

# BARGE "CBC 45"

## HULL NO. 04-2224

# TANK NO. 1

## INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-9 1/4"

| 0 FT. |       | 1 FT. |        | 2 FT. |        | 3 FT. |        | 4 FT. |        | 5 FT. |        | 6 FT. |        | 7 FT. |        | 8 FT. |         | 9 FT. |         |
|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|---------|-------|---------|
| IN    | 0 FT. | IN    | 1 FT.  | IN    | 2 FT.  | IN    | 3 FT.  | IN    | 4 FT.  | IN    | 5 FT.  | IN    | 6 FT.  | IN    | 7 FT.  | IN    | 8 FT.   | IN    | 9 FT.   |
| 0     | 35    | 0     | 10,077 | 0     | 21,564 | 0     | 33,033 | 0     | 44,515 | 0     | 55,997 | 0     | 67,479 | 0     | 78,961 | 0     | 90,442  | 0     | 101,924 |
| 1/4   | 45    | 1/4   | 10,316 | 1/4   | 21,804 | 1/4   | 33,272 | 1/4   | 44,754 | 1/4   | 56,236 | 1/4   | 67,718 | 1/4   | 79,200 | 1/4   | 90,682  | 1/4   | 102,163 |
| 1/2   | 75    | 1/2   | 10,555 | 1/2   | 22,043 | 1/2   | 33,512 | 1/2   | 44,994 | 1/2   | 56,475 | 1/2   | 67,957 | 1/2   | 79,439 | 1/2   | 90,921  | 1/2   | 102,403 |
| 3/4   | 125   | 3/4   | 10,795 | 3/4   | 22,282 | 3/4   | 33,751 | 3/4   | 45,233 | 3/4   | 56,715 | 3/4   | 68,196 | 3/4   | 79,678 | 3/4   | 91,160  | 3/4   | 102,642 |
| 1     | 195   | 1     | 11,034 | 1     | 22,522 | 1     | 33,990 | 1     | 45,472 | 1     | 56,954 | 1     | 68,436 | 1     | 79,917 | 1     | 91,399  | 1     | 102,881 |
| 1/4   | 284   | 1/4   | 11,273 | 1/4   | 22,761 | 1/4   | 34,229 | 1/4   | 45,711 | 1/4   | 57,193 | 1/4   | 68,675 | 1/4   | 80,157 | 1/4   | 91,638  | 1/4   | 103,120 |
| 1/2   | 394   | 1/2   | 11,513 | 1/2   | 23,000 | 1/2   | 34,468 | 1/2   | 45,950 | 1/2   | 57,432 | 1/2   | 68,914 | 1/2   | 80,396 | 1/2   | 91,878  | 1/2   | 103,360 |
| 3/4   | 524   | 3/4   | 11,752 | 3/4   | 23,240 | 3/4   | 34,708 | 3/4   | 46,190 | 3/4   | 57,671 | 3/4   | 69,153 | 3/4   | 80,635 | 3/4   | 92,117  | 3/4   | 103,599 |
| 2     | 673   | 2     | 11,991 | 2     | 23,479 | 2     | 34,947 | 2     | 46,429 | 2     | 57,911 | 2     | 69,392 | 2     | 80,874 | 2     | 92,356  | 2     | 103,838 |
| 1/4   | 843   | 1/4   | 12,231 | 1/4   | 23,718 | 1/4   | 35,186 | 1/4   | 46,668 | 1/4   | 58,150 | 1/4   | 69,632 | 1/4   | 81,113 | 1/4   | 92,595  | 1/4   | 104,077 |
| 1/2   | 1,032 | 1/2   | 12,470 | 1/2   | 23,958 | 1/2   | 35,425 | 1/2   | 46,907 | 1/2   | 58,389 | 1/2   | 69,871 | 1/2   | 81,353 | 1/2   | 92,834  | 1/2   | 104,316 |
| 3/4   | 1,242 | 3/4   | 12,709 | 3/4   | 24,197 | 3/4   | 35,665 | 3/4   | 47,146 | 3/4   | 58,628 | 3/4   | 70,110 | 3/4   | 81,592 | 3/4   | 93,074  | 3/4   | 104,556 |
| 3     | 1,471 | 3     | 12,949 | 3     | 24,436 | 3     | 35,904 | 3     | 47,386 | 3     | 58,867 | 3     | 70,349 | 3     | 81,831 | 3     | 93,313  | 3     | 104,795 |
| 1/4   | 1,700 | 1/4   | 13,188 | 1/4   | 24,676 | 1/4   | 36,143 | 1/4   | 47,625 | 1/4   | 59,107 | 1/4   | 70,588 | 1/4   | 82,070 | 1/4   | 93,552  | 1/4   | 105,034 |
| 1/2   | 1,940 | 1/2   | 13,427 | 1/2   | 24,915 | 1/2   | 36,382 | 1/2   | 47,864 | 1/2   | 59,346 | 1/2   | 70,828 | 1/2   | 82,309 | 1/2   | 93,791  | 1/2   | 105,273 |
| 3/4   | 2,179 | 3/4   | 13,667 | 3/4   | 25,154 | 3/4   | 36,621 | 3/4   | 48,103 | 3/4   | 59,585 | 3/4   | 71,067 | 3/4   | 82,549 | 3/4   | 94,031  | 3/4   | 105,512 |
| 4     | 2,418 | 4     | 13,906 | 4     | 25,394 | 4     | 36,861 | 4     | 48,342 | 4     | 59,824 | 4     | 71,306 | 4     | 82,788 | 4     | 94,270  | 4     | 105,752 |
| 1/4   | 2,658 | 1/4   | 14,145 | 1/4   | 25,633 | 1/4   | 37,100 | 1/4   | 48,582 | 1/4   | 60,063 | 1/4   | 71,545 | 1/4   | 83,027 | 1/4   | 94,509  | 1/4   | 105,991 |
| 1/2   | 2,897 | 1/2   | 14,385 | 1/2   | 25,872 | 1/2   | 37,339 | 1/2   | 48,821 | 1/2   | 60,303 | 1/2   | 71,784 | 1/2   | 83,266 | 1/2   | 94,748  | 1/2   | 106,230 |
| 3/4   | 3,136 | 3/4   | 14,624 | 3/4   | 26,111 | 3/4   | 37,578 | 3/4   | 49,060 | 3/4   | 60,542 | 3/4   | 72,024 | 3/4   | 83,505 | 3/4   | 94,987  | 3/4   | 106,469 |
| 5     | 3,376 | 5     | 14,863 | 5     | 26,350 | 5     | 37,817 | 5     | 49,299 | 5     | 60,781 | 5     | 72,263 | 5     | 83,745 | 5     | 95,227  | 5     | 106,708 |
| 1/4   | 3,615 | 1/4   | 15,103 | 1/4   | 26,588 | 1/4   | 38,057 | 1/4   | 49,538 | 1/4   | 61,020 | 1/4   | 72,502 | 1/4   | 83,984 | 1/4   | 95,466  | 1/4   | 106,948 |
| 1/2   | 3,854 | 1/2   | 15,342 | 1/2   | 26,827 | 1/2   | 38,296 | 1/2   | 49,778 | 1/2   | 61,259 | 1/2   | 72,741 | 1/2   | 84,223 | 1/2   | 95,705  | 1/2   | 107,187 |
| 3/4   | 4,094 | 3/4   | 15,581 | 3/4   | 27,066 | 3/4   | 38,535 | 3/4   | 50,017 | 3/4   | 61,499 | 3/4   | 72,980 | 3/4   | 84,462 | 3/4   | 95,944  | 3/4   | 107,426 |
| 6     | 4,333 | 6     | 15,821 | 6     | 27,305 | 6     | 38,774 | 6     | 50,256 | 6     | 61,738 | 6     | 73,220 | 6     | 84,702 | 6     | 96,183  | 6     | 107,665 |
| 1/4   | 4,572 | 1/4   | 16,060 | 1/4   | 27,543 | 1/4   | 39,013 | 1/4   | 50,495 | 1/4   | 61,977 | 1/4   | 73,459 | 1/4   | 84,941 | 1/4   | 96,423  | 1/4   | 107,904 |
| 1/2   | 4,812 | 1/2   | 16,299 | 1/2   | 27,782 | 1/2   | 39,253 | 1/2   | 50,734 | 1/2   | 62,216 | 1/2   | 73,698 | 1/2   | 85,180 | 1/2   | 96,662  | 1/2   | 108,144 |
| 3/4   | 5,051 | 3/4   | 16,539 | 3/4   | 28,021 | 3/4   | 39,492 | 3/4   | 50,974 | 3/4   | 62,455 | 3/4   | 73,937 | 3/4   | 85,419 | 3/4   | 96,901  | 3/4   | 108,383 |
| 7     | 5,290 | 7     | 16,778 | 7     | 28,259 | 7     | 39,731 | 7     | 51,213 | 7     | 62,695 | 7     | 74,177 | 7     | 85,658 | 7     | 97,140  | 7     | 108,622 |
| 1/4   | 5,530 | 1/4   | 17,017 | 1/4   | 28,498 | 1/4   | 39,970 | 1/4   | 51,452 | 1/4   | 62,934 | 1/4   | 74,416 | 1/4   | 85,898 | 1/4   | 97,379  | 1/4   | 108,861 |
| 1/2   | 5,769 | 1/2   | 17,257 | 1/2   | 28,737 | 1/2   | 40,209 | 1/2   | 51,691 | 1/2   | 63,173 | 1/2   | 74,655 | 1/2   | 86,137 | 1/2   | 97,619  | 1/2   | 109,100 |
| 3/4   | 6,008 | 3/4   | 17,496 | 3/4   | 28,975 | 3/4   | 40,449 | 3/4   | 51,930 | 3/4   | 63,412 | 3/4   | 74,894 | 3/4   | 86,376 | 3/4   | 97,858  | 3/4   | 109,340 |
| 8     | 6,248 | 8     | 17,735 | 8     | 29,214 | 8     | 40,688 | 8     | 52,170 | 8     | 63,651 | 8     | 75,133 | 8     | 86,615 | 8     | 98,097  | 8     | 109,579 |
| 1/4   | 6,487 | 1/4   | 17,975 | 1/4   | 29,453 | 1/4   | 40,927 | 1/4   | 52,409 | 1/4   | 63,891 | 1/4   | 75,373 | 1/4   | 86,854 | 1/4   | 98,336  | 1/4   | 109,818 |
| 1/2   | 6,726 | 1/2   | 18,214 | 1/2   | 29,692 | 1/2   | 41,166 | 1/2   | 52,648 | 1/2   | 64,130 | 1/2   | 75,612 | 1/2   | 87,094 | 1/2   | 98,575  | 1/2   | 110,057 |
| 3/4   | 6,966 | 3/4   | 18,453 | 3/4   | 29,930 | 3/4   | 41,405 | 3/4   | 52,887 | 3/4   | 64,369 | 3/4   | 75,851 | 3/4   | 87,333 | 3/4   | 98,815  | 3/4   | 110,296 |
| 9     | 7,205 | 9     | 18,693 | 9     | 30,169 | 9     | 41,645 | 9     | 53,126 | 9     | 64,608 | 9     | 76,090 | 9     | 87,572 | 9     | 99,054  | 9     | 110,536 |
| 1/4   | 7,444 | 1/4   | 18,932 | 1/4   | 30,408 | 1/4   | 41,884 | 1/4   | 53,366 | 1/4   | 64,848 | 1/4   | 76,329 | 1/4   | 87,811 | 1/4   | 99,293  | 1/4   | 110,775 |
| 1/2   | 7,684 | 1/2   | 19,171 | 1/2   | 30,646 | 1/2   | 42,123 | 1/2   | 53,605 | 1/2   | 65,087 | 1/2   | 76,569 | 1/2   | 88,050 | 1/2   | 99,532  | 1/2   | 111,014 |
| 3/4   | 7,923 | 3/4   | 19,411 | 3/4   | 30,885 | 3/4   | 42,362 | 3/4   | 53,844 | 3/4   | 65,326 | 3/4   | 76,808 | 3/4   | 88,290 | 3/4   | 99,771  | 3/4   | 111,253 |
| 10    | 8,162 | 10    | 19,650 | 10    | 31,124 | 10    | 42,601 | 10    | 54,083 | 10    | 65,565 | 10    | 77,047 | 10    | 88,529 | 10    | 100,011 | 10    | 111,492 |
| 1/4   | 8,402 | 1/4   | 19,889 | 1/4   | 31,362 | 1/4   | 42,841 | 1/4   | 54,322 | 1/4   | 65,804 | 1/4   | 77,286 | 1/4   | 88,768 | 1/4   | 100,250 | 1/4   | 111,732 |
| 1/2   | 8,641 | 1/2   | 20,129 | 1/2   | 31,601 | 1/2   | 43,080 | 1/2   | 54,562 | 1/2   | 66,044 | 1/2   | 77,525 | 1/2   | 89,007 | 1/2   | 100,489 | 1/2   | 111,971 |
| 3/4   | 8,880 | 3/4   | 20,368 | 3/4   | 31,840 | 3/4   | 43,319 | 3/4   | 54,801 | 3/4   | 66,283 | 3/4   | 77,765 | 3/4   | 89,246 | 3/4   | 100,728 | 3/4   | 112,210 |
| 11    | 9,119 | 11    | 20,607 | 11    | 32,078 | 11    | 43,558 | 11    | 55,040 | 11    | 66,522 | 11    | 78,004 | 11    | 89,486 | 11    | 100,967 | 11    | 112,449 |
| 1/4   | 9,359 | 1/4   | 20,846 | 1/4   | 32,317 | 1/4   | 43,797 | 1/4   | 55,279 | 1/4   | 66,761 | 1/4   | 78,243 | 1/4   | 89,725 | 1/4   | 101,207 | 1/4   | 112,688 |
| 1/2   | 9,598 | 1/2   | 21,086 | 1/2   | 32,556 | 1/2   | 44,037 | 1/2   | 55,519 | 1/2   | 67,000 | 1/2   | 78,482 | 1/2   | 89,964 | 1/2   | 101,446 | 1/2   | 112,928 |
| 3/4   | 9,837 | 3/4   | 21,325 | 3/4   | 32,795 | 3/4   | 44,276 | 3/4   | 55,758 | 3/4   | 67,240 | 3/4   | 78,721 | 3/4   | 90,203 | 3/4   | 101,685 | 3/4   | 113,167 |

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: GAUGE POINT: TO TOP LIP OF 2" DIAMETER MMC BALL VALVE, LOCATED 0'-10" OFF CENTERLINE

AND 27'-9" FORWARD OF AFT. BULKHEAD.

NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.

NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT CENTERLINE.

