 1/2 | 97,818 | 1/2 | 112,906 | 1/2 | 127,966 | 1/2 | 142,981 |
| 3/4 | 8,348 | 3/4 | 23,445 | 3/4 | 38,354 | 3/4 | 52,934 | 3/4 | 67,950 | 3/4 | 83,043 | 3/4 | 98,132 | 3/4 | 113,220 | 3/4 | 128,279 | 3/4 | 143,294 |
| 7 | 8,663 | 7 | 23,760 | 7 | 38,655 | 7 | 53,246 | 7 | 68,265 | 7 | 83,357 | 7 | 98,447 | 7 | 113,535 | 7 | 128,593 | 7 | 143,607 |
| 1/4 | 8,977 | 1/4 | 24,074 | 1/4 | 38,955 | 1/4 | 53,558 | 1/4 | 68,579 | 1/4 | 83,672 | 1/4 | 98,761 | 1/4 | 113,849 | 1/4 | 128,907 | 1/4 | 143,920 |
| 1/2 | 9,292 | 1/2 | 24,389 | 1/2 | 39,256 | 1/2 | 53,869 | 1/2 | 68,893 | 1/2 | 83,986 | 1/2 | 99,075 | 1/2 | 114,163 | 1/2 | 129,220 | 1/2 | 144,233 |
| 3/4 | 9,606 | 3/4 | 24,703 | 3/4 | 39,556 | 3/4 | 54,181 | 3/4 | 69,208 | 3/4 | 84,301 | 3/4 | 99,390 | 3/4 | 114,478 | 3/4 | 129,534 | 3/4 | 144,546 |
| 8 | 9,921 | 8 | 25,018 | 8 | 39,856 | 8 | 54,493 | 8 | 69,522 | 8 | 84,615 | 8 | 99,704 | 8 | 114,792 | 8 | 129,848 | 8 | 144,859 |
| 1/4 | 10,235 | 1/4 | 25,332 | 1/4 | 40,157 | 1/4 | 54,805 | 1/4 | 69,837 | 1/4 | 84,929 | 1/4 | 100,018 | 1/4 | 115,108 | 1/4 | 130,161 | 1/4 | 145,172 |
| 1/2 | 10,550 | 1/2 | 25,647 | 1/2 | 40,457 | 1/2 | 55,117 | 1/2 | 70,151 | 1/2 | 85,244 | 1/2 | 100,333 | 1/2 | 115,422 | 1/2 | 130,475 | 1/2 | 145,485 |
| 3/4 | 10,865 | 3/4 | 25,961 | 3/4 | 40,758 | 3/4 | 55,429 | 3/4 | 70,466 | 3/4 | 85,558 | 3/4 | 100,647 | 3/4 | 115,736 | 3/4 | 130,789 | 3/4 | 145,797 |
| 9 | 11,179 | 9 | 26,276 | 9 | 41,058 | 9 | 55,740 | 9 | 70,780 | 9 | 85,872 | 9 | 100,962 | 9 | 116,049 | 9 | 131,103 | 9 | 146,110 |
| 1/4 | 11,494 | 1/4 | 26,590 | 1/4 | 41,358 | 1/4 | 56,052 | 1/4 | 71,094 | 1/4 | 86,187 | 1/4 | 101,276 | 1/4 | 116,363 | 1/4 | 131,415 | 1/4 | 146,297 |
| 1/2 | 11,808 | 1/2 | 26,905 | 1/2 | 41,659 | 1/2 | 56,364 | 1/2 | 71,409 | 1/2 | 86,501 | 1/2 | 101,590 | 1/2 | 116,677 | 1/2 | 131,728 | 1/2 | 146,484 |
| 3/4 | 12,123 | 3/4 | 27,219 | 3/4 | 41,959 | 3/4 | 56,676 | 3/4 | 71,723 | 3/4 | 86,815 | 3/4 | 101,905 | 3/4 | 116,991 | 3/4 | 132,040 | 3/4 | 146,671 |
| 10 | 12,437 | 10 | 27,534 | 10 | 42,259 | 10 | 56,988 | 10 | 72,038 | 10 | 87,130 | 10 | 102,219 | 10 | 117,305 | 10 | 132,353 | 10 | 146,858 |
| 1/4 | 12,752 | 1/4 | 27,848 | 1/4 | 42,560 | 1/4 | 57,300 | 1/4 | 72,352 | 1/4 | 87,444 | 1/4 | 102,533 | 1/4 | 117,619 | 1/4 | 132,665 | 1/4 | 147,027 |
| 1/2 | 13,066 | 1/2 | 28,163 | 1/2 | 42,860 | 1/2 | 57,611 | 1/2 | 72,667 | 1/2 | 87,759 | 1/2 | 102,848 | 1/2 | 117,932 | 1/2 | 132,977 | 1/2 | 147,196 |
| 3/4 | 13,381 | 3/4 | 28,477 | 3/4 | 43,160 | 3/4 | 57,923 | 3/4 | 72,981 | 3/4 | 88,073 | 3/4 | 103,162 | 3/4 | 118,246 | 3/4 | 133,290 | 3/4 | 147,365 |
| 11 | 13,695 | 11 | 28,792 | 11 | 43,461 | 11 | 58,235 | 11 | 73,295 | 11 | 88,387 | 11 | 103,476 | 11 | 118,560 | 11 | 133,602 | 11 | 147,534 |
| 1/4 | 14,010 | 1/4 | 29,106 | 1/4 | 43,761 | 1/4 | 58,547 | 1/4 | 73,610 | 1/4 | 88,702 | 1/4 | 103,791 | 1/4 | 118,874 | 1/4 | 133,914 | 1/4 | 147,703 |
| 1/2 | 14,324 | 1/2 | 29,421 | 1/2 | 44,061 | 1/2 | 58,859 | 1/2 | 73,924 | 1/2 | 89,016 | 1/2 | 104,105 | 1/2 | 119,187 | 1/2 | 134,227 | 1/2 | 147,872 |
| 3/4 | 14,639 | 3/4 | 29,735 | 3/4 | 44,362 | 3/4 | 59,171 | 3/4 | 74,239 | 3/4 | 89,330 | 3/4 | 104,419 | 3/4 | 119,501 | 3/4 | 134,539 | 3/4 | 148,041 |

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'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 396"

3 STBD 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 | 148,210 | 0 | 156,322 | 0 | 164,405 | 0 | 171,928 | 0 | 178,717 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 148,379 | 1/4 | 156,491 | 1/4 | 164,569 | 1/4 | 172,076 | 1/4 | 178,882 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 148,548 | 1/2 | 156,660 | 1/2 | 164,733 | 1/2 | 172,224 | 1/2 | 179,047 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 148,717 | 3/4 | 156,829 | 3/4 | 164,897 | 3/4 | 172,372 | 3/4 | 179,211 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 148,886 | 1 | 156,998 | 1 | 165,061 | 1 | 172,520 | 1 | 179,376 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 149,055 | 1/4 | 157,167 | 1/4 | 165,224 | 1/4 | 172,667 | 1/4 | 179,543 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 149,224 | 1/2 | 157,336 | 1/2 | 165,386 | 1/2 | 172,813 | 1/2 | 179,709 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 149,393 | 3/4 | 157,505 | 3/4 | 165,549 | 3/4 | 172,959 | 3/4 | 179,876 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 149,562 | 2 | 157,674 | 2 | 165,712 | 2 | 173,105 | 2 | 180,043 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 149,731 | 1/4 | 157,843 | 1/4 | 165,873 | 1/4 | 173,250 | 1/4 | 180,210 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 149,900 | 1/2 | 158,012 | 1/2 | 166,035 | 1/2 | 173,395 | 1/2 | 180,376 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 150,069 | 3/4 | 158,181 | 3/4 | 166,196 | 3/4 | 173,540 | 3/4 | 180,543 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 150,238 | 3 | 158,350 | 3 | 166,358 | 3 | 173,684 | 3 | 180,710 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 150,407 | 1/4 | 158,519 | 1/4 | 166,518 | 1/4 | 173,828 | 1/4 | 180,877 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 150,576 | 1/2 | 158,688 | 1/2 | 166,678 | 1/2 | 173,972 | 1/2 | 181,043 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 150,745 | 3/4 | 158,857 | 3/4 | 166,838 | 3/4 | 174,115 | 3/4 | 181,210 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 150,914 | 4 | 159,026 | 4 | 166,998 | 4 | 174,259 | 4 | 181,377 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 151,083 | 1/4 | 159,195 | 1/4 | 167,157 | 1/4 | 174,401 | 1/4 | 181,544 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 151,252 | 1/2 | 159,364 | 1/2 | 167,315 | 1/2 | 174,543 | 1/2 | 181,711 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 151,421 | 3/4 | 159,533 | 3/4 | 167,474 | 3/4 | 174,685 | 3/4 | 181,877 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 151,590 | 5 | 159,702 | 5 | 167,632 | 5 | 174,827 | 5 | 182,044 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 151,759 | 1/4 | 159,871 | 1/4 | 167,790 | 1/4 | 174,968 | 1/4 | 182,205 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 151,928 | 1/2 | 160,040 | 1/2 | 167,947 | 1/2 | 175,109 | 1/2 | 182,366 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 152,097 | 3/4 | 160,209 | 3/4 | 168,105 | 3/4 | 175,250 | 3/4 | 182,527 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 152,266 | 6 | 160,378 | 6 | 168,262 | 6 | 175,390 | 6 | 182,688 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 152,435 | 1/4 | 160,547 | 1/4 | 168,418 | 1/4 | 175,530 | 1/4 | 182,809 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 152,604 | 1/2 | 160,716 | 1/2 | 168,574 | 1/2 | 175,669 | 1/2 | 182,929 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 152,773 | 3/4 | 160,885 | 3/4 | 168,730 | 3/4 | 175,809 | 3/4 | 183,049 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 152,942 | 7 | 161,054 | 7 | 168,886 | 7 | 175,948 | 7 | 183,169 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 153,111 | 1/4 | 161,223 | 1/4 | 169,041 | 1/4 | 176,087 | 1/4 | 183,238 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 153,280 | 1/2 | 161,392 | 1/2 | 169,196 | 1/2 | 176,225 | 1/2 | 183,306 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 153,449 | 3/4 | 161,561 | 3/4 | 169,351 | 3/4 | 176,363 | 3/4 | 183,375 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 153,618 | 8 | 161,730 | 8 | 169,505 | 8 | 176,501 | 8 | 183,444 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 153,787 | 1/4 | 161,899 | 1/4 | 169,659 | 1/4 | 176,638 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 153,956 | 1/2 | 162,068 | 1/2 | 169,812 | 1/2 | 176,775 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 154,125 | 3/4 | 162,236 | 3/4 | 169,965 | 3/4 | 176,912 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 154,294 | 9 | 162,405 | 9 | 170,119 | 9 | 177,049 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 154,463 | 1/4 | 162,573 | 1/4 | 170,271 | 1/4 | 177,185 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 154,632 | 1/2 | 162,741 | 1/2 | 170,423 | 1/2 | 177,320 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 154,801 | 3/4 | 162,909 | 3/4 | 170,575 | 3/4 | 177,456 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 154,970 | 10 | 163,077 | 10 | 170,727 | 10 | 177,591 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 155,139 | 1/4 | 163,244 | 1/4 | 170,878 | 1/4 | 177,726 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 155,308 | 1/2 | 163,411 | 1/2 | 171,028 | 1/2 | 177,860 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 155,477 | 3/4 | 163,577 | 3/4 | 171,179 | 3/4 | 177,994 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 155,646 | 11 | 163,744 | 11 | 171,330 | 11 | 178,128 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 155,815 | 1/4 | 163,909 | 1/4 | 171,479 | 1/4 | 178,275 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 155,984 | 1/2 | 164,074 | 1/2 | 171,629 | 1/2 | 178,423 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 156,153 | 3/4 | 164,240 | 3/4 | 171,778 | 3/4 | 178,570 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "CBC 396"

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 | - 00-0/8 | 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 |
| 1 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 |
| 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 | - 00-1/4 | 00-1/4 |
| 2 STBD | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 |
| 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'-03"

December 16, 2014

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 396"

