



# BARGE "DBL 86"

## ULLAGE TRIM TABLE

|          | 1 FT.      |              | 2 FT.      |              | 3 FT.      |              | 4 FT.      |              | 5 FT.      |              | 6 FT.      |              |
|----------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
|          | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 CENTER | - 00-1/8   | 00-1/8       | - 00-1/4   | 00-1/4       | - 00-3/8   | 00-3/8       | - 00-1/2   | 00-1/2       | - 00-5/8   | 00-5/8       | - 00-3/4   | 00-3/4       |
| 2 CENTER | 00-1/8     | - 00-1/8     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-7/8     | - 00-7/8     | 01-0/8     | - 01-0/8     |
| 3 CENTER | - 00-1/8   | 00-1/8       | - 00-1/4   | 00-1/4       | - 00-1/4   | 00-1/4       | - 00-3/8   | 00-3/8       | - 00-1/2   | 00-1/2       | - 00-5/8   | 00-5/8       |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-02"

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# BARGE "DBL 86"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

| 0 FT. |     | 1 FT. |     | 2 FT. |     | 3 FT. |         | 4 FT. |         | 5 FT. |         | 6 FT. |         | 7 FT. |         | 8 FT. |        | 9 FT. |        |
|-------|-----|-------|-----|-------|-----|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|--------|-------|--------|
| IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT     | IN    | OUT     | IN    | OUT     | IN    | OUT     | IN    | OUT     | IN    | OUT    | IN    | OUT    |
| 0     |     | 0     |     | 0     |     | 0     | 139,286 | 0     | 130,083 | 0     | 121,113 | 0     | 112,144 | 0     | 102,734 | 0     | 92,358 | 0     | 81,982 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 139,094 | 1/4   | 129,896 | 1/4   | 120,927 | 1/4   | 111,957 | 1/4   | 102,518 | 1/4   | 92,142 | 1/4   | 81,766 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 138,901 | 1/2   | 129,710 | 1/2   | 120,740 | 1/2   | 111,770 | 1/2   | 102,302 | 1/2   | 91,926 | 1/2   | 81,550 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 138,709 | 3/4   | 129,523 | 3/4   | 120,553 | 3/4   | 111,583 | 3/4   | 102,086 | 3/4   | 91,710 | 3/4   | 81,334 |
| 1     |     | 1     |     | 1     |     | 1     | 138,516 | 1     | 129,336 | 1     | 120,366 | 1     | 111,396 | 1     | 101,870 | 1     | 91,494 | 1     | 81,118 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 138,323 | 1/4   | 129,149 | 1/4   | 120,179 | 1/4   | 111,209 | 1/4   | 101,653 | 1/4   | 91,277 | 1/4   | 80,901 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 138,131 | 1/2   | 128,962 | 1/2   | 119,992 | 1/2   | 111,022 | 1/2   | 101,437 | 1/2   | 91,061 | 1/2   | 80,685 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 137,938 | 3/4   | 128,775 | 3/4   | 119,805 | 3/4   | 110,835 | 3/4   | 101,221 | 3/4   | 90,845 | 3/4   | 80,469 |
| 2     |     | 2     |     | 2     |     | 2     | 137,746 | 2     | 128,588 | 2     | 119,618 | 2     | 110,649 | 2     | 101,005 | 2     | 90,629 | 2     | 80,253 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 137,553 | 1/4   | 128,401 | 1/4   | 119,432 | 1/4   | 110,462 | 1/4   | 100,789 | 1/4   | 90,413 | 1/4   | 80,037 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 137,361 | 1/2   | 128,215 | 1/2   | 119,245 | 1/2   | 110,275 | 1/2   | 100,573 | 1/2   | 90,197 | 1/2   | 79,821 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 137,168 | 3/4   | 128,028 | 3/4   | 119,058 | 3/4   | 110,088 | 3/4   | 100,356 | 3/4   | 89,980 | 3/4   | 79,604 |
| 3     |     | 3     |     | 3     |     | 3     | 136,976 | 3     | 127,841 | 3     | 118,871 | 3     | 109,901 | 3     | 100,140 | 3     | 89,764 | 3     | 79,388 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 136,783 | 1/4   | 127,654 | 1/4   | 118,684 | 1/4   | 109,714 | 1/4   | 99,924  | 1/4   | 89,548 | 1/4   | 79,172 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 136,590 | 1/2   | 127,467 | 1/2   | 118,497 | 1/2   | 109,527 | 1/2   | 99,708  | 1/2   | 89,332 | 1/2   | 78,956 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 144,799 | 3/4   | 136,398 | 3/4   | 127,280 | 3/4   | 118,310 | 3/4   | 99,492  | 3/4   | 89,116 | 3/4   | 78,740 |
| 4     |     | 4     |     | 4     |     | 4     | 144,777 | 4     | 136,205 | 4     | 127,093 | 4     | 118,123 | 4     | 99,276  | 4     | 88,900 | 4     | 78,524 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 144,755 | 1/4   | 136,013 | 1/4   | 126,906 | 1/4   | 117,937 | 1/4   | 99,059  | 1/4   | 88,683 | 1/4   | 78,307 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 144,669 | 1/2   | 135,820 | 1/2   | 126,720 | 1/2   | 117,750 | 1/2   | 98,843  | 1/2   | 88,467 | 1/2   | 78,091 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 144,582 | 3/4   | 135,628 | 3/4   | 126,533 | 3/4   | 117,563 | 3/4   | 98,627  | 3/4   | 88,251 | 3/4   | 77,875 |
| 5     |     | 5     |     | 5     |     | 5     | 144,495 | 5     | 135,435 | 5     | 126,346 | 5     | 117,376 | 5     | 98,406  | 5     | 88,035 | 5     | 77,659 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 144,409 | 1/4   | 135,243 | 1/4   | 126,159 | 1/4   | 117,189 | 1/4   | 98,219  | 1/4   | 87,819 | 1/4   | 77,443 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 144,235 | 1/2   | 135,050 | 1/2   | 125,972 | 1/2   | 117,002 | 1/2   | 98,032  | 1/2   | 87,603 | 1/2   | 77,227 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 144,062 | 3/4   | 134,857 | 3/4   | 125,785 | 3/4   | 116,815 | 3/4   | 97,845  | 3/4   | 87,386 | 3/4   | 77,011 |