NOTE: CAPACITY TABLE REFLECTS GAUGING ON ZERO DATUM LOCATED 1/4" ABOVE TANK BOTTOM.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED 4/6/05 BY BB/JJ  
DATE COMPUTED: 4/6/05 BY WHF  
DATE ISSUED: 4/12/05

INTERTEK - CALEB BRETT

**BARGE "CBC 45"**  
HULL NO. 04-2224

**TANK NO. 1**  
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-9 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   | 113,406 | 0   | 124,888 | 0   | 135,400 | 0   | 145,718 | 0   | 156,036 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 113,645 | 1/4 | 125,127 | 1/4 | 135,615 | 1/4 | 145,933 | 1/4 | 156,251 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 113,885 | 1/2 | 125,366 | 1/2 | 135,830 | 1/2 | 146,148 | 1/2 | 156,466 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 114,124 | 3/4 | 125,606 | 3/4 | 136,045 | 3/4 | 146,363 | 3/4 | 156,681 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 114,363 | 1   | 125,845 | 1   | 136,260 | 1   | 146,578 | 1   | 156,896 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 114,602 | 1/4 | 126,084 | 1/4 | 136,475 | 1/4 | 146,793 | 1/4 | 157,111 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 114,841 | 1/2 | 126,323 | 1/2 | 136,690 | 1/2 | 147,008 | 1/2 | 157,326 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 115,081 | 3/4 | 126,562 | 3/4 | 136,905 | 3/4 | 147,223 | 3/4 | 157,541 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 115,320 | 2   | 126,802 | 2   | 137,120 | 2   | 147,438 | 2   | 157,756 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 115,559 | 1/4 | 127,017 | 1/4 | 137,335 | 1/4 | 147,653 | 1/4 | 157,971 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 115,798 | 1/2 | 127,232 | 1/2 | 137,550 | 1/2 | 147,868 | 1/2 | 158,186 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 116,037 | 3/4 | 127,446 | 3/4 | 137,765 | 3/4 | 148,083 | 3/4 | 158,401 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 116,277 | 3   | 127,661 | 3   | 137,979 | 3   | 148,298 | 3   | 158,606 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 116,516 | 1/4 | 127,876 | 1/4 | 138,194 | 1/4 | 148,512 | 1/4 | 158,802 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 116,755 | 1/2 | 128,091 | 1/2 | 138,409 | 1/2 | 148,727 | 1/2 | 158,989 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 116,994 | 3/4 | 128,306 | 3/4 | 138,624 | 3/4 | 148,942 | 3/4 | 159,167 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 117,233 | 4   | 128,521 | 4   | 138,839 | 4   | 149,157 | 4   | 159,335 | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 117,473 | 1/4 | 128,736 | 1/4 | 139,054 | 1/4 | 149,372 | 1/4 | 159,494 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 117,712 | 1/2 | 128,951 | 1/2 | 139,269 | 1/2 | 149,587 | 1/2 | 159,643 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 117,951 | 3/4 | 129,166 | 3/4 | 139,484 | 3/4 | 149,802 | 3/4 | 159,784 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 118,190 | 5   | 129,381 | 5   | 139,699 | 5   | 150,017 | 5   | 159,914 | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 118,429 | 1/4 | 129,596 | 1/4 | 139,914 | 1/4 | 150,232 | 1/4 | 160,036 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 118,669 | 1/2 | 129,811 | 1/2 | 140,129 | 1/2 | 150,447 | 1/2 | 160,148 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 118,908 | 3/4 | 130,026 | 3/4 | 140,344 | 3/4 | 150,662 | 3/4 | 160,251 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 119,147 | 6   | 130,241 | 6   | 140,559 | 6   | 150,877 | 6   | 160,344 | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 119,386 | 1/4 | 130,456 | 1/4 | 140,774 | 1/4 | 151,092 | 1/4 | 160,428 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 119,625 | 1/2 | 130,671 | 1/2 | 140,989 | 1/2 | 151,307 | 1/2 | 160,503 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 119,865 | 3/4 | 130,886 | 3/4 | 141,204 | 3/4 | 151,522 | 3/4 | 160,588 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 120,104 | 7   | 131,101 | 7   | 141,419 | 7   | 151,737 | 7   | 160,624 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 120,343 | 1/4 | 131,316 | 1/4 | 141,634 | 1/4 | 151,952 | 1/4 | 160,671 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 120,582 | 1/2 | 131,531 | 1/2 | 141,849 | 1/2 | 152,167 | 1/2 | 160,708 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 120,821 | 3/4 | 131,746 | 3/4 | 142,064 | 3/4 | 152,382 | 3/4 | 160,736 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 121,061 | 8   | 131,961 | 8   | 142,279 | 8   | 152,597 | 8   |         | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 121,300 | 1/4 | 132,176 | 1/4 | 142,494 | 1/4 | 152,812 | 1/4 |         | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 121,539 | 1/2 | 132,391 | 1/2 | 142,709 | 1/2 | 153,027 | 1/2 |         | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 121,778 | 3/4 | 132,605 | 3/4 | 142,924 | 3/4 | 153,242 | 3/4 |         | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 122,017 | 9   | 132,820 | 9   | 143,139 | 9   | 153,457 | 9   |         | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 122,257 | 1/4 | 133,035 | 1/4 | 143,353 | 1/4 | 153,672 | 1/4 |         | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 122,496 | 1/2 | 133,250 | 1/2 | 143,568 | 1/2 | 153,886 | 1/2 |         | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 122,735 | 3/4 | 133,465 | 3/4 | 143,783 | 3/4 | 154,101 | 3/4 |         | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 122,974 | 10  | 133,680 | 10  | 143,998 | 10  | 154,316 | 10  |         | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 123,214 | 1/4 | 133,895 | 1/4 | 144,213 | 1/4 | 154,531 | 1/4 |         | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 123,453 | 1/2 | 134,110 | 1/2 | 144,428 | 1/2 | 154,746 | 1/2 |         | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 123,692 | 3/4 | 134,325 | 3/4 | 144,643 | 3/4 | 154,961 | 3/4 |         | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 123,931 | 11  | 134,540 | 11  | 144,858 | 11  | 155,176 | 11  |         | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 124,170 | 1/4 | 134,755 | 1/4 | 145,073 | 1/4 | 155,391 | 1/4 |         | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 124,410 | 1/2 | 134,970 | 1/2 | 145,288 | 1/2 | 155,606 | 1/2 |         | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 124,649 | 3/4 | 135,185 | 3/4 | 145,503 | 3/4 | 155,821 | 3/4 |         | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED 4/6/05 BY: BBLJ  
DATE COMPUTED: 4/08/05 BY: WHF  
DATE ISSUED: 4/12/05

INTERTEK - CALEB BRETT

BARGE "CBC 45"  
HULL NO. 04-2224TANK NO. 2  
INNAGE TABLE

| CAPACITIES GIVEN IN WHOLE GALLONS |       |     |        |     |        |     |        |     |        | GAUGE HEIGHT 16'-8 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                                 | 28    | 0   | 9,033  | 0   | 19,512 | 0   | 29,982 | 0   | 40,441 | 0                       | 50,920 | 0   | 61,399 | 0   | 71,879 | 0   | 82,358 | 0   | 92,837  |
| 1/4                               | 55    | 1/4 | 9,252  | 1/4 | 19,730 | 1/4 | 30,200 | 1/4 | 40,659 | 1/4                     | 51,138 | 1/4 | 61,618 | 1/4 | 72,097 | 1/4 | 82,576 | 1/4 | 93,055  |
| 1/2                               | 82    | 1/2 | 9,470  | 1/2 | 19,949 | 1/2 | 30,417 | 1/2 | 40,877 | 1/2                     | 51,356 | 1/2 | 61,836 | 1/2 | 72,315 | 1/2 | 82,794 | 1/2 | 93,274  |
| 3/4                               | 110   | 3/4 | 9,688  | 3/4 | 20,167 | 3/4 | 30,635 | 3/4 | 41,096 | 3/4                     | 51,575 | 3/4 | 62,054 | 3/4 | 72,533 | 3/4 | 83,013 | 3/4 | 93,492  |
| 1                                 | 192   | 1   | 9,906  | 1   | 20,385 | 1   | 30,852 | 1   | 41,314 | 1                       | 51,793 | 1   | 62,273 | 1   | 72,752 | 1   | 83,231 | 1   | 93,710  |
| 1/4                               | 273   | 1/4 | 10,125 | 1/4 | 20,604 | 1/4 | 31,070 | 1/4 | 41,532 | 1/4                     | 52,012 | 1/4 | 62,491 | 1/4 | 72,970 | 1/4 | 83,449 | 1/4 | 93,929  |
| 1/2                               | 355   | 1/2 | 10,343 | 1/2 | 20,822 | 1/2 | 31,287 | 1/2 | 41,751 | 1/2                     | 52,230 | 1/2 | 62,709 | 1/2 | 73,188 | 1/2 | 83,668 | 1/2 | 94,147  |
| 3/4                               | 437   | 3/4 | 10,561 | 3/4 | 21,040 | 3/4 | 31,505 | 3/4 | 41,969 | 3/4                     | 52,448 | 3/4 | 62,928 | 3/4 | 73,407 | 3/4 | 83,886 | 3/4 | 94,365  |
| 2                                 | 574   | 2   | 10,780 | 2   | 21,259 | 2   | 31,723 | 2   | 42,187 | 2                       | 52,667 | 2   | 63,146 | 2   | 73,625 | 2   | 84,104 | 2   | 94,584  |
| 1/4                               | 710   | 1/4 | 10,998 | 1/4 | 21,477 | 1/4 | 31,940 | 1/4 | 42,406 | 1/4                     | 52,885 | 1/4 | 63,364 | 1/4 | 73,843 | 1/4 | 84,323 | 1/4 | 94,802  |
| 1/2                               | 847   | 1/2 | 11,216 | 1/2 | 21,695 | 1/2 | 32,158 | 1/2 | 42,624 | 1/2                     | 53,103 | 1/2 | 63,582 | 1/2 | 74,062 | 1/2 | 84,541 | 1/2 | 95,020  |
| 3/4                               | 983   | 3/4 | 11,435 | 3/4 | 21,914 | 3/4 | 32,375 | 3/4 | 42,842 | 3/4                     | 53,322 | 3/4 | 63,801 | 3/4 | 74,280 | 3/4 | 84,759 | 3/4 | 95,238  |
| 3                                 | 1,174 | 3   | 11,653 | 3   | 22,132 | 3   | 32,593 | 3   | 43,061 | 3                       | 53,540 | 3   | 64,019 | 3   | 74,498 | 3   | 84,978 | 3   | 95,457  |
| 1/4                               | 1,392 | 1/4 | 11,871 | 1/4 | 22,350 | 1/4 | 32,810 | 1/4 | 43,279 | 1/4                     | 53,758 | 1/4 | 64,237 | 1/4 | 74,717 | 1/4 | 85,196 | 1/4 | 95,675  |
| 1/2                               | 1,611 | 1/2 | 12,090 | 1/2 | 22,568 | 1/2 | 33,028 | 1/2 | 43,497 | 1/2                     | 53,977 | 1/2 | 64,456 | 1/2 | 74,935 | 1/2 | 85,414 | 1/2 | 95,893  |
| 3/4                               | 1,829 | 3/4 | 12,308 | 3/4 | 22,787 | 3/4 | 33,246 | 3/4 | 43,716 | 3/4                     | 54,195 | 3/4 | 64,674 | 3/4 | 75,153 | 3/4 | 85,633 | 3/4 | 96,112  |
| 4                                 | 2,047 | 4   | 12,526 | 4   | 23,005 | 4   | 33,463 | 4   | 43,934 | 4                       | 54,413 | 4   | 64,892 | 4   | 75,372 | 4   | 85,851 | 4   | 96,330  |
| 1/4                               | 2,266 | 1/4 | 12,744 | 1/4 | 23,223 | 1/4 | 33,681 | 1/4 | 44,152 | 1/4                     | 54,631 | 1/4 | 65,111 | 1/4 | 75,590 | 1/4 | 86,069 | 1/4 | 96,548  |
| 1/2                               | 2,484 | 1/2 | 12,963 | 1/2 | 23,442 | 1/2 | 33,898 | 1/2 | 44,371 | 1/2                     | 54,850 | 1/2 | 65,329 | 1/2 | 75,808 | 1/2 | 86,287 | 1/2 | 96,767  |
| 3/4                               | 2,702 | 3/4 | 13,181 | 3/4 | 23,660 | 3/4 | 34,116 | 3/4 | 44,589 | 3/4                     | 55,068 | 3/4 | 65,547 | 3/4 | 76,027 | 3/4 | 86,506 | 3/4 | 96,985  |
| 5                                 | 2,920 | 5   | 13,399 | 5   | 23,878 | 5   | 34,334 | 5   | 44,807 | 5                       | 55,286 | 5   | 65,766 | 5   | 76,245 | 5   | 86,724 | 5   | 97,203  |
| 1/4                               | 3,139 | 1/4 | 13,618 | 1/4 | 24,097 | 1/4 | 34,551 | 1/4 | 45,026 | 1/4                     | 55,505 | 1/4 | 65,984 | 1/4 | 76,463 | 1/4 | 86,942 | 1/4 | 97,422  |
| 1/2                               | 3,357 | 1/2 | 13,836 | 1/2 | 24,315 | 1/2 | 34,769 | 1/2 | 45,244 | 1/2                     | 55,723 | 1/2 | 66,202 | 1/2 | 76,682 | 1/2 | 87,161 | 1/2 | 97,640  |
| 3/4                               | 3,575 | 3/4 | 14,054 | 3/4 | 24,533 | 3/4 | 34,986 | 3/4 | 45,462 | 3/4                     | 55,941 | 3/4 | 66,421 | 3/4 | 76,900 | 3/4 | 87,379 | 3/4 | 97,858  |
| 6                                 | 3,794 | 6   | 14,273 | 6   | 24,752 | 6   | 35,204 | 6   | 45,680 | 6                       | 56,160 | 6   | 66,639 | 6   | 77,118 | 6   | 87,597 | 6   | 98,077  |
| 1/4                               | 4,012 | 1/4 | 14,491 | 1/4 | 24,970 | 1/4 | 35,422 | 1/4 | 45,899 | 1/4                     | 56,378 | 1/4 | 66,857 | 1/4 | 77,336 | 1/4 | 87,816 | 1/4 | 98,295  |
| 1/2                               | 4,230 | 1/2 | 14,709 | 1/2 | 25,188 | 1/2 | 35,639 | 1/2 | 46,117 | 1/2                     | 56,596 | 1/2 | 67,076 | 1/2 | 77,555 | 1/2 | 88,034 | 1/2 | 98,513  |
| 3/4                               | 4,449 | 3/4 | 14,928 | 3/4 | 25,407 | 3/4 | 35,857 | 3/4 | 46,335 | 3/4                     | 56,815 | 3/4 | 67,294 | 3/4 | 77,773 | 3/4 | 88,252 | 3/4 | 98,732  |
| 7                                 | 4,667 | 7   | 15,146 | 7   | 25,625 | 7   | 36,075 | 7   | 46,554 | 7                       | 57,033 | 7   | 67,512 | 7   | 77,991 | 7   | 88,471 | 7   | 98,950  |
| 1/4                               | 4,885 | 1/4 | 15,364 | 1/4 | 25,843 | 1/4 | 36,293 | 1/4 | 46,772 | 1/4                     | 57,251 | 1/4 | 67,731 | 1/4 | 78,210 | 1/4 | 88,689 | 1/4 | 99,168  |
| 1/2                               | 5,104 | 1/2 | 15,583 | 1/2 | 26,061 | 1/2 | 36,511 | 1/2 | 46,990 | 1/2                     | 57,470 | 1/2 | 67,949 | 1/2 | 78,428 | 1/2 | 88,907 | 1/2 | 99,386  |
| 3/4                               | 5,322 | 3/4 | 15,801 | 3/4 | 26,280 | 3/4 | 36,729 | 3/4 | 47,209 | 3/4                     | 57,688 | 3/4 | 68,167 | 3/4 | 78,646 | 3/4 | 89,126 | 3/4 | 99,605  |
| 8                                 | 5,540 | 8   | 16,019 | 8   | 26,498 | 8   | 36,948 | 8   | 47,427 | 8                       | 57,906 | 8   | 68,385 | 8   | 78,865 | 8   | 89,344 | 8   | 99,823  |
| 1/4                               | 5,759 | 1/4 | 16,237 | 1/4 | 26,716 | 1/4 | 37,166 | 1/4 | 47,645 | 1/4                     | 58,125 | 1/4 | 68,604 | 1/4 | 79,083 | 1/4 | 89,562 | 1/4 | 100,041 |
| 1/2                               | 5,977 | 1/2 | 16,456 | 1/2 | 26,935 | 1/2 | 37,384 | 1/2 | 47,864 | 1/2                     | 58,343 | 1/2 | 68,822 | 1/2 | 79,301 | 1/2 | 89,781 | 1/2 | 100,260 |
| 3/4                               | 6,195 | 3/4 | 16,674 | 3/4 | 27,153 | 3/4 | 37,603 | 3/4 | 48,082 | 3/4                     | 58,561 | 3/4 | 69,040 | 3/4 | 79,520 | 3/4 | 89,999 | 3/4 | 100,478 |
| 9                                 | 6,413 | 9   | 16,892 | 9   | 27,371 | 9   | 37,821 | 9   | 48,300 | 9                       | 58,780 | 9   | 69,259 | 9   | 79,738 | 9   | 90,217 | 9   | 100,696 |
| 1/4                               | 6,632 | 1/4 | 17,111 | 1/4 | 27,589 | 1/4 | 38,039 | 1/4 | 48,519 | 1/4                     | 58,998 | 1/4 | 69,477 | 1/4 | 79,956 | 1/4 | 90,435 | 1/4 | 100,915 |
| 1/2                               | 6,850 | 1/2 | 17,329 | 1/2 | 27,806 | 1/2 | 38,258 | 1/2 | 48,737 | 1/2                     | 59,216 | 1/2 | 69,695 | 1/2 | 80,175 | 1/2 | 90,654 | 1/2 | 101,133 |
| 3/4                               | 7,068 | 3/4 | 17,547 | 3/4 | 28,024 | 3/4 | 38,476 | 3/4 | 48,955 | 3/4                     | 59,434 | 3/4 | 69,914 | 3/4 | 80,393 | 3/4 | 90,872 | 3/4 | 101,351 |
| 10                                | 7,287 | 10  | 17,766 | 10  | 28,242 | 10  | 38,694 | 10  | 49,174 | 10                      | 59,653 | 10  | 70,132 | 10  | 80,611 | 10  | 91,090 | 10  | 101,570 |
| 1/4                               | 7,505 | 1/4 | 17,984 | 1/4 | 28,459 | 1/4 | 38,913 | 1/4 | 49,392 | 1/4                     | 59,871 | 1/4 | 70,350 | 1/4 | 80,830 | 1/4 | 91,309 | 1/4 | 101,788 |
| 1/2                               | 7,723 | 1/2 | 18,202 | 1/2 | 28,677 | 1/2 | 39,131 | 1/2 | 49,610 | 1/2                     | 60,089 | 1/2 | 70,569 | 1/2 | 81,048 | 1/2 | 91,527 | 1/2 | 102,006 |
| 3/4                               | 7,942 | 3/4 | 18,421 | 3/4 | 28,894 | 3/4 | 39,349 | 3/4 | 49,828 | 3/4                     | 60,308 | 3/4 | 70,787 | 3/4 | 81,266 | 3/4 | 91,745 | 3/4 | 102,225 |
| 11                                | 8,160 | 11  | 18,639 | 11  | 29,112 | 11  | 39,568 | 11  | 50,047 | 11                      | 60,526 | 11  | 71,005 | 11  | 81,484 | 11  | 91,964 | 11  | 102,443 |
| 1/4                               | 8,378 | 1/4 | 18,857 | 1/4 | 29,329 | 1/4 | 39,786 | 1/4 | 50,265 | 1/4                     | 60,744 | 1/4 | 71,224 | 1/4 | 81,703 | 1/4 | 92,182 | 1/4 | 102,661 |
| 1/2                               | 8,597 | 1/2 | 19,076 | 1/2 | 29,547 | 1/2 | 40,004 | 1/2 | 50,483 | 1/2                     | 60,963 | 1/2 | 71,442 | 1/2 | 81,921 | 1/2 | 92,400 | 1/2 | 102,880 |
| 3/4                               | 8,815 | 3/4 | 19,294 | 3/4 | 29,765 | 3/4 | 40,223 | 3/4 | 50,702 | 3/4                     | 61,181 | 3/4 | 71,660 | 3/4 | 82,139 | 3/4 | 92,619 | 3/4 | 103,098 |

