

6-11-20



BARGE "IB 1318"

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 | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 |
| 2 CENTER | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-5/8 | 00-5/8 | - 00-7/8 | 00-7/8 | - 01-1/8 | 01-1/8 | - 01-1/4 | 01-1/4 |
| 3 CENTER | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-5/8 | 00-5/8 | - 00-3/4 | 00-3/4 | - 01-0/8 | 01-0/8 | - 01-1/8 | 01-1/8 |

(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 2 CENTER IS 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

March 31, 2020

PRECISION MEASUREMENT
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BARGE "IB 1318"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|--------|-------|--------|-------|
| 0 | 0 | 170,615 | 0 | 161,004 | 0 | 150,806 | 0 | 140,609 | 0 | 130,412 | 0 | 119,540 | 0 | 107,623 | 0 | 95,702 | 0 | 83,780 | |
| 1/4 | 1/4 | 170,547 | 1/4 | 160,791 | 1/4 | 150,594 | 1/4 | 140,388 | 1/4 | 130,199 | 1/4 | 119,292 | 1/4 | 107,375 | 1/4 | 95,453 | 1/4 | 83,531 | |
| 1/2 | 1/2 | 170,480 | 1/2 | 160,579 | 1/2 | 150,381 | 1/2 | 140,184 | 1/2 | 129,987 | 1/2 | 119,044 | 1/2 | 107,127 | 1/2 | 95,205 | 1/2 | 83,283 | |
| 3/4 | 3/4 | 170,335 | 3/4 | 160,388 | 3/4 | 150,169 | 3/4 | 139,972 | 3/4 | 129,774 | 3/4 | 118,798 | 3/4 | 106,876 | 3/4 | 94,958 | 3/4 | 83,035 | |
| 1 | 1 | 170,190 | 1 | 160,154 | 1 | 149,956 | 1 | 139,759 | 1 | 129,562 | 1 | 118,548 | 1 | 106,630 | 1 | 94,708 | 1 | 82,786 | |
| 1 1/4 | 1 1/4 | 170,044 | 1 1/4 | 159,941 | 1 1/4 | 149,744 | 1 1/4 | 139,547 | 1 1/4 | 129,349 | 1 1/4 | 118,300 | 1 1/4 | 106,382 | 1 1/4 | 94,460 | 1 1/4 | 82,538 | |
| 1 1/2 | 1 1/2 | 169,899 | 1 1/2 | 159,729 | 1 1/2 | 149,532 | 1 1/2 | 139,334 | 1 1/2 | 129,137 | 1 1/2 | 118,052 | 1 1/2 | 106,133 | 1 1/2 | 94,211 | 1 1/2 | 82,290 | |
| 3 1/4 | 3 1/4 | 169,684 | 3 1/4 | 159,517 | 3 1/4 | 149,319 | 3 1/4 | 139,122 | 3 1/4 | 128,924 | 3 1/4 | 117,804 | 3 1/4 | 105,885 | 3 1/4 | 93,963 | 3 1/4 | 82,042 | |
| 2 | 2 | 169,488 | 2 | 159,304 | 2 | 149,107 | 2 | 138,909 | 2 | 128,712 | 2 | 117,556 | 2 | 105,636 | 2 | 93,715 | 2 | 81,794 | |
| 2 1/4 | 2 1/4 | 169,283 | 2 1/4 | 159,092 | 2 1/4 | 148,894 | 2 1/4 | 138,697 | 2 1/4 | 128,500 | 2 1/4 | 117,398 | 2 1/4 | 105,388 | 2 1/4 | 93,468 | 2 1/4 | 81,547 | |
| 2 1/2 | 2 1/2 | 169,077 | 2 1/2 | 158,879 | 2 1/2 | 148,682 | 2 1/2 | 138,484 | 2 1/2 | 128,287 | 2 1/2 | 117,080 | 2 1/2 | 105,140 | 2 1/2 | 93,218 | 2 1/2 | 81,299 | |
| 3 1/4 | 3 1/4 | 168,864 | 3 1/4 | 158,667 | 3 1/4 | 148,469 | 3 1/4 | 138,272 | 3 1/4 | 128,075 | 3 1/4 | 116,812 | 3 1/4 | 104,891 | 3 1/4 | 92,969 | 3 1/4 | 81,052 | |
| 3 | 3 | 168,651 | 3 | 158,454 | 3 | 148,257 | 3 | 138,060 | 3 | 127,862 | 3 | 116,564 | 3 | 104,643 | 3 | 92,721 | 3 | 80,805 | |
| 3 1/4 | 3 1/4 | 168,438 | 3 1/4 | 158,242 | 3 1/4 | 148,044 | 3 1/4 | 137,847 | 3 1/4 | 127,650 | 3 1/4 | 116,316 | 3 1/4 | 104,395 | 3 1/4 | 92,473 | 3 1/4 | 80,557 | |
| 1 1/2 | 1 1/2 | 168,224 | 1 1/2 | 158,029 | 1 1/2 | 147,832 | 1 1/2 | 137,635 | 1 1/2 | 127,437 | 1 1/2 | 116,088 | 1 1/2 | 104,146 | 1 1/2 | 92,224 | 1 1/2 | 80,310 | |
| 3 1/4 | 3 1/4 | 168,013 | 3 1/4 | 157