1 PORT ULLAGE 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 | | 0 | | 0 | 206,795 | 0 | 192,724 | 0 | 177,850 | 0 | 162,622 | 0 | 147,394 | 0 | 132,166 | 0 | 116,938 | 0 | 101,707 |
| 1/4 | | 1/4 | 220,489 | 1/4 | 206,510 | 1/4 | 192,423 | 1/4 | 177,533 | 1/4 | 162,305 | 1/4 | 147,077 | 1/4 | 131,849 | 1/4 | 116,621 | 1/4 | 101,389 |
| 1/2 | | 1/2 | 220,274 | 1/2 | 206,225 | 1/2 | 192,120 | 1/2 | 177,216 | 1/2 | 161,988 | 1/2 | 146,760 | 1/2 | 131,532 | 1/2 | 116,304 | 1/2 | 101,072 |
| 3/4 | | 3/4 | 220,059 | 3/4 | 205,939 | 3/4 | 191,817 | 3/4 | 176,899 | 3/4 | 161,671 | 3/4 | 146,443 | 3/4 | 131,214 | 3/4 | 115,986 | 3/4 | 100,755 |
| 1 | | 1 | 219,844 | 1 | 205,653 | 1 | 191,514 | 1 | 176,581 | 1 | 161,353 | 1 | 146,125 | 1 | 130,897 | 1 | 115,669 | 1 | 100,437 |
| 1/4 | | 1/4 | 219,629 | 1/4 | 205,368 | 1/4 | 191,211 | 1/4 | 176,264 | 1/4 | 161,036 | 1/4 | 145,808 | 1/4 | 130,580 | 1/4 | 115,352 | 1/4 | 100,120 |
| 1/2 | | 1/2 | 219,363 | 1/2 | 205,081 | 1/2 | 190,907 | 1/2 | 175,947 | 1/2 | 160,719 | 1/2 | 145,491 | 1/2 | 130,263 | 1/2 | 115,035 | 1/2 | 99,802 |
| 3/4 | | 3/4 | 219,097 | 3/4 | 204,794 | 3/4 | 190,603 | 3/4 | 175,630 | 3/4 | 160,402 | 3/4 | 145,173 | 3/4 | 129,945 | 3/4 | 114,717 | 3/4 | 99,485 |
| 2 | | 2 | 218,831 | 2 | 204,507 | 2 | 190,298 | 2 | 175,312 | 2 | 160,084 | 2 | 144,856 | 2 | 129,628 | 2 | 114,400 | 2 | 99,168 |
| 1/4 | | 1/4 | 218,565 | 1/4 | 204,220 | 1/4 | 189,994 | 1/4 | 174,995 | 1/4 | 159,767 | 1/4 | 144,539 | 1/4 | 129,311 | 1/4 | 114,083 | 1/4 | 98,850 |
| 1/2 | | 1/2 | 218,258 | 1/2 | 203,932 | 1/2 | 189,689 | 1/2 | 174,678 | 1/2 | 159,450 | 1/2 | 144,222 | 1/2 | 128,994 | 1/2 | 113,766 | 1/2 | 98,533 |
| 3/4 | | 3/4 | 217,950 | 3/4 | 203,644 | 3/4 | 189,383 | 3/4 | 174,361 | 3/4 | 159,133 | 3/4 | 143,904 | 3/4 | 128,676 | 3/4 | 113,448 | 3/4 | 98,216 |
| 3 | | 3 | 217,643 | 3 | 203,355 | 3 | 189,077 | 3 | 174,043 | 3 | 158,815 | 3 | 143,587 | 3 | 128,359 | 3 | 113,131 | 3 | 97,898 |
| 1/4 | | 1/4 | 217,336 | 1/4 | 203,067 | 1/4 | 188,772 | 1/4 | 173,726 | 1/4 | 158,498 | 1/4 | 143,270 | 1/4 | 128,042 | 1/4 | 112,814 | 1/4 | 97,581 |
| 1/2 | | 1/2 | 217,022 | 1/2 | 202,778 | 1/2 | 188,465 | 1/2 | 173,409 | 1/2 | 158,181 | 1/2 | 142,953 | 1/2 | 127,725 | 1/2 | 112,496 | 1/2 | 97,264 |
| 3/4 | | 3/4 | 216,709 | 3/4 | 202,488 | 3/4 | 188,158 | 3/4 | 173,092 | 3/4 | 157,864 | 3/4 | 142,635 | 3/4 | 127,407 | 3/4 | 112,179 | 3/4 | 96,946 |
| 4 | | 4 | 216,396 | 4 | 202,198 | 4 | 187,851 | 4 | 172,774 | 4 | 157,546 | 4 | 142,318 | 4 | 127,090 | 4 | 111,862 | 4 | 96,629 |
| 1/4 | | 1/4 | 216,083 | 1/4 | 201,909 | 1/4 | 187,545 | 1/4 | 172,457 | 1/4 | 157,229 | 1/4 | 142,001 | 1/4 | 126,773 | 1/4 | 111,545 | 1/4 | 96,311 |
| 1/2 | | 1/2 | 215,770 | 1/2 | 201,618 | 1/2 | 187,236 | 1/2 | 172,140 | 1/2 | 156,912 | 1/2 | 141,684 | 1/2 | 126,456 | 1/2 | 111,227 | 1/2 | 95,994 |
| 3/4 | | 3/4 | 215,457 | 3/4 | 201,327 | 3/4 | 186,928 | 3/4 | 171,823 | 3/4 | 156,595 | 3/4 | 141,366 | 3/4 | 126,138 | 3/4 | 110,910 | 3/4 | 95,677 |
| 5 | | 5 | 215,144 | 5 | 201,036 | 5 | 186,620 | 5 | 171,505 | 5 | 156,277 | 5 | 141,049 | 5 | 125,821 | 5 | 110,593 | 5 | 95,359 |
| 1/4 | | 1/4 | 214,831 | 1/4 | 200,745 | 1/4 | 186,311 | 1/4 | 171,188 | 1/4 | 155,960 | 1/4 | 140,732 | 1/4 | 125,504 | 1/4 | 110,276 | 1/4 | 95,042 |
| 1/2 | | 1/2 | 214,517 | 1/2 | 200,452 | 1/2 | 186,002 | 1/2 | 170,871 | 1/2 | 155,643 | 1/2 | 140,415 | 1/2 | 125,187 | 1/2 | 109,958 | 1/2 | 94,725 |
| 3/4 | | 3/4 | 214,204 | 3/4 | 200,160 | 3/4 | 185,692 | 3/4 | 170,554 | 3/4 | 155,326 | 3/4 | 140,097 | 3/4 | 124,869 | 3/4 | 109,641 | 3/4 | 94,407 |
| 6 | | 6 | 213,891 | 6 | 199,868 | 6 | 185,382 | 6 | 170,236 | 6 | 155,008 | 6 | 139,780 | 6 | 124,552 | 6 | 109,324 | 6 | 94,090 |
| 1/4 | | 1/4 | 213,578 | 1/4 | 199,575 | 1/4 | 185,073 | 1/4 | 169,919 | 1/4 | 154,691 | 1/4 | 139,463 | 1/4 | 124,235 | 1/4 | 109,006 | 1/4 | 93,772 |
| 1/2 | | 1/2 | 213,265 | 1/2 | 199,282 | 1/2 | 184,762 | 1/2 | 169,602 | 1/2 | 154,374 | 1/2 | 139,146 | 1/2 | 123,918 | 1/2 | 108,689 | 1/2 | 93,455 |
| 3/4 | | 3/4 | 212,952 | 3/4 | 198,988 | 3/4 | 184,451 | 3/4 | 169,285 | 3/4 | 154,057 | 3/4 | 138,828 | 3/4 | 123,600 | 3/4 | 108,371 | 3/4 | 93,138 |
| 7 | | 7 | 212,639 | 7 | 198,694 | 7 | 184,140 | 7 | 168,967 | 7 | 153,739 | 7 | 138,511 | 7 | 123,283 | 7 | 108,054 | 7 | 92,820 |
| 1/4 | | 1/4 | 212,326 | 1/4 | 198,400 | 1/4 | 183,829 | 1/4 | 168,650 | 1/4 | 153,422 | 1/4 | 138,194 | 1/4 | 122,966 | 1/4 | 107,737 | 1/4 | 92,503 |
| 1/2 | | 1/2 | 212,015 | 1/2 | 198,104 | 1/2 | 183,517 | 1/2 | 168,333 | 1/2 | 153,105 | 1/2 | 137,877 | 1/2 | 122,649 | 1/2 | 107,419 | 1/2 | 92,186 |
| 3/4 | | 3/4 | 211,704 | 3/4 | 197,808 | 3/4 | 183,205 | 3/4 | 168,016 | 3/4 | 152,788 | 3/4 | 137,559 | 3/4 | 122,331 | 3/4 | 107,102 | 3/4 | 91,868 |
| 8 | | 8 | 211,393 | 8 | 197,512 | 8 | 182,892 | 8 | 167,698 | 8 | 152,470 | 8 | 137,242 | 8 | 122,014 | 8 | 106,785 | 8 | 91,551 |
| 1/4 | | 1/4 | 211,082 | 1/4 | 197,215 | 1/4 | 182,580 | 1/4 | 167,381 | 1/4 | 152,153 | 1/4 | 136,925 | 1/4 | 121,697 | 1/4 | 106,467 | 1/4 | 91,233 |
| 1/2 | | 1/2 | 210,788 | 1/2 | 196,918 | 1/2 | 182,267 | 1/2 | 167,064 | 1/2 | 151,836 | 1/2 | 136,608 | 1/2 | 121,380 | 1/2 | 106,150 | 1/2 | 90,916 |
| 3/4 | | 3/4 | 210,494 | 3/4 | 196,620 | 3/4 | 181,953 | 3/4 | 166,747 | 3/4 | 151,519 | 3/4 | 136,290 | 3/4 | 121,062 | 3/4 | 105,833 | 3/4 | 90,599 |
| 9 | | 9 | 210,201 | 9 | 196,323 | 9 | 181,640 | 9 | 166,429 | 9 | 151,201 | 9 | 135,973 | 9 | 120,745 | 9 | 105,515 | 9 | 90,281 |
| 1/4 | | 1/4 | 209,907 | 1/4 | 196,025 | 1/4 | 181,326 | 1/4 | 166,112 | 1/4 | 150,884 | 1/4 | 135,656 | 1/4 | 120,428 | 1/4 | 105,198 | 1/4 | 89,964 |
| 1/2 | | 1/2 | 209,625 | 1/2 | 195,726 | 1/2 | 181,011 | 1/2 | 165,795 | 1/2 | 150,567 | 1/2 | 135,339 | 1/2 | 120,111 | 1/2 | 104,880 | 1/2 | 89,647 |
| 3/4 | | 3/4 | 209,344 | 3/4 | 195,427 | 3/4 | 180,697 | 3/4 | 165,478 | 3/4 | 150,250 | 3/4 | 135,021 | 3/4 | 119,793 | 3/4 | 104,563 | 3/4 | 89,329 |
| 10 | | 10 | 209,062 | 10 | 195,128 | 10 | 180,382 | 10 | 165,160 | 10 | 149,932 | 10 | 134,704 | 10 | 119,476 | 10 | 104,246 | 10 | 89,012 |
| 1/4 | | 1/4 | 208,780 | 1/4 | 194,829 | 1/4 | 180,067 | 1/4 | 164,843 | 1/4 | 149,615 | 1/4 | 134,387 | 1/4 | 119,159 | 1/4 | 103,928 | 1/4 | 88,695 |
| 1/2 | | 1/2 | 208,497 | 1/2 | 194,529 | 1/2 | 179,750 | 1/2 | 164,526 | 1/2 | 149,298 | 1/2 | 134,070 | 1/2 | 118,842 | 1/2 | 103,611 | 1/2 | 88,377 |
| 3/4 | | 3/4 | 208,214 | 3/4 | 194,229 | 3/4 | 179,434 | 3/4 | 164,209 | 3/4 | 148,981 | 3/4 | 133,752 | 3/4 | 118,524 | 3/4 | 103,294 | 3/4 | 88,060 |
| 11 | | 11 | 207,931 | 11 | 193,929 | 11 | 179,118 | 11 | 163,891 | 11 | 148,663 | 11 | 133,435 | 11 | 118,207 | 11 | 102,976 | 11 | 87,742 |
| 1/4 | | 1/4 | 207,648 | 1/4 | 193,629 | 1/4 | 178,802 | 1/4 | 163,574 | 1/4 | 148,346 | 1/4 | 133,118 | 1/4 | 117,890 | 1/4 | 102,659 | 1/4 | 87,425 |
| 1/2 | | 1/2 | 207,364 | 1/2 | 193,327 | 1/2 | 178,485 | 1/2 | 163,257 | 1/2 | 148,029 | 1/2 | 132,801 | 1/2 | 117,573 | 1/2 | 102,341 | 1/2 | 87,108 |
| 3/4 | | 3/4 | 207,079 | 3/4 | 193,026 | 3/4 | 178,167 | 3/4 | 162,940 | 3/4 | 147,712 | 3/4 | 132,483 | 3/4 | 117,255 | 3/4 | 102,024 | 3/4 | 86,790 |

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'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 396"

1 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 | 86,473 | 0 | 71,239 | 0 | 56,005 | 0 | 40,790 | 0 | 25,559 | 0 | 10,326 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 86,156 | 1/4 | 70,922 | 1/4 | 55,688 | 1/4 | 40,473 | 1/4 | 25,242 | 1/4 | 10,009 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 85,838 | 1/2 | 70,604 | 1/2 | 55,371 | 1/2 | 40,156 | 1/2 | 24,924 | 1/2 | 9,691 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 85,521 | 3/4 | 70,287 | 3/4 | 55,053 | 3/4 | 39,839 | 3/4 | 24,607 | 3/4 | 9,374 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 85,203 | 1 | 69,970 | 1 | 54,736 | 1 | 39,522 | 1 | 24,290 | 1 | 9,056 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 84,886 | 1/4 | 69,652 | 1/4 | 54,419 | 1/4 | 39,205 | 1/4 | 23,972 | 1/4 | 8,739 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 84,569 | 1/2 | 69,335 | 1/2 | 54,101 | 1/2 | 38,888 | 1/2 | 23,655 | 1/2 | 8,421 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 84,251 | 3/4 | 69,018 | 3/4 | 53,784 | 3/4 | 38,571 | 3/4 | 23,338 | 3/4 | 8,103 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 83,934 | 2 | 68,700 | 2 | 53,466 | 2 | 38,253 | 2 | 23,020 | 2 | 7,785 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 83,617 | 1/4 | 68,383 | 1/4 | 53,149 | 1/4 | 37,936 | 1/4 | 22,703 | 1/4 | 7,470 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 83,299 | 1/2 | 68,065 | 1/2 | 52,832 | 1/2 | 37,619 | 1/2 | 22,385 | 1/2 | 7,152 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 82,982 | 3/4 | 67,748 | 3/4 | 52,514 | 3/4 | 37,301 | 3/4 | 22,068 | 3/4 | 6,835 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 82,664 | 3 | 67,431 | 3 | 52,197 | 3 | 36,984 | 3 | 21,751 | 3 | 6,518 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 82,347 | 1/4 | 67,113 | 1/4 | 51,880 | 1/4 | 36,667 | 1/4 | 21,433 | 1/4 | 6,200 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 82,030 | 1/2 | 66,796 | 1/2 | 51,563 | 1/2 | 36,349 | 1/2 | 21,116 | 1/2 | 5,883 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 81,712 | 3/4 | 66,479 | 3/4 | 51,246 | 3/4 | 36,032 | 3/4 | 20,799 | 3/4 | 5,566 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 81,395 | 4 | 66,161 | 4 | 50,929 | 4 | 35,714 | 4 | 20,481 | 4 | 5,248 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 81,078 | 1/4 | 65,844 | 1/4 | 50,612 | 1/4 | 35,397 | 1/4 | 20,164 | 1/4 | 4,931 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 80,760 | 1/2 | 65,527 | 1/2 | 50,296 | 1/2 | 35,080 | 1/2 | 19,847 | 1/2 | 4,617 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 80,443 | 3/4 | 65,209 | 3/4 | 49,979 | 3/4 | 34,762 | 3/4 | 19,529 | 3/4 | 4,303 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 80,126 | 5 | 64,892 | 5 | 49,662 | 5 | 34,445 | 5 | 19,212 | 5 | 3,989 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 79,808 | 1/4 | 64,574 | 1/4 | 49,345 | 1/4 | 34,128 | 1/4 | 18,895 | 1/4 | 3,675 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 79,491 | 1/2 | 64,257 | 1/2 | 49,028 | 1/2 | 33,810 | 1/2 | 18,578 | 1/2 | 3,390 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 79,173 | 3/4 | 63,940 | 3/4 | 48,711 | 3/4 | 33,493 | 3/4 | 18,261 | 3/4 | 3,106 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 78,856 | 6 | 63,622 | 6 | 48,394 | 6 | 33,176 | 6 | 17,945 | 6 | 2,822 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 78,539 | 1/4 | 63,305 | 1/4 | 48,078 | 1/4 | 32,858 | 1/4 | 17,625 | 1/4 | 2,537 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 78,221 | 1/2 | 62,988 | 1/2 | 47,761 | 1/2 | 32,541 | 1/2 | 17,308 | 1/2 | 2,306 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 77,904 | 3/4 | 62,670 | 3/4 | 47,444 | 3/4 | 32,224 | 3/4 | 16,990 | 3/4 | 2,075 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 77,587 | 7 | 62,353 | 7 | 47,127 | 7 | 31,906 | 7 | 16,673 | 7 | 1,843 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 77,269 | 1/4 | 62,035 | 1/4 | 46,810 | 1/4 | 31,589 | 1/4 | 16,356 | 1/4 | 1,612 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 76,952 | 1/2 | 61,718 | 1/2 | 46,493 | 1/2 | 31,271 | 1/2 | 16,038 | 1/2 | 1,433 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 76,634 | 3/4 | 61,401 | 3/4 | 46,176 | 3/4 | 30,954 | 3/4 | 15,721 | 3/4 | 1,255 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 76,317 | 8 | 61,083 | 8 | 45,860 | 8 | 30,637 | 8 | 15,404 | 8 | 1,076 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 76,000 | 1/4 | 60,766 | 1/4 | 45,543 | 1/4 | 30,319 | 1/4 | 15,086 | 1/4 | 898 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 75,682 | 1/2 | 60,449 | 1/2 | 45,226 | 1/2 | 30,002 | 1/2 | 14,769 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 75,365 | 3/4 | 60,131 | 3/4 | 44,909 | 3/4 | 29,685 | 3/4 | 14,452 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 75,048 | 9 | 59,814 | 9 | 44,592 | 9 | 29,367 | 9 | 14,134 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 74,730 | 1/4 | 59,496 | 1/4 | 44,275 | 1/4 | 29,050 | 1/4 | 13,817 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 74,413 | 1/2 | 59,179 | 1/2 | 43,958 | 1/2 | 28,733 | 1/2 | 13,499 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 74,096 | 3/4 | 58,862 | 3/4 | 43,642 | 3/4 | 28,415 | 3/4 | 13,182 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 73,778 | 10 | 58,544 | 10 | 43,325 | 10 | 28,098 | 10 | 12,865 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 73,461 | 1/4 | 58,227 | 1/4 | 43,008 | 1/4 | 27,781 | 1/4 | 12,547 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 73,143 | 1/2 | 57,910 | 1/2 | 42,691 | 1/2 | 27,463 | 1/2 | 12,230 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 72,826 | 3/4 | 57,592 | 3/4 | 42,374 | 3/4 | 27,146 | 3/4 | 11,913 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 72,509 | 11 | 57,275 | 11 | 42,057 | 11 | 26,828 | 11 | 11,595 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 72,191 | 1/4 | 56,958 | 1/4 | 41,741 | 1/4 | 26,511 | 1/4 | 11,278 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 71,874 | 1/2 | 56,640 | 1/2 | 41,424 | 1/2 | 26,194 | 1/2 | 10,961 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 71,557 | 3/4 | 56,323 | 3/4 | 41,107 | 3/4 | 25,876 | 3/4 | 10,643 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "CBC 396"