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: GAUGE POINT: TO TOP LIP OF 2" DIAMETER MMC BALL VALVE, LOCATED 0' 10" OFF CENTERLINE

AND 26' 11" FORWARD OF AFT. BULKHEAD.

NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.

NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT CENTERLINE.

NOTE: CAPACITY TABLE REFLECTS GAUGING ON ZERO DATUM LOCATED 1/4" ABOVE TANK BOTTOM.

DATE STRAPPED 4/6/05 BY: BB/LJ

DATE COMPUTED: 4/6/05 BY: WHF

DATE ISSUED: 4/12/05

INTERTEK - CALEB BRETT



**BARGE "CBC 45"**  
HULL NO. 04-2224

**TANK NO. 2**  
INNAGE TABLE

**Intertek** Caleb Brett

GAUGE HEIGHT 16'-8 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

| 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   | 103,316 | 0   | 113,795 | 0   | 124,275 | 0   | 134,754 | 0   | 145,233 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 103,535 | 1/4 | 114,014 | 1/4 | 124,493 | 1/4 | 134,972 | 1/4 | 145,451 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 103,753 | 1/2 | 114,232 | 1/2 | 124,711 | 1/2 | 135,190 | 1/2 | 145,670 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 103,971 | 3/4 | 114,450 | 3/4 | 124,930 | 3/4 | 135,409 | 3/4 | 145,888 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 104,189 | 1   | 114,669 | 1   | 125,148 | 1   | 135,627 | 1   | 146,106 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 104,408 | 1/4 | 114,887 | 1/4 | 125,366 | 1/4 | 135,845 | 1/4 | 146,325 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 104,626 | 1/2 | 115,105 | 1/2 | 125,585 | 1/2 | 136,064 | 1/2 | 146,543 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 104,844 | 3/4 | 115,324 | 3/4 | 125,803 | 3/4 | 136,282 | 3/4 | 146,761 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 105,063 | 2   | 115,542 | 2   | 126,021 | 2   | 136,500 | 2   | 146,980 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 105,281 | 1/4 | 115,760 | 1/4 | 126,239 | 1/4 | 136,719 | 1/4 | 147,198 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 105,499 | 1/2 | 115,979 | 1/2 | 126,458 | 1/2 | 136,937 | 1/2 | 147,416 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 105,718 | 3/4 | 116,197 | 3/4 | 126,676 | 3/4 | 137,155 | 3/4 | 147,635 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 105,936 | 3   | 116,415 | 3   | 126,894 | 3   | 137,374 | 3   | 147,853 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 106,154 | 1/4 | 116,634 | 1/4 | 127,113 | 1/4 | 137,592 | 1/4 | 148,053 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 106,373 | 1/2 | 116,852 | 1/2 | 127,331 | 1/2 | 137,810 | 1/2 | 148,253 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 106,591 | 3/4 | 117,070 | 3/4 | 127,549 | 3/4 | 138,029 | 3/4 | 148,453 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 106,809 | 4   | 117,288 | 4   | 127,768 | 4   | 138,247 | 4   | 148,653 | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 107,028 | 1/4 | 117,507 | 1/4 | 127,986 | 1/4 | 138,465 | 1/4 | 148,817 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 107,246 | 1/2 | 117,725 | 1/2 | 128,204 | 1/2 | 138,684 | 1/2 | 148,981 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 107,464 | 3/4 | 117,943 | 3/4 | 128,423 | 3/4 | 138,902 | 3/4 | 149,145 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 107,683 | 5   | 118,162 | 5   | 128,641 | 5   | 139,120 | 5   | 149,308 | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 107,901 | 1/4 | 118,380 | 1/4 | 128,859 | 1/4 | 139,339 | 1/4 | 149,436 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 108,119 | 1/2 | 118,598 | 1/2 | 129,078 | 1/2 | 139,557 | 1/2 | 149,563 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 108,337 | 3/4 | 118,817 | 3/4 | 129,296 | 3/4 | 139,775 | 3/4 | 149,690 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 108,556 | 6   | 119,035 | 6   | 129,514 | 6   | 139,993 | 6   | 149,818 | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 108,774 | 1/4 | 119,253 | 1/4 | 129,733 | 1/4 | 140,212 | 1/4 | 149,909 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 108,992 | 1/2 | 119,472 | 1/2 | 129,951 | 1/2 | 140,430 | 1/2 | 150,000 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 109,211 | 3/4 | 119,690 | 3/4 | 130,169 | 3/4 | 140,648 | 3/4 | 150,054 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 109,429 | 7   | 119,908 | 7   | 130,388 | 7   | 140,867 | 7   | 150,109 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 109,647 | 1/4 | 120,127 | 1/4 | 130,606 | 1/4 | 141,085 | 1/4 | 150,163 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 109,866 | 1/2 | 120,345 | 1/2 | 130,824 | 1/2 | 141,303 | 1/2 | 150,218 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 110,084 | 3/4 | 120,563 | 3/4 | 131,042 | 3/4 | 141,522 | 3/4 | 150,254 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 110,302 | 8   | 120,782 | 8   | 131,261 | 8   | 141,740 | 8   | 150,291 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 110,521 | 1/4 | 121,000 | 1/4 | 131,479 | 1/4 | 141,958 | 1/4 | 150,327 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 110,739 | 1/2 | 121,218 | 1/2 | 131,697 | 1/2 | 142,177 | 1/2 | 150,371 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 110,957 | 3/4 | 121,437 | 3/4 | 131,916 | 3/4 | 142,395 | 3/4 | 150,415 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 111,176 | 9   | 121,655 | 9   | 132,134 | 9   | 142,613 | 9   | 150,459 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 111,394 | 1/4 | 121,873 | 1/4 | 132,352 | 1/4 | 142,832 | 1/4 | 150,503 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 111,612 | 1/2 | 122,091 | 1/2 | 132,571 | 1/2 | 143,050 | 1/2 | 150,547 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 111,831 | 3/4 | 122,310 | 3/4 | 132,789 | 3/4 | 143,268 | 3/4 | 150,591 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 112,049 | 10  | 122,528 | 10  | 133,007 | 10  | 143,487 | 10  | 150,635 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 112,267 | 1/4 | 122,746 | 1/4 | 133,226 | 1/4 | 143,705 | 1/4 | 150,679 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 112,485 | 1/2 | 122,965 | 1/2 | 133,444 | 1/2 | 143,923 | 1/2 | 150,723 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 112,704 | 3/4 | 123,183 | 3/4 | 133,662 | 3/4 | 144,141 | 3/4 | 150,767 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 112,922 | 11  | 123,401 | 11  | 133,881 | 11  | 144,360 | 11  | 150,811 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 113,140 | 1/4 | 123,620 | 1/4 | 134,100 | 1/4 | 144,578 | 1/4 | 150,855 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 113,359 | 1/2 | 123,838 | 1/2 | 134,317 | 1/2 | 144,796 | 1/2 | 150,899 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 113,577 | 3/4 | 124,056 | 3/4 | 134,536 | 3/4 | 145,015 | 3/4 | 150,943 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES  
OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED 4/8/05 BY: BB/LJ  
DATE COMPUTED: 4/8/05 BY: WHF  
DATE ISSUED: 4/12/05