| 6     |     | 6     |     | 6     |     | 6     | 143,888 | 6     | 134,665 | 6     | 125,598 | 6     | 116,628 | 6     | 97,659  | 6     | 87,170 | 6     | 76,794 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 143,715 | 1/4   | 134,472 | 1/4   | 125,411 | 1/4   | 116,442 | 1/4   | 97,472  | 1/4   | 86,954 | 1/4   | 76,578 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 143,522 | 1/2   | 134,280 | 1/2   | 125,225 | 1/2   | 116,255 | 1/2   | 97,285  | 1/2   | 86,738 | 1/2   | 76,362 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 143,330 | 3/4   | 134,087 | 3/4   | 125,038 | 3/4   | 116,068 | 3/4   | 97,098  | 3/4   | 86,522 | 3/4   | 76,146 |
| 7     |     | 7     |     | 7     |     | 7     | 143,137 | 7     | 133,895 | 7     | 124,851 | 7     | 115,881 | 7     | 96,911  | 7     | 86,306 | 7     | 75,930 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 142,945 | 1/4   | 133,702 | 1/4   | 124,664 | 1/4   | 115,694 | 1/4   | 96,724  | 1/4   | 86,089 | 1/4   | 75,713 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 142,752 | 1/2   | 133,510 | 1/2   | 124,477 | 1/2   | 115,507 | 1/2   | 96,537  | 1/2   | 85,873 | 1/2   | 75,497 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 142,560 | 3/4   | 133,317 | 3/4   | 124,290 | 3/4   | 115,320 | 3/4   | 96,350  | 3/4   | 85,657 | 3/4   | 75,281 |
| 8     |     | 8     |     | 8     |     | 8     | 142,367 | 8     | 133,124 | 8     | 124,103 | 8     | 115,133 | 8     | 96,164  | 8     | 85,441 | 8     | 75,065 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 142,175 | 1/4   | 132,932 | 1/4   | 123,916 | 1/4   | 114,947 | 1/4   | 95,977  | 1/4   | 85,225 | 1/4   | 74,849 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 141,982 | 1/2   | 132,739 | 1/2   | 123,730 | 1/2   | 114,760 | 1/2   | 95,761  | 1/2   | 85,009 | 1/2   | 74,633 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 141,789 | 3/4   | 132,547 | 3/4   | 123,543 | 3/4   | 114,573 | 3/4   | 95,544  | 3/4   | 84,792 | 3/4   | 74,416 |
| 9     |     | 9     |     | 9     |     | 9     | 141,597 | 9     | 132,354 | 9     | 123,356 | 9     | 114,386 | 9     | 95,328  | 9     | 84,576 | 9     | 74,200 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 141,404 | 1/4   | 132,162 | 1/4   | 123,169 | 1/4   | 114,199 | 1/4   | 95,112  | 1/4   | 84,360 | 1/4   | 73,984 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 141,212 | 1/2   | 131,969 | 1/2   | 122,982 | 1/2   | 114,012 | 1/2   | 94,896  | 1/2   | 84,144 | 1/2   | 73,768 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 141,019 | 3/4   | 131,777 | 3/4   | 122,795 | 3/4   | 113,825 | 3/4   | 94,680  | 3/4   | 83,928 | 3/4   | 73,552 |
| 10    |     | 10    |     | 10    |     | 10    | 140,827 | 10    | 131,584 | 10    | 122,608 | 10    | 113,639 | 10    | 94,464  | 10    | 83,712 | 10    | 73,336 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 140,634 | 1/4   | 131,391 | 1/4   | 122,422 | 1/4   | 113,452 | 1/4   | 94,247  | 1/4   | 83,495 | 1/4   | 73,119 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 140,442 | 1/2   | 131,205 | 1/2   | 122,235 | 1/2   | 113,265 | 1/2   | 94,031  | 1/2   | 83,279 | 1/2   | 72,903 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 140,249 | 3/4   | 131,018 | 3/4   | 122,048 | 3/4   | 113,078 | 3/4   | 93,815  | 3/4   | 83,063 | 3/4   | 72,687 |
| 11    |     | 11    |     | 11    |     | 11    | 140,056 | 11    | 130,831 | 11    | 121,861 | 11    | 112,891 | 11    | 93,599  | 11    | 82,847 | 11    | 72,471 |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 139,864 | 1/4   | 130,644 | 1/4   | 121,674 | 1/4   | 112,704 | 1/4   | 93,383  | 1/4   | 82,631 | 1/4   | 72,255 |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 139,671 | 1/2   | 130,457 | 1/2   | 121,487 | 1/2   | 112,517 | 1/2   | 93,167  | 1/2   | 82,415 | 1/2   | 72,039 |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 139,479 | 3/4   | 130,270 | 3/4   | 121,300 | 3/4   | 112,330 | 3/4   | 92,950  | 3/4   | 82,198 | 3/4   | 71,822 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 25'-00" FORWARD OF AFT BULKHEAD.

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# BARGE "DBL 86"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 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   | 71,606 | 0   | 61,230 | 0   | 50,873 | 0   | 40,508 | 0   | 30,138 | 0   | 19,926 | 0   | 9,585  | 0   | 91     | 0   |        | 0   |        |
| 1/4 | 71,390 | 1/4 | 61,014 | 1/4 | 50,658 | 1/4 | 40,292 | 1/4 | 29,922 | 1/4 | 19,716 | 1/4 | 9,368  | 1/4 | 48     | 1/4 |        | 1/4 |        |
| 1/2 | 71,174 | 1/2 | 60,798 | 1/2 | 50,442 | 1/2 | 40,076 | 1/2 | 29,706 | 1/2 | 19,505 | 1/2 | 9,151  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 70,958 | 3/4 | 60,582 | 3/4 | 50,227 | 3/4 | 39,860 | 3/4 | 29,490 | 3/4 | 19,294 | 3/4 | 8,934  | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 70,742 | 1   | 60,366 | 1   | 50,011 | 1   | 39,644 | 1   | 29,274 | 1   | 19,083 | 1   | 8,718  | 1   |        | 1   |        | 1   |        |
| 1/4 | 70,525 | 1/4 | 60,149 | 1/4 | 49,795 | 1/4 | 39,428 | 1/4 | 29,058 | 1/4 | 18,871 | 1/4 | 8,501  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 70,309 | 1/2 | 59,933 | 1/2 | 49,580 | 1/2 | 39,212 | 1/2 | 28,842 | 1/2 | 18,660 | 1/2 | 8,284  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 70,093 | 3/4 | 59,717 | 3/4 | 49,364 | 3/4 | 38,996 | 3/4 | 28,626 | 3/4 | 18,449 | 3/4 | 8,067  | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 69,877 | 2   | 59,501 | 2   | 49,149 | 2   | 38,780 | 2   | 28,410 | 2   | 18,238 | 2   | 7,851  | 2   |        | 2   |        | 2   |        |
| 1/4 | 69,661 | 1/4 | 59,285 | 1/4 | 48,933 | 1/4 | 38,564 | 1/4 | 28,194 | 1/4 | 18,027 | 1/4 | 7,634  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 69,445 | 1/2 | 59,069 | 1/2 | 48,717 | 1/2 | 38,348 | 1/2 | 27,978 | 1/2 | 17,813 | 1/2 | 7,417  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 69,228 | 3/4 | 58,852 | 3/4 | 48,501 | 3/4 | 38,131 | 3/4 | 27,762 | 3/4 | 17,599 | 3/4 | 7,200  | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 69,012 | 3   | 58,636 | 3   | 48,285 | 3   | 37,915 | 3   | 27,546 | 3   | 17,385 | 3   | 6,984  | 3   |        | 3   |        | 3   |        |