1 STBD ULLAGE 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 | | 0 | | 0 | 206,666 | 0 | 192,599 | 0 | 177,729 | 0 | 162,504 | 0 | 147,280 | 0 | 132,055 | 0 | 116,831 | 0 | 101,603 |
| 1/4 | | 1/4 | 220,356 | 1/4 | 206,381 | 1/4 | 192,297 | 1/4 | 177,412 | 1/4 | 162,187 | 1/4 | 146,963 | 1/4 | 131,738 | 1/4 | 116,514 | 1/4 | 101,286 |
| 1/2 | | 1/2 | 220,141 | 1/2 | 206,096 | 1/2 | 191,995 | 1/2 | 177,094 | 1/2 | 161,870 | 1/2 | 146,645 | 1/2 | 131,421 | 1/2 | 116,197 | 1/2 | 100,969 |
| 3/4 | | 3/4 | 219,926 | 3/4 | 205,810 | 3/4 | 191,692 | 3/4 | 176,777 | 3/4 | 161,553 | 3/4 | 146,328 | 3/4 | 131,104 | 3/4 | 115,879 | 3/4 | 100,651 |
| 1 | | 1 | 219,711 | 1 | 205,525 | 1 | 191,389 | 1 | 176,460 | 1 | 161,236 | 1 | 146,011 | 1 | 130,787 | 1 | 115,562 | 1 | 100,334 |
| 1/4 | | 1/4 | 219,496 | 1/4 | 205,239 | 1/4 | 191,086 | 1/4 | 176,143 | 1/4 | 160,918 | 1/4 | 145,694 | 1/4 | 130,470 | 1/4 | 115,245 | 1/4 | 100,017 |
| 1/2 | | 1/2 | 219,230 | 1/2 | 204,952 | 1/2 | 190,782 | 1/2 | 175,826 | 1/2 | 160,601 | 1/2 | 145,377 | 1/2 | 130,152 | 1/2 | 114,928 | 1/2 | 99,700 |
| 3/4 | | 3/4 | 218,964 | 3/4 | 204,665 | 3/4 | 190,478 | 3/4 | 175,508 | 3/4 | 160,284 | 3/4 | 145,060 | 3/4 | 129,835 | 3/4 | 114,611 | 3/4 | 99,382 |
| 2 | | 2 | 218,698 | 2 | 204,378 | 2 | 190,173 | 2 | 175,191 | 2 | 159,967 | 2 | 144,742 | 2 | 129,518 | 2 | 114,294 | 2 | 99,065 |
| 1/4 | | 1/4 | 218,433 | 1/4 | 204,092 | 1/4 | 189,869 | 1/4 | 174,874 | 1/4 | 159,650 | 1/4 | 144,425 | 1/4 | 129,201 | 1/4 | 113,976 | 1/4 | 98,748 |
| 1/2 | | 1/2 | 218,125 | 1/2 | 203,804 | 1/2 | 189,564 | 1/2 | 174,557 | 1/2 | 159,333 | 1/2 | 144,108 | 1/2 | 128,884 | 1/2 | 113,659 | 1/2 | 98,430 |
| 3/4 | | 3/4 | 217,818 | 3/4 | 203,515 | 3/4 | 189,258 | 3/4 | 174,240 | 3/4 | 159,015 | 3/4 | 143,791 | 3/4 | 128,566 | 3/4 | 113,342 | 3/4 | 98,113 |
| 3 | | 3 | 217,511 | 3 | 203,227 | 3 | 188,953 | 3 | 173,923 | 3 | 158,698 | 3 | 143,474 | 3 | 128,249 | 3 | 113,025 | 3 | 97,796 |
| 1/4 | | 1/4 | 217,204 | 1/4 | 202,939 | 1/4 | 188,647 | 1/4 | 173,605 | 1/4 | 158,381 | 1/4 | 143,157 | 1/4 | 127,932 | 1/4 | 112,708 | 1/4 | 97,478 |
| 1/2 | | 1/2 | 216,891 | 1/2 | 202,650 | 1/2 | 188,341 | 1/2 | 173,288 | 1/2 | 158,064 | 1/2 | 142,839 | 1/2 | 127,615 | 1/2 | 112,390 | 1/2 | 97,161 |
| 3/4 | | 3/4 | 216,578 | 3/4 | 202,360 | 3/4 | 188,034 | 3/4 | 172,971 | 3/4 | 157,747 | 3/4 | 142,522 | 3/4 | 127,298 | 3/4 | 112,073 | 3/4 | 96,844 |
| 4 | | 4 | 216,265 | 4 | 202,070 | 4 | 187,727 | 4 | 172,654 | 4 | 157,429 | 4 | 142,205 | 4 | 126,981 | 4 | 111,756 | 4 | 96,527 |
| 1/4 | | 1/4 | 215,952 | 1/4 | 201,781 | 1/4 | 187,420 | 1/4 | 172,337 | 1/4 | 157,112 | 1/4 | 141,888 | 1/4 | 126,663 | 1/4 | 111,439 | 1/4 | 96,209 |
| 1/2 | | 1/2 | 215,638 | 1/2 | 201,490 | 1/2 | 187,112 | 1/2 | 172,020 | 1/2 | 156,795 | 1/2 | 141,571 | 1/2 | 126,346 | 1/2 | 111,122 | 1/2 | 95,892 |
| 3/4 | | 3/4 | 215,325 | 3/4 | 201,199 | 3/4 | 186,804 | 3/4 | 171,702 | 3/4 | 156,478 | 3/4 | 141,253 | 3/4 | 126,029 | 3/4 | 110,805 | 3/4 | 95,575 |
| 5 | | 5 | 215,012 | 5 | 200,908 | 5 | 186,496 | 5 | 171,385 | 5 | 156,161 | 5 | 140,936 | 5 | 125,712 | 5 | 110,487 | 5 | 95,257 |
| 1/4 | | 1/4 | 214,699 | 1/4 | 200,617 | 1/4 | 186,188 | 1/4 | 171,068 | 1/4 | 155,844 | 1/4 | 140,619 | 1/4 | 125,395 | 1/4 | 110,170 | 1/4 | 94,940 |
| 1/2 | | 1/2 | 214,386 | 1/2 | 200,325 | 1/2 | 185,878 | 1/2 | 170,751 | 1/2 | 155,526 | 1/2 | 140,302 | 1/2 | 125,078 | 1/2 | 109,853 | 1/2 | 94,623 |
| 3/4 | | 3/4 | 214,073 | 3/4 | 200,033 | 3/4 | 185,568 | 3/4 | 170,434 | 3/4 | 155,209 | 3/4 | 139,985 | 3/4 | 124,760 | 3/4 | 109,536 | 3/4 | 94,306 |
| 6 | | 6 | 213,760 | 6 | 199,740 | 6 | 185,259 | 6 | 170,116 | 6 | 154,892 | 6 | 139,668 | 6 | 124,443 | 6 | 109,218 | 6 | 93,988 |
| 1/4 | | 1/4 | 213,447 | 1/4 | 199,448 | 1/4 | 184,949 | 1/4 | 169,799 | 1/4 | 154,575 | 1/4 | 139,350 | 1/4 | 124,126 | 1/4 | 108,901 | 1/4 | 93,671 |
| 1/2 | | 1/2 | 213,134 | 1/2 | 199,154 | 1/2 | 184,638 | 1/2 | 169,482 | 1/2 | 154,258 | 1/2 | 139,033 | 1/2 | 123,809 | 1/2 | 108,584 | 1/2 | 93,354 |
| 3/4 | | 3/4 | 212,821 | 3/4 | 198,861 | 3/4 | 184,328 | 3/4 | 169,165 | 3/4 | 153,941 | 3/4 | 138,716 | 3/4 | 123,492 | 3/4 | 108,266 | 3/4 | 93,036 |
| 7 | | 7 | 212,508 | 7 | 198,567 | 7 | 184,017 | 7 | 168,848 | 7 | 153,623 | 7 | 138,399 | 7 | 123,174 | 7 | 107,949 | 7 | 92,719 |
| 1/4 | | 1/4 | 212,195 | 1/4 | 198,273 | 1/4 | 183,706 | 1/4 | 168,531 | 1/4 | 153,306 | 1/4 | 138,082 | 1/4 | 122,857 | 1/4 | 107,632 | 1/4 | 92,402 |
| 1/2 | | 1/2 | 211,884 | 1/2 | 197,977 | 1/2 | 183,394 | 1/2 | 168,213 | 1/2 | 152,989 | 1/2 | 137,765 | 1/2 | 122,540 | 1/2 | 107,315 | 1/2 | 92,084 |
| 3/4 | | 3/4 | 211,573 | 3/4 | 197,681 | 3/4 | 183,082 | 3/4 | 167,896 | 3/4 | 152,672 | 3/4 | 137,447 | 3/4 | 122,223 | 3/4 | 106,997 | 3/4 | 91,767 |
| 8 | | 8 | 211,262 | 8 | 197,385 | 8 | 182,769 | 8 | 167,579 | 8 | 152,355 | 8 | 137,130 | 8 | 121,906 | 8 | 106,680 | 8 | 91,450 |
| 1/4 | | 1/4 | 210,952 | 1/4 | 197,089 | 1/4 | 182,457 | 1/4 | 167,262 | 1/4 | 152,037 | 1/4 | 136,813 | 1/4 | 121,589 | 1/4 | 106,363 | 1/4 | 91,133 |
| 1/2 | | 1/2 | 210,658 | 1/2 | 196,791 | 1/2 | 182,144 | 1/2 | 166,945 | 1/2 | 151,720 | 1/2 | 136,496 | 1/2 | 121,271 | 1/2 | 106,045 | 1/2 | 90,815 |
| 3/4 | | 3/4 | 210,364 | 3/4 | 196,494 | 3/4 | 181,831 | 3/4 | 166,628 | 3/4 | 151,403 | 3/4 | 136,179 | 3/4 | 120,954 | 3/4 | 105,728 | 3/4 | 90,498 |
| 9 | | 9 | 210,071 | 9 | 196,196 | 9 | 181,517 | 9 | 166,310 | 9 | 151,086 | 9 | 135,862 | 9 | 120,637 | 9 | 105,411 | 9 | 90,181 |
| 1/4 | | 1/4 | 209,777 | 1/4 | 195,899 | 1/4 | 181,204 | 1/4 | 165,993 | 1/4 | 150,769 | 1/4 | 135,544 | 1/4 | 120,320 | 1/4 | 105,093 | 1/4 | 89,863 |
| 1/2 | | 1/2 | 209,495 | 1/2 | 195,600 | 1/2 | 180,889 | 1/2 | 165,676 | 1/2 | 150,452 | 1/2 | 135,227 | 1/2 | 120,003 | 1/2 | 104,776 | 1/2 | 89,546 |
| 3/4 | | 3/4 | 209,214 | 3/4 | 195,301 | 3/4 | 180,574 | 3/4 | 165,359 | 3/4 | 150,134 | 3/4 | 134,910 | 3/4 | 119,686 | 3/4 | 104,459 | 3/4 | 89,229 |
| 10 | | 10 | 208,932 | 10 | 195,002 | 10 | 180,259 | 10 | 165,042 | 10 | 149,817 | 10 | 134,593 | 10 | 119,368 | 10 | 104,142 | 10 | 88,912 |
| 1/4 | | 1/4 | 208,651 | 1/4 | 194,703 | 1/4 | 179,944 | 1/4 | 164,724 | 1/4 | 149,500 | 1/4 | 134,276 | 1/4 | 119,051 | 1/4 | 103,824 | 1/4 | 88,594 |
| 1/2 | | 1/2 | 208,368 | 1/2 | 194,403 | 1/2 | 179,628 | 1/2 | 164,407 | 1/2 | 149,183 | 1/2 | 133,958 | 1/2 | 118,734 | 1/2 | 103,507 | 1/2 | 88,277 |
| 3/4 | | 3/4 | 208,085 | 3/4 | 194,103 | 3/4 | 179,312 | 3/4 | 164,090 | 3/4 | 148,866 | 3/4 | 133,641 | 3/4 | 118,417 | 3/4 | 103,190 | 3/4 | 87,960 |
| 11 | | 11 | 207,802 | 11 | 193,803 | 11 | 178,996 | 11 | 163,773 | 11 | 148,549 | 11 | 133,324 | 11 | 118,100 | 11 | 102,872 | 11 | 87,642 |
| 1/4 | | 1/4 | 207,519 | 1/4 | 193,503 | 1/4 | 178,680 | 1/4 | 163,456 | 1/4 | 148,231 | 1/4 | 133,007 | 1/4 | 117,782 | 1/4 | 102,555 | 1/4 | 87,325 |
| 1/2 | | 1/2 | 207,234 | 1/2 | 193,201 | 1/2 | 178,363 | 1/2 | 163,139 | 1/2 | 147,914 | 1/2 | 132,690 | 1/2 | 117,465 | 1/2 | 102,238 | 1/2 | 87,008 |
| 3/4 | | 3/4 | 206,950 | 3/4 | 192,900 | 3/4 | 178,046 | 3/4 | 162,821 | 3/4 | 147,597 | 3/4 | 132,373 | 3/4 | 117,148 | 3/4 | 101,921 | 3/4 | 86,690 |

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'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 396"

1 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 | 86,373 | 0 | 71,143 | 0 | 55,913 | 0 | 40,767 | 0 | 25,554 | 0 | 10,324 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 86,056 | 1/4 | 70,826 | 1/4 | 55,596 | 1/4 | 40,452 | 1/4 | 25,236 | 1/4 | 10,007 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 85,739 | 1/2 | 70,509 | 1/2 | 55,278 | 1/2 | 40,136 | 1/2 | 24,919 | 1/2 | 9,690 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 85,421 | 3/4 | 70,191 | 3/4 | 54,961 | 3/4 | 39,821 | 3/4 | 24,602 | 3/4 | 9,372 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 85,104 | 1 | 69,874 | 1 | 54,644 | 1 | 39,506 | 1 | 24,284 | 1 | 9,055 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 84,787 | 1/4 | 69,557 | 1/4 | 54,327 | 1/4 | 39,191 | 1/4 | 23,967 | 1/4 | 8,738 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 84,469 | 1/2 | 69,239 | 1/2 | 54,009 | 1/2 | 38,875 | 1/2 | 23,650 | 1/2 | 8,420 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 84,152 | 3/4 | 68,922 | 3/4 | 53,692 | 3/4 | 38,559 | 3/4 | 23,333 | 3/4 | 8,102 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 83,835 | 2 | 68,605 | 2 | 53,375 | 2 | 38,243 | 2 | 23,015 | 2 | 7,784 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 83,518 | 1/4 | 68,287 | 1/4 | 53,058 | 1/4 | 37,928 | 1/4 | 22,698 | 1/4 | 7,469 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 83,200 | 1/2 | 67,970 | 1/2 | 52,743 | 1/2 | 37,610 | 1/2 | 22,381 | 1/2 | 7,151 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 82,883 | 3/4 | 67,653 | 3/4 | 52,427 | 3/4 | 37,293 | 3/4 | 22,063 | 3/4 | 6,834 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 82,566 | 3 | 67,336 | 3 | 52,111 | 3 | 36,976 | 3 | 21,746 | 3 | 6,517 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 82,248 | 1/4 | 67,018 | 1/4 | 51,796 | 1/4 | 36,658 | 1/4 | 21,429 | 1/4 | 6,199 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 81,931 | 1/2 | 66,701 | 1/2 | 51,481 | 1/2 | 36,341 | 1/2 | 21,112 | 1/2 | 5,882 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 81,614 | 3/4 | 66,384 | 3/4 | 51,166 | 3/4 | 36,024 | 3/4 | 20,794 | 3/4 | 5,565 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 81,296 | 4 | 66,066 | 4 | 50,851 | 4 | 35,707 | 4 | 20,477 | 4 | 5,248 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 80,979 | 1/4 | 65,749 | 1/4 | 50,535 | 1/4 | 35,389 | 1/4 | 20,160 | 1/4 | 4,930 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 80,662 | 1/2 | 65,432 | 1/2 | 50,220 | 1/2 | 35,072 | 1/2 | 19,843 | 1/2 | 4,616 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 80,345 | 3/4 | 65,115 | 3/4 | 49,905 | 3/4 | 34,755 | 3/4 | 19,525 | 3/4 | 4,302 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 80,027 | 5 | 64,797 | 5 | 49,590 | 5 | 34,437 | 5 | 19,208 | 5 | 3,988 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 79,710 | 1/4 | 64,480 | 1/4 | 49,275 | 1/4 | 34,120 | 1/4 | 18,891 | 1/4 | 3,674 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 79,393 | 1/2 | 64,163 | 1/2 | 48,960 | 1/2 | 33,803 | 1/2 | 18,574 | 1/2 | 3,390 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 79,075 | 3/4 | 63,845 | 3/4 | 48,645 | 3/4 | 33,486 | 3/4 | 18,258 | 3/4 | 3,106 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 78,758 | 6 | 63,528 | 6 | 48,330 | 6 | 33,168 | 6 | 17,941 | 6 | 2,822 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 78,441 | 1/4 | 63,211 | 1/4 | 48,014 | 1/4 | 32,851 | 1/4 | 17,622 | 1/4 | 2,538 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 78,124 | 1/2 | 62,893 | 1/2 | 47,699 | 1/2 | 32,534 | 1/2 | 17,304 | 1/2 | 2,306 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 77,806 | 3/4 | 62,576 | 3/4 | 47,384 | 3/4 | 32,216 | 3/4 | 16,987 | 3/4 | 2,075 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 77,489 | 7 | 62,259 | 7 | 47,069 | 7 | 31,899 | 7 | 16,670 | 7 | 1,844 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 77,172 | 1/4 | 61,942 | 1/4 | 46,754 | 1/4 | 31,582 | 1/4 | 16,352 | 1/4 | 1,612 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 76,854 | 1/2 | 61,624 | 1/2 | 46,439 | 1/2 | 31,265 | 1/2 | 16,035 | 1/2 | 1,434 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 76,537 | 3/4 | 61,307 | 3/4 | 46,124 | 3/4 | 30,947 | 3/4 | 15,718 | 3/4 | 1,255 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 76,220 | 8 | 60,990 | 8 | 45,809 | 8 | 30,630 | 8 | 15,401 | 8 | 1,077 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 75,903 | 1/4 | 60,672 | 1/4 | 45,493 | 1/4 | 30,313 | 1/4 | 15,083 | 1/4 | 898 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 75,585 | 1/2 | 60,355 | 1/2 | 45,178 | 1/2 | 29,995 | 1/2 | 14,766 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 75,268 | 3/4 | 60,038 | 3/4 | 44,863 | 3/4 | 29,678 | 3/4 | 14,449 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 74,951 | 9 | 59,721 | 9 | 44,548 | 9 | 29,361 | 9 | 14,131 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 74,633 | 1/4 | 59,403 | 1/4 | 44,233 | 1/4 | 29,044 | 1/4 | 13,814 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 74,316 | 1/2 | 59,086 | 1/2 | 43,918 | 1/2 | 28,726 | 1/2 | 13,497 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 73,999 | 3/4 | 58,769 | 3/4 | 43,603 | 3/4 | 28,409 | 3/4 | 13,180 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 73,681 | 10 | 58,451 | 10 | 43,288 | 10 | 28,092 | 10 | 12,862 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 73,364 | 1/4 | 58,134 | 1/4 | 42,973 | 1/4 | 27,775 | 1/4 | 12,545 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 73,047 | 1/2 | 57,817 | 1/2 | 42,657 | 1/2 | 27,457 | 1/2 | 12,228 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 72,730 | 3/4 | 57,500 | 3/4 | 42,342 | 3/4 | 27,140 | 3/4 | 11,910 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 72,412 | 11 | 57,182 | 11 | 42,027 | 11 | 26,823 | 11 | 11,593 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 72,095 | 1/4 | 56,865 | 1/4 | 41,712 | 1/4 | 26,505 | 1/4 | 11,276 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 71,778 | 1/2 | 56,548 | 1/2 | 41,397 | 1/2 | 26,188 | 1/2 | 10,959 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 71,460 | 3/4 | 56,230 | 3/4 | 41,082 | 3/4 | 25,871 | 3/4 | 10,641 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