**INTERTEK - CALEB BRETT**

# **BARGE "CBC 45"** HULL NO. 04-2224

# **TANK NO. 3** INNAGE TABLE

| CAPACITIES GIVEN IN WHOLE GALLONS |       |     |        |     |        |     |        |     |        | GAUGE HEIGHT 16'- 10 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                                 | 28    | 0   | 8,991  | 0   | 19,420 | 0   | 29,848 | 0   | 40,275 | 0                         | 50,705 | 0   | 61,134 | 0   | 71,564 | 0   | 81,994 | 0   | 92,424  |
| 1/4                               | 55    | 1/4 | 9,208  | 1/4 | 19,637 | 1/4 | 30,065 | 1/4 | 40,492 | 1/4                       | 50,922 | 1/4 | 61,352 | 1/4 | 71,782 | 1/4 | 82,211 | 1/4 | 92,641  |
| 1/2                               | 82    | 1/2 | 9,425  | 1/2 | 19,855 | 1/2 | 30,282 | 1/2 | 40,709 | 1/2                       | 51,139 | 1/2 | 61,569 | 1/2 | 71,999 | 1/2 | 82,429 | 1/2 | 92,858  |
| 3/4                               | 109   | 3/4 | 9,642  | 3/4 | 20,072 | 3/4 | 30,500 | 3/4 | 40,927 | 3/4                       | 51,357 | 3/4 | 61,786 | 3/4 | 72,216 | 3/4 | 82,646 | 3/4 | 93,076  |
| 1                                 | 191   | 1   | 9,860  | 1   | 20,289 | 1   | 30,717 | 1   | 41,144 | 1                         | 51,574 | 1   | 62,004 | 1   | 72,433 | 1   | 82,863 | 1   | 93,293  |
| 1/4                               | 272   | 1/4 | 10,077 | 1/4 | 20,507 | 1/4 | 30,934 | 1/4 | 41,361 | 1/4                       | 51,791 | 1/4 | 62,221 | 1/4 | 72,651 | 1/4 | 83,080 | 1/4 | 93,510  |
| 1/2                               | 354   | 1/2 | 10,294 | 1/2 | 20,724 | 1/2 | 31,151 | 1/2 | 41,579 | 1/2                       | 52,008 | 1/2 | 62,438 | 1/2 | 72,868 | 1/2 | 83,298 | 1/2 | 93,728  |
| 3/4                               | 435   | 3/4 | 10,512 | 3/4 | 20,941 | 3/4 | 31,368 | 3/4 | 41,796 | 3/4                       | 52,226 | 3/4 | 62,655 | 3/4 | 73,085 | 3/4 | 83,515 | 3/4 | 93,945  |
| 2                                 | 571   | 2   | 10,729 | 2   | 21,158 | 2   | 31,585 | 2   | 42,013 | 2                         | 52,443 | 2   | 62,873 | 2   | 73,303 | 2   | 83,732 | 2   | 94,162  |
| 1/4                               | 707   | 1/4 | 10,946 | 1/4 | 21,376 | 1/4 | 31,802 | 1/4 | 42,230 | 1/4                       | 52,660 | 1/4 | 63,090 | 1/4 | 73,520 | 1/4 | 83,950 | 1/4 | 94,379  |
| 1/2                               | 843   | 1/2 | 11,163 | 1/2 | 21,593 | 1/2 | 32,020 | 1/2 | 42,448 | 1/2                       | 52,878 | 1/2 | 63,307 | 1/2 | 73,737 | 1/2 | 84,167 | 1/2 | 94,597  |
| 3/4                               | 978   | 3/4 | 11,381 | 3/4 | 21,810 | 3/4 | 32,237 | 3/4 | 42,665 | 3/4                       | 53,095 | 3/4 | 63,525 | 3/4 | 73,954 | 3/4 | 84,384 | 3/4 | 94,814  |
| 3                                 | 1,168 | 3   | 11,598 | 3   | 22,027 | 3   | 32,454 | 3   | 42,882 | 3                         | 53,312 | 3   | 63,742 | 3   | 74,172 | 3   | 84,602 | 3   | 95,031  |
| 1/4                               | 1,386 | 1/4 | 11,815 | 1/4 | 22,245 | 1/4 | 32,671 | 1/4 | 43,100 | 1/4                       | 53,529 | 1/4 | 63,959 | 1/4 | 74,389 | 1/4 | 84,819 | 1/4 | 95,249  |
| 1/2                               | 1,603 | 1/2 | 12,033 | 1/2 | 22,462 | 1/2 | 32,888 | 1/2 | 43,317 | 1/2                       | 53,747 | 1/2 | 64,176 | 1/2 | 74,606 | 1/2 | 85,036 | 1/2 | 95,466  |
| 3/4                               | 1,820 | 3/4 | 12,250 | 3/4 | 22,679 | 3/4 | 33,106 | 3/4 | 43,534 | 3/4                       | 53,964 | 3/4 | 64,394 | 3/4 | 74,824 | 3/4 | 85,253 | 3/4 | 95,683  |
| 4                                 | 2,038 | 4   | 12,467 | 4   | 22,897 | 4   | 33,323 | 4   | 43,751 | 4                         | 54,181 | 4   | 64,611 | 4   | 75,041 | 4   | 85,471 | 4   | 95,900  |
| 1/4                               | 2,255 | 1/4 | 12,684 | 1/4 | 23,114 | 1/4 | 33,540 | 1/4 | 43,969 | 1/4                       | 54,399 | 1/4 | 64,828 | 1/4 | 75,258 | 1/4 | 85,688 | 1/4 | 96,118  |
| 1/2                               | 2,472 | 1/2 | 12,902 | 1/2 | 23,331 | 1/2 | 33,757 | 1/2 | 44,186 | 1/2                       | 54,616 | 1/2 | 65,046 | 1/2 | 75,475 | 1/2 | 85,905 | 1/2 | 96,335  |
| 3/4                               | 2,689 | 3/4 | 13,119 | 3/4 | 23,548 | 3/4 | 33,974 | 3/4 | 44,403 | 3/4                       | 54,833 | 3/4 | 65,263 | 3/4 | 75,693 | 3/4 | 86,123 | 3/4 | 96,552  |
| 5                                 | 2,907 | 5   | 13,336 | 5   | 23,766 | 5   | 34,192 | 5   | 44,621 | 5                         | 55,050 | 5   | 65,480 | 5   | 75,910 | 5   | 86,340 | 5   | 96,770  |
| 1/4                               | 3,124 | 1/4 | 13,554 | 1/4 | 23,983 | 1/4 | 34,409 | 1/4 | 44,838 | 1/4                       | 55,268 | 1/4 | 65,698 | 1/4 | 76,127 | 1/4 | 86,557 | 1/4 | 96,987  |
| 1/2                               | 3,341 | 1/2 | 13,771 | 1/2 | 24,200 | 1/2 | 34,626 | 1/2 | 45,055 | 1/2                       | 55,485 | 1/2 | 65,915 | 1/2 | 76,345 | 1/2 | 86,774 | 1/2 | 97,204  |
| 3/4                               | 3,559 | 3/4 | 13,988 | 3/4 | 24,418 | 3/4 | 34,843 | 3/4 | 45,273 | 3/4                       | 55,702 | 3/4 | 66,132 | 3/4 | 76,562 | 3/4 | 86,992 | 3/4 | 97,421  |
| 6                                 | 3,776 | 6   | 14,205 | 6   | 24,635 | 6   | 35,060 | 6   | 45,490 | 6                         | 55,920 | 6   | 66,349 | 6   | 76,779 | 6   | 87,209 | 6   | 97,639  |
| 1/4                               | 3,993 | 1/4 | 14,423 | 1/4 | 24,852 | 1/4 | 35,278 | 1/4 | 45,707 | 1/4                       | 56,137 | 1/4 | 66,567 | 1/4 | 76,996 | 1/4 | 87,426 | 1/4 | 97,856  |
| 1/2                               | 4,210 | 1/2 | 14,640 | 1/2 | 25,069 | 1/2 | 35,495 | 1/2 | 45,924 | 1/2                       | 56,354 | 1/2 | 66,784 | 1/2 | 77,214 | 1/2 | 87,644 | 1/2 | 98,073  |
| 3/4                               | 4,428 | 3/4 | 14,857 | 3/4 | 25,287 | 3/4 | 35,712 | 3/4 | 46,142 | 3/4                       | 56,571 | 3/4 | 67,001 | 3/4 | 77,431 | 3/4 | 87,861 | 3/4 | 98,291  |
| 7                                 | 4,645 | 7   | 15,074 | 7   | 25,504 | 7   | 35,929 | 7   | 46,359 | 7                         | 56,789 | 7   | 67,219 | 7   | 77,648 | 7   | 88,078 | 7   | 98,508  |
| 1/4                               | 4,862 | 1/4 | 15,292 | 1/4 | 25,721 | 1/4 | 36,146 | 1/4 | 46,576 | 1/4                       | 57,006 | 1/4 | 67,436 | 1/4 | 77,866 | 1/4 | 88,295 | 1/4 | 98,725  |
| 1/2                               | 5,080 | 1/2 | 15,509 | 1/2 | 25,939 | 1/2 | 36,364 | 1/2 | 46,794 | 1/2                       | 57,223 | 1/2 | 67,653 | 1/2 | 78,083 | 1/2 | 88,513 | 1/2 | 98,942  |
| 3/4                               | 5,297 | 3/4 | 15,726 | 3/4 | 26,156 | 3/4 | 36,581 | 3/4 | 47,011 | 3/4                       | 57,441 | 3/4 | 67,870 | 3/4 | 78,300 | 3/4 | 88,730 | 3/4 | 99,160  |
| 8                                 | 5,514 | 8   | 15,944 | 8   | 26,373 | 8   | 36,798 | 8   | 47,228 | 8                         | 57,658 | 8   | 68,088 | 8   | 78,517 | 8   | 88,947 | 8   | 99,377  |
| 1/4                               | 5,731 | 1/4 | 16,161 | 1/4 | 26,590 | 1/4 | 37,016 | 1/4 | 47,445 | 1/4                       | 57,875 | 1/4 | 68,305 | 1/4 | 78,735 | 1/4 | 89,165 | 1/4 | 99,594  |
| 1/2                               | 5,949 | 1/2 | 16,378 | 1/2 | 26,808 | 1/2 | 37,233 | 1/2 | 47,663 | 1/2                       | 58,092 | 1/2 | 68,522 | 1/2 | 78,952 | 1/2 | 89,382 | 1/2 | 99,812  |
| 3/4                               | 6,166 | 3/4 | 16,595 | 3/4 | 27,025 | 3/4 | 37,450 | 3/4 | 47,880 | 3/4                       | 58,310 | 3/4 | 68,740 | 3/4 | 79,169 | 3/4 | 89,599 | 3/4 | 100,029 |
| 9                                 | 6,383 | 9   | 16,813 | 9   | 27,242 | 9   | 37,667 | 9   | 48,097 | 9                         | 58,527 | 9   | 68,957 | 9   | 79,387 | 9   | 89,816 | 9   | 100,246 |
| 1/4                               | 6,601 | 1/4 | 17,030 | 1/4 | 27,459 | 1/4 | 37,885 | 1/4 | 48,315 | 1/4                       | 58,744 | 1/4 | 69,174 | 1/4 | 79,604 | 1/4 | 90,034 | 1/4 | 100,463 |
| 1/2                               | 6,818 | 1/2 | 17,247 | 1/2 | 27,677 | 1/2 | 38,102 | 1/2 | 48,532 | 1/2                       | 58,962 | 1/2 | 69,391 | 1/2 | 79,821 | 1/2 | 90,251 | 1/2 | 100,681 |
| 3/4                               | 7,035 | 3/4 | 17,465 | 3/4 | 27,894 | 3/4 | 38,319 | 3/4 | 48,749 | 3/4                       | 59,179 | 3/4 | 69,609 | 3/4 | 80,038 | 3/4 | 90,468 | 3/4 | 100,898 |
| 10                                | 7,252 | 10  | 17,682 | 10  | 28,111 | 10  | 38,537 | 10  | 48,966 | 10                        | 59,396 | 10  | 69,826 | 10  | 80,256 | 10  | 90,686 | 10  | 101,115 |
| 1/4                               | 7,470 | 1/4 | 17,899 | 1/4 | 28,328 | 1/4 | 38,754 | 1/4 | 49,184 | 1/4                       | 59,613 | 1/4 | 70,043 | 1/4 | 80,473 | 1/4 | 90,903 | 1/4 | 101,333 |
| 1/2                               | 7,687 | 1/2 | 18,116 | 1/2 | 28,545 | 1/2 | 38,971 | 1/2 | 49,401 | 1/2                       | 59,831 | 1/2 | 70,261 | 1/2 | 80,690 | 1/2 | 91,120 | 1/2 | 101,553 |
| 3/4                               | 7,904 | 3/4 | 18,334 | 3/4 | 28,762 | 3/4 | 39,188 | 3/4 | 49,618 | 3/4                       | 60,048 | 3/4 | 70,478 | 3/4 | 80,908 | 3/4 | 91,337 | 3/4 | 101,767 |
| 11                                | 8,121 | 11  | 18,551 | 11  | 28,979 | 11  | 39,406 | 11  | 49,836 | 11                        | 60,265 | 11  | 70,695 | 11  | 81,125 | 11  | 91,555 | 11  | 101,984 |
| 1/4                               | 8,339 | 1/4 | 18,768 | 1/4 | 29,197 | 1/4 | 39,623 | 1/4 | 50,053 | 1/4                       | 60,483 | 1/4 | 70,912 | 1/4 | 81,342 | 1/4 | 91,772 | 1/4 | 102,204 |
| 1/2                               | 8,556 | 1/2 | 18,986 | 1/2 | 29,414 | 1/2 | 39,840 | 1/2 | 50,270 | 1/2                       | 60,700 | 1/2 | 71,130 | 1/2 | 81,559 | 1/2 | 91,989 | 1/2 | 102,419 |
| 3/4                               | 8,773 | 3/4 | 19,203 | 3/4 | 29,631 | 3/4 | 40,058 | 3/4 | 50,487 | 3/4                       | 60,917 | 3/4 | 71,347 | 3/4 | 81,777 | 3/4 | 92,207 | 3/4 | 102,636 |

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: GAUGE POINT: TO TOP LIP OF 2" DIAMETER MMC BALL VALVE, LOCATED 0'- 10" OFF CENTERLINE

NOTE: 27'- 3" FORWARD OF AFT. BULKHEAD.

NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.

NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT CENTERLINE.

NOTE: CAPACITY TABLE REFLECTS GAUGING ON ZERO DATUM LOCATED 1/4" ABOVE TANK BOTTOM.

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DATE STRAPPED 4/6/05 BY: BB/LJ

DATE COMPUTED: 4/6/05 BY: WHF

DATE ISSUED: 4/7/05

INTERTEK - CALEB BRETT



GAUGE HEIGHT 16'-10 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS.

|     | 10 FT. | 11 FT.  | 12 FT. | 13 FT. | 14 FT. | 15 FT. | 16 FT. | 17 FT. | 18 FT. | 19 FT. |
|-----|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| IN  | IN     | IN      | IN     | IN     | IN     | IN     | IN     | IN     | IN     | IN     |
| 0   | 0      | 113,283 | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| 1/4 | 1/4    | 113,501 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 113,718 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 113,935 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |
| 1   | 1      | 114,153 | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| 1/4 | 1/4    | 114,370 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 114,587 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 114,804 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |
| 2   | 2      | 115,022 | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| 1/4 | 1/4    | 115,239 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 115,456 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 115,674 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |
| 3   | 3      | 115,891 | 3      | 3      | 3      | 3      | 3      | 3      | 3      | 3      |
| 1/4 | 1/4    | 116,108 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 116,325 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 116,543 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |
| 4   | 4      | 116,760 | 4      | 4      | 4      | 4      | 4      | 4      | 4      | 4      |
| 1/4 | 1/4    | 116,977 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 117,195 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 117,412 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |
| 5   | 5      | 117,629 | 5      | 5      | 5      | 5      | 5      | 5      | 5      | 5      |
| 1/4 | 1/4    | 117,846 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 118,064 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 118,281 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |
| 6   | 6      | 118,498 | 6      | 6      | 6      | 6      | 6      | 6      | 6      | 6      |
| 1/4 | 1/4    | 118,716 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 118,933 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 119,150 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |
| 7   | 7      | 119,367 | 7      | 7      | 7      | 7      | 7      | 7      | 7      | 7      |
| 1/4 | 1/4    | 119,585 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 119,802 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 120,019 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |
| 8   | 8      | 120,237 | 8      | 8      | 8      | 8      | 8      | 8      | 8      | 8      |
| 1/4 | 1/4    | 120,454 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 120,671 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 120,888 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |
| 9   | 9      | 121,106 | 9      | 9      | 9      | 9      | 9      | 9      | 9      | 9      |
| 1/4 | 1/4    | 121,323 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 121,540 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 121,758 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |
| 10  | 10     | 121,975 | 10     | 10     | 10     | 10     | 10     | 10     | 10     | 10     |
| 1/4 | 1/4    | 122,192 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 122,409 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 122,627 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |
| 11  | 11     | 122,844 | 11     | 11     | 11     | 11     | 11     | 11     | 11     | 11     |
| 1/4 | 1/4    | 123,061 | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1/2    | 123,279 | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 3/4    | 123,496 | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    | 3/4    |

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES  
OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED 4/8/05 BY: BBLJ  
DATE COMPUTED: 4/8/05 BY: WHF  
DATE ISSUED: 4/12/05