| 1/4 | 68,796 | 1/4 | 58,420 | 1/4 | 48,069 | 1/4 | 37,699 | 1/4 | 27,330 | 1/4 | 17,171 | 1/4 | 6,767  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 68,580 | 1/2 | 58,204 | 1/2 | 47,853 | 1/2 | 37,483 | 1/2 | 27,114 | 1/2 | 16,954 | 1/2 | 6,550  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 68,364 | 3/4 | 57,988 | 3/4 | 47,637 | 3/4 | 37,267 | 3/4 | 26,898 | 3/4 | 16,738 | 3/4 | 6,333  | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 68,148 | 4   | 57,772 | 4   | 47,421 | 4   | 37,051 | 4   | 26,682 | 4   | 16,521 | 4   | 6,117  | 4   |        | 4   |        | 4   |        |
| 1/4 | 67,931 | 1/4 | 57,555 | 1/4 | 47,205 | 1/4 | 36,835 | 1/4 | 26,466 | 1/4 | 16,304 | 1/4 | 5,900  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 67,715 | 1/2 | 57,340 | 1/2 | 46,989 | 1/2 | 36,619 | 1/2 | 26,252 | 1/2 | 16,087 | 1/2 | 5,683  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 67,499 | 3/4 | 57,124 | 3/4 | 46,773 | 3/4 | 36,403 | 3/4 | 26,039 | 3/4 | 15,871 | 3/4 | 5,466  | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 67,283 | 5   | 56,909 | 5   | 46,557 | 5   | 36,187 | 5   | 25,825 | 5   | 15,654 | 5   | 5,250  | 5   |        | 5   |        | 5   |        |
| 1/4 | 67,067 | 1/4 | 56,693 | 1/4 | 46,341 | 1/4 | 35,971 | 1/4 | 25,612 | 1/4 | 15,437 | 1/4 | 5,033  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 66,851 | 1/2 | 56,478 | 1/2 | 46,125 | 1/2 | 35,755 | 1/2 | 25,401 | 1/2 | 15,220 | 1/2 | 4,816  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 66,634 | 3/4 | 56,262 | 3/4 | 45,909 | 3/4 | 35,539 | 3/4 | 25,191 | 3/4 | 15,004 | 3/4 | 4,599  | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 66,418 | 6   | 56,047 | 6   | 45,693 | 6   | 35,323 | 6   | 24,980 | 6   | 14,787 | 6   | 4,383  | 6   |        | 6   |        | 6   |        |
| 1/4 | 66,202 | 1/4 | 55,831 | 1/4 | 45,477 | 1/4 | 35,107 | 1/4 | 24,770 | 1/4 | 14,570 | 1/4 | 4,166  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 65,986 | 1/2 | 55,615 | 1/2 | 45,261 | 1/2 | 34,891 | 1/2 | 24,559 | 1/2 | 14,353 | 1/2 | 3,949  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 65,770 | 3/4 | 55,400 | 3/4 | 45,045 | 3/4 | 34,675 | 3/4 | 24,348 | 3/4 | 14,137 | 3/4 | 3,732  | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 65,554 | 7   | 55,184 | 7   | 44,829 | 7   | 34,459 | 7   | 24,138 | 7   | 13,920 | 7   | 3,516  | 7   |        | 7   |        | 7   |        |
| 1/4 | 65,337 | 1/4 | 54,969 | 1/4 | 44,613 | 1/4 | 34,243 | 1/4 | 23,927 | 1/4 | 13,703 | 1/4 | 3,299  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 65,121 | 1/2 | 54,753 | 1/2 | 44,397 | 1/2 | 34,027 | 1/2 | 23,717 | 1/2 | 13,486 | 1/2 | 3,082  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 64,905 | 3/4 | 54,538 | 3/4 | 44,180 | 3/4 | 33,811 | 3/4 | 23,506 | 3/4 | 13,270 | 3/4 | 2,865  | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 64,689 | 8   | 54,322 | 8   | 43,964 | 8   | 33,595 | 8   | 23,296 | 8   | 13,053 | 8   | 2,649  | 8   |        | 8   |        | 8   |        |
| 1/4 | 64,473 | 1/4 | 54,107 | 1/4 | 43,748 | 1/4 | 33,379 | 1/4 | 23,085 | 1/4 | 12,836 | 1/4 | 2,432  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 64,257 | 1/2 | 53,891 | 1/2 | 43,532 | 1/2 | 33,163 | 1/2 | 22,874 | 1/2 | 12,619 | 1/2 | 2,215  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 64,040 | 3/4 | 53,675 | 3/4 | 43,316 | 3/4 | 32,947 | 3/4 | 22,664 | 3/4 | 12,402 | 3/4 | 1,998  | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 63,824 | 9   | 53,460 | 9   | 43,100 | 9   | 32,731 | 9   | 22,453 | 9   | 12,186 | 9   | 1,782  | 9   |        | 9   |        | 9   |        |
| 1/4 | 63,608 | 1/4 | 53,244 | 1/4 | 42,884 | 1/4 | 32,515 | 1/4 | 22,243 | 1/4 | 11,969 | 1/4 | 1,565  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 63,392 | 1/2 | 53,029 | 1/2 | 42,668 | 1/2 | 32,299 | 1/2 | 22,032 | 1/2 | 11,752 | 1/2 | 1,359  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 63,176 | 3/4 | 52,813 | 3/4 | 42,452 | 3/4 | 32,083 | 3/4 | 21,822 | 3/4 | 11,535 | 3/4 | 1,153  | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 62,960 | 10  | 52,598 | 10  | 42,236 | 10  | 31,866 | 10  | 21,611 | 10  | 11,319 | 10  | 947    | 10  |        | 10  |        | 10  |        |
| 1/4 | 62,743 | 1/4 | 52,382 | 1/4 | 42,020 | 1/4 | 31,650 | 1/4 | 21,400 | 1/4 | 11,102 | 1/4 | 741    | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 62,527 | 1/2 | 52,167 | 1/2 | 41,804 | 1/2 | 31,434 | 1/2 | 21,190 | 1/2 | 10,885 | 1/2 | 611    | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 62,311 | 3/4 | 51,951 | 3/4 | 41,588 | 3/4 | 31,218 | 3/4 | 20,979 | 3/4 | 10,668 | 3/4 | 481    | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 62,095 | 11  | 51,735 | 11  | 41,372 | 11  | 31,002 | 11  | 20,769 | 11  | 10,452 | 11  | 351    | 11  |        | 11  |        | 11  |        |
| 1/4 | 61,879 | 1/4 | 51,520 | 1/4 | 41,156 | 1/4 | 30,786 | 1/4 | 20,558 | 1/4 | 10,235 | 1/4 | 221    | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 61,663 | 1/2 | 51,304 | 1/2 | 40,940 | 1/2 | 30,570 | 1/2 | 20,348 | 1/2 | 10,018 | 1/2 | 178    | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 61,446 | 3/4 | 51,089 | 3/4 | 40,724 | 3/4 | 30,354 | 3/4 | 20,137 | 3/4 | 9,801  | 3/4 | 134    | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2010 CL - SW  
CALCULATED: 04/07/2010 CL  
PRINTED: 04/07/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2010

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



# BARGE "DBL 86"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

| 0 FT. |     | 1 FT. |     | 2 FT. |     | 3 FT. |         | 4 FT. |         | 5 FT. |         | 6 FT. |         | 7 FT. |         | 8 FT. |         | 9 FT. |        |