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



BARGE "CBC 396"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0 | | 0 | 219,695 | 0 | 205,767 | 0 | 191,731 | 0 | 176,895 | 0 | 161,722 | 0 | 146,548 | 0 | 131,375 | 0 | 116,202 | 0 | 101,025 |
| 1/4 | 1/4 | 219,481 | 1/4 | 205,483 | 1/4 | 191,429 | 1/4 | 176,579 | 1/4 | 161,406 | 1/4 | 146,232 | 1/4 | 131,059 | 1/4 | 115,885 | 1/4 | 100,708 | |
| 1/2 | 1/2 | 219,267 | 1/2 | 205,198 | 1/2 | 191,127 | 1/2 | 176,263 | 1/2 | 161,090 | 1/2 | 145,916 | 1/2 | 130,743 | 1/2 | 115,569 | 1/2 | 100,392 | |
| 3/4 | 3/4 | 219,052 | 3/4 | 204,913 | 3/4 | 190,825 | 3/4 | 175,947 | 3/4 | 160,774 | 3/4 | 145,600 | 3/4 | 130,427 | 3/4 | 115,253 | 3/4 | 100,076 | |
| 1 | | 1 | 218,838 | 1 | 204,629 | 1 | 190,524 | 1 | 175,631 | 1 | 160,458 | 1 | 145,284 | 1 | 130,111 | 1 | 114,937 | 1 | 99,760 |
| 1/4 | 1/4 | 218,573 | 1/4 | 204,343 | 1/4 | 190,220 | 1/4 | 175,315 | 1/4 | 160,141 | 1/4 | 144,968 | 1/4 | 129,794 | 1/4 | 114,621 | 1/4 | 99,443 | |
| 1/2 | 1/2 | 218,308 | 1/2 | 204,057 | 1/2 | 189,917 | 1/2 | 174,999 | 1/2 | 159,825 | 1/2 | 144,652 | 1/2 | 129,478 | 1/2 | 114,305 | 1/2 | 99,127 | |
| 3/4 | 3/4 | 218,043 | 3/4 | 203,771 | 3/4 | 189,614 | 3/4 | 174,683 | 3/4 | 159,509 | 3/4 | 144,336 | 3/4 | 129,162 | 3/4 | 113,989 | 3/4 | 98,811 | |
| 2 | | 2 | 217,778 | 2 | 203,485 | 2 | 189,311 | 2 | 174,367 | 2 | 159,193 | 2 | 144,020 | 2 | 128,846 | 2 | 113,673 | 2 | 98,495 |
| 1/4 | 1/4 | 217,472 | 1/4 | 203,198 | 1/4 | 189,006 | 1/4 | 174,050 | 1/4 | 158,877 | 1/4 | 143,703 | 1/4 | 128,530 | 1/4 | 113,356 | 1/4 | 98,179 | |
| 1/2 | 1/2 | 217,166 | 1/2 | 202,911 | 1/2 | 188,702 | 1/2 | 173,734 | 1/2 | 158,561 | 1/2 | 143,387 | 1/2 | 128,214 | 1/2 | 113,040 | 1/2 | 97,862 | |
| 3/4 | 3/4 | 216,859 | 3/4 | 202,624 | 3/4 | 188,397 | 3/4 | 173,418 | 3/4 | 158,245 | 3/4 | 143,071 | 3/4 | 127,898 | 3/4 | 112,724 | 3/4 | 97,546 | |
| 3 | | 3 | 216,553 | 3 | 202,337 | 3 | 188,093 | 3 | 173,102 | 3 | 157,929 | 3 | 142,755 | 3 | 127,582 | 3 | 112,408 | 3 | 97,230 |
| 1/4 | 1/4 | 216,241 | 1/4 | 202,048 | 1/4 | 187,787 | 1/4 | 172,786 | 1/4 | 157,612 | 1/4 | 142,439 | 1/4 | 127,266 | 1/4 | 112,092 | 1/4 | 96,914 | |
| 1/2 | 1/2 | 215,929 | 1/2 | 201,759 | 1/2 | 187,482 | 1/2 | 172,470 | 1/2 | 157,296 | 1/2 | 142,123 | 1/2 | 126,949 | 1/2 | 111,776 | 1/2 | 96,597 | |
| 3/4 | 3/4 | 215,617 | 3/4 | 201,471 | 3/4 | 187,176 | 3/4 | 172,154 | 3/4 | 156,980 | 3/4 | 141,807 | 3/4 | 126,633 | 3/4 | 111,460 | 3/4 | 96,281 | |
| 4 | | 4 | 215,305 | 4 | 201,182 | 4 | 186,870 | 4 | 171,838 | 4 | 156,664 | 4 | 141,491 | 4 | 126,317 | 4 | 111,144 | 4 | 95,965 |
| 1/4 | 1/4 | 214,993 | 1/4 | 200,892 | 1/4 | 186,563 | 1/4 | 171,522 | 1/4 | 156,348 | 1/4 | 141,175 | 1/4 | 126,001 | 1/4 | 110,828 | 1/4 | 95,649 | |
| 1/2 | 1/2 | 214,681 | 1/2 | 200,602 | 1/2 | 186,256 | 1/2 | 171,205 | 1/2 | 156,032 | 1/2 | 140,858 | 1/2 | 125,685 | 1/2 | 110,511 | 1/2 | 95,333 | |
| 3/4 | 3/4 | 214,369 | 3/4 | 200,312 | 3/4 | 185,949 | 3/4 | 170,889 | 3/4 | 155,716 | 3/4 | 140,542 | 3/4 | 125,369 | 3/4 | 110,195 | 3/4 | 95,016 | |
| 5 | | 5 | 214,057 | 5 | 200,022 | 5 | 185,641 | 5 | 170,573 | 5 | 155,400 | 5 | 140,226 | 5 | 125,053 | 5 | 109,879 | 5 | 94,700 |
| 1/4 | 1/4 | 213,745 | 1/4 | 199,731 | 1/4 | 185,333 | 1/4 | 170,257 | 1/4 | 155,084 | 1/4 | 139,910 | 1/4 | 124,737 | 1/4 | 109,563 | 1/4 | 94,384 | |
| 1/2 | 1/2 | 213,433 | 1/2 | 199,440 | 1/2 | 185,024 | 1/2 | 169,941 | 1/2 | 154,767 | 1/2 | 139,594 | 1/2 | 124,420 | 1/2 | 109,247 | 1/2 | 94,068 | |
| 3/4 | 3/4 | 213,121 | 3/4 | 199,149 | 3/4 | 184,716 | 3/4 | 169,625 | 3/4 | 154,451 | 3/4 | 139,278 | 3/4 | 124,104 | 3/4 | 108,930 | 3/4 | 93,751 | |
| 6 | | 6 | 212,809 | 6 | 198,857 | 6 | 184,407 | 6 | 169,309 | 6 | 154,135 | 6 | 138,962 | 6 | 123,788 | 6 | 108,614 | 6 | 93,435 |
| 1/4 | 1/4 | 212,497 | 1/4 | 198,565 | 1/4 | 184,097 | 1/4 | 168,993 | 1/4 | 153,819 | 1/4 | 138,646 | 1/4 | 123,472 | 1/4 | 108,298 | 1/4 | 93,119 | |
| 1/2 | 1/2 | 212,185 | 1/2 | 198,272 | 1/2 | 183,788 | 1/2 | 168,676 | 1/2 | 153,503 | 1/2 | 138,330 | 1/2 | 123,156 | 1/2 | 107,982 | 1/2 | 92,803 | |
| 3/4 | 3/4 | 211,873 | 3/4 | 197,979 | 3/4 | 183,478 | 3/4 | 168,360 | 3/4 | 153,187 | 3/4 | 138,013 | 3/4 | 122,840 | 3/4 | 107,665 | 3/4 | 92,486 | |
| 7 | | 7 | 211,561 | 7 | 197,687 | 7 | 183,168 | 7 | 168,044 | 7 | 152,871 | 7 | 137,697 | 7 | 122,524 | 7 | 107,349 | 7 | 92,170 |
| 1/4 | 1/4 | 211,251 | 1/4 | 197,392 | 1/4 | 182,857 | 1/4 | 167,728 | 1/4 | 152,555 | 1/4 | 137,381 | 1/4 | 122,208 | 1/4 | 107,033 | 1/4 | 91,854 | |
| 1/2 | 1/2 | 210,942 | 1/2 | 197,096 | 1/2 | 182,546 | 1/2 | 167,412 | 1/2 | 152,239 | 1/2 | 137,065 | 1/2 | 121,892 | 1/2 | 106,717 | 1/2 | 91,538 | |
| 3/4 | 3/4 | 210,632 | 3/4 | 196,801 | 3/4 | 182,235 | 3/4 | 167,096 | 3/4 | 151,922 | 3/4 | 136,749 | 3/4 | 121,575 | 3/4 | 106,400 | 3/4 | 91,222 | |
| 8 | | 8 | 210,322 | 8 | 196,506 | 8 | 181,924 | 8 | 166,780 | 8 | 151,606 | 8 | 136,433 | 8 | 121,259 | 8 | 106,084 | 8 | 90,905 |
| 1/4 | 1/4 | 210,029 | 1/4 | 196,210 | 1/4 | 181,611 | 1/4 | 166,464 | 1/4 | 151,290 | 1/4 | 136,117 | 1/4 | 120,943 | 1/4 | 105,768 | 1/4 | 90,589 | |
| 1/2 | 1/2 | 209,737 | 1/2 | 195,913 | 1/2 | 181,299 | 1/2 | 166,148 | 1/2 | 150,974 | 1/2 | 135,801 | 1/2 | 120,627 | 1/2 | 105,452 | 1/2 | 90,273 | |
| 3/4 | 3/4 | 209,444 | 3/4 | 195,616 | 3/4 | 180,987 | 3/4 | 165,831 | 3/4 | 150,658 | 3/4 | 135,484 | 3/4 | 120,311 | 3/4 | 105,136 | 3/4 | 89,957 | |
| 9 | | 9 | 209,151 | 9 | 195,320 | 9 | 180,674 | 9 | 165,515 | 9 | 150,342 | 9 | 135,168 | 9 | 119,995 | 9 | 104,819 | 9 | 89,640 |
| 1/4 | 1/4 | 208,871 | 1/4 | 195,022 | 1/4 | 180,361 | 1/4 | 165,199 | 1/4 | 150,026 | 1/4 | 134,852 | 1/4 | 119,679 | 1/4 | 104,503 | 1/4 | 89,324 | |
| 1/2 | 1/2 | 208,590 | 1/2 | 194,724 | 1/2 | 180,047 | 1/2 | 164,883 | 1/2 | 149,710 | 1/2 | 134,536 | 1/2 | 119,363 | 1/2 | 104,187 | 1/2 | 89,008 | |
| 3/4 | 3/4 | 208,310 | 3/4 | 194,426 | 3/4 | 179,733 | 3/4 | 164,567 | 3/4 | 149,394 | 3/4 | 134,220 | 3/4 | 119,047 | 3/4 | 103,871 | 3/4 | 88,692 | |
| 10 | | 10 | 208,029 | 10 | 194,129 | 10 | 179,419 | 10 | 164,251 | 10 | 149,077 | 10 | 133,904 | 10 | 118,730 | 10 | 103,554 | 10 | 88,376 |
| 1/4 | 1/4 | 207,747 | 1/4 | 193,829 | 1/4 | 179,104 | 1/4 | 163,935 | 1/4 | 148,761 | 1/4 | 133,588 | 1/4 | 118,414 | 1/4 | 103,238 | 1/4 | 88,059 | |
| 1/2 | 1/2 | 207,465 | 1/2 | 193,530 | 1/2 | 178,789 | 1/2 | 163,619 | 1/2 | 148,445 | 1/2 | 133,272 | 1/2 | 118,098 | 1/2 | 102,922 | 1/2 | 87,743 | |
| 3/4 | 3/4 | 207,183 | 3/4 | 193,231 | 3/4 | 178,474 | 3/4 | 163,303 | 3/4 | 148,129 | 3/4 | 132,956 | 3/4 | 117,782 | 3/4 | 102,606 | 3/4 | 87,427 | |
| 11 | | 11 | 206,901 | 11 | 192,932 | 11 | 178,159 | 11 | 162,986 | 11 | 147,813 | 11 | 132,639 | 11 | 117,466 | 11 | 102,290 | 11 | 87,111 |
| 1/4 | 1/4 | 206,617 | 1/4 | 192,632 | 1/4 | 177,843 | 1/4 | 162,670 | 1/4 | 147,497 | 1/4 | 132,323 | 1/4 | 117,150 | 1/4 | 101,973 | 1/4 | 86,794 | |
| 1/2 | 1/2 | 206,334 | 1/2 | 192,331 | 1/2 | 177,527 | 1/2 | 162,354 | 1/2 | 147,181 | 1/2 | 132,007 | 1/2 | 116,834 | 1/2 | 101,657 | 1/2 | 86,478 | |
| 3/4 | 3/4 | 206,051 | 3/4 | 192,031 | 3/4 | 177,211 | 3/4 | 162,038 | 3/4 | 146,865 | 3/4 | 131,691 | 3/4 | 116,518 | 3/4 | 101,341 | 3/4 | 86,162 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" 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 396"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