**INTERTEK - CALEB BRETT**

**BARGE "CBC 45"**  
HULL NO. 04-2224

**TANK NO. 1**  
ULLAGE TABLE

| CAPACITIES GIVEN IN WHOLE GALLONS |       |     |         |     |         |     |         |     |         | FOR GAUGING WITH MMC GAUGE TAPE ONLY |         |     |         |     |        |     |        |     |        | GAUGE HEIGHT 17' 3 1/4" |  |  |  |
|-----------------------------------|-------|-----|---------|-----|---------|-----|---------|-----|---------|--------------------------------------|---------|-----|---------|-----|--------|-----|--------|-----|--------|-------------------------|--|--|--|
| IN                                | 2 FT. | IN  | 3 FT.   | IN  | 4 FT.   | IN  | 5 FT.   | IN  | 6 FT.   | IN                                   | 7 FT.   | IN  | 8 FT.   | IN  | 9 FT.  | IN  | 10 FT. | IN  | 11 FT. |                         |  |  |  |
| 0                                 |       | 0   | 158,802 | 0   | 148,512 | 0   | 138,194 | 0   | 127,876 | 0                                    | 116,516 | 0   | 105,034 | 0   | 93,552 | 0   | 82,070 | 0   | 70,588 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 158,606 | 1/4 | 148,298 | 1/4 | 137,979 | 1/4 | 127,661 | 1/4                                  | 116,277 | 1/4 | 104,795 | 1/4 | 93,313 | 1/4 | 81,831 | 1/4 | 70,349 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 158,401 | 1/2 | 148,083 | 1/2 | 137,765 | 1/2 | 127,446 | 1/2                                  | 116,037 | 1/2 | 104,556 | 1/2 | 93,074 | 1/2 | 81,592 | 1/2 | 70,110 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 158,186 | 3/4 | 147,868 | 3/4 | 137,550 | 3/4 | 127,232 | 3/4                                  | 115,798 | 3/4 | 104,316 | 3/4 | 92,834 | 3/4 | 81,353 | 3/4 | 69,871 |                         |  |  |  |
| 1                                 | 1     | 1   | 157,971 | 1   | 147,653 | 1   | 137,335 | 1   | 127,017 | 1                                    | 115,559 | 1   | 104,077 | 1   | 92,595 | 1   | 81,113 | 1   | 69,632 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 157,756 | 1/4 | 147,438 | 1/4 | 137,120 | 1/4 | 126,802 | 1/4                                  | 115,320 | 1/4 | 103,838 | 1/4 | 92,356 | 1/4 | 80,874 | 1/4 | 69,392 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 157,541 | 1/2 | 147,223 | 1/2 | 136,905 | 1/2 | 126,562 | 1/2                                  | 115,081 | 1/2 | 103,599 | 1/2 | 92,117 | 1/2 | 80,635 | 1/2 | 69,153 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 157,326 | 3/4 | 147,008 | 3/4 | 136,690 | 3/4 | 126,323 | 3/4                                  | 114,841 | 3/4 | 103,360 | 3/4 | 91,878 | 3/4 | 80,396 | 3/4 | 68,914 |                         |  |  |  |
| 2                                 | 2     | 2   | 157,111 | 2   | 146,793 | 2   | 136,475 | 2   | 126,084 | 2                                    | 114,602 | 2   | 103,120 | 2   | 91,638 | 2   | 80,157 | 2   | 68,675 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 156,896 | 1/4 | 146,578 | 1/4 | 136,260 | 1/4 | 125,845 | 1/4                                  | 114,363 | 1/4 | 102,881 | 1/4 | 91,399 | 1/4 | 79,917 | 1/4 | 68,436 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 156,681 | 1/2 | 146,363 | 1/2 | 136,045 | 1/2 | 125,606 | 1/2                                  | 114,124 | 1/2 | 102,642 | 1/2 | 91,160 | 1/2 | 79,678 | 1/2 | 68,196 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 156,466 | 3/4 | 146,148 | 3/4 | 135,830 | 3/4 | 125,366 | 3/4                                  | 113,885 | 3/4 | 102,403 | 3/4 | 90,921 | 3/4 | 79,439 | 3/4 | 67,957 |                         |  |  |  |
| 3                                 | 3     | 3   | 156,251 | 3   | 145,933 | 3   | 135,615 | 3   | 125,127 | 3                                    | 113,645 | 3   | 102,163 | 3   | 90,682 | 3   | 79,200 | 3   | 67,718 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 156,036 | 1/4 | 145,718 | 1/4 | 135,400 | 1/4 | 124,888 | 1/4                                  | 113,406 | 1/4 | 101,924 | 1/4 | 90,442 | 1/4 | 78,961 | 1/4 | 67,479 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 155,821 | 1/2 | 145,503 | 1/2 | 135,185 | 1/2 | 124,649 | 1/2                                  | 113,167 | 1/2 | 101,685 | 1/2 | 90,203 | 1/2 | 78,721 | 1/2 | 67,240 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 155,606 | 3/4 | 145,288 | 3/4 | 134,970 | 3/4 | 124,410 | 3/4                                  | 112,928 | 3/4 | 101,446 | 3/4 | 89,964 | 3/4 | 78,482 | 3/4 | 67,000 |                         |  |  |  |
| 4                                 | 4     | 4   | 155,391 | 4   | 145,073 | 4   | 134,755 | 4   | 124,170 | 4                                    | 112,688 | 4   | 101,207 | 4   | 89,725 | 4   | 78,243 | 4   | 66,761 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 155,176 | 1/4 | 144,858 | 1/4 | 134,540 | 1/4 | 123,931 | 1/4                                  | 112,449 | 1/4 | 100,967 | 1/4 | 89,486 | 1/4 | 78,004 | 1/4 | 66,522 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 154,961 | 1/2 | 144,643 | 1/2 | 134,325 | 1/2 | 123,692 | 1/2                                  | 112,210 | 1/2 | 100,728 | 1/2 | 89,246 | 1/2 | 77,765 | 1/2 | 66,283 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 154,746 | 3/4 | 144,428 | 3/4 | 134,110 | 3/4 | 123,453 | 3/4                                  | 111,971 | 3/4 | 100,489 | 3/4 | 89,007 | 3/4 | 77,525 | 3/4 | 66,044 |                         |  |  |  |
| 5                                 | 5     | 5   | 154,531 | 5   | 144,213 | 5   | 133,895 | 5   | 123,214 | 5                                    | 111,732 | 5   | 100,250 | 5   | 88,768 | 5   | 77,286 | 5   | 65,804 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 154,316 | 1/4 | 143,998 | 1/4 | 133,680 | 1/4 | 122,974 | 1/4                                  | 111,492 | 1/4 | 100,011 | 1/4 | 88,529 | 1/4 | 77,047 | 1/4 | 65,565 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 154,101 | 1/2 | 143,783 | 1/2 | 133,465 | 1/2 | 122,735 | 1/2                                  | 111,253 | 1/2 | 99,771  | 1/2 | 88,290 | 1/2 | 76,808 | 1/2 | 65,326 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 153,886 | 3/4 | 143,568 | 3/4 | 133,250 | 3/4 | 122,496 | 3/4                                  | 111,014 | 3/4 | 99,532  | 3/4 | 88,050 | 3/4 | 76,569 | 3/4 | 65,087 |                         |  |  |  |
| 6                                 | 6     | 6   | 153,672 | 6   | 143,353 | 6   | 133,035 | 6   | 122,257 | 6                                    | 110,775 | 6   | 99,293  | 6   | 87,811 | 6   | 76,329 | 6   | 64,848 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 153,457 | 1/4 | 143,139 | 1/4 | 132,820 | 1/4 | 122,017 | 1/4                                  | 110,536 | 1/4 | 99,054  | 1/4 | 87,572 | 1/4 | 76,090 | 1/4 | 64,608 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 153,242 | 1/2 | 142,924 | 1/2 | 132,605 | 1/2 | 121,778 | 1/2                                  | 110,296 | 1/2 | 98,815  | 1/2 | 87,333 | 1/2 | 75,851 | 1/2 | 64,369 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 153,027 | 3/4 | 142,709 | 3/4 | 132,391 | 3/4 | 121,539 | 3/4                                  | 110,057 | 3/4 | 98,575  | 3/4 | 87,094 | 3/4 | 75,612 | 3/4 | 64,130 |                         |  |  |  |
| 7                                 | 7     | 7   | 152,812 | 7   | 142,494 | 7   | 132,176 | 7   | 121,300 | 7                                    | 109,818 | 7   | 98,336  | 7   | 86,854 | 7   | 75,373 | 7   | 63,891 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 152,597 | 1/4 | 142,279 | 1/4 | 131,961 | 1/4 | 121,061 | 1/4                                  | 109,579 | 1/4 | 98,097  | 1/4 | 86,615 | 1/4 | 75,133 | 1/4 | 63,651 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 152,382 | 1/2 | 142,064 | 1/2 | 131,746 | 1/2 | 120,821 | 1/2                                  | 109,340 | 1/2 | 97,858  | 1/2 | 86,376 | 1/2 | 74,894 | 1/2 | 63,412 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 152,167 | 3/4 | 141,849 | 3/4 | 131,531 | 3/4 | 120,582 | 3/4                                  | 109,100 | 3/4 | 97,619  | 3/4 | 86,137 | 3/4 | 74,655 | 3/4 | 63,173 |                         |  |  |  |
| 8                                 | 8     | 8   | 151,952 | 8   | 141,634 | 8   | 131,316 | 8   | 120,343 | 8                                    | 108,861 | 8   | 97,379  | 8   | 85,898 | 8   | 74,416 | 8   | 62,934 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 151,737 | 1/4 | 141,419 | 1/4 | 131,101 | 1/4 | 120,104 | 1/4                                  | 108,622 | 1/4 | 97,140  | 1/4 | 85,658 | 1/4 | 74,177 | 1/4 | 62,695 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 151,522 | 1/2 | 141,204 | 1/2 | 130,886 | 1/2 | 119,865 | 1/2                                  | 108,383 | 1/2 | 96,901  | 1/2 | 85,419 | 1/2 | 73,937 | 1/2 | 62,455 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 151,307 | 3/4 | 140,989 | 3/4 | 130,671 | 3/4 | 119,625 | 3/4                                  | 108,144 | 3/4 | 96,662  | 3/4 | 85,180 | 3/4 | 73,698 | 3/4 | 62,216 |                         |  |  |  |
| 9                                 | 9     | 9   | 151,092 | 9   | 140,774 | 9   | 130,456 | 9   | 119,386 | 9                                    | 107,904 | 9   | 96,423  | 9   | 84,941 | 9   | 73,459 | 9   | 61,977 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 150,877 | 1/4 | 140,559 | 1/4 | 130,241 | 1/4 | 119,147 | 1/4                                  | 107,665 | 1/4 | 96,183  | 1/4 | 84,702 | 1/4 | 73,220 | 1/4 | 61,738 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 150,662 | 1/2 | 140,344 | 1/2 | 130,026 | 1/2 | 118,908 | 1/2                                  | 107,426 | 1/2 | 95,944  | 1/2 | 84,462 | 1/2 | 72,980 | 1/2 | 61,499 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 150,447 | 3/4 | 140,129 | 3/4 | 129,811 | 3/4 | 118,669 | 3/4                                  | 107,187 | 3/4 | 95,705  | 3/4 | 84,223 | 3/4 | 72,741 | 3/4 | 61,259 |                         |  |  |  |
| 10                                | 10    | 10  | 150,232 | 10  | 139,914 | 10  | 129,596 | 10  | 118,429 | 10                                   | 106,948 | 10  | 95,466  | 10  | 83,984 | 10  | 72,502 | 10  | 61,020 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 150,017 | 1/4 | 139,699 | 1/4 | 129,381 | 1/4 | 118,190 | 1/4                                  | 106,708 | 1/4 | 95,227  | 1/4 | 83,745 | 1/4 | 72,263 | 1/4 | 60,781 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 149,802 | 1/2 | 139,484 | 1/2 | 129,166 | 1/2 | 117,951 | 1/2                                  | 106,469 | 1/2 | 94,987  | 1/2 | 83,505 | 1/2 | 72,024 | 1/2 | 60,542 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 149,587 | 3/4 | 139,269 | 3/4 | 128,951 | 3/4 | 117,712 | 3/4                                  | 106,230 | 3/4 | 94,748  | 3/4 | 83,266 | 3/4 | 71,784 | 3/4 | 60,303 |                         |  |  |  |
| 11                                | 11    | 11  | 149,372 | 11  | 139,054 | 11  | 128,736 | 11  | 117,473 | 11                                   | 105,991 | 11  | 94,509  | 11  | 83,027 | 11  | 71,545 | 11  | 60,063 |                         |  |  |  |
| 1/4                               | 1/4   | 1/4 | 149,157 | 1/4 | 138,839 | 1/4 | 128,521 | 1/4 | 117,233 | 1/4                                  | 105,752 | 1/4 | 94,270  | 1/4 | 82,788 | 1/4 | 71,306 | 1/4 | 59,824 |                         |  |  |  |
| 1/2                               | 1/2   | 1/2 | 148,942 | 1/2 | 138,624 | 1/2 | 128,306 | 1/2 | 116,994 | 1/2                                  | 105,512 | 1/2 | 94,031  | 1/2 | 82,549 | 1/2 | 71,067 | 1/2 | 59,585 |                         |  |  |  |
| 3/4                               | 3/4   | 3/4 | 148,727 | 3/4 | 138,409 | 3/4 | 128,091 | 3/4 | 116,755 | 3/4                                  | 105,273 | 3/4 | 93,791  | 3/4 | 82,309 | 3/4 | 70,828 | 3/4 | 59,346 |                         |  |  |  |

GAUGE HEIGHT 77' 3 1/4"

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

INTERTEK - CALEB BRETT

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# **BARGE "CBC 45"** HULL NO. 04-2224

## **TANK NO. 2** ULLAGE TABLE

GAUGE HEIGHT 17'-2 3/4"