|-------|-----|-------|-----|-------|-----|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|--------|
| IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT     | IN    | OUT     | IN    | OUT     | IN    | OUT     | IN    | OUT     | IN    | OUT     | IN    | OUT    |
| 0     |     | 0     |     | 0     |     | 0     | 161,545 | 0     | 149,920 | 0     | 138,294 | 0     | 126,669 | 0     | 115,044 | 0     | 103,418 | 0     | 91,793 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 161,303 | 1/4   | 149,677 | 1/4   | 138,052 | 1/4   | 126,427 | 1/4   | 114,801 | 1/4   | 103,176 | 1/4   | 91,551 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 161,061 | 1/2   | 149,435 | 1/2   | 137,810 | 1/2   | 126,185 | 1/2   | 114,559 | 1/2   | 102,934 | 1/2   | 91,309 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 160,818 | 3/4   | 149,193 | 3/4   | 137,568 | 3/4   | 125,942 | 3/4   | 114,317 | 3/4   | 102,692 | 3/4   | 91,066 |
| 1     |     | 1     |     | 1     |     | 1     | 160,576 | 1     | 148,951 | 1     | 137,326 | 1     | 125,700 | 1     | 114,075 | 1     | 102,450 | 1     | 90,824 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 160,334 | 1/4   | 148,709 | 1/4   | 137,083 | 1/4   | 125,458 | 1/4   | 113,833 | 1/4   | 102,207 | 1/4   | 90,582 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 160,092 | 1/2   | 148,466 | 1/2   | 136,841 | 1/2   | 125,216 | 1/2   | 113,591 | 1/2   | 101,965 | 1/2   | 90,340 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 159,850 | 3/4   | 148,224 | 3/4   | 136,599 | 3/4   | 124,974 | 3/4   | 113,348 | 3/4   | 101,723 | 3/4   | 90,098 |
| 2     |     | 2     |     | 2     |     | 2     | 159,607 | 2     | 147,982 | 2     | 136,357 | 2     | 124,731 | 2     | 113,106 | 2     | 101,481 | 2     | 89,855 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 159,365 | 1/4   | 147,740 | 1/4   | 136,115 | 1/4   | 124,489 | 1/4   | 112,864 | 1/4   | 101,239 | 1/4   | 89,613 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 159,123 | 1/2   | 147,498 | 1/2   | 135,872 | 1/2   | 124,247 | 1/2   | 112,622 | 1/2   | 100,996 | 1/2   | 89,371 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 158,881 | 3/4   | 147,256 | 3/4   | 135,630 | 3/4   | 124,005 | 3/4   | 112,380 | 3/4   | 100,754 | 3/4   | 89,129 |
| 3     |     | 3     |     | 3     |     | 3     | 158,639 | 3     | 147,013 | 3     | 135,388 | 3     | 123,763 | 3     | 112,137 | 3     | 100,512 | 3     | 88,887 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 158,396 | 1/4   | 146,771 | 1/4   | 135,146 | 1/4   | 123,520 | 1/4   | 111,895 | 1/4   | 100,270 | 1/4   | 88,644 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 158,154 | 1/2   | 146,529 | 1/2   | 134,904 | 1/2   | 123,278 | 1/2   | 111,653 | 1/2   | 100,028 | 1/2   | 88,402 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 157,912 | 3/4   | 146,287 | 3/4   | 134,661 | 3/4   | 123,036 | 3/4   | 111,411 | 3/4   | 99,785  | 3/4   | 88,160 |
| 4     |     | 4     |     | 4     |     | 4     | 168,326 | 4     | 157,670 | 4     | 146,045 | 4     | 134,419 | 4     | 122,794 | 4     | 111,169 | 4     | 99,543 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 168,302 | 1/4   | 157,428 | 1/4   | 145,802 | 1/4   | 134,177 | 1/4   | 122,552 | 1/4   | 110,926 | 1/4   | 99,301 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 168,278 | 1/2   | 157,185 | 1/2   | 145,560 | 1/2   | 133,935 | 1/2   | 122,310 | 1/2   | 110,684 | 1/2   | 99,059 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 168,181 | 3/4   | 156,943 | 3/4   | 145,318 | 3/4   | 133,693 | 3/4   | 122,067 | 3/4   | 110,442 | 3/4   | 98,817 |
| 5     |     | 5     |     | 5     |     | 5     | 168,084 | 5     | 156,701 | 5     | 145,076 | 5     | 133,450 | 5     | 121,825 | 5     | 110,200 | 5     | 98,574 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 167,987 | 1/4   | 156,459 | 1/4   | 144,834 | 1/4   | 133,208 | 1/4   | 121,583 | 1/4   | 109,958 | 1/4   | 98,332 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 167,891 | 1/2   | 156,217 | 1/2   | 144,591 | 1/2   | 132,966 | 1/2   | 121,341 | 1/2   | 109,715 | 1/2   | 98,090 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 167,697 | 3/4   | 155,975 | 3/4   | 144,349 | 3/4   | 132,724 | 3/4   | 121,099 | 3/4   | 109,473 | 3/4   | 97,848 |
| 6     |     | 6     |     | 6     |     | 6     | 167,503 | 6     | 155,732 | 6     | 144,107 | 6     | 132,482 | 6     | 120,856 | 6     | 109,231 | 6     | 97,606 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 167,309 | 1/4   | 155,490 | 1/4   | 143,865 | 1/4   | 132,239 | 1/4   | 120,614 | 1/4   | 108,989 | 1/4   | 97,363 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 167,115 | 1/2   | 155,248 | 1/2   | 143,623 | 1/2   | 131,997 | 1/2   | 120,372 | 1/2   | 108,747 | 1/2   | 97,121 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 166,873 | 3/4   | 155,006 | 3/4   | 143,380 | 3/4   | 131,755 | 3/4   | 120,130 | 3/4   | 108,504 | 3/4   | 96,879 |
| 7     |     | 7     |     | 7     |     | 7     | 166,631 | 7     | 154,764 | 7     | 143,138 | 7     | 131,513 | 7     | 119,888 | 7     | 108,262 | 7     | 96,637 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 166,389 | 1/4   | 154,521 | 1/4   | 142,896 | 1/4   | 131,271 | 1/4   | 119,645 | 1/4   | 108,020 | 1/4   | 96,395 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 166,147 | 1/2   | 154,279 | 1/2   | 142,654 | 1/2   | 131,029 | 1/2   | 119,403 | 1/2   | 107,778 | 1/2   | 96,153 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 165,904 | 3/4   | 154,037 | 3/4   | 142,412 | 3/4   | 130,786 | 3/4   | 119,161 | 3/4   | 107,536 | 3/4   | 95,910 |