| 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 | 85,846 | 0 | 70,667 | 0 | 55,488 | 0 | 40,328 | 0 | 25,151 | 0 | 9,973 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 85,529 | 1/4 | 70,351 | 1/4 | 55,172 | 1/4 | 40,012 | 1/4 | 24,835 | 1/4 | 9,656 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 85,213 | 1/2 | 70,034 | 1/2 | 54,855 | 1/2 | 39,696 | 1/2 | 24,519 | 1/2 | 9,340 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 84,897 | 3/4 | 69,718 | 3/4 | 54,539 | 3/4 | 39,380 | 3/4 | 24,202 | 3/4 | 9,024 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 84,581 | 1 | 69,402 | 1 | 54,223 | 1 | 39,065 | 1 | 23,886 | 1 | 8,708 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 84,265 | 1/4 | 69,086 | 1/4 | 53,907 | 1/4 | 38,748 | 1/4 | 23,570 | 1/4 | 8,391 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 83,948 | 1/2 | 68,769 | 1/2 | 53,590 | 1/2 | 38,432 | 1/2 | 23,254 | 1/2 | 8,074 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 83,632 | 3/4 | 68,453 | 3/4 | 53,274 | 3/4 | 38,116 | 3/4 | 22,938 | 3/4 | 7,757 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 83,316 | 2 | 68,137 | 2 | 52,958 | 2 | 37,800 | 2 | 22,621 | 2 | 7,443 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 83,000 | 1/4 | 67,821 | 1/4 | 52,642 | 1/4 | 37,483 | 1/4 | 22,305 | 1/4 | 7,127 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 82,683 | 1/2 | 67,505 | 1/2 | 52,326 | 1/2 | 37,167 | 1/2 | 21,989 | 1/2 | 6,811 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 82,367 | 3/4 | 67,188 | 3/4 | 52,010 | 3/4 | 36,851 | 3/4 | 21,673 | 3/4 | 6,494 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 82,051 | 3 | 66,872 | 3 | 51,693 | 3 | 36,535 | 3 | 21,356 | 3 | 6,178 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 81,735 | 1/4 | 66,556 | 1/4 | 51,378 | 1/4 | 36,219 | 1/4 | 21,040 | 1/4 | 5,862 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 81,419 | 1/2 | 66,240 | 1/2 | 51,062 | 1/2 | 35,902 | 1/2 | 20,724 | 1/2 | 5,546 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 81,102 | 3/4 | 65,923 | 3/4 | 50,746 | 3/4 | 35,586 | 3/4 | 20,408 | 3/4 | 5,229 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 80,786 | 4 | 65,607 | 4 | 50,431 | 4 | 35,270 | 4 | 20,092 | 4 | 4,913 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 80,470 | 1/4 | 65,291 | 1/4 | 50,115 | 1/4 | 34,954 | 1/4 | 19,775 | 1/4 | 4,600 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 80,154 | 1/2 | 64,975 | 1/2 | 49,799 | 1/2 | 34,637 | 1/2 | 19,459 | 1/2 | 4,287 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 79,837 | 3/4 | 64,658 | 3/4 | 49,483 | 3/4 | 34,321 | 3/4 | 19,143 | 3/4 | 3,974 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 79,521 | 5 | 64,342 | 5 | 49,168 | 5 | 34,005 | 5 | 18,827 | 5 | 3,662 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 79,205 | 1/4 | 64,026 | 1/4 | 48,852 | 1/4 | 33,689 | 1/4 | 18,511 | 1/4 | 3,378 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 78,889 | 1/2 | 63,710 | 1/2 | 48,536 | 1/2 | 33,373 | 1/2 | 18,196 | 1/2 | 3,095 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 78,572 | 3/4 | 63,394 | 3/4 | 48,221 | 3/4 | 33,056 | 3/4 | 17,880 | 3/4 | 2,812 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 78,256 | 6 | 63,077 | 6 | 47,905 | 6 | 32,740 | 6 | 17,562 | 6 | 2,529 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 77,940 | 1/4 | 62,761 | 1/4 | 47,589 | 1/4 | 32,424 | 1/4 | 17,246 | 1/4 | 2,298 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 77,624 | 1/2 | 62,445 | 1/2 | 47,273 | 1/2 | 32,108 | 1/2 | 16,929 | 1/2 | 2,067 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 77,308 | 3/4 | 62,129 | 3/4 | 46,958 | 3/4 | 31,792 | 3/4 | 16,613 | 3/4 | 1,837 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 76,991 | 7 | 61,812 | 7 | 46,642 | 7 | 31,475 | 7 | 16,297 | 7 | 1,606 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 76,675 | 1/4 | 61,496 | 1/4 | 46,326 | 1/4 | 31,159 | 1/4 | 15,981 | 1/4 | 1,428 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 76,359 | 1/2 | 61,180 | 1/2 | 46,011 | 1/2 | 30,843 | 1/2 | 15,665 | 1/2 | 1,251 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 76,043 | 3/4 | 60,864 | 3/4 | 45,695 | 3/4 | 30,527 | 3/4 | 15,348 | 3/4 | 1,073 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 75,726 | 8 | 60,547 | 8 | 45,379 | 8 | 30,210 | 8 | 15,032 | 8 | 895 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 75,410 | 1/4 | 60,231 | 1/4 | 45,063 | 1/4 | 29,894 | 1/4 | 14,716 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 75,094 | 1/2 | 59,915 | 1/2 | 44,748 | 1/2 | 29,578 | 1/2 | 14,400 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 74,778 | 3/4 | 59,599 | 3/4 | 44,432 | 3/4 | 29,262 | 3/4 | 14,083 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 74,462 | 9 | 59,283 | 9 | 44,116 | 9 | 28,946 | 9 | 13,767 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 74,145 | 1/4 | 58,966 | 1/4 | 43,801 | 1/4 | 28,629 | 1/4 | 13,451 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 73,829 | 1/2 | 58,650 | 1/2 | 43,485 | 1/2 | 28,313 | 1/2 | 13,135 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 73,513 | 3/4 | 58,334 | 3/4 | 43,169 | 3/4 | 27,997 | 3/4 | 12,819 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 73,197 | 10 | 58,018 | 10 | 42,853 | 10 | 27,681 | 10 | 12,502 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 72,880 | 1/4 | 57,701 | 1/4 | 42,538 | 1/4 | 27,365 | 1/4 | 12,186 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 72,564 | 1/2 | 57,385 | 1/2 | 42,222 | 1/2 | 27,048 | 1/2 | 11,870 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 72,248 | 3/4 | 57,069 | 3/4 | 41,906 | 3/4 | 26,732 | 3/4 | 11,554 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 71,932 | 11 | 56,753 | 11 | 41,591 | 11 | 26,416 | 11 | 11,238 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 71,615 | 1/4 | 56,437 | 1/4 | 41,275 | 1/4 | 26,100 | 1/4 | 10,921 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 71,299 | 1/2 | 56,120 | 1/2 | 40,959 | 1/2 | 25,783 | 1/2 | 10,605 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 70,983 | 3/4 | 55,804 | 3/4 | 40,643 | 3/4 | 25,467 | 3/4 | 10,289 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 396"

2 STBD ULLAGE 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 | | 0 | 218,789 | 0 | 204,792 | 0 | 190,740 | 0 | 175,892 | 0 | 160,720 | 0 | 145,548 | 0 | 130,377 | 0 | 115,205 | 0 | 100,030 |
| 1/4 | 1/4 | 218,575 | 1/4 | 204,508 | 1/4 | 190,438 | 1/4 | 175,576 | 1/4 | 160,404 | 1/4 | 145,232 | 1/4 | 130,061 | 1/4 | 114,889 | 1/4 | 99,714 | |
| 1/2 | 1/2 | 218,360 | 1/2 | 204,223 | 1/2 | 190,136 | 1/2 | 175,259 | 1/2 | 160,088 | 1/2 | 144,916 | 1/2 | 129,745 | 1/2 | 114,573 | 1/2 | 99,398 | |
| 3/4 | 3/4 | 218,146 | 3/4 | 203,938 | 3/4 | 189,834 | 3/4 | 174,943 | 3/4 | 159,772 | 3/4 | 144,600 | 3/4 | 129,429 | 3/4 | 114,257 | 3/4 | 99,082 | |
| 1 | 1 | 217,881 | 1 | 203,653 | 1 | 189,531 | 1 | 174,627 | 1 | 159,456 | 1 | 144,284 | 1 | 129,112 | 1 | 113,941 | 1 | 98,766 | |
| 1/4 | 1/4 | 217,616 | 1/4 | 203,367 | 1/4 | 189,228 | 1/4 | 174,311 | 1/4 | 159,140 | 1/4 | 143,968 | 1/4 | 128,796 | 1/4 | 113,625 | 1/4 | 98,449 | |
| 1/2 | 1/2 | 217,351 | 1/2 | 203,081 | 1/2 | 188,925 | 1/2 | 173,995 | 1/2 | 158,824 | 1/2 | 143,652 | 1/2 | 128,480 | 1/2 | 113,309 | 1/2 | 98,133 | |
| 3/4 | 3/4 | 217,086 | 3/4 | 202,795 | 3/4 | 188,622 | 3/4 | 173,679 | 3/4 | 158,507 | 3/4 | 143,336 | 3/4 | 128,164 | 3/4 | 112,993 | 3/4 | 97,817 | |
| 2 | 2 | 216,780 | 2 | 202,508 | 2 | 188,317 | 2 | 173,363 | 2 | 158,191 | 2 | 143,020 | 2 | 127,848 | 2 | 112,677 | 2 | 97,501 | |
| 1/4 | 1/4 | 216,474 | 1/4 | 202,221 | 1/4 | 188,013 | 1/4 | 173,047 | 1/4 | 157,875 | 1/4 | 142,704 | 1/4 | 127,532 | 1/4 | 112,360 | 1/4 | 97,185 | |
| 1/2 | 1/2 | 216,168 | 1/2 | 201,934 | 1/2 | 187,709 | 1/2 | 172,731 | 1/2 | 157,559 | 1/2 | 142,388 | 1/2 | 127,216 | 1/2 | 112,044 | 1/2 | 96,868 | |
| 3/4 | 3/4 | 215,862 | 3/4 | 201,647 | 3/4 | 187,404 | 3/4 | 172,415 | 3/4 | 157,243 | 3/4 | 142,072 | 3/4 | 126,900 | 3/4 | 111,728 | 3/4 | 96,552 | |
| 3 | 3 | 215,550 | 3 | 201,358 | 3 | 187,098 | 3 | 172,099 | 3 | 156,927 | 3 | 141,755 | 3 | 126,584 | 3 | 111,412 | 3 | 96,236 | |
| 1/4 | 1/4 | 215,238 | 1/4 | 201,069 | 1/4 | 186,793 | 1/4 | 171,783 | 1/4 | 156,611 | 1/4 | 141,439 | 1/4 | 126,268 | 1/4 | 111,095 | 1/4 | 95,920 | |
| 1/2 | 1/2 | 214,926 | 1/2 | 200,781 | 1/2 | 186,487 | 1/2 | 171,467 | 1/2 | 156,295 | 1/2 | 141,123 | 1/2 | 125,952 | 1/2 | 110,778 | 1/2 | 95,604 | |
| 3/4 | 3/4 | 214,614 | 3/4 | 200,492 | 3/4 | 186,181 | 3/4 | 171,150 | 3/4 | 155,979 | 3/4 | 140,807 | 3/4 | 125,636 | 3/4 | 110,464 | 3/4 | 95,288 | |
| 4 | 4 | 214,302 | 4 | 200,202 | 4 | 185,874 | 4 | 170,834 | 4 | 155,663 | 4 | 140,491 | 4 | 125,320 | 4 | 110,148 | 4 | 94,971 | |
| 1/4 | 1/4 | 213,990 | 1/4 | 199,912 | 1/4 | 185,567 | 1/4 | 170,518 | 1/4 | 155,347 | 1/4 | 140,175 | 1/4 | 125,003 | 1/4 | 109,832 | 1/4 | 94,655 | |
| 1/2 | 1/2 | 213,678 | 1/2 | 199,622 | 1/2 | 185,260 | 1/2 | 170,202 | 1/2 | 155,031 | 1/2 | 139,859 | 1/2 | 124,687 | 1/2 | 109,516 | 1/2 | 94,339 | |
| 3/4 | 3/4 | 213,366 | 3/4 | 199,332 | 3/4 | 184,953 | 3/4 | 169,886 | 3/4 | 154,715 | 3/4 | 139,543 | 3/4 | 124,371 | 3/4 | 109,200 | 3/4 | 94,023 | |
| 5 | 5 | 213,054 | 5 | 199,041 | 5 | 184,644 | 5 | 169,570 | 5 | 154,398 | 5 | 139,227 | 5 | 124,055 | 5 | 108,884 | 5 | 93,707 | |
| 1/4 | 1/4 | 212,742 | 1/4 | 198,750 | 1/4 | 184,336 | 1/4 | 169,254 | 1/4 | 154,082 | 1/4 | 138,911 | 1/4 | 123,739 | 1/4 | 108,568 | 1/4 | 93,390 | |
| 1/2 | 1/2 | 212,430 | 1/2 | 198,459 | 1/2 | 184,027 | 1/2 | 168,938 | 1/2 | 153,766 | 1/2 | 138,595 | 1/2 | 123,423 | 1/2 | 108,251 | 1/2 | 93,074 | |
| 3/4 | 3/4 | 212,118 | 3/4 | 198,168 | 3/4 | 183,719 | 3/4 | 168,622 | 3/4 | 153,450 | 3/4 | 138,279 | 3/4 | 123,107 | 3/4 | 107,935 | 3/4 | 92,758 | |
| 6 | 6 | 211,806 | 6 | 197,875 | 6 | 183,409 | 6 | 168,306 | 6 | 153,134 | 6 | 137,963 | 6 | 122,791 | 6 | 107,619 | 6 | 92,442 | |
| 1/4 | 1/4 | 211,494 | 1/4 | 197,582 | 1/4 | 183,099 | 1/4 | 167,990 | 1/4 | 152,818 | 1/4 | 137,646 | 1/4 | 122,475 | 1/4 | 107,303 | 1/4 | 92,126 | |
| 1/2 | 1/2 | 211,182 | 1/2 | 197,290 | 1/2 | 182,790 | 1/2 | 167,674 | 1/2 | 152,502 | 1/2 | 137,330 | 1/2 | 122,159 | 1/2 | 106,987 | 1/2 | 91,809 | |
| 3/4 | 3/4 | 210,870 | 3/4 | 196,997 | 3/4 | 182,480 | 3/4 | 167,358 | 3/4 | 152,186 | 3/4 | 137,014 | 3/4 | 121,843 | 3/4 | 106,670 | 3/4 | 91,493 | |
| 7 | 7 | 210,561 | 7 | 196,702 | 7 | 182,169 | 7 | 167,042 | 7 | 151,870 | 7 | 136,698 | 7 | 121,527 | 7 | 106,354 | 7 | 91,177 | |
| 1/4 | 1/4 | 210,251 | 1/4 | 196,407 | 1/4 | 181,858 | 1/4 | 166,725 | 1/4 | 151,554 | 1/4 | 136,382 | 1/4 | 121,211 | 1/4 | 106,038 | 1/4 | 90,861 | |
| 1/2 | 1/2 | 209,941 | 1/2 | 196,112 | 1/2 | 181,547 | 1/2 | 166,409 | 1/2 | 151,238 | 1/2 | 136,066 | 1/2 | 120,894 | 1/2 | 105,722 | 1/2 | 90,545 | |
| 3/4 | 3/4 | 209,631 | 3/4 | 195,816 | 3/4 | 181,236 | 3/4 | 166,093 | 3/4 | 150,922 | 3/4 | 135,750 | 3/4 | 120,578 | 3/4 | 105,406 | 3/4 | 90,228 | |
| 8 | 8 | 209,339 | 8 | 195,520 | 8 | 180,923 | 8 | 165,777 | 8 | 150,606 | 8 | 135,434 | 8 | 120,262 | 8 | 105,090 | 8 | 89,912 | |
| 1/4 | 1/4 | 209,046 | 1/4 | 195,223 | 1/4 | 180,611 | 1/4 | 165,461 | 1/4 | 150,290 | 1/4 | 135,118 | 1/4 | 119,946 | 1/4 | 104,773 | 1/4 | 89,596 | |
| 1/2 | 1/2 | 208,753 | 1/2 | 194,927 | 1/2 | 180,299 | 1/2 | 165,145 | 1/2 | 149,973 | 1/2 | 134,802 | 1/2 | 119,630 | 1/2 | 104,457 | 1/2 | 89,280 | |
| 3/4 | 3/4 | 208,461 | 3/4 | 194,630 | 3/4 | 179,986 | 3/4 | 164,829 | 3/4 | 149,657 | 3/4 | 134,486 | 3/4 | 119,314 | 3/4 | 104,141 | 3/4 | 88,964 | |
| 9 | 9 | 208,180 | 9 | 194,332 | 9 | 179,673 | 9 | 164,513 | 9 | 149,341 | 9 | 134,170 | 9 | 118,998 | 9 | 103,825 | 9 | 88,647 | |
| 1/4 | 1/4 | 207,900 | 1/4 | 194,035 | 1/4 | 179,359 | 1/4 | 164,197 | 1/4 | 149,025 | 1/4 | 133,854 | 1/4 | 118,682 | 1/4 | 103,509 | 1/4 | 88,331 | |
| 1/2 | 1/2 | 207,619 | 1/2 | 193,737 | 1/2 | 179,045 | 1/2 | 163,881 | 1/2 | 148,709 | 1/2 | 133,537 | 1/2 | 118,366 | 1/2 | 103,192 | 1/2 | 88,015 | |
| 3/4 | 3/4 | 207,338 | 3/4 | 193,439 | 3/4 | 178,731 | 3/4 | 163,565 | 3/4 | 148,393 | 3/4 | 133,221 | 3/4 | 118,050 | 3/4 | 102,876 | 3/4 | 87,699 | |
| 10 | 10 | 207,056 | 10 | 193,140 | 10 | 178,416 | 10 | 163,249 | 10 | 148,077 | 10 | 132,905 | 10 | 117,734 | 10 | 102,560 | 10 | 87,383 | |
| 1/4 | 1/4 | 206,774 | 1/4 | 192,841 | 1/4 | 178,101 | 1/4 | 162,933 | 1/4 | 147,761 | 1/4 | 132,589 | 1/4 | 117,418 | 1/4 | 102,244 | 1/4 | 87,067 | |
| 1/2 | 1/2 | 206,492 | 1/2 | 192,542 | 1/2 | 177,786 | 1/2 | 162,616 | 1/2 | 147,445 | 1/2 | 132,273 | 1/2 | 117,102 | 1/2 | 101,928 | 1/2 | 86,750 | |
| 3/4 | 3/4 | 206,210 | 3/4 | 192,243 | 3/4 | 177,471 | 3/4 | 162,300 | 3/4 | 147,129 | 3/4 | 131,957 | 3/4 | 116,785 | 3/4 | 101,611 | 3/4 | 86,434 | |
| 11 | 11 | 205,927 | 11 | 191,943 | 11 | 177,155 | 11 | 161,984 | 11 | 146,813 | 11 | 131,641 | 11 | 116,470 | 11 | 101,295 | 11 | 86,118 | |
| 1/4 | 1/4 | 205,644 | 1/4 | 191,642 | 1/4 | 176,839 | 1/4 | 161,668 | 1/4 | 146,497 | 1/4 | 131,325 | 1/4 | 116,154 | 1/4 | 100,979 | 1/4 | 85,802 | |
| 1/2 | 1/2 | 205,360 | 1/2 | 191,342 | 1/2 | 176,524 | 1/2 | 161,352 | 1/2 | 146,181 | 1/2 | 131,009 | 1/2 | 115,839 | 1/2 | 100,663 | 1/2 | 85,486 | |
| 3/4 | 3/4 | 205,077 | 3/4 | 191,042 | 3/4 | 176,208 | 3/4 | 161,036 | 3/4 | 145,864 | 3/4 | 130,693 | 3/4 | 115,521 | 3/4 | 100,347 | 3/4 | 85,169 | |