FOR GAUGING WITH MMC GAUGE TAPE ONLY

| CAPACITIES GIVEN IN WHOLE GALLONS |       |         |       | 7 FT.   |       |         |       | 8 FT.   |       |         |       | 9 FT.  |       |        |       | 10 FT. |        |        |        | 11 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. | IN     | 10 FT. | IN     | 11 FT. | IN     | 12 FT. | IN     | 13 FT. |
| 0                                 | 0     | 147,635 | 0     | 137,155 | 0     | 126,676 | 0     | 116,197 | 0     | 105,718 | 0     | 95,238 | 0     | 84,759 | 0     | 74,280 | 0      | 63,801 | 0      | 53,322 | 0      | 42,843 | 0      |
| 1/4                               | 1/4   | 147,416 | 1/4   | 136,937 | 1/4   | 126,458 | 1/4   | 115,979 | 1/4   | 105,499 | 1/4   | 95,020 | 1/4   | 84,541 | 1/4   | 74,062 | 1/4    | 63,582 | 1/4    | 53,103 | 1/4    | 42,624 | 1/4    |
| 1/2                               | 1/2   | 147,198 | 1/2   | 136,719 | 1/2   | 126,239 | 1/2   | 115,760 | 1/2   | 105,281 | 1/2   | 94,802 | 1/2   | 84,323 | 1/2   | 73,843 | 1/2    | 63,364 | 1/2    | 52,885 | 1/2    | 42,406 | 1/2    |
| 3/4                               | 3/4   | 146,980 | 3/4   | 136,500 | 3/4   | 126,021 | 3/4   | 115,542 | 3/4   | 105,063 | 3/4   | 94,584 | 3/4   | 84,104 | 3/4   | 73,625 | 3/4    | 63,146 | 3/4    | 52,667 | 3/4    | 42,188 | 3/4    |
| 1                                 | 1     | 146,761 | 1     | 136,282 | 1     | 125,803 | 1     | 115,324 | 1     | 104,844 | 1     | 94,365 | 1     | 83,886 | 1     | 73,407 | 1      | 62,928 | 1      | 52,449 | 1      | 41,970 | 1      |
| 1/4                               | 1/4   | 146,543 | 1/4   | 136,064 | 1/4   | 125,585 | 1/4   | 115,105 | 1/4   | 104,626 | 1/4   | 94,147 | 1/4   | 83,668 | 1/4   | 73,188 | 1/4    | 62,709 | 1/4    | 52,230 | 1/4    | 41,751 | 1/4    |
| 1/2                               | 1/2   | 146,325 | 1/2   | 135,846 | 1/2   | 125,366 | 1/2   | 114,887 | 1/2   | 104,408 | 1/2   | 93,929 | 1/2   | 83,449 | 1/2   | 72,970 | 1/2    | 62,491 | 1/2    | 52,012 | 1/2    | 41,533 | 1/2    |
| 3/4                               | 3/4   | 146,106 | 3/4   | 135,627 | 3/4   | 125,148 | 3/4   | 114,669 | 3/4   | 104,189 | 3/4   | 93,710 | 3/4   | 83,231 | 3/4   | 72,752 | 3/4    | 62,273 | 3/4    | 51,794 | 3/4    | 41,314 | 3/4    |
| 2                                 | 2     | 145,888 | 2     | 135,409 | 2     | 124,930 | 2     | 114,450 | 2     | 103,971 | 2     | 93,492 | 2     | 83,013 | 2     | 72,533 | 2      | 62,054 | 2      | 51,575 | 2      | 40,855 | 2      |
| 1/4                               | 1/4   | 145,670 | 1/4   | 135,190 | 1/4   | 124,711 | 1/4   | 114,232 | 1/4   | 103,753 | 1/4   | 93,274 | 1/4   | 82,794 | 1/4   | 72,315 | 1/4    | 61,836 | 1/4    | 51,357 | 1/4    | 40,637 | 1/4    |
| 1/2                               | 1/2   | 145,451 | 1/2   | 134,972 | 1/2   | 124,493 | 1/2   | 114,014 | 1/2   | 103,535 | 1/2   | 93,055 | 1/2   | 82,576 | 1/2   | 72,097 | 1/2    | 61,618 | 1/2    | 51,139 | 1/2    | 40,418 | 1/2    |
| 3/4                               | 3/4   | 145,233 | 3/4   | 134,754 | 3/4   | 124,275 | 3/4   | 113,795 | 3/4   | 103,316 | 3/4   | 92,837 | 3/4   | 82,358 | 3/4   | 71,879 | 3/4    | 61,399 | 3/4    | 50,939 | 3/4    | 40,199 | 3/4    |
| 3                                 | 3     | 145,015 | 3     | 134,536 | 3     | 124,056 | 3     | 113,577 | 3     | 103,098 | 3     | 92,619 | 3     | 82,139 | 3     | 71,660 | 3      | 61,181 | 3      | 50,720 | 3      | 40,000 | 3      |
| 1/4                               | 1/4   | 144,796 | 1/4   | 134,317 | 1/4   | 123,838 | 1/4   | 113,359 | 1/4   | 102,880 | 1/4   | 92,400 | 1/4   | 81,921 | 1/4   | 71,442 | 1/4    | 60,963 | 1/4    | 50,484 | 1/4    | 40,000 | 1/4    |
| 1/2                               | 1/2   | 144,578 | 1/2   | 134,099 | 1/2   | 123,620 | 1/2   | 113,140 | 1/2   | 102,661 | 1/2   | 92,182 | 1/2   | 81,703 | 1/2   | 71,224 | 1/2    | 60,744 | 1/2    | 50,265 | 1/2    | 40,000 | 1/2    |
| 3/4                               | 3/4   | 144,360 | 3/4   | 133,881 | 3/4   | 123,401 | 3/4   | 112,922 | 3/4   | 102,443 | 3/4   | 91,964 | 3/4   | 81,484 | 3/4   | 71,005 | 3/4    | 60,526 | 3/4    | 50,006 | 3/4    | 40,000 | 3/4    |
| 4                                 | 4     | 144,141 | 4     | 133,662 | 4     | 123,183 | 4     | 112,704 | 4     | 102,225 | 4     | 91,745 | 4     | 81,266 | 4     | 70,787 | 4      | 60,308 | 4      | 50,000 | 4      | 40,000 | 4      |
| 1/4                               | 1/4   | 143,923 | 1/4   | 133,444 | 1/4   | 122,965 | 1/4   | 112,486 | 1/4   | 102,006 | 1/4   | 91,527 | 1/4   | 81,048 | 1/4   | 70,569 | 1/4    | 60,089 | 1/4    | 50,000 | 1/4    | 40,000 | 1/4    |
| 1/2                               | 1/2   | 143,705 | 1/2   | 133,226 | 1/2   | 122,746 | 1/2   | 112,267 | 1/2   | 101,788 | 1/2   | 91,309 | 1/2   | 80,830 | 1/2   | 70,350 | 1/2    | 59,871 | 1/2    | 49,892 | 1/2    | 40,000 | 1/2    |
| 3/4                               | 3/4   | 143,487 | 3/4   | 133,007 | 3/4   | 122,528 | 3/4   | 112,049 | 3/4   | 101,570 | 3/4   | 91,090 | 3/4   | 80,611 | 3/4   | 70,132 | 3/4    | 59,653 | 3/4    | 49,674 | 3/4    | 40,000 | 3/4    |
| 5                                 | 5     | 143,268 | 5     | 132,789 | 5     | 122,310 | 5     | 111,831 | 5     | 101,351 | 5     | 90,872 | 5     | 80,393 | 5     | 69,914 | 5      | 59,434 | 5      | 49,455 | 5      | 40,000 | 5      |
| 1/4                               | 1/4   | 143,050 | 1/4   | 132,571 | 1/4   | 122,091 | 1/4   | 111,612 | 1/4   | 101,133 | 1/4   | 90,654 | 1/4   | 80,175 | 1/4   | 69,695 | 1/4    | 59,216 | 1/4    | 49,237 | 1/4    | 40,000 | 1/4    |
| 1/2                               | 1/2   | 142,832 | 1/2   | 132,352 | 1/2   | 121,873 | 1/2   | 111,394 | 1/2   | 100,915 | 1/2   | 90,435 | 1/2   | 79,956 | 1/2   | 69,477 | 1/2    | 58,998 | 1/2    | 48,519 | 1/2    | 40,000 | 1/2    |
| 3/4                               | 3/4   | 142,614 | 3/4   | 132,134 | 3/4   | 121,655 | 3/4   | 111,176 | 3/4   | 100,696 | 3/4   | 90,217 | 3/4   | 79,738 | 3/4   | 69,259 | 3/4    | 58,780 | 3/4    | 48,300 | 3/4    | 40,000 | 3/4    |
| 6                                 | 6     | 142,395 | 6     | 131,916 | 6     | 121,437 | 6     | 110,957 | 6     | 100,478 | 6     | 89,999 | 6     | 79,520 | 6     | 69,040 | 6      | 58,561 | 6      | 48,081 | 6      | 40,000 | 6      |
| 1/4                               | 1/4   | 142,177 | 1/4   | 131,697 | 1/4   | 121,218 | 1/4   | 110,739 | 1/4   | 100,260 | 1/4   | 89,781 | 1/4   | 79,301 | 1/4   | 68,822 | 1/4    | 58,343 | 1/4    | 47,862 | 1/4    | 40,000 | 1/4    |
| 1/2                               | 1/2   | 141,958 | 1/2   | 131,479 | 1/2   | 121,000 | 1/2   | 110,521 | 1/2   | 100,041 | 1/2   | 89,562 | 1/2   | 79,083 | 1/2   | 68,604 | 1/2    | 58,125 | 1/2    | 47,643 | 1/2    | 40,000 | 1/2    |
| 3/4                               | 3/4   | 141,740 | 3/4   | 131,261 | 3/4   | 120,782 | 3/4   | 110,302 | 3/4   | 99,823  | 3/4   | 89,344 | 3/4   | 78,865 | 3/4   | 68,385 | 3/4    | 57,906 | 3/4    | 47,424 | 3/4    | 40,000 | 3/4    |
| 7                                 | 7     | 141,522 | 7     | 131,042 | 7     | 120,563 | 7     | 110,084 | 7     | 99,605  | 7     | 89,126 | 7     | 78,646 | 7     | 68,167 | 7      | 57,688 | 7      | 47,205 | 7      | 40,000 | 7      |
| 1/4                               | 1/4   | 141,304 | 1/4   | 130,824 | 1/4   | 120,345 | 1/4   | 109,866 | 1/4   | 99,386  | 1/4   | 88,907 | 1/4   | 78,428 | 1/4   | 67,949 | 1/4    | 57,470 | 1/4    | 46,985 | 1/4    | 40,000 | 1/4    |
| 1/2                               | 1/2   | 141,085 | 1/2   | 130,606 | 1/2   | 120,127 | 1/2   | 109,647 | 1/2   | 99,168  | 1/2   | 88,689 | 1/2   | 78,210 | 1/2   | 67,731 | 1/2    | 57,251 | 1/2    | 46,766 | 1/2    | 40,000 | 1/2    |
| 3/4                               | 3/4   | 140,867 | 3/4   | 130,388 | 3/4   | 119,908 | 3/4   | 109,429 | 3/4   | 98,950  | 3/4   | 88,471 | 3/4   | 77,991 | 3/4   | 67,512 | 3/4    | 57,033 | 3/4    | 46,547 | 3/4    | 40,000 | 3/4    |
| 8                                 | 8     | 140,648 | 8     | 130,169 | 8     | 119,690 | 8     | 109,211 | 8     | 98,732  | 8     | 88,252 | 8     | 77,773 | 8     | 67,294 | 8      | 56,815 | 8      | 46,328 | 8      | 40,000 | 8      |
| 1/4                               | 1/4   | 140,430 | 1/4   | 129,951 | 1/4   | 119,472 | 1/4   | 108,992 | 1/4   | 98,513  | 1/4   | 88,034 | 1/4   | 77,555 | 1/4   | 67,076 | 1/4    | 56,596 | 1/4    | 46,109 | 1/4    | 40,000 | 1/4    |
| 1/2                               | 1/2   | 140,212 | 1/2   | 129,733 | 1/2   | 119,253 | 1/2   | 108,774 | 1/2   | 98,295  | 1/2   | 87,816 | 1/2   | 77,336 | 1/2   | 66,857 | 1/2    | 56,378 | 1/2    | 45,890 | 1/2    | 40,000 | 1/2    |
| 3/4                               | 3/4   | 139,993 | 3/4   | 129,514 | 3/4   | 119,035 | 3/4   | 108,556 | 3/4   | 98,077  | 3/4   | 87,597 | 3/4   | 77,118 | 3/4   | 66,639 | 3/4    | 56,160 | 3/4    | 45,671 | 3/4    | 40,000 | 3/4    |
| 9                                 | 9     | 139,775 | 9     | 129,296 | 9     | 118,817 | 9     | 108,337 | 9     | 97,858  | 9     | 87,379 | 9     | 76,900 | 9     | 66,421 | 9      | 55,941 | 9      | 45,451 | 9      | 40,000 | 9      |
| 1/4                               | 1/4   | 139,557 | 1/4   | 129,078 | 1/4   | 118,598 | 1/4   | 108,119 | 1/4   | 97,640  | 1/4   | 87,161 | 1/4   | 76,682 | 1/4   | 66,202 | 1/4    | 55,723 | 1/4    | 45,232 | 1/4    | 40,000 | 1/4    |
| 1/2                               | 1/2   | 139,339 | 1/2   | 128,859 | 1/2   | 118,380 | 1/2   | 107,901 | 1/2   | 97,422  | 1/2   | 86,942 | 1/2   | 76,463 | 1/2   | 65,984 | 1/2    | 55,505 | 1/2    | 45,013 | 1/2    | 40,000 | 1/2    |
| 3/4                               | 3/4   | 139,120 | 3/4   | 128,641 | 3/4   | 118,162 | 3/4   | 107,683 | 3/4   | 97,203  | 3/4   | 86,724 | 3/4   | 76,245 | 3/4   | 65,766 | 3/4    | 55,286 | 3/4    | 44,794 | 3/4    | 40,000 | 3/4    |
| 10                                | 10    | 138,902 | 10    | 128,423 | 10    | 117,943 | 10    | 107,464 | 10    | 96,985  | 10    | 86,506 | 10    | 76,027 | 10    | 65,547 | 10     | 55,068 | 10     | 44,574 | 10     | 40,000 | 10     |
| 1/4                               | 1/4   | 138,684 | 1/4   | 128,204 | 1/4   | 117,725 | 1/4   | 107,246 | 1/4   | 96,767  | 1/4   | 86,287 | 1/4   | 75,808 | 1/4   | 65,329 | 1/4    | 54,850 | 1/4    | 44,355 | 1/4    | 40,000 | 1/4    |
| 1/2                               | 1/2   | 138,465 | 1/2   | 127,986 | 1/2   | 117,507 | 1/2   | 107,028 | 1/2   | 96,548  | 1/2   | 86,069 | 1/2   | 75,590 | 1/2   | 65,111 | 1/2    | 54,631 | 1/2    | 44,136 | 1/2    | 40,000 | 1/2    |
| 3/4                               | 3/4   | 138,247 | 3/4   | 127,768 | 3/4   | 117,288 | 3/4   | 106,809 | 3/4   | 96,330  | 3/4   | 85,851 | 3/4   | 75,372 | 3/4   | 64,892 | 3/4    | 54,413 | 3/4    | 43,917 | 3/4    | 40,000 | 3/4    |
| 11                                | 11    | 138,029 | 11    | 127,549 | 11    | 117,070 | 11    | 106,591 | 11    | 96,112  | 11    | 85,633 | 11    | 75,153 | 11    | 64,674 | 11     | 54,195 | 11     | 43,698 | 11     | 40,000 | 11     |
| 1/4                               | 1/4   | 137,810 | 1/4   | 127,331 | 1/4   | 116,852 | 1/4   | 106,373 | 1/4   | 95,893  | 1/4   | 85,414 | 1/4   | 74,935 | 1/4   | 64,456 | 1/4    | 53,977 | 1/4    | 43,479 | 1/4    | 40,000 | 1/4    |
| 1/2                               | 1/2   | 137,592 | 1/2   | 127,113 | 1/2   | 116,634 | 1/2   | 106,154 | 1/2   | 95,675  | 1/2   | 85,196 | 1/2   | 74,717 | 1/2   | 64,237 | 1/2    | 53,758 | 1/2    | 43,260 | 1/2    | 40,000 | 1/2    |
| 3/4                               | 3/4   | 137,374 | 3/4   | 126,894 | 3/4   | 116,415 | 3/4   | 105,936 | 3/4   | 95,457  | 3/4   | 84,978 | 3/4   | 74,498 | 3/4   | 64,019 | 3/4    | 53,540 | 3/4    | 43,041 | 3/4    | 40,000 | 3/4    |

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
GAUGE POINT: TO TOP LIP OF 2" DIAMETER MMC BALL VALVE, LOCATED 0' 10" OFF CENTERLINE  
AND 26' 11" FORWARD OF AFT. BULKHEAD.

NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.  
NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT CENTERLINE.

NOTE: CAPACITY TABLE REFLECTS GAUGING ON ZERO DATUM LOCATED 1/4" ABOVE TANK BOTTOM.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES  
OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 4/6/05 BY: BB/LJ  
DATE COMPUTED: 4/8/05 BY: WHF  
DATE ISSUED: 4/12/05

INTERTEK - CALEB BRETT



**TANK NO. 2**  
**ULLAGE TABLE**

**BARGE "CBC 45"**  
**HULL NO. 04-2224**

**Intertek** Caleb Brett

GAUGE HEIGHT 17'-2 3/4"