| 8     |     | 8     |     | 8     |     | 8     | 165,662 | 8     | 153,795 | 8     | 142,169 | 8     | 130,544 | 8     | 118,919 | 8     | 107,293 | 8     | 95,668 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 165,420 | 1/4   | 153,553 | 1/4   | 141,927 | 1/4   | 130,302 | 1/4   | 118,677 | 1/4   | 107,051 | 1/4   | 95,426 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 165,178 | 1/2   | 153,310 | 1/2   | 141,685 | 1/2   | 130,060 | 1/2   | 118,434 | 1/2   | 106,809 | 1/2   | 95,184 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 164,936 | 3/4   | 153,068 | 3/4   | 141,443 | 3/4   | 129,818 | 3/4   | 118,192 | 3/4   | 106,567 | 3/4   | 94,942 |
| 9     |     | 9     |     | 9     |     | 9     | 164,694 | 9     | 152,826 | 9     | 141,201 | 9     | 129,575 | 9     | 117,950 | 9     | 106,325 | 9     | 94,699 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 164,451 | 1/4   | 152,584 | 1/4   | 140,958 | 1/4   | 129,333 | 1/4   | 117,708 | 1/4   | 106,082 | 1/4   | 94,457 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 164,209 | 1/2   | 152,342 | 1/2   | 140,716 | 1/2   | 129,091 | 1/2   | 117,466 | 1/2   | 105,840 | 1/2   | 94,215 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 163,967 | 3/4   | 152,099 | 3/4   | 140,474 | 3/4   | 128,849 | 3/4   | 117,223 | 3/4   | 105,598 | 3/4   | 93,973 |
| 10    |     | 10    |     | 10    |     | 10    | 163,725 | 10    | 151,857 | 10    | 140,232 | 10    | 128,607 | 10    | 116,981 | 10    | 105,356 | 10    | 93,731 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 163,483 | 1/4   | 151,615 | 1/4   | 140,022 | 1/4   | 128,364 | 1/4   | 116,739 | 1/4   | 105,114 | 1/4   | 93,488 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 163,240 | 1/2   | 151,373 | 1/2   | 139,747 | 1/2   | 128,122 | 1/2   | 116,497 | 1/2   | 104,872 | 1/2   | 93,246 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 162,998 | 3/4   | 151,131 | 3/4   | 139,505 | 3/4   | 127,880 | 3/4   | 116,255 | 3/4   | 104,629 | 3/4   | 93,004 |
| 11    |     | 11    |     | 11    |     | 11    | 162,756 | 11    | 150,888 | 11    | 139,263 | 11    | 127,638 | 11    | 116,012 | 11    | 104,387 | 11    | 92,762 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 162,514 | 1/4   | 150,646 | 1/4   | 139,021 | 1/4   | 127,396 | 1/4   | 115,770 | 1/4   | 104,145 | 1/4   | 92,520 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 162,272 | 1/2   | 150,404 | 1/2   | 138,779 | 1/2   | 127,153 | 1/2   | 115,528 | 1/2   | 103,903 | 1/2   | 92,277 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 162,029 | 3/4   | 150,162 | 3/4   | 138,537 | 3/4   | 126,911 | 3/4   | 115,286 | 3/4   | 103,661 | 3/4   | 92,035 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "DBL 86"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 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   | 80,168 | 0   | 68,542 | 0   | 56,917 | 0   | 45,292 | 0   | 33,666 | 0   | 22,249 | 0   | 10,703 | 0   | 95     | 0   |        | 0   |        |
| 1/4 | 79,925 | 1/4 | 68,300 | 1/4 | 56,675 | 1/4 | 45,049 | 1/4 | 33,424 | 1/4 | 22,014 | 1/4 | 10,461 | 1/4 | 47     | 1/4 |        | 1/4 |        |
| 1/2 | 79,683 | 1/2 | 68,058 | 1/2 | 56,433 | 1/2 | 44,807 | 1/2 | 33,182 | 1/2 | 21,779 | 1/2 | 10,219 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 79,441 | 3/4 | 67,816 | 3/4 | 56,190 | 3/4 | 44,565 | 3/4 | 32,940 | 3/4 | 21,544 | 3/4 | 9,976  | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 79,199 | 1   | 67,574 | 1   | 55,948 | 1   | 44,323 | 1   | 32,698 | 1   | 21,309 | 1   | 9,734  | 1   |        | 1   |        | 1   |        |
| 1/4 | 78,957 | 1/4 | 67,331 | 1/4 | 55,706 | 1/4 | 44,081 | 1/4 | 32,455 | 1/4 | 21,074 | 1/4 | 9,492  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 78,715 | 1/2 | 67,089 | 1/2 | 55,464 | 1/2 | 43,839 | 1/2 | 32,213 | 1/2 | 20,839 | 1/2 | 9,250  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 78,472 | 3/4 | 66,847 | 3/4 | 55,222 | 3/4 | 43,596 | 3/4 | 31,971 | 3/4 | 20,604 | 3/4 | 9,008  | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 78,230 | 2   | 66,605 | 2   | 54,979 | 2   | 43,354 | 2   | 31,729 | 2   | 20,369 | 2   | 8,765  | 2   |        | 2   |        | 2   |        |
| 1/4 | 77,988 | 1/4 | 66,363 | 1/4 | 54,737 | 1/4 | 43,112 | 1/4 | 31,487 | 1/4 | 20,134 | 1/4 | 8,523  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 77,746 | 1/2 | 66,120 | 1/2 | 54,495 | 1/2 | 42,870 | 1/2 | 31,244 | 1/2 | 19,895 | 1/2 | 8,281  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 77,504 | 3/4 | 65,878 | 3/4 | 54,253 | 3/4 | 42,628 | 3/4 | 31,002 | 3/4 | 19,657 | 3/4 | 8,039  | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 77,261 | 3   | 65,636 | 3   | 54,011 | 3   | 42,385 | 3   | 30,760 | 3   | 19,418 | 3   | 7,797  | 3   |        | 3   |        | 3   |        |
| 1/4 | 77,019 | 1/4 | 65,394 | 1/4 | 53,768 | 1/4 | 42,143 | 1/4 | 30,518 | 1/4 | 19,179 | 1/4 | 7,555  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 76,777 | 1/2 | 65,152 | 1/2 | 53,526 | 1/2 | 41,901 | 1/2 | 30,276 | 1/2 | 18,937 | 1/2 | 7,312  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 76,535 | 3/4 | 64,909 | 3/4 | 53,284 | 3/4 | 41,659 | 3/4 | 30,033 | 3/4 | 18,695 | 3/4 | 7,070  | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 76,293 | 4   | 64,667 | 4   | 53,042 | 4   | 41,417 | 4   | 29,791 | 4   | 18,453 | 4   | 6,828  | 4   |        | 4   |        | 4   |        |
| 1/4 | 76,050 | 1/4 | 64,425 | 1/4 | 52,800 | 1/4 | 41,174 | 1/4 | 29,549 | 1/4 | 18,211 | 1/4 | 6,586  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 75,808 | 1/2 | 64,183 | 1/2 | 52,558 | 1/2 | 40,932 | 1/2 | 29,310 | 1/2 | 17,969 | 1/2 | 6,344  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 75,566 | 3/4 | 63,941 | 3/4 | 52,315 | 3/4 | 40,690 | 3/4 | 29,072 | 3/4 | 17,726 | 3/4 | 6,101  | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 75,324 | 5   | 63,698 | 5   | 52,073 | 5   | 40,448 | 5   | 28,833 | 5   | 17,484 | 5   | 5,859  | 5   |        | 5   |        | 5   |        |