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'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
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BARGE "CBC 396"

2 STBD 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 | 84,853 | 0 | 69,676 | 0 | 54,499 | 0 | 39,917 | 0 | 24,832 | 0 | 9,656 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 84,537 | 1/4 | 69,360 | 1/4 | 54,182 | 1/4 | 39,615 | 1/4 | 24,516 | 1/4 | 9,339 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 84,221 | 1/2 | 69,044 | 1/2 | 53,866 | 1/2 | 39,313 | 1/2 | 24,200 | 1/2 | 9,023 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 83,905 | 3/4 | 68,727 | 3/4 | 53,550 | 3/4 | 39,012 | 3/4 | 23,884 | 3/4 | 8,707 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 83,588 | 1 | 68,411 | 1 | 53,236 | 1 | 38,708 | 1 | 23,567 | 1 | 8,390 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 83,272 | 1/4 | 68,095 | 1/4 | 52,921 | 1/4 | 38,404 | 1/4 | 23,251 | 1/4 | 8,073 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 82,956 | 1/2 | 67,779 | 1/2 | 52,607 | 1/2 | 38,100 | 1/2 | 22,935 | 1/2 | 7,756 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 82,640 | 3/4 | 67,463 | 3/4 | 52,292 | 3/4 | 37,796 | 3/4 | 22,619 | 3/4 | 7,442 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 82,324 | 2 | 67,146 | 2 | 51,990 | 2 | 37,479 | 2 | 22,303 | 2 | 7,126 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 82,007 | 1/4 | 66,830 | 1/4 | 51,688 | 1/4 | 37,163 | 1/4 | 21,987 | 1/4 | 6,810 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 81,691 | 1/2 | 66,514 | 1/2 | 51,386 | 1/2 | 36,847 | 1/2 | 21,670 | 1/2 | 6,494 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 81,375 | 3/4 | 66,198 | 3/4 | 51,083 | 3/4 | 36,531 | 3/4 | 21,354 | 3/4 | 6,178 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 81,059 | 3 | 65,882 | 3 | 50,782 | 3 | 36,215 | 3 | 21,038 | 3 | 5,861 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 80,743 | 1/4 | 65,565 | 1/4 | 50,480 | 1/4 | 35,898 | 1/4 | 20,722 | 1/4 | 5,545 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 80,426 | 1/2 | 65,249 | 1/2 | 50,178 | 1/2 | 35,582 | 1/2 | 20,406 | 1/2 | 5,229 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 80,110 | 3/4 | 64,933 | 3/4 | 49,876 | 3/4 | 35,266 | 3/4 | 20,089 | 3/4 | 4,913 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 79,794 | 4 | 64,617 | 4 | 49,574 | 4 | 34,950 | 4 | 19,773 | 4 | 4,600 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 79,478 | 1/4 | 64,301 | 1/4 | 49,273 | 1/4 | 34,634 | 1/4 | 19,457 | 1/4 | 4,287 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 79,162 | 1/2 | 63,984 | 1/2 | 48,971 | 1/2 | 34,318 | 1/2 | 19,141 | 1/2 | 3,974 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 78,845 | 3/4 | 63,668 | 3/4 | 48,669 | 3/4 | 34,001 | 3/4 | 18,825 | 3/4 | 3,661 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 78,529 | 5 | 63,352 | 5 | 48,367 | 5 | 33,685 | 5 | 18,509 | 5 | 3,378 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 78,213 | 1/4 | 63,036 | 1/4 | 48,065 | 1/4 | 33,369 | 1/4 | 18,194 | 1/4 | 3,095 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 77,897 | 1/2 | 62,720 | 1/2 | 47,764 | 1/2 | 33,053 | 1/2 | 17,879 | 1/2 | 2,812 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 77,581 | 3/4 | 62,403 | 3/4 | 47,462 | 3/4 | 32,737 | 3/4 | 17,560 | 3/4 | 2,528 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 77,265 | 6 | 62,087 | 6 | 47,160 | 6 | 32,420 | 6 | 17,244 | 6 | 2,298 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 76,948 | 1/4 | 61,771 | 1/4 | 46,858 | 1/4 | 32,104 | 1/4 | 16,928 | 1/4 | 2,067 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 76,632 | 1/2 | 61,455 | 1/2 | 46,556 | 1/2 | 31,788 | 1/2 | 16,611 | 1/2 | 1,837 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 76,316 | 3/4 | 61,139 | 3/4 | 46,255 | 3/4 | 31,472 | 3/4 | 16,295 | 3/4 | 1,606 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 76,000 | 7 | 60,822 | 7 | 45,953 | 7 | 31,156 | 7 | 15,979 | 7 | 1,428 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 75,684 | 1/4 | 60,506 | 1/4 | 45,651 | 1/4 | 30,840 | 1/4 | 15,663 | 1/4 | 1,251 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 75,367 | 1/2 | 60,190 | 1/2 | 45,349 | 1/2 | 30,523 | 1/2 | 15,347 | 1/2 | 1,073 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 75,051 | 3/4 | 59,874 | 3/4 | 45,048 | 3/4 | 30,207 | 3/4 | 15,031 | 3/4 | 895 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 74,735 | 8 | 59,558 | 8 | 44,746 | 8 | 29,891 | 8 | 14,714 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 74,419 | 1/4 | 59,242 | 1/4 | 44,444 | 1/4 | 29,575 | 1/4 | 14,398 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 74,103 | 1/2 | 58,925 | 1/2 | 44,142 | 1/2 | 29,259 | 1/2 | 14,082 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 73,786 | 3/4 | 58,609 | 3/4 | 43,840 | 3/4 | 28,942 | 3/4 | 13,766 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 73,470 | 9 | 58,293 | 9 | 43,539 | 9 | 28,626 | 9 | 13,450 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 73,154 | 1/4 | 57,977 | 1/4 | 43,237 | 1/4 | 28,310 | 1/4 | 13,134 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 72,838 | 1/2 | 57,661 | 1/2 | 42,935 | 1/2 | 27,994 | 1/2 | 12,817 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 72,522 | 3/4 | 57,344 | 3/4 | 42,633 | 3/4 | 27,678 | 3/4 | 12,501 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 72,205 | 10 | 57,028 | 10 | 42,331 | 10 | 27,362 | 10 | 12,185 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 71,889 | 1/4 | 56,712 | 1/4 | 42,030 | 1/4 | 27,045 | 1/4 | 11,869 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 71,573 | 1/2 | 56,396 | 1/2 | 41,728 | 1/2 | 26,729 | 1/2 | 11,553 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 71,257 | 3/4 | 56,080 | 3/4 | 41,426 | 3/4 | 26,413 | 3/4 | 11,236 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 70,941 | 11 | 55,763 | 11 | 41,124 | 11 | 26,097 | 11 | 10,920 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 70,624 | 1/4 | 55,447 | 1/4 | 40,822 | 1/4 | 25,781 | 1/4 | 10,604 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 70,308 | 1/2 | 55,131 | 1/2 | 40,521 | 1/2 | 25,464 | 1/2 | 10,288 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 69,992 | 3/4 | 54,815 | 3/4 | 40,219 | 3/4 | 25,148 | 3/4 | 9,972 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 396"

3 PORT ULLAGE 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 | 0 | 0 | 177,856 | 0 | 170,866 | 0 | 163,096 | 0 | 154,958 | 0 | 146,461 | 0 | 131,428 | 0 | 116,344 | 0 | 101,233 | | |
| 1/4 | 1/4 | 1/4 | 177,719 | 1/4 | 170,713 | 1/4 | 162,926 | 1/4 | 154,789 | 1/4 | 146,147 | 1/4 | 131,114 | 1/4 | 116,029 | 1/4 | 100,918 | | |
| 1/2 | 1/2 | 184,551 | 177,581 | 1/2 | 170,559 | 1/2 | 162,757 | 1/2 | 154,619 | 1/2 | 145,834 | 1/2 | 130,800 | 1/2 | 115,714 | 1/2 | 100,603 | | |
| 3/4 | 3/4 | 184,482 | 177,442 | 3/4 | 170,403 | 3/4 | 162,588 | 3/4 | 154,450 | 3/4 | 145,520 | 3/4 | 130,486 | 3/4 | 115,399 | 3/4 | 100,288 | | |
| 1 | 1 | 184,412 | 177,304 | 1 | 170,248 | 1 | 162,418 | 1 | 154,280 | 1 | 145,207 | 1 | 130,171 | 1 | 115,084 | 1 | 99,974 | | |
| 1/4 | 1/4 | 184,343 | 177,165 | 1/4 | 170,093 | 1/4 | 162,248 | 1/4 | 154,111 | 1/4 | 144,893 | 1/4 | 129,857 | 1/4 | 114,770 | 1/4 | 99,659 | | |
| 1/2 | 1/2 | 184,273 | 177,026 | 1/2 | 169,938 | 1/2 | 162,079 | 1/2 | 153,941 | 1/2 | 144,580 | 1/2 | 129,543 | 1/2 | 114,455 | 1/2 | 99,344 | | |
| 3/4 | 3/4 | 184,153 | 176,886 | 3/4 | 169,781 | 3/4 | 161,909 | 3/4 | 153,771 | 3/4 | 144,266 | 3/4 | 129,229 | 3/4 | 114,140 | 3/4 | 99,029 | | |
| 2 | 2 | 184,032 | 176,746 | 2 | 169,624 | 2 | 161,740 | 2 | 153,602 | 2 | 143,953 | 2 | 128,915 | 2 | 113,825 | 2 | 98,714 | | |
| 1/4 | 1/4 | 183,911 | 176,606 | 1/4 | 169,468 | 1/4 | 161,570 | 1/4 | 153,432 | 1/4 | 143,639 | 1/4 | 128,600 | 1/4 | 113,511 | 1/4 | 98,399 | | |
| 1/2 | 1/2 | 183,791 | 176,466 | 1/2 | 169,311 | 1/2 | 161,401 | 1/2 | 153,263 | 1/2 | 143,326 | 1/2 | 128,286 | 1/2 | 113,196 | 1/2 | 98,085 | | |
| 3/4 | 3/4 | 183,629 | 176,325 | 3/4 | 169,153 | 3/4 | 161,231 | 3/4 | 153,093 | 3/4 | 143,013 | 3/4 | 127,972 | 3/4 | 112,881 | 3/4 | 97,770 | | |
| 3 | 3 | 183,467 | 176,183 | 3 | 168,995 | 3 | 161,062 | 3 | 152,924 | 3 | 142,699 | 3 | 127,658 | 3 | 112,566 | 3 | 97,455 | | |
| 1/4 | 1/4 | 183,306 | 176,042 | 1/4 | 168,837 | 1/4 | 160,892 | 1/4 | 152,754 | 1/4 | 142,386 | 1/4 | 127,343 | 1/4 | 112,251 | 1/4 | 97,140 | | |
| 1/2 | 1/2 | 183,144 | 175,901 | 1/2 | 168,679 | 1/2 | 160,723 | 1/2 | 152,585 | 1/2 | 142,072 | 1/2 | 127,029 | 1/2 | 111,937 | 1/2 | 96,825 | | |
| 3/4 | 3/4 | 182,977 | 175,758 | 3/4 | 168,520 | 3/4 | 160,553 | 3/4 | 152,415 | 3/4 | 141,759 | 3/4 | 126,715 | 3/4 | 111,622 | 3/4 | 96,511 | | |
| 4 | 4 | 182,809 | 175,615 | 4 | 168,361 | 4 | 160,384 | 4 | 152,246 | 4 | 141,445 | 4 | 126,401 | 4 | 111,307 | 4 | 96,196 | | |
| 1/4 | 1/4 | 182,642 | 175,472 | 1/4 | 168,202 | 1/4 | 160,214 | 1/4 | 152,076 | 1/4 | 141,132 | 1/4 | 126,086 | 1/4 | 110,992 | 1/4 | 95,881 | | |
| 1/2 | 1/2 | 182,475 | 175,330 | 1/2 | 168,042 | 1/2 | 160,044 | 1/2 | 151,907 | 1/2 | 140,818 | 1/2 | 125,772 | 1/2 | 110,678 | 1/2 | 95,566 | | |
| 3/4 | 3/4 | 182,307 | 175,186 | 3/4 | 167,882 | 3/4 | 159,875 | 3/4 | 151,737 | 3/4 | 140,505 | 3/4 | 125,458 | 3/4 | 110,363 | 3/4 | 95,251 | | |
| 5 | 5 | 182,140 | 175,042 | 5 | 167,721 | 5 | 159,705 | 5 | 151,567 | 5 | 140,192 | 5 | 125,144 | 5 | 110,048 | 5 | 94,936 | | |
| 1/4 | 1/4 | 181,973 | 174,897 | 1/4 | 167,561 | 1/4 | 159,536 | 1/4 | 151,398 | 1/4 | 139,878 | 1/4 | 124,829 | 1/4 | 109,733 | 1/4 | 94,622 | | |
| 1/2 | 1/2 | 181,805 | 174,753 | 1/2 | 167,400 | 1/2 | 159,366 | 1/2 | 151,228 | 1/2 | 139,565 | 1/2 | 124,515 | 1/2 | 109,419 | 1/2 | 94,307 | | |
| 3/4 | 3/4 | 181,638 | 174,608 | 3/4 | 167,238 | 3/4 | 159,197 | 3/4 | 151,059 | 3/4 | 139,252 | 3/4 | 124,201 | 3/4 | 109,104 | 3/4 | 93,992 | | |
| 6 | 6 | 181,471 | 174,463 | 6 | 167,076 | 6 | 159,027 | 6 | 150,889 | 6 | 138,939 | 6 | 123,887 | 6 | 108,789 | 6 | 93,677 | | |
| 1/4 | 1/4 | 181,303 | 174,317 | 1/4 | 166,914 | 1/4 | 158,858 | 1/4 | 150,720 | 1/4 | 138,626 | 1/4 | 123,573 | 1/4 | 108,474 | 1/4 | 93,362 | | |
| 1/2 | 1/2 | 181,136 | 174,172 | 1/2 | 166,752 | 1/2 | 158,688 | 1/2 | 150,550 | 1/2 | 138,314 | 1/2 | 123,258 | 1/2 | 108,159 | 1/2 | 93,047 | | |
| 3/4 | 3/4 | 180,969 | 174,025 | 3/4 | 166,589 | 3/4 | 158,519 | 3/4 | 150,381 | 3/4 | 138,001 | 3/4 | 122,944 | 3/4 | 107,844 | 3/4 | 92,733 | | |
| 7 | 7 | 180,802 | 173,878 | 7 | 166,425 | 7 | 158,349 | 7 | 150,211 | 7 | 137,688 | 7 | 122,630 | 7 | 107,530 | 7 | 92,418 | | |
| 1/4 | 1/4 | 180,634 | 173,732 | 1/4 | 166,262 | 1/4 | 158,180 | 1/4 | 150,042 | 1/4 | 137,375 | 1/4 | 122,316 | 1/4 | 107,215 | 1/4 | 92,103 | | |
| 1/2 | 1/2 | 180,467 | 173,585 | 1/2 | 166,099 | 1/2 | 158,010 | 1/2 | 149,872 | 1/2 | 137,062 | 1/2 | 122,001 | 1/2 | 106,900 | 1/2 | 91,788 | | |
| 3/4 | 3/4 | 180,302 | 173,436 | 3/4 | 165,934 | 3/4 | 157,840 | 3/4 | 149,703 | 3/4 | 136,750 | 3/4 | 121,687 | 3/4 | 106,585 | 3/4 | 91,473 | | |
| 8 | 8 | 180,137 | 173,287 | 8 | 165,770 | 8 | 157,671 | 8 | 149,533 | 8 | 136,437 | 8 | 121,373 | 8 | 106,270 | 8 | 91,158 | | |
| 1/4 | 1/4 | 179,971 | 173,139 | 1/4 | 165,605 | 1/4 | 157,501 | 1/4 | 149,363 | 1/4 | 136,124 | 1/4 | 121,059 | 1/4 | 105,955 | 1/4 | 90,844 | | |
| 1/2 | 1/2 | 179,806 | 172,990 | 1/2 | 165,441 | 1/2 | 157,332 | 1/2 | 149,194 | 1/2 | 135,811 | 1/2 | 120,744 | 1/2 | 105,641 | 1/2 | 90,529 | | |
| 3/4 | 3/4 | 179,658 | 172,840 | 3/4 | 165,275 | 3/4 | 157,162 | 3/4 | 149,024 | 3/4 | 135,498 | 3/4 | 120,430 | 3/4 | 105,326 | 3/4 | 90,214 | | |
| 9 | 9 | 179,511 | 172,690 | 9 | 165,109 | 9 | 156,993 | 9 | 148,855 | 9 | 135,186 | 9 | 120,116 | 9 | 105,011 | 9 | 89,899 | | |
| 1/4 | 1/4 | 179,363 | 172,540 | 1/4 | 164,943 | 1/4 | 156,823 | 1/4 | 148,685 | 1/4 | 134,873 | 1/4 | 119,802 | 1/4 | 104,696 | 1/4 | 89,584 | | |
| 1/2 | 1/2 | 179,215 | 172,390 | 1/2 | 164,778 | 1/2 | 156,654 | 1/2 | 148,516 | 1/2 | 134,560 | 1/2 | 119,487 | 1/2 | 104,381 | 1/2 | 89,269 | | |
| 3/4 | 3/4 | 179,080 | 172,238 | 3/4 | 164,610 | 3/4 | 156,484 | 3/4 | 148,346 | 3/4 | 134,247 | 3/4 | 119,173 | 3/4 | 104,066 | 3/4 | 88,955 | | |
| 10 | 10 | 178,945 | 172,087 | 10 | 164,443 | 10 | 156,315 | 10 | 148,177 | 10 | 133,934 | 10 | 118,859 | 10 | 103,752 | 10 | 88,640 | | |
| 1/4 | 1/4 | 178,811 | 171,936 | 1/4 | 164,276 | 1/4 | 156,145 | 1/4 | 148,007 | 1/4 | 133,622 | 1/4 | 118,545 | 1/4 | 103,437 | 1/4 | 88,325 | | |
| 1/2 | 1/2 | 178,676 | 171,784 | 1/2 | 164,109 | 1/2 | 155,976 | 1/2 | 147,838 | 1/2 | 133,309 | 1/2 | 118,231 | 1/2 | 103,122 | 1/2 | 88,010 | | |
| 3/4 | 3/4 | 178,540 | 171,632 | 3/4 | 163,940 | 3/4 | 155,806 | 3/4 | 147,650 | 3/4 | 132,996 | 3/4 | 117,916 | 3/4 | 102,807 | 3/4 | 87,695 | | |
| 11 | 11 | 178,404 | 171,479 | 11 | 163,772 | 11 | 155,636 | 11 | 147,463 | 11 | 132,683 | 11 | 117,602 | 11 | 102,492 | 11 | 87,380 | | |
| 1/4 | 1/4 | 178,268 | 171,327 | 1/4 | 163,603 | 1/4 | 155,467 | 1/4 | 147,275 | 1/4 | 132,370 | 1/4 | 117,288 | 1/4 | 102,177 | 1/4 | 87,066 | | |
| 1/2 | 1/2 | 178,131 | 171,174 | 1/2 | 163,434 | 1/2 | 155,297 | 1/2 | 147,087 | 1/2 | 132,057 | 1/2 | 116,973 | 1/2 | 101,863 | 1/2 | 86,751 | | |
| 3/4 | 3/4 | 177,994 | 171,020 | 3/4 | 163,265 | 3/4 | 155,128 | 3/4 | 146,774 | 3/4 | 131,743 | 3/4 | 116,658 | 3/4 | 101,548 | 3/4 | 86,436 | | |