FOR GAUGING WITH MMC GAUGE TAPE ONLY

CAPACITIES GIVEN IN WHOLE GALLONS

| 12 FT. |        | 13 FT. |        | 14 FT. |        | 15 FT. |        | 16 FT. |        | 17 FT. |     | 18 FT. |     | 19 FT. |     | 20 FT. |     | 21 FT. |     |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| IN     | 0      | IN     | 0      | IN     | 0      | IN     | 0      | IN     | 0      | IN     | 0   | IN     | 0   | IN     | 0   | IN     | 0   | IN     | 0   |
| 0      | 53,322 | 0      | 42,842 | 0      | 32,375 | 0      | 21,914 | 0      | 11,435 | 0      | 983 | 0      | 0   | 0      | 0   | 0      | 0   | 0      | 0   |
| 1/4    | 53,103 | 1/4    | 42,624 | 1/4    | 32,158 | 1/4    | 21,695 | 1/4    | 11,216 | 1/4    | 847 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 52,885 | 1/2    | 42,406 | 1/2    | 31,940 | 1/2    | 21,477 | 1/2    | 10,998 | 1/2    | 710 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 52,667 | 3/4    | 42,187 | 3/4    | 31,723 | 3/4    | 21,259 | 3/4    | 10,780 | 3/4    | 574 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 1      | 52,448 | 1      | 41,969 | 1      | 31,505 | 1      | 21,040 | 1      | 10,561 | 1      | 437 | 1      | 1   | 1      | 1   | 1      | 1   | 1      | 1   |
| 1/4    | 52,230 | 1/4    | 41,751 | 1/4    | 31,287 | 1/4    | 20,822 | 1/4    | 10,343 | 1/4    | 355 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 52,012 | 1/2    | 41,532 | 1/2    | 31,070 | 1/2    | 20,604 | 1/2    | 10,125 | 1/2    | 273 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 51,793 | 3/4    | 41,314 | 3/4    | 30,852 | 3/4    | 20,385 | 3/4    | 9,906  | 3/4    | 192 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 2      | 51,575 | 2      | 41,096 | 2      | 30,635 | 2      | 20,167 | 2      | 9,688  | 2      | 110 | 2      | 2   | 2      | 2   | 2      | 2   | 2      | 2   |
| 1/4    | 51,357 | 1/4    | 40,877 | 1/4    | 30,417 | 1/4    | 19,949 | 1/4    | 9,470  | 1/4    | 82  | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 51,138 | 1/2    | 40,659 | 1/2    | 30,200 | 1/2    | 19,730 | 1/2    | 9,252  | 1/2    | 55  | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 50,920 | 3/4    | 40,441 | 3/4    | 29,982 | 3/4    | 19,512 | 3/4    | 9,033  | 3/4    | 28  | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 3      | 50,702 | 3      | 40,223 | 3      | 29,765 | 3      | 19,294 | 3      | 8,815  | 3      | 0   | 3      | 3   | 3      | 3   | 3      | 3   | 3      | 3   |
| 1/4    | 50,483 | 1/4    | 40,004 | 1/4    | 29,547 | 1/4    | 19,076 | 1/4    | 8,597  | 1/4    | 0   | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 50,265 | 1/2    | 39,786 | 1/2    | 29,329 | 1/2    | 18,857 | 1/2    | 8,378  | 1/2    | 0   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 50,047 | 3/4    | 39,568 | 3/4    | 29,112 | 3/4    | 18,639 | 3/4    | 8,160  | 3/4    | 0   | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 4      | 49,828 | 4      | 39,349 | 4      | 28,894 | 4      | 18,421 | 4      | 7,942  | 4      | 0   | 4      | 4   | 4      | 4   | 4      | 4   | 4      | 4   |
| 1/4    | 49,610 | 1/4    | 39,131 | 1/4    | 28,677 | 1/4    | 18,202 | 1/4    | 7,723  | 1/4    | 0   | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 49,392 | 1/2    | 38,913 | 1/2    | 28,459 | 1/2    | 17,984 | 1/2    | 7,505  | 1/2    | 0   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 49,174 | 3/4    | 38,694 | 3/4    | 28,242 | 3/4    | 17,766 | 3/4    | 7,287  | 3/4    | 0   | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 5      | 48,955 | 5      | 38,476 | 5      | 28,024 | 5      | 17,547 | 5      | 7,068  | 5      | 0   | 5      | 5   | 5      | 5   | 5      | 5   | 5      | 5   |
| 1/4    | 48,737 | 1/4    | 38,258 | 1/4    | 27,806 | 1/4    | 17,329 | 1/4    | 6,850  | 1/4    | 0   | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 48,519 | 1/2    | 38,039 | 1/2    | 27,589 | 1/2    | 17,111 | 1/2    | 6,632  | 1/2    | 0   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 48,300 | 3/4    | 37,821 | 3/4    | 27,371 | 3/4    | 16,892 | 3/4    | 6,413  | 3/4    | 0   | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 6      | 48,082 | 6      | 37,603 | 6      | 27,153 | 6      | 16,674 | 6      | 6,195  | 6      | 0   | 6      | 6   | 6      | 6   | 6      | 6   | 6      | 6   |
| 1/4    | 47,864 | 1/4    | 37,384 | 1/4    | 26,935 | 1/4    | 16,456 | 1/4    | 5,977  | 1/4    | 0   | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 47,645 | 1/2    | 37,166 | 1/2    | 26,716 | 1/2    | 16,237 | 1/2    | 5,759  | 1/2    | 0   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 47,427 | 3/4    | 36,948 | 3/4    | 26,498 | 3/4    | 16,019 | 3/4    | 5,540  | 3/4    | 0   | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 7      | 47,209 | 7      | 36,729 | 7      | 26,280 | 7      | 15,801 | 7      | 5,322  | 7      | 0   | 7      | 7   | 7      | 7   | 7      | 7   | 7      | 7   |
| 1/4    | 46,990 | 1/4    | 36,511 | 1/4    | 26,061 | 1/4    | 15,583 | 1/4    | 5,104  | 1/4    | 0   | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 46,772 | 1/2    | 36,293 | 1/2    | 25,843 | 1/2    | 15,364 | 1/2    | 4,885  | 1/2    | 0   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 46,554 | 3/4    | 36,075 | 3/4    | 25,625 | 3/4    | 15,146 | 3/4    | 4,667  | 3/4    | 0   | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 8      | 46,335 | 8      | 35,857 | 8      | 25,407 | 8      | 14,928 | 8      | 4,449  | 8      | 0   | 8      | 8   | 8      | 8   | 8      | 8   | 8      | 8   |
| 1/4    | 46,117 | 1/4    | 35,639 | 1/4    | 25,188 | 1/4    | 14,709 | 1/4    | 4,230  | 1/4    | 0   | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 45,899 | 1/2    | 35,422 | 1/2    | 24,970 | 1/2    | 14,491 | 1/2    | 4,012  | 1/2    | 0   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 45,680 | 3/4    | 35,204 | 3/4    | 24,752 | 3/4    | 14,273 | 3/4    | 3,794  | 3/4    | 0   | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 9      | 45,462 | 9      | 34,986 | 9      | 24,533 | 9      | 14,054 | 9      | 3,575  | 9      | 0   | 9      | 9   | 9      | 9   | 9      | 9   | 9      | 9   |
| 1/4    | 45,244 | 1/4    | 34,769 | 1/4    | 24,315 | 1/4    | 13,836 | 1/4    | 3,357  | 1/4    | 0   | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 45,026 | 1/2    | 34,551 | 1/2    | 24,097 | 1/2    | 13,618 | 1/2    | 3,139  | 1/2    | 0   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 44,807 | 3/4    | 34,334 | 3/4    | 23,878 | 3/4    | 13,399 | 3/4    | 2,920  | 3/4    | 0   | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 10     | 44,589 | 10     | 34,116 | 10     | 23,660 | 10     | 13,181 | 10     | 2,702  | 10     | 0   | 10     | 10  | 10     | 10  | 10     | 10  | 10     | 10  |
| 1/4    | 44,371 | 1/4    | 33,898 | 1/4    | 23,442 | 1/4    | 12,963 | 1/4    | 2,484  | 1/4    | 0   | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 44,152 | 1/2    | 33,681 | 1/2    | 23,223 | 1/2    | 12,744 | 1/2    | 2,266  | 1/2    | 0   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 43,934 | 3/4    | 33,463 | 3/4    | 23,005 | 3/4    | 12,526 | 3/4    | 2,047  | 3/4    | 0   | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 11     | 43,716 | 11     | 33,246 | 11     | 22,787 | 11     | 12,308 | 11     | 1,829  | 11     | 0   | 11     | 11  | 11     | 11  | 11     | 11  | 11     | 11  |
| 1/4    | 43,497 | 1/4    | 33,028 | 1/4    | 22,568 | 1/4    | 12,090 | 1/4    | 1,611  | 1/4    | 0   | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2    | 43,279 | 1/2    | 32,810 | 1/2    | 22,350 | 1/2    | 11,871 | 1/2    | 1,392  | 1/2    | 0   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4    | 43,061 | 3/4    | 32,593 | 3/4    | 22,132 | 3/4    | 11,653 | 3/4    | 1,174  | 3/4    | 0   | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED 4/6/05 BY:BB/LJ  
DATE COMPUTED: 4/8/05 BY:WHF  
DATE ISSUED: 4/12/05

**INTERTEK - CALEB BRETT**

# BARGE "CBC 45"

## HULL NO. 04-2224

# TANK NO. 3

## ULLAGE TABLE

FOR GAUGING WITH MMC GAUGE TAPE ONLY

GAUGE HEIGHT 17'- 4 1/4"

| CAPACITIES GIVEN IN WHOLE GALLONS |     | 2 FT.   |     | 3 FT.   |     | 4 FT.   |     | 5 FT.   |     | 6 FT.   |     | 7 FT.  |     | 8 FT.  |     | 9 FT.  |     | 10 FT. |     | 11 FT. |     |
|-----------------------------------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| IN                                | OUT | IN      | OUT | IN      | OUT | IN      | OUT | IN      | OUT | IN      | OUT | IN     | OUT | IN     | OUT | IN     | OUT | IN     | OUT | IN     | OUT |
| 0                                 | 0   | 148,140 | 0   | 137,837 | 0   | 127,407 | 0   | 116,977 | 0   | 106,548 | 0   | 96,118 | 0   | 85,688 | 0   | 75,258 | 0   | 64,828 | 0   | 54,398 | 0   |
| 1/4                               | 1/4 | 147,977 | 1/4 | 137,620 | 1/4 | 127,190 | 1/4 | 116,760 | 1/4 | 106,330 | 1/4 | 95,900 | 1/4 | 85,471 | 1/4 | 75,041 | 1/4 | 64,611 | 1/4 | 54,181 | 1/4 |
| 1/2                               | 1/2 | 147,778 | 1/2 | 137,402 | 1/2 | 126,973 | 1/2 | 116,543 | 1/2 | 106,113 | 1/2 | 95,683 | 1/2 | 85,253 | 1/2 | 74,824 | 1/2 | 64,394 | 1/2 | 53,964 | 1/2 |
| 3/4                               | 3/4 | 147,579 | 3/4 | 137,185 | 3/4 | 126,755 | 3/4 | 116,325 | 3/4 | 105,896 | 3/4 | 95,466 | 3/4 | 85,036 | 3/4 | 74,606 | 3/4 | 64,176 | 3/4 | 53,746 | 3/4 |
| 1                                 | 1   | 147,379 | 1   | 136,988 | 1   | 126,538 | 1   | 116,108 | 1   | 105,678 | 1   | 95,249 | 1   | 84,819 | 1   | 74,389 | 1   | 63,959 | 1   | 53,529 | 1   |
| 1/4                               | 1/4 | 147,180 | 1/4 | 136,750 | 1/4 | 126,321 | 1/4 | 115,891 | 1/4 | 105,461 | 1/4 | 95,031 | 1/4 | 84,602 | 1/4 | 74,172 | 1/4 | 63,742 | 1/4 | 53,312 | 1/4 |
| 1/2                               | 1/2 | 146,963 | 1/2 | 136,533 | 1/2 | 126,103 | 1/2 | 115,674 | 1/2 | 105,244 | 1/2 | 94,814 | 1/2 | 84,384 | 1/2 | 73,954 | 1/2 | 63,524 | 1/2 | 52,884 | 1/2 |
| 3/4                               | 3/4 | 146,746 | 3/4 | 136,316 | 3/4 | 125,886 | 3/4 | 115,456 | 3/4 | 104,809 | 3/4 | 94,379 | 3/4 | 83,949 | 3/4 | 73,519 | 3/4 | 63,089 | 3/4 | 52,659 | 3/4 |
| 2                                 | 2   | 146,528 | 2   | 136,099 | 2   | 125,669 | 2   | 115,239 | 2   | 104,592 | 2   | 94,162 | 2   | 83,732 | 2   | 73,302 | 2   | 62,872 | 2   | 52,428 | 2   |
| 1/4                               | 1/4 | 146,311 | 1/4 | 135,881 | 1/4 | 125,452 | 1/4 | 115,022 | 1/4 | 104,375 | 1/4 | 93,945 | 1/4 | 83,515 | 1/4 | 73,085 | 1/4 | 62,655 | 1/4 | 52,225 | 1/4 |
| 1/2                               | 1/2 | 146,094 | 1/2 | 135,664 | 1/2 | 125,234 | 1/2 | 114,804 | 1/2 | 104,157 | 1/2 | 93,728 | 1/2 | 83,298 | 1/2 | 72,868 | 1/2 | 62,438 | 1/2 | 51,788 | 1/2 |
| 3/4                               | 3/4 | 145,877 | 3/4 | 135,447 | 3/4 | 125,017 | 3/4 | 114,587 | 3/4 | 103,940 | 3/4 | 93,510 | 3/4 | 83,080 | 3/4 | 72,651 | 3/4 | 62,221 | 3/4 | 51,571 | 3/4 |
| 3                                 | 3   | 145,659 | 3   | 135,229 | 3   | 124,800 | 3   | 114,370 | 3   | 103,723 | 3   | 93,293 | 3   | 82,863 | 3   | 72,433 | 3   | 62,003 | 3   | 51,353 | 3   |
| 1/4                               | 1/4 | 145,442 | 1/4 | 135,012 | 1/4 | 124,582 | 1/4 | 114,153 | 1/4 | 103,505 | 1/4 | 92,858 | 1/4 | 82,428 | 1/4 | 72,000 | 1/4 | 61,570 | 1/4 | 51,120 | 1/4 |
| 1/2                               | 1/2 | 145,225 | 1/2 | 134,795 | 1/2 | 124,365 | 1/2 | 113,935 | 1/2 | 103,288 | 1/2 | 92,641 | 1/2 | 82,211 | 1/2 | 71,782 | 1/2 | 61,352 | 1/2 | 50,902 | 1/2 |
| 3/4                               | 3/4 | 145,007 | 3/4 | 134,578 | 3/4 | 124,148 | 3/4 | 113,718 | 3/4 | 103,071 | 3/4 | 92,424 | 3/4 | 81,994 | 3/4 | 71,564 | 3/4 | 61,134 | 3/4 | 50,682 | 3/4 |
| 4                                 | 4   | 144,790 | 4   | 134,360 | 4   | 123,931 | 4   | 113,501 | 4   | 102,854 | 4   | 92,207 | 4   | 81,777 | 4   | 71,347 | 4   | 60,917 | 4   | 50,452 | 4   |
| 1/4                               | 1/4 | 144,573 | 1/4 | 134,143 | 1/4 | 123,713 | 1/4 | 113,283 | 1/4 | 102,636 | 1/4 | 91,989 | 1/4 | 81,559 | 1/4 | 71,129 | 1/4 | 60,699 | 1/4 | 50,239 | 1/4 |
| 1/2                               | 1/2 | 144,356 | 1/2 | 133,926 | 1/2 | 123,496 | 1/2 | 113,066 | 1/2 | 102,419 | 1/2 | 91,840 | 1/2 | 81,410 | 1/2 | 70,980 | 1/2 | 60,559 | 1/2 | 50,019 | 1/2 |
| 3/4                               | 3/4 | 144,138 | 3/4 | 133,708 | 3/4 | 123,279 | 3/4 | 112,849 | 3/4 | 102,202 | 3/4 | 91,712 | 3/4 | 81,282 | 3/4 | 70,852 | 3/4 | 60,429 | 3/4 | 49,799 | 3/4 |
| 5                                 | 5   | 143,921 | 5   | 133,491 | 5   | 123,061 | 5   | 112,632 | 5   | 102,029 | 5   | 91,599 | 5   | 81,169 | 5   | 70,739 | 5   | 60,309 | 5   | 49,679 | 5   |
| 1/4                               | 1/4 | 143,704 | 1/4 | 133,274 | 1/4 | 122,844 | 1/4 | 112,414 | 1/4 | 101,984 | 1/4 | 91,554 | 1/4 | 81,124 | 1/4 | 70,694 | 1/4 | 60,264 | 1/4 | 49,549 | 1/4 |
| 1/2                               | 1/2 | 143,486 | 1/2 | 133,057 | 1/2 | 122,627 | 1/2 | 112,197 | 1/2 | 101,767 | 1/2 | 91,337 | 1/2 | 80,907 | 1/2 | 70,477 | 1/2 | 60,047 | 1/2 | 49,419 | 1/2 |
| 3/4                               | 3/4 | 143,269 | 3/4 | 132,839 | 3/4 | 122,409 | 3/4 | 111,980 | 3/4 | 101,550 | 3/4 | 90,903 | 3/4 | 80,473 | 3/4 | 70,043 | 3/4 | 59,613 | 3/4 | 49,289 | 3/4 |
| 6                                 | 6   | 143,052 | 6   | 132,622 | 6   | 122,192 | 6   | 111,762 | 6   | 101,333 | 6   | 90,686 | 6   | 80,256 | 6   | 69,826 | 6   | 59,396 | 6   | 49,159 | 6   |
| 1/4                               | 1/4 | 142,834 | 1/4 | 132,405 | 1/4 | 121,975 | 1/4 | 111,545 | 1/4 | 100,898 | 1/4 | 90,468 | 1/4 | 80,038 | 1/4 | 69,608 | 1/4 | 59,178 | 1/4 | 49,029 | 1/4 |
| 1/2                               | 1/2 | 142,617 | 1/2 | 132,187 | 1/2 | 121,758 | 1/2 | 111,328 | 1/2 | 100,681 | 1/2 | 90,251 | 1/2 | 79,821 | 1/2 | 69,391 | 1/2 | 58,962 | 1/2 | 48,899 | 1/2 |
| 3/4                               | 3/4 | 142,400 | 3/4 | 131,970 | 3/4 | 121,540 | 3/4 | 111,111 | 3/4 | 100,463 | 3/4 | 90,034 | 3/4 | 79,604 | 3/4 | 69,174 | 3/4 | 58,744 | 3/4 | 48,769 | 3/4 |
| 7                                 | 7   | 142,183 | 7   | 131,753 | 7   | 121,323 | 7   | 110,893 | 7   | 100,246 | 7   | 89,816 | 7   | 79,387 | 7   | 68,957 | 7   | 58,527 | 7   | 48,639 | 7   |
| 1/4                               | 1/4 | 141,965 | 1/4 | 131,536 | 1/4 | 121,106 | 1/4 | 110,676 | 1/4 | 100,029 | 1/4 | 89,599 | 1/4 | 79,169 | 1/4 | 68,740 | 1/4 | 58,310 | 1/4 | 48,509 | 1/4 |
| 1/2                               | 1/2 | 141,748 | 1/2 | 131,318 | 1/2 | 120,888 | 1/2 | 110,459 | 1/2 | 99,812  | 1/2 | 89,382 | 1/2 | 78,952 | 1/2 | 68,522 | 1/2 | 58,092 | 1/2 | 48,379 | 1/2 |
| 3/4                               | 3/4 | 141,531 | 3/4 | 131,101 | 3/4 | 120,671 | 3/4 | 110,241 | 3/4 | 99,594  | 3/4 | 89,165 | 3/4 | 78,735 | 3/4 | 68,305 | 3/4 | 57,875 | 3/4 | 48,169 | 3/4 |
| 8                                 | 8   | 141,313 | 8   | 130,884 | 8   | 120,454 | 8   | 110,024 | 8   | 99,377  | 8   | 88,947 | 8   | 78,517 | 8   | 68,088 | 8   | 57,658 | 8   | 47,959 | 8   |
| 1/4                               | 1/4 | 141,096 | 1/4 | 130,666 | 1/4 | 120,237 | 1/4 | 109,807 | 1/4 | 99,160  | 1/4 | 88,730 | 1/4 | 78,300 | 1/4 | 67,870 | 1/4 | 57,441 | 1/4 | 47,749 | 1/4 |
| 1/2                               | 1/2 | 140,879 | 1/2 | 130,449 | 1/2 | 120,019 | 1/2 | 109,590 | 1/2 | 98,942  | 1/2 | 88,513 | 1/2 | 78,083 | 1/2 | 67,653 | 1/2 | 57,223 | 1/2 | 47,539 | 1/2 |
| 3/4                               | 3/4 | 140,662 | 3/4 | 130,232 | 3/4 | 119,802 | 3/4 | 109,372 | 3/4 | 98,725  | 3/4 | 88,295 | 3/4 | 77,866 | 3/4 | 67,436 | 3/4 | 56,996 | 3/4 | 47,329 | 3/4 |
| 9                                 | 9   | 140,444 | 9   | 130,015 | 9   | 119,585 | 9   | 109,155 | 9   | 98,508  | 9   | 88,078 | 9   | 77,648 | 9   | 67,219 | 9   | 56,789 | 9   | 47,119 | 9   |
| 1/4                               | 1/4 | 140,227 | 1/4 | 129,797 | 1/4 | 119,367 | 1/4 | 108,938 | 1/4 | 98,291  | 1/4 | 87,861 | 1/4 | 77,431 | 1/4 | 67,001 | 1/4 | 56,571 | 1/4 | 46,909 | 1/4 |
| 1/2                               | 1/2 | 140,010 | 1/2 | 129,580 | 1/2 | 119,150 | 1/2 | 108,720 | 1/2 | 97,639  | 1/2 | 87,644 | 1/2 | 77,214 | 1/2 | 66,784 | 1/2 | 56,354 | 1/2 | 46,699 | 1/2 |
| 3/4                               | 3/4 | 139,792 | 3/4 | 129,363 | 3/4 | 118,933 | 3/4 | 108,503 | 3/4 | 97,421  | 3/4 | 87,426 | 3/4 | 76,996 | 3/4 | 66,567 | 3/4 | 56,137 | 3/4 | 46,489 | 3/4 |
| 10                                | 10  | 139,575 | 10  | 129,145 | 10  | 118,716 | 10  | 108,286 | 10  | 97,204  | 10  | 87,209 | 10  | 76,779 | 10  | 66,349 | 10  | 55,920 | 10  | 46,279 | 10  |
| 1/4                               | 1/4 | 139,358 | 1/4 | 128,928 | 1/4 | 118,498 | 1/4 | 108,069 | 1/4 | 96,987  | 1/4 | 86,992 | 1/4 | 76,562 | 1/4 | 66,132 | 1/4 | 55,702 | 1/4 | 46,069 | 1/4 |
| 1/2                               | 1/2 | 139,141 | 1/2 | 128,711 | 1/2 | 118,281 | 1/2 | 107,851 | 1/2 | 96,774  | 1/2 | 86,774 | 1/2 | 76,345 | 1/2 | 65,915 | 1/2 | 55,485 | 1/2 | 45,859 | 1/2 |
| 3/4                               | 3/4 | 138,923 | 3/4 | 128,494 | 3/4 | 118,064 | 3/4 | 107,634 | 3/4 | 96,552  | 3/4 | 86,557 | 3/4 | 76,127 | 3/4 | 65,698 | 3/4 | 55,268 | 3/4 | 45,649 | 3/4 |
| 11                                | 11  | 138,706 | 11  | 128,276 | 11  | 117,846 | 11  | 107,416 | 11  | 96,370  | 11  | 86,375 | 11  | 75,946 | 11  | 65,519 | 11  | 55,050 | 11  | 45,439 | 11  |
| 1/4                               | 1/4 | 138,489 | 1/4 | 128,059 | 1/4 | 117,629 | 1/4 | 107,199 | 1/4 | 96,152  | 1/4 | 86,157 | 1/4 | 75,730 | 1/4 | 65,299 | 1/4 | 54,833 | 1/4 | 45,229 | 1/4 |
| 1/2                               | 1/2 | 138,271 | 1/2 | 127,842 | 1/2 | 117,412 | 1/2 | 106,982 | 1/2 | 95,935  | 1/2 | 85,940 | 1/2 | 75,505 | 1/2 | 65,075 | 1/2 | 54,623 | 1/2 | 45,019 | 1/2 |
| 3/4                               | 3/4 | 138,054 | 3/4 | 127,624 | 3/4 | 117,195 | 3/4 | 106,765 | 3/4 | 95,719  | 3/4 | 85,724 | 3/4 | 75,294 | 3/4 | 64,864 | 3/4 | 54,413 | 3/4 | 44,809 | 3/4 |