| 1/4 | 75,082 | 1/4 | 63,456 | 1/4 | 51,831 | 1/4 | 40,206 | 1/4 | 28,594 | 1/4 | 17,242 | 1/4 | 5,617  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 74,839 | 1/2 | 63,214 | 1/2 | 51,589 | 1/2 | 39,963 | 1/2 | 28,359 | 1/2 | 17,000 | 1/2 | 5,375  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 74,597 | 3/4 | 62,972 | 3/4 | 51,347 | 3/4 | 39,721 | 3/4 | 28,124 | 3/4 | 16,758 | 3/4 | 5,133  | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 74,355 | 6   | 62,730 | 6   | 51,104 | 6   | 39,479 | 6   | 27,889 | 6   | 16,515 | 6   | 4,891  | 6   |        | 6   |        | 6   |        |
| 1/4 | 74,113 | 1/4 | 62,487 | 1/4 | 50,862 | 1/4 | 39,237 | 1/4 | 27,654 | 1/4 | 16,273 | 1/4 | 4,648  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 73,871 | 1/2 | 62,245 | 1/2 | 50,620 | 1/2 | 38,995 | 1/2 | 27,419 | 1/2 | 16,031 | 1/2 | 4,406  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 73,628 | 3/4 | 62,003 | 3/4 | 50,378 | 3/4 | 38,752 | 3/4 | 27,184 | 3/4 | 15,789 | 3/4 | 4,164  | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 73,386 | 7   | 61,761 | 7   | 50,136 | 7   | 38,510 | 7   | 26,949 | 7   | 15,547 | 7   | 3,922  | 7   |        | 7   |        | 7   |        |
| 1/4 | 73,144 | 1/4 | 61,519 | 1/4 | 49,893 | 1/4 | 38,268 | 1/4 | 26,714 | 1/4 | 15,304 | 1/4 | 3,680  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 72,902 | 1/2 | 61,277 | 1/2 | 49,651 | 1/2 | 38,026 | 1/2 | 26,479 | 1/2 | 15,062 | 1/2 | 3,437  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 72,660 | 3/4 | 61,034 | 3/4 | 49,409 | 3/4 | 37,784 | 3/4 | 26,244 | 3/4 | 14,820 | 3/4 | 3,195  | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 72,417 | 8   | 60,792 | 8   | 49,167 | 8   | 37,541 | 8   | 26,009 | 8   | 14,578 | 8   | 2,953  | 8   |        | 8   |        | 8   |        |
| 1/4 | 72,175 | 1/4 | 60,550 | 1/4 | 48,925 | 1/4 | 37,299 | 1/4 | 25,774 | 1/4 | 14,336 | 1/4 | 2,711  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 71,933 | 1/2 | 60,308 | 1/2 | 48,682 | 1/2 | 37,057 | 1/2 | 25,539 | 1/2 | 14,094 | 1/2 | 2,469  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 71,691 | 3/4 | 60,066 | 3/4 | 48,440 | 3/4 | 36,815 | 3/4 | 25,304 | 3/4 | 13,851 | 3/4 | 2,226  | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 71,449 | 9   | 59,823 | 9   | 48,198 | 9   | 36,573 | 9   | 25,069 | 9   | 13,609 | 9   | 1,984  | 9   |        | 9   |        | 9   |        |
| 1/4 | 71,206 | 1/4 | 59,581 | 1/4 | 47,956 | 1/4 | 36,330 | 1/4 | 24,834 | 1/4 | 13,367 | 1/4 | 1,742  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 70,964 | 1/2 | 59,339 | 1/2 | 47,714 | 1/2 | 36,088 | 1/2 | 24,599 | 1/2 | 13,125 | 1/2 | 1,512  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 70,722 | 3/4 | 59,097 | 3/4 | 47,471 | 3/4 | 35,846 | 3/4 | 24,364 | 3/4 | 12,883 | 3/4 | 1,282  | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 70,480 | 10  | 58,855 | 10  | 47,229 | 10  | 35,604 | 10  | 24,129 | 10  | 12,640 | 10  | 1,052  | 10  |        | 10  |        | 10  |        |
| 1/4 | 70,238 | 1/4 | 58,612 | 1/4 | 46,987 | 1/4 | 35,362 | 1/4 | 23,894 | 1/4 | 12,398 | 1/4 | 822    | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 69,996 | 1/2 | 58,370 | 1/2 | 46,745 | 1/2 | 35,120 | 1/2 | 23,659 | 1/2 | 12,156 | 1/2 | 676    | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 69,753 | 3/4 | 58,128 | 3/4 | 46,503 | 3/4 | 34,877 | 3/4 | 23,424 | 3/4 | 11,914 | 3/4 | 531    | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 69,511 | 11  | 57,886 | 11  | 46,260 | 11  | 34,635 | 11  | 23,189 | 11  | 11,672 | 11  | 386    | 11  |        | 11  |        | 11  |        |
| 1/4 | 69,269 | 1/4 | 57,644 | 1/4 | 46,018 | 1/4 | 34,393 | 1/4 | 22,954 | 1/4 | 11,430 | 1/4 | 241    | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 69,027 | 1/2 | 57,401 | 1/2 | 45,776 | 1/2 | 34,151 | 1/2 | 22,719 | 1/2 | 11,187 | 1/2 | 192    | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 68,785 | 3/4 | 57,159 | 3/4 | 45,534 | 3/4 | 33,909 | 3/4 | 22,484 | 3/4 | 10,945 | 3/4 | 144    | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2010 CL - SW  
CALCULATED: 04/07/2010 CL  
PRINTED: 04/07/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2010

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "DBL 86"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 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   | 71,321 | 0   | 61,014 | 0   | 50,706 | 0   | 40,399 | 0   | 30,091 | 0   | 19,797 | 0   | 9,494  | 0   | 89     | 0   |        | 0   |        |
| 1/4 | 71,107 | 1/4 | 60,799 | 1/4 | 50,491 | 1/4 | 40,184 | 1/4 | 29,876 | 1/4 | 19,583 | 1/4 | 9,280  | 1/4 | 46     | 1/4 |        | 1/4 |        |
| 1/2 | 70,892 | 1/2 | 60,584 | 1/2 | 50,277 | 1/2 | 39,969 | 1/2 | 29,662 | 1/2 | 19,368 | 1/2 | 9,065  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 70,677 | 3/4 | 60,370 | 3/4 | 50,062 | 3/4 | 39,754 | 3/4 | 29,447 | 3/4 | 19,154 | 3/4 | 8,850  | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 70,462 | 1   | 60,155 | 1   | 49,847 | 1   | 39,540 | 1   | 29,232 | 1   | 18,940 | 1   | 8,635  | 1   |        | 1   |        | 1   |        |
| 1/4 | 70,248 | 1/4 | 59,940 | 1/4 | 49,632 | 1/4 | 39,325 | 1/4 | 29,017 | 1/4 | 18,725 | 1/4 | 8,421  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 70,033 | 1/2 | 59,725 | 1/2 | 49,418 | 1/2 | 39,110 | 1/2 | 28,803 | 1/2 | 18,511 | 1/2 | 8,206  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 69,818 | 3/4 | 59,511 | 3/4 | 49,203 | 3/4 | 38,895 | 3/4 | 28,588 | 3/4 | 18,297 | 3/4 | 7,991  | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 69,603 | 2   | 59,296 | 2   | 48,988 | 2   | 38,681 | 2   | 28,373 | 2   | 18,083 | 2   | 7,776  | 2   |        | 2   |        | 2   |        |