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'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 396"

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 | 86,121 | 0 | 71,006 | 0 | 55,890 | 0 | 40,787 | 0 | 25,676 | 0 | 10,561 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 85,806 | 1/4 | 70,691 | 1/4 | 55,575 | 1/4 | 40,473 | 1/4 | 25,361 | 1/4 | 10,246 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 85,491 | 1/2 | 70,376 | 1/2 | 55,260 | 1/2 | 40,158 | 1/2 | 25,046 | 1/2 | 9,931 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 85,177 | 3/4 | 70,061 | 3/4 | 54,946 | 3/4 | 39,844 | 3/4 | 24,731 | 3/4 | 9,616 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 84,862 | 1 | 69,746 | 1 | 54,631 | 1 | 39,529 | 1 | 24,416 | 1 | 9,301 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 84,547 | 1/4 | 69,431 | 1/4 | 54,316 | 1/4 | 39,215 | 1/4 | 24,101 | 1/4 | 8,986 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 84,232 | 1/2 | 69,116 | 1/2 | 54,001 | 1/2 | 38,900 | 1/2 | 23,786 | 1/2 | 8,671 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 83,917 | 3/4 | 68,801 | 3/4 | 53,686 | 3/4 | 38,586 | 3/4 | 23,471 | 3/4 | 8,356 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 83,602 | 2 | 68,487 | 2 | 53,371 | 2 | 38,271 | 2 | 23,157 | 2 | 8,040 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 83,287 | 1/4 | 68,172 | 1/4 | 53,056 | 1/4 | 37,956 | 1/4 | 22,842 | 1/4 | 7,725 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 82,972 | 1/2 | 67,857 | 1/2 | 52,741 | 1/2 | 37,642 | 1/2 | 22,527 | 1/2 | 7,412 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 82,657 | 3/4 | 67,542 | 3/4 | 52,426 | 3/4 | 37,327 | 3/4 | 22,212 | 3/4 | 7,097 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 82,342 | 3 | 67,227 | 3 | 52,111 | 3 | 37,012 | 3 | 21,897 | 3 | 6,782 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 82,028 | 1/4 | 66,912 | 1/4 | 51,797 | 1/4 | 36,697 | 1/4 | 21,582 | 1/4 | 6,467 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 81,713 | 1/2 | 66,597 | 1/2 | 51,482 | 1/2 | 36,382 | 1/2 | 21,267 | 1/2 | 6,152 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 81,398 | 3/4 | 66,282 | 3/4 | 51,167 | 3/4 | 36,067 | 3/4 | 20,952 | 3/4 | 5,837 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 81,083 | 4 | 65,967 | 4 | 50,852 | 4 | 35,752 | 4 | 20,637 | 4 | 5,523 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 80,768 | 1/4 | 65,652 | 1/4 | 50,537 | 1/4 | 35,437 | 1/4 | 20,323 | 1/4 | 5,208 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 80,453 | 1/2 | 65,337 | 1/2 | 50,223 | 1/2 | 35,123 | 1/2 | 20,008 | 1/2 | 4,893 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 80,138 | 3/4 | 65,023 | 3/4 | 49,908 | 3/4 | 34,808 | 3/4 | 19,693 | 3/4 | 4,581 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 79,823 | 5 | 64,708 | 5 | 49,594 | 5 | 34,493 | 5 | 19,378 | 5 | 4,270 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 79,508 | 1/4 | 64,393 | 1/4 | 49,279 | 1/4 | 34,178 | 1/4 | 19,063 | 1/4 | 3,958 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 79,193 | 1/2 | 64,078 | 1/2 | 48,965 | 1/2 | 33,863 | 1/2 | 18,748 | 1/2 | 3,646 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 78,878 | 3/4 | 63,763 | 3/4 | 48,650 | 3/4 | 33,548 | 3/4 | 18,434 | 3/4 | 3,364 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 78,564 | 6 | 63,448 | 6 | 48,336 | 6 | 33,233 | 6 | 18,120 | 6 | 3,082 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 78,249 | 1/4 | 63,133 | 1/4 | 48,021 | 1/4 | 32,918 | 1/4 | 17,806 | 1/4 | 2,800 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 77,934 | 1/2 | 62,818 | 1/2 | 47,707 | 1/2 | 32,603 | 1/2 | 17,488 | 1/2 | 2,518 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 77,619 | 3/4 | 62,503 | 3/4 | 47,392 | 3/4 | 32,289 | 3/4 | 17,174 | 3/4 | 2,288 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 77,304 | 7 | 62,188 | 7 | 47,078 | 7 | 31,974 | 7 | 16,859 | 7 | 2,059 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 76,989 | 1/4 | 61,873 | 1/4 | 46,763 | 1/4 | 31,659 | 1/4 | 16,544 | 1/4 | 1,829 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 76,674 | 1/2 | 61,559 | 1/2 | 46,449 | 1/2 | 31,344 | 1/2 | 16,229 | 1/2 | 1,600 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 76,359 | 3/4 | 61,244 | 3/4 | 46,134 | 3/4 | 31,029 | 3/4 | 15,914 | 3/4 | 1,423 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 76,044 | 8 | 60,929 | 8 | 45,820 | 8 | 30,714 | 8 | 15,599 | 8 | 1,245 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 75,729 | 1/4 | 60,614 | 1/4 | 45,505 | 1/4 | 30,399 | 1/4 | 15,284 | 1/4 | 1,068 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 75,414 | 1/2 | 60,299 | 1/2 | 45,190 | 1/2 | 30,084 | 1/2 | 14,969 | 1/2 | 892 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 75,100 | 3/4 | 59,984 | 3/4 | 44,876 | 3/4 | 29,769 | 3/4 | 14,654 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 74,785 | 9 | 59,669 | 9 | 44,561 | 9 | 29,454 | 9 | 14,340 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 74,470 | 1/4 | 59,354 | 1/4 | 44,247 | 1/4 | 29,140 | 1/4 | 14,025 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 74,155 | 1/2 | 59,039 | 1/2 | 43,932 | 1/2 | 28,825 | 1/2 | 13,710 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 73,840 | 3/4 | 58,724 | 3/4 | 43,618 | 3/4 | 28,510 | 3/4 | 13,395 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 73,525 | 10 | 58,410 | 10 | 43,303 | 10 | 28,195 | 10 | 13,080 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 73,210 | 1/4 | 58,095 | 1/4 | 42,989 | 1/4 | 27,880 | 1/4 | 12,765 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 72,895 | 1/2 | 57,780 | 1/2 | 42,674 | 1/2 | 27,565 | 1/2 | 12,450 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 72,580 | 3/4 | 57,465 | 3/4 | 42,360 | 3/4 | 27,250 | 3/4 | 12,135 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 72,265 | 11 | 57,150 | 11 | 42,045 | 11 | 26,935 | 11 | 11,820 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 71,951 | 1/4 | 56,835 | 1/4 | 41,731 | 1/4 | 26,620 | 1/4 | 11,506 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 71,636 | 1/2 | 56,520 | 1/2 | 41,416 | 1/2 | 26,306 | 1/2 | 11,191 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 71,321 | 3/4 | 56,205 | 3/4 | 41,102 | 3/4 | 25,991 | 3/4 | 10,876 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2014 CL
CALCULATED: 12/16/2014 CL
PRINTED: 12/18/20014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 396"