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: GAUGE POINT: TO TOP LIP OF 2" DIAMETER MMC BALL VALVE, LOCATED 0'- 10" OFF CENTERLINE AND 27'- 3" FORWARD OF AFT. BULKHEAD.

NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.

NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT CENTERLINE.

NOTE: CAPACITY TABLE REFLECTS GAUGING ON ZERO DATUM LOCATED 1/4" ABOVE TANK BOTTOM.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED 4/8/05 BY: BBLJ  
DATE COMPUTED: 4/8/05 BY: WHF  
DATE ISSUED: 4/12/05

INTERTEK - CALEB BRETT

CAPACITIES GIVEN IN WHOLE GALLONS

| CAPACITIES GIVEN IN WHOLE GALLONS |        |        |        |        |        |        |        |        |        | CAPACITIES GIVEN IN PARTIAL GALLONS |       |        |     |        |     |        |     |        |     |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------------|-------|--------|-----|--------|-----|--------|-----|--------|-----|
| 12 FT.                            |        | 13 FT. |        | 14 FT. |        | 15 FT. |        | 16 FT. |        | 17 FT.                              |       | 18 FT. |     | 19 FT. |     | 20 FT. |     | 21 FT. |     |
| IN                                | 0      | IN     | 0      | IN     | 0      | IN     | 0      | IN     | 0      | IN                                  | 0     | IN     | 0   | IN     | 0   | IN     | 0   | IN     | 0   |
| 0                                 | 54,399 | 0      | 43,969 | 0      | 33,540 | 0      | 23,114 | 0      | 12,684 | 0                                   | 2,255 | 0      | 0   | 0      | 0   | 0      | 0   | 0      | 0   |
| 1/4                               | 54,181 | 1/4    | 43,751 | 1/4    | 33,323 | 1/4    | 22,897 | 1/4    | 12,467 | 1/4                                 | 2,038 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 53,964 | 1/2    | 43,534 | 1/2    | 33,106 | 1/2    | 22,679 | 1/2    | 12,250 | 1/2                                 | 1,820 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 53,747 | 3/4    | 43,317 | 3/4    | 32,888 | 3/4    | 22,462 | 3/4    | 12,033 | 3/4                                 | 1,603 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 1                                 | 53,529 | 1      | 43,100 | 1      | 32,671 | 1      | 22,245 | 1      | 11,815 | 1                                   | 1,386 | 1      | 1   | 1      | 1   | 1      | 1   | 1      | 1   |
| 1/4                               | 53,312 | 1/4    | 42,882 | 1/4    | 32,454 | 1/4    | 22,027 | 1/4    | 11,598 | 1/4                                 | 1,168 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 53,095 | 1/2    | 42,665 | 1/2    | 32,237 | 1/2    | 21,810 | 1/2    | 11,381 | 1/2                                 | 978   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 52,878 | 3/4    | 42,448 | 3/4    | 32,020 | 3/4    | 21,593 | 3/4    | 11,163 | 3/4                                 | 843   | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 2                                 | 52,660 | 2      | 42,230 | 2      | 31,802 | 2      | 21,376 | 2      | 10,946 | 2                                   | 707   | 2      | 2   | 2      | 2   | 2      | 2   | 2      | 2   |
| 1/4                               | 52,443 | 1/4    | 42,013 | 1/4    | 31,585 | 1/4    | 21,158 | 1/4    | 10,729 | 1/4                                 | 571   | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 52,226 | 1/2    | 41,796 | 1/2    | 31,368 | 1/2    | 20,941 | 1/2    | 10,512 | 1/2                                 | 435   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 52,008 | 3/4    | 41,579 | 3/4    | 31,151 | 3/4    | 20,724 | 3/4    | 10,294 | 3/4                                 | 354   | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 3                                 | 51,791 | 3      | 41,361 | 3      | 30,934 | 3      | 20,507 | 3      | 10,077 | 3                                   | 272   | 3      | 3   | 3      | 3   | 3      | 3   | 3      | 3   |
| 1/4                               | 51,574 | 1/4    | 41,144 | 1/4    | 30,717 | 1/4    | 20,289 | 1/4    | 9,860  | 1/4                                 | 191   | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 51,357 | 1/2    | 40,927 | 1/2    | 30,500 | 1/2    | 20,072 | 1/2    | 9,642  | 1/2                                 | 109   | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 51,139 | 3/4    | 40,709 | 3/4    | 30,282 | 3/4    | 19,855 | 3/4    | 9,425  | 3/4                                 | 82    | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 4                                 | 50,922 | 4      | 40,492 | 4      | 30,065 | 4      | 19,637 | 4      | 9,208  | 4                                   | 55    | 4      | 4   | 4      | 4   | 4      | 4   | 4      | 4   |
| 1/4                               | 50,705 | 1/4    | 40,275 | 1/4    | 29,848 | 1/4    | 19,420 | 1/4    | 8,991  | 1/4                                 | 28    | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 50,487 | 1/2    | 40,058 | 1/2    | 29,631 | 1/2    | 19,203 | 1/2    | 8,773  | 1/2                                 | 28    | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 50,270 | 3/4    | 39,840 | 3/4    | 29,414 | 3/4    | 18,986 | 3/4    | 8,556  | 3/4                                 | 28    | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 5                                 | 50,053 | 5      | 39,623 | 5      | 29,197 | 5      | 18,768 | 5      | 8,339  | 5                                   | 28    | 5      | 5   | 5      | 5   | 5      | 5   | 5      | 5   |
| 1/4                               | 49,836 | 1/4    | 39,406 | 1/4    | 28,979 | 1/4    | 18,551 | 1/4    | 8,121  | 1/4                                 | 28    | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 49,618 | 1/2    | 39,188 | 1/2    | 28,762 | 1/2    | 18,334 | 1/2    | 7,904  | 1/2                                 | 28    | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 49,401 | 3/4    | 38,971 | 3/4    | 28,545 | 3/4    | 18,116 | 3/4    | 7,687  | 3/4                                 | 28    | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 6                                 | 49,184 | 6      | 38,754 | 6      | 28,328 | 6      | 17,899 | 6      | 7,470  | 6                                   | 28    | 6      | 6   | 6      | 6   | 6      | 6   | 6      | 6   |
| 1/4                               | 48,966 | 1/4    | 38,537 | 1/4    | 28,111 | 1/4    | 17,682 | 1/4    | 7,252  | 1/4                                 | 28    | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 48,749 | 1/2    | 38,319 | 1/2    | 27,894 | 1/2    | 17,465 | 1/2    | 7,035  | 1/2                                 | 28    | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 48,532 | 3/4    | 38,102 | 3/4    | 27,677 | 3/4    | 17,247 | 3/4    | 6,818  | 3/4                                 | 28    | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 7                                 | 48,315 | 7      | 37,885 | 7      | 27,459 | 7      | 17,030 | 7      | 6,601  | 7                                   | 28    | 7      | 7   | 7      | 7   | 7      | 7   | 7      | 7   |
| 1/4                               | 48,097 | 1/4    | 37,667 | 1/4    | 27,242 | 1/4    | 16,813 | 1/4    | 6,383  | 1/4                                 | 28    | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 47,880 | 1/2    | 37,450 | 1/2    | 27,025 | 1/2    | 16,595 | 1/2    | 6,166  | 1/2                                 | 28    | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 47,663 | 3/4    | 37,233 | 3/4    | 26,808 | 3/4    | 16,378 | 3/4    | 5,949  | 3/4                                 | 28    | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 8                                 | 47,445 | 8      | 37,016 | 8      | 26,590 | 8      | 16,161 | 8      | 5,731  | 8                                   | 28    | 8      | 8   | 8      | 8   | 8      | 8   | 8      | 8   |
| 1/4                               | 47,228 | 1/4    | 36,798 | 1/4    | 26,373 | 1/4    | 15,944 | 1/4    | 5,514  | 1/4                                 | 28    | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 47,011 | 1/2    | 36,581 | 1/2    | 26,156 | 1/2    | 15,726 | 1/2    | 5,297  | 1/2                                 | 28    | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 46,794 | 3/4    | 36,364 | 3/4    | 25,939 | 3/4    | 15,509 | 3/4    | 5,080  | 3/4                                 | 28    | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 9                                 | 46,576 | 9      | 36,146 | 9      | 25,721 | 9      | 15,292 | 9      | 4,862  | 9                                   | 28    | 9      | 9   | 9      | 9   | 9      | 9   | 9      | 9   |
| 1/4                               | 46,359 | 1/4    | 35,929 | 1/4    | 25,504 | 1/4    | 15,074 | 1/4    | 4,645  | 1/4                                 | 28    | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 46,142 | 1/2    | 35,712 | 1/2    | 25,287 | 1/2    | 14,857 | 1/2    | 4,428  | 1/2                                 | 28    | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 45,924 | 3/4    | 35,495 | 3/4    | 25,069 | 3/4    | 14,640 | 3/4    | 4,210  | 3/4                                 | 28    | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 10                                | 45,707 | 10     | 35,278 | 10     | 24,852 | 10     | 14,423 | 10     | 3,993  | 10                                  | 28    | 10     | 10  | 10     | 10  | 10     | 10  | 10     | 10  |
| 1/4                               | 45,490 | 1/4    | 35,060 | 1/4    | 24,635 | 1/4    | 14,205 | 1/4    | 3,776  | 1/4                                 | 28    | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 45,273 | 1/2    | 34,843 | 1/2    | 24,418 | 1/2    | 13,988 | 1/2    | 3,559  | 1/2                                 | 28    | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 45,055 | 3/4    | 34,626 | 3/4    | 24,200 | 3/4    | 13,771 | 3/4    | 3,341  | 3/4                                 | 28    | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |
| 11                                | 44,838 | 11     | 34,409 | 11     | 23,983 | 11     | 13,554 | 11     | 3,124  | 11                                  | 28    | 11     | 11  | 11     | 11  | 11     | 11  | 11     | 11  |
| 1/4                               | 44,621 | 1/4    | 34,192 | 1/4    | 23,766 | 1/4    | 13,336 | 1/4    | 2,907  | 1/4                                 | 28    | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |
| 1/2                               | 44,403 | 1/2    | 33,974 | 1/2    | 23,548 | 1/2    | 13,119 | 1/2    | 2,689  | 1/2                                 | 28    | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |
| 3/4                               | 44,186 | 3/4    | 33,757 | 3/4    | 23,331 | 3/4    | 12,902 | 3/4    | 2,472  | 3/4                                 | 28    | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |

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DATE COMPUTED: 4/8/05 BY: WHF  
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