| 1/4 | 69,389 | 1/4 | 59,081 | 1/4 | 48,773 | 1/4 | 38,466 | 1/4 | 28,158 | 1/4 | 17,868 | 1/4 | 7,562  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 69,174 | 1/2 | 58,866 | 1/2 | 48,559 | 1/2 | 38,251 | 1/2 | 27,944 | 1/2 | 17,654 | 1/2 | 7,347  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 68,959 | 3/4 | 58,652 | 3/4 | 48,344 | 3/4 | 38,036 | 3/4 | 27,729 | 3/4 | 17,439 | 3/4 | 7,132  | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 68,744 | 3   | 58,437 | 3   | 48,129 | 3   | 37,822 | 3   | 27,514 | 3   | 17,225 | 3   | 6,918  | 3   |        | 3   |        | 3   |        |
| 1/4 | 68,530 | 1/4 | 58,222 | 1/4 | 47,915 | 1/4 | 37,607 | 1/4 | 27,299 | 1/4 | 17,010 | 1/4 | 6,703  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 68,315 | 1/2 | 58,007 | 1/2 | 47,700 | 1/2 | 37,392 | 1/2 | 27,085 | 1/2 | 16,795 | 1/2 | 6,488  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 68,100 | 3/4 | 57,793 | 3/4 | 47,485 | 3/4 | 37,177 | 3/4 | 26,870 | 3/4 | 16,580 | 3/4 | 6,273  | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 67,885 | 4   | 57,578 | 4   | 47,270 | 4   | 36,963 | 4   | 26,655 | 4   | 16,366 | 4   | 6,059  | 4   |        | 4   |        | 4   |        |
| 1/4 | 67,671 | 1/4 | 57,363 | 1/4 | 47,056 | 1/4 | 36,748 | 1/4 | 26,440 | 1/4 | 16,151 | 1/4 | 5,844  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 67,456 | 1/2 | 57,148 | 1/2 | 46,841 | 1/2 | 36,533 | 1/2 | 26,226 | 1/2 | 15,936 | 1/2 | 5,629  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 67,241 | 3/4 | 56,934 | 3/4 | 46,626 | 3/4 | 36,319 | 3/4 | 26,011 | 3/4 | 15,722 | 3/4 | 5,414  | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 67,026 | 5   | 56,719 | 5   | 46,411 | 5   | 36,104 | 5   | 25,797 | 5   | 15,507 | 5   | 5,200  | 5   |        | 5   |        | 5   |        |
| 1/4 | 66,812 | 1/4 | 56,504 | 1/4 | 46,197 | 1/4 | 35,889 | 1/4 | 25,582 | 1/4 | 15,292 | 1/4 | 4,985  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 66,597 | 1/2 | 56,289 | 1/2 | 45,982 | 1/2 | 35,674 | 1/2 | 25,368 | 1/2 | 15,077 | 1/2 | 4,770  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 66,382 | 3/4 | 56,075 | 3/4 | 45,767 | 3/4 | 35,460 | 3/4 | 25,153 | 3/4 | 14,863 | 3/4 | 4,555  | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 66,168 | 6   | 55,860 | 6   | 45,552 | 6   | 35,245 | 6   | 24,939 | 6   | 14,648 | 6   | 4,341  | 6   |        | 6   |        | 6   |        |
| 1/4 | 65,953 | 1/4 | 55,645 | 1/4 | 45,338 | 1/4 | 35,030 | 1/4 | 24,725 | 1/4 | 14,433 | 1/4 | 4,126  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 65,738 | 1/2 | 55,430 | 1/2 | 45,123 | 1/2 | 34,815 | 1/2 | 24,511 | 1/2 | 14,218 | 1/2 | 3,911  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 65,523 | 3/4 | 55,216 | 3/4 | 44,908 | 3/4 | 34,601 | 3/4 | 24,296 | 3/4 | 14,004 | 3/4 | 3,697  | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 65,309 | 7   | 55,001 | 7   | 44,693 | 7   | 34,386 | 7   | 24,082 | 7   | 13,789 | 7   | 3,482  | 7   |        | 7   |        | 7   |        |
| 1/4 | 65,094 | 1/4 | 54,786 | 1/4 | 44,479 | 1/4 | 34,171 | 1/4 | 23,868 | 1/4 | 13,574 | 1/4 | 3,267  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 64,879 | 1/2 | 54,572 | 1/2 | 44,264 | 1/2 | 33,956 | 1/2 | 23,654 | 1/2 | 13,360 | 1/2 | 3,052  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 64,664 | 3/4 | 54,357 | 3/4 | 44,049 | 3/4 | 33,742 | 3/4 | 23,439 | 3/4 | 13,145 | 3/4 | 2,838  | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 64,450 | 8   | 54,142 | 8   | 43,834 | 8   | 33,527 | 8   | 23,225 | 8   | 12,930 | 8   | 2,623  | 8   |        | 8   |        | 8   |        |
| 1/4 | 64,235 | 1/4 | 53,927 | 1/4 | 43,620 | 1/4 | 33,312 | 1/4 | 23,011 | 1/4 | 12,715 | 1/4 | 2,408  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 64,020 | 1/2 | 53,713 | 1/2 | 43,405 | 1/2 | 33,097 | 1/2 | 22,796 | 1/2 | 12,501 | 1/2 | 2,193  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 63,805 | 3/4 | 53,498 | 3/4 | 43,190 | 3/4 | 32,883 | 3/4 | 22,582 | 3/4 | 12,286 | 3/4 | 1,979  | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 63,591 | 9   | 53,283 | 9   | 42,975 | 9   | 32,668 | 9   | 22,368 | 9   | 12,071 | 9   | 1,764  | 9   |        | 9   |        | 9   |        |
| 1/4 | 63,376 | 1/4 | 53,068 | 1/4 | 42,761 | 1/4 | 32,453 | 1/4 | 22,154 | 1/4 | 11,856 | 1/4 | 1,549  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 63,161 | 1/2 | 52,854 | 1/2 | 42,546 | 1/2 | 32,238 | 1/2 | 21,939 | 1/2 | 11,642 | 1/2 | 1,345  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 62,946 | 3/4 | 52,639 | 3/4 | 42,331 | 3/4 | 32,024 | 3/4 | 21,725 | 3/4 | 11,427 | 3/4 | 1,141  | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 62,732 | 10  | 52,424 | 10  | 42,117 | 10  | 31,809 | 10  | 21,511 | 10  | 11,212 | 10  | 937    | 10  |        | 10  |        | 10  |        |
| 1/4 | 62,517 | 1/4 | 52,209 | 1/4 | 41,902 | 1/4 | 31,594 | 1/4 | 21,297 | 1/4 | 10,997 | 1/4 | 733    | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 62,302 | 1/2 | 51,995 | 1/2 | 41,687 | 1/2 | 31,379 | 1/2 | 21,082 | 1/2 | 10,783 | 1/2 | 604    | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 62,087 | 3/4 | 51,780 | 3/4 | 41,472 | 3/4 | 31,165 | 3/4 | 20,868 | 3/4 | 10,568 | 3/4 | 476    | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 61,873 | 11  | 51,565 | 11  | 41,258 | 11  | 30,950 | 11  | 20,654 | 11  | 10,353 | 11  | 347    | 11  |        | 11  |        | 11  |        |