3 STBD

ULLAGE 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 | | 0 | 183,375 | 0 | 176,363 | 0 | 169,350 | 0 | 161,561 | 0 | 153,449 | 0 | 144,545 | 0 | 129,534 | 0 | 114,477 | 0 | 99,390 |
| 1/4 | | 1/4 | 183,306 | 1/4 | 176,225 | 1/4 | 169,196 | 1/4 | 161,392 | 1/4 | 153,280 | 1/4 | 144,232 | 1/4 | 129,220 | 1/4 | 114,163 | 1/4 | 99,075 |
| 1/2 | | 1/2 | 183,237 | 1/2 | 176,086 | 1/2 | 169,041 | 1/2 | 161,223 | 1/2 | 153,111 | 1/2 | 143,919 | 1/2 | 128,906 | 1/2 | 113,849 | 1/2 | 98,761 |
| 3/4 | | 3/4 | 183,168 | 3/4 | 175,948 | 3/4 | 168,886 | 3/4 | 161,054 | 3/4 | 152,942 | 3/4 | 143,606 | 3/4 | 128,593 | 3/4 | 113,535 | 3/4 | 98,446 |
| 1 | | 1 | 183,048 | 1 | 175,809 | 1 | 168,730 | 1 | 160,885 | 1 | 152,773 | 1 | 143,293 | 1 | 128,279 | 1 | 113,220 | 1 | 98,132 |
| 1/4 | | 1/4 | 182,928 | 1/4 | 175,669 | 1/4 | 168,574 | 1/4 | 160,716 | 1/4 | 152,604 | 1/4 | 142,980 | 1/4 | 127,966 | 1/4 | 112,906 | 1/4 | 97,818 |
| 1/2 | | 1/2 | 182,808 | 1/2 | 175,530 | 1/2 | 168,418 | 1/2 | 160,547 | 1/2 | 152,435 | 1/2 | 142,667 | 1/2 | 127,652 | 1/2 | 112,592 | 1/2 | 97,503 |
| 3/4 | | 3/4 | 182,688 | 3/4 | 175,390 | 3/4 | 168,262 | 3/4 | 160,378 | 3/4 | 152,266 | 3/4 | 142,354 | 3/4 | 127,339 | 3/4 | 112,277 | 3/4 | 97,189 |
| 2 | | 2 | 182,527 | 2 | 175,249 | 2 | 168,104 | 2 | 160,209 | 2 | 152,097 | 2 | 142,042 | 2 | 127,025 | 2 | 111,963 | 2 | 96,875 |
| 1/4 | | 1/4 | 182,366 | 1/4 | 175,109 | 1/4 | 167,947 | 1/4 | 160,040 | 1/4 | 151,928 | 1/4 | 141,729 | 1/4 | 126,712 | 1/4 | 111,649 | 1/4 | 96,560 |
| 1/2 | | 1/2 | 182,205 | 1/2 | 174,968 | 1/2 | 167,790 | 1/2 | 159,871 | 1/2 | 151,759 | 1/2 | 141,416 | 1/2 | 126,398 | 1/2 | 111,335 | 1/2 | 96,246 |
| 3/4 | | 3/4 | 182,044 | 3/4 | 174,827 | 3/4 | 167,632 | 3/4 | 159,702 | 3/4 | 151,590 | 3/4 | 141,103 | 3/4 | 126,085 | 3/4 | 111,020 | 3/4 | 95,932 |
| 3 | | 3 | 181,877 | 3 | 174,685 | 3 | 167,474 | 3 | 159,533 | 3 | 151,421 | 3 | 140,790 | 3 | 125,772 | 3 | 110,705 | 3 | 95,617 |
| 1/4 | | 1/4 | 181,710 | 1/4 | 174,543 | 1/4 | 167,315 | 1/4 | 159,364 | 1/4 | 151,252 | 1/4 | 140,477 | 1/4 | 125,458 | 1/4 | 110,391 | 1/4 | 95,303 |
| 1/2 | | 1/2 | 181,544 | 1/2 | 174,401 | 1/2 | 167,156 | 1/2 | 159,195 | 1/2 | 151,083 | 1/2 | 140,164 | 1/2 | 125,145 | 1/2 | 110,076 | 1/2 | 94,989 |
| 3/4 | | 3/4 | 181,377 | 3/4 | 174,258 | 3/4 | 166,998 | 3/4 | 159,026 | 3/4 | 150,914 | 3/4 | 139,851 | 3/4 | 124,831 | 3/4 | 109,763 | 3/4 | 94,674 |
| 4 | | 4 | 181,210 | 4 | 174,115 | 4 | 166,838 | 4 | 158,857 | 4 | 150,745 | 4 | 139,538 | 4 | 124,518 | 4 | 109,449 | 4 | 94,360 |
| 1/4 | | 1/4 | 181,043 | 1/4 | 173,971 | 1/4 | 166,678 | 1/4 | 158,688 | 1/4 | 150,576 | 1/4 | 139,225 | 1/4 | 124,204 | 1/4 | 109,134 | 1/4 | 94,045 |
| 1/2 | | 1/2 | 180,876 | 1/2 | 173,828 | 1/2 | 166,517 | 1/2 | 158,519 | 1/2 | 150,407 | 1/2 | 138,912 | 1/2 | 123,891 | 1/2 | 108,820 | 1/2 | 93,731 |
| 3/4 | | 3/4 | 180,710 | 3/4 | 173,684 | 3/4 | 166,357 | 3/4 | 158,350 | 3/4 | 150,238 | 3/4 | 138,599 | 3/4 | 123,577 | 3/4 | 108,506 | 3/4 | 93,417 |
| 5 | | 5 | 180,543 | 5 | 173,539 | 5 | 166,196 | 5 | 158,181 | 5 | 150,069 | 5 | 138,287 | 5 | 123,264 | 5 | 108,192 | 5 | 93,102 |
| 1/4 | | 1/4 | 180,376 | 1/4 | 173,395 | 1/4 | 166,034 | 1/4 | 158,012 | 1/4 | 149,900 | 1/4 | 137,974 | 1/4 | 122,951 | 1/4 | 107,877 | 1/4 | 92,788 |
| 1/2 | | 1/2 | 180,209 | 1/2 | 173,250 | 1/2 | 165,873 | 1/2 | 157,843 | 1/2 | 149,731 | 1/2 | 137,662 | 1/2 | 122,637 | 1/2 | 107,563 | 1/2 | 92,474 |
| 3/4 | | 3/4 | 180,043 | 3/4 | 173,105 | 3/4 | 165,712 | 3/4 | 157,674 | 3/4 | 149,562 | 3/4 | 137,350 | 3/4 | 122,324 | 3/4 | 107,248 | 3/4 | 92,159 |
| 6 | | 6 | 179,876 | 6 | 172,959 | 6 | 165,549 | 6 | 157,505 | 6 | 149,393 | 6 | 137,037 | 6 | 122,010 | 6 | 106,934 | 6 | 91,845 |
| 1/4 | | 1/4 | 179,709 | 1/4 | 172,813 | 1/4 | 165,386 | 1/4 | 157,336 | 1/4 | 149,224 | 1/4 | 136,725 | 1/4 | 121,697 | 1/4 | 106,620 | 1/4 | 91,531 |
| 1/2 | | 1/2 | 179,542 | 1/2 | 172,666 | 1/2 | 165,223 | 1/2 | 157,167 | 1/2 | 149,055 | 1/2 | 136,413 | 1/2 | 121,383 | 1/2 | 106,305 | 1/2 | 91,216 |
| 3/4 | | 3/4 | 179,376 | 3/4 | 172,520 | 3/4 | 165,061 | 3/4 | 156,998 | 3/4 | 148,886 | 3/4 | 136,100 | 3/4 | 121,070 | 3/4 | 105,991 | 3/4 | 90,902 |
| 7 | | 7 | 179,211 | 7 | 172,372 | 7 | 164,897 | 7 | 156,829 | 7 | 148,717 | 7 | 135,788 | 7 | 120,756 | 7 | 105,677 | 7 | 90,588 |
| 1/4 | | 1/4 | 179,046 | 1/4 | 172,224 | 1/4 | 164,733 | 1/4 | 156,660 | 1/4 | 148,548 | 1/4 | 135,476 | 1/4 | 120,442 | 1/4 | 105,362 | 1/4 | 90,273 |
| 1/2 | | 1/2 | 178,882 | 1/2 | 172,076 | 1/2 | 164,569 | 1/2 | 156,491 | 1/2 | 148,379 | 1/2 | 135,163 | 1/2 | 120,128 | 1/2 | 105,048 | 1/2 | 89,959 |
| 3/4 | | 3/4 | 178,717 | 3/4 | 171,928 | 3/4 | 164,405 | 3/4 | 156,322 | 3/4 | 148,210 | 3/4 | 134,851 | 3/4 | 119,815 | 3/4 | 104,734 | 3/4 | 89,644 |
| 8 | | 8 | 178,570 | 8 | 171,778 | 8 | 164,240 | 8 | 156,153 | 8 | 148,041 | 8 | 134,539 | 8 | 119,501 | 8 | 104,419 | 8 | 89,330 |
| 1/4 | | 1/4 | 178,423 | 1/4 | 171,629 | 1/4 | 164,074 | 1/4 | 155,984 | 1/4 | 147,872 | 1/4 | 134,226 | 1/4 | 119,187 | 1/4 | 104,105 | 1/4 | 89,016 |
| 1/2 | | 1/2 | 178,275 | 1/2 | 171,479 | 1/2 | 163,909 | 1/2 | 155,815 | 1/2 | 147,703 | 1/2 | 133,914 | 1/2 | 118,873 | 1/2 | 103,791 | 1/2 | 88,701 |
| 3/4 | | 3/4 | 178,128 | 3/4 | 171,330 | 3/4 | 163,744 | 3/4 | 155,646 | 3/4 | 147,534 | 3/4 | 133,602 | 3/4 | 118,560 | 3/4 | 103,476 | 3/4 | 88,387 |
| 9 | | 9 | 177,994 | 9 | 171,179 | 9 | 163,577 | 9 | 155,477 | 9 | 147,365 | 9 | 133,290 | 9 | 118,246 | 9 | 103,162 | 9 | 88,073 |
| 1/4 | | 1/4 | 177,860 | 1/4 | 171,028 | 1/4 | 163,410 | 1/4 | 155,308 | 1/4 | 147,196 | 1/4 | 132,977 | 1/4 | 117,932 | 1/4 | 102,847 | 1/4 | 87,758 |
| 1/2 | | 1/2 | 177,725 | 1/2 | 170,877 | 1/2 | 163,244 | 1/2 | 155,139 | 1/2 | 147,027 | 1/2 | 132,665 | 1/2 | 117,618 | 1/2 | 102,533 | 1/2 | 87,444 |
| 3/4 | | 3/4 | 177,591 | 3/4 | 170,727 | 3/4 | 163,077 | 3/4 | 154,970 | 3/4 | 146,858 | 3/4 | 132,353 | 3/4 | 117,305 | 3/4 | 102,219 | 3/4 | 87,130 |
| 10 | | 10 | 177,456 | 10 | 170,575 | 10 | 162,909 | 10 | 154,801 | 10 | 146,671 | 10 | 132,040 | 10 | 116,991 | 10 | 101,904 | 10 | 86,815 |
| 1/4 | | 1/4 | 177,320 | 1/4 | 170,422 | 1/4 | 162,741 | 1/4 | 154,632 | 1/4 | 146,484 | 1/4 | 131,728 | 1/4 | 116,677 | 1/4 | 101,590 | 1/4 | 86,501 |
| 1/2 | | 1/2 | 177,185 | 1/2 | 170,270 | 1/2 | 162,573 | 1/2 | 154,463 | 1/2 | 146,297 | 1/2 | 131,415 | 1/2 | 116,363 | 1/2 | 101,276 | 1/2 | 86,187 |
| 3/4 | | 3/4 | 177,049 | 3/4 | 170,118 | 3/4 | 162,405 | 3/4 | 154,294 | 3/4 | 146,110 | 3/4 | 131,103 | 3/4 | 116,049 | 3/4 | 100,961 | 3/4 | 85,872 |
| 11 | | 11 | 176,912 | 11 | 169,965 | 11 | 162,236 | 11 | 154,125 | 11 | 145,797 | 11 | 130,789 | 11 | 115,735 | 11 | 100,647 | 11 | 85,558 |
| 1/4 | | 1/4 | 176,775 | 1/4 | 169,812 | 1/4 | 162,067 | 1/4 | 153,956 | 1/4 | 145,484 | 1/4 | 130,475 | 1/4 | 115,422 | 1/4 | 100,333 | 1/4 | 85,244 |
| 1/2 | | 1/2 | 176,638 | 1/2 | 169,658 | 1/2 | 161,899 | 1/2 | 153,787 | 1/2 | 145,171 | 1/2 | 130,161 | 1/2 | 115,108 | 1/2 | 100,018 | 1/2 | 84,929 |
| 3/4 | | 3/4 | 183,444 | 3/4 | 176,501 | 3/4 | 169,505 | 3/4 | 161,730 | 3/4 | 153,618 | 3/4 | 144,858 | 3/4 | 129,847 | 3/4 | 114,792 | 3/4 | 84,615 |

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'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 396"

3 STBD 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 | 84,300 | 0 | 69,208 | 0 | 54,181 | 0 | 39,556 | 0 | 24,703 | 0 | 9,606 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 83,986 | 1/4 | 68,893 | 1/4 | 53,869 | 1/4 | 39,256 | 1/4 | 24,388 | 1/4 | 9,292 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 83,672 | 1/2 | 68,579 | 1/2 | 53,557 | 1/2 | 38,955 | 1/2 | 24,074 | 1/2 | 8,977 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 83,357 | 3/4 | 68,264 | 3/4 | 53,245 | 3/4 | 38,655 | 3/4 | 23,759 | 3/4 | 8,663 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 83,043 | 1 | 67,950 | 1 | 52,934 | 1 | 38,354 | 1 | 23,445 | 1 | 8,347 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 82,728 | 1/4 | 67,635 | 1/4 | 52,622 | 1/4 | 38,054 | 1/4 | 23,130 | 1/4 | 8,032 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 82,414 | 1/2 | 67,321 | 1/2 | 52,310 | 1/2 | 37,753 | 1/2 | 22,816 | 1/2 | 7,717 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 82,099 | 3/4 | 67,007 | 3/4 | 51,998 | 3/4 | 37,452 | 3/4 | 22,501 | 3/4 | 7,405 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 81,785 | 2 | 66,692 | 2 | 51,687 | 2 | 37,151 | 2 | 22,187 | 2 | 7,090 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 81,470 | 1/4 | 66,378 | 1/4 | 51,376 | 1/4 | 36,850 | 1/4 | 21,872 | 1/4 | 6,775 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 81,156 | 1/2 | 66,063 | 1/2 | 51,065 | 1/2 | 36,548 | 1/2 | 21,558 | 1/2 | 6,461 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 80,842 | 3/4 | 65,749 | 3/4 | 50,754 | 3/4 | 36,247 | 3/4 | 21,243 | 3/4 | 6,146 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 80,527 | 3 | 65,434 | 3 | 50,443 | 3 | 35,945 | 3 | 20,929 | 3 | 5,832 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 80,213 | 1/4 | 65,120 | 1/4 | 50,132 | 1/4 | 35,644 | 1/4 | 20,614 | 1/4 | 5,517 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 79,898 | 1/2 | 64,806 | 1/2 | 49,820 | 1/2 | 35,342 | 1/2 | 20,300 | 1/2 | 5,202 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 79,584 | 3/4 | 64,491 | 3/4 | 49,509 | 3/4 | 35,040 | 3/4 | 19,985 | 3/4 | 4,887 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 79,269 | 4 | 64,177 | 4 | 49,198 | 4 | 34,736 | 4 | 19,671 | 4 | 4,576 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 78,955 | 1/4 | 63,862 | 1/4 | 48,888 | 1/4 | 34,432 | 1/4 | 19,356 | 1/4 | 4,265 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 78,641 | 1/2 | 63,548 | 1/2 | 48,577 | 1/2 | 34,128 | 1/2 | 19,042 | 1/2 | 3,954 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 78,326 | 3/4 | 63,233 | 3/4 | 48,266 | 3/4 | 33,824 | 3/4 | 18,727 | 3/4 | 3,643 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 78,012 | 5 | 62,919 | 5 | 47,966 | 5 | 33,509 | 5 | 18,413 | 5 | 3,361 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 77,697 | 1/4 | 62,605 | 1/4 | 47,665 | 1/4 | 33,195 | 1/4 | 18,100 | 1/4 | 3,080 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 77,383 | 1/2 | 62,291 | 1/2 | 47,365 | 1/2 | 32,880 | 1/2 | 17,786 | 1/2 | 2,799 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 77,068 | 3/4 | 61,977 | 3/4 | 47,065 | 3/4 | 32,566 | 3/4 | 17,469 | 3/4 | 2,517 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 76,754 | 6 | 61,665 | 6 | 46,764 | 6 | 32,251 | 6 | 17,155 | 6 | 2,288 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 76,440 | 1/4 | 61,353 | 1/4 | 46,464 | 1/4 | 31,937 | 1/4 | 16,840 | 1/4 | 2,059 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 76,125 | 1/2 | 61,041 | 1/2 | 46,164 | 1/2 | 31,622 | 1/2 | 16,526 | 1/2 | 1,830 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 75,811 | 3/4 | 60,730 | 3/4 | 45,863 | 3/4 | 31,308 | 3/4 | 16,211 | 3/4 | 1,600 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 75,496 | 7 | 60,418 | 7 | 45,563 | 7 | 30,993 | 7 | 15,897 | 7 | 1,423 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 75,182 | 1/4 | 60,106 | 1/4 | 45,263 | 1/4 | 30,679 | 1/4 | 15,582 | 1/4 | 1,246 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 74,867 | 1/2 | 59,794 | 1/2 | 44,962 | 1/2 | 30,364 | 1/2 | 15,268 | 1/2 | 1,069 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 74,553 | 3/4 | 59,482 | 3/4 | 44,662 | 3/4 | 30,050 | 3/4 | 14,953 | 3/4 | 892 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 74,239 | 8 | 59,170 | 8 | 44,362 | 8 | 29,735 | 8 | 14,639 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 73,924 | 1/4 | 58,859 | 1/4 | 44,061 | 1/4 | 29,421 | 1/4 | 14,324 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 73,610 | 1/2 | 58,547 | 1/2 | 43,761 | 1/2 | 29,106 | 1/2 | 14,009 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 73,295 | 3/4 | 58,235 | 3/4 | 43,460 | 3/4 | 28,792 | 3/4 | 13,695 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 72,981 | 9 | 57,923 | 9 | 43,160 | 9 | 28,477 | 9 | 13,380 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 72,666 | 1/4 | 57,611 | 1/4 | 42,860 | 1/4 | 28,163 | 1/4 | 13,066 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 72,352 | 1/2 | 57,299 | 1/2 | 42,559 | 1/2 | 27,848 | 1/2 | 12,751 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 72,038 | 3/4 | 56,988 | 3/4 | 42,259 | 3/4 | 27,534 | 3/4 | 12,437 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 71,723 | 10 | 56,676 | 10 | 41,959 | 10 | 27,219 | 10 | 12,122 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 71,409 | 1/4 | 56,364 | 1/4 | 41,658 | 1/4 | 26,905 | 1/4 | 11,808 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 71,094 | 1/2 | 56,052 | 1/2 | 41,358 | 1/2 | 26,590 | 1/2 | 11,493 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 70,780 | 3/4 | 55,740 | 3/4 | 41,058 | 3/4 | 26,276 | 3/4 | 11,179 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 70,465 | 11 | 55,428 | 11 | 40,757 | 11 | 25,961 | 11 | 10,864 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 70,151 | 1/4 | 55,117 | 1/4 | 40,457 | 1/4 | 25,647 | 1/4 | 10,550 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 69,836 | 1/2 | 54,805 | 1/2 | 40,157 | 1/2 | 25,332 | 1/2 | 10,235 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 69,522 | 3/4 | 54,493 | 3/4 | 39,856 | 3/4 | 25,018 | 3/4 | 9,921 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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