| 1/4 | 61,658 | 1/4 | 51,350 | 1/4 | 41,043 | 1/4 | 30,735 | 1/4 | 20,440 | 1/4 | 10,139 | 1/4 | 218    | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 61,443 | 1/2 | 51,136 | 1/2 | 40,828 | 1/2 | 30,521 | 1/2 | 20,225 | 1/2 | 9,924  | 1/2 | 175    | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 61,228 | 3/4 | 50,921 | 3/4 | 40,613 | 3/4 | 30,306 | 3/4 | 20,011 | 3/4 | 9,709  | 3/4 | 132    | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2010 CL - SW  
CALCULATED: 04/07/2010 CL  
PRINTED: 04/07/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2010

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "DBL 86"

## SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 5'-04 1/4"

| 0 FT. |     | 1 FT. |     | 2 FT. |     | 3 FT. |     | 4 FT. |     | 5 FT. |     | 6 FT. |     | 7 FT. |     | 8 FT. |     | 9 FT. |     |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT |
| 0     | 0   | 0     | 0   | 0     | 0   | 832   | 0   | 478   | 0   | 124   | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 825   | 1/4 | 471   | 1/4 | 117   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 817   | 1/2 | 464   | 1/2 | 110   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 810   | 3/4 | 456   | 3/4 | 103   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |
| 1     | 1   | 1     | 1   | 1     | 1   | 803   | 1   | 449   | 1   | 95    | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 795   | 1/4 | 442   | 1/4 | 88    | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 788   | 1/2 | 434   | 1/2 | 81    | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 781   | 3/4 | 427   | 3/4 | 73    | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |
| 2     | 2   | 2     | 2   | 2     | 2   | 773   | 2   | 420   | 2   | 66    | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 766   | 1/4 | 412   | 1/4 | 59    | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 759   | 1/2 | 405   | 1/2 | 51    | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 751   | 3/4 | 398   | 3/4 | 44    | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |
| 3     | 3   | 3     | 3   | 3     | 3   | 744   | 3   | 390   | 3   | 37    | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3   |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 737   | 1/4 | 383   | 1/4 | 29    | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 729   | 1/2 | 376   | 1/2 | 22    | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 722   | 3/4 | 368   | 3/4 | 15    | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |
| 4     | 4   | 4     | 4   | 4     | 4   | 715   | 4   | 361   | 4   | 7     | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     | 4   |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 707   | 1/4 | 354   | 1/4 | 0     | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 700   | 1/2 | 346   | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 693   | 3/4 | 339   | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |
| 5     | 5   | 5     | 5   | 1,038 | 5   | 685   | 5   | 332   | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   |
| 1/4   | 1/4 | 1/4   | 1/4 | 1,030 | 1/4 | 678   | 1/4 | 324   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1,023 | 1/2 | 670   | 1/2 | 317   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 1,016 | 3/4 | 663   | 3/4 | 309   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |
| 6     | 6   | 6     | 6   | 1,008 | 6   | 656   | 6   | 302   | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   |
| 1/4   | 1/4 | 1/4   | 1/4 | 1,001 | 1/4 | 648   | 1/4 | 295   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 994   | 1/2 | 641   | 1/2 | 287   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 986   | 3/4 | 633   | 3/4 | 280   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |
| 7     | 7   | 7     | 7   | 979   | 7   | 626   | 7   | 272   | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   |
| 1/4   | 1/4 | 1/4   | 1/4 | 972   | 1/4 | 619   | 1/4 | 265   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 964   | 1/2 | 611   | 1/2 | 257   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 957   | 3/4 | 604   | 3/4 | 250   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |
| 8     | 8   | 8     | 8   | 950   | 8   | 596   | 8   | 243   | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   |
| 1/4   | 1/4 | 1/4   | 1/4 | 942   | 1/4 | 589   | 1/4 | 235   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 935   | 1/2 | 582   | 1/2 | 228   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 928   | 3/4 | 574   | 3/4 | 220   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |
| 9     | 9   | 9     | 9   | 920   | 9   | 567   | 9   | 213   | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   |
| 1/4   | 1/4 | 1/4   | 1/4 | 913   | 1/4 | 559   | 1/4 | 206   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 906   | 1/2 | 552   | 1/2 | 198   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 898   | 3/4 | 545   | 3/4 | 191   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |
| 10    | 10  | 10    | 10  | 891   | 10  | 537   | 10  | 183   | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  |
| 1/4   | 1/4 | 1/4   | 1/4 | 883   | 1/4 | 530   | 1/4 | 176   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 876   | 1/2 | 522   | 1/2 | 169   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 869   | 3/4 | 515   | 3/4 | 161   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |
| 11    | 11  | 11    | 11  | 861   | 11  | 508   | 11  | 154   | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  |
| 1/4   | 1/4 | 1/4   | 1/4 | 854   | 1/4 | 500   | 1/4 | 146   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 |
| 1/2   | 1/2 | 1/2   | 1/2 | 847   | 1/2 | 493   | 1/2 | 139   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 |
| 3/4   | 3/4 | 3/4   | 3/4 | 839   | 3/4 | 485   | 3/4 | 132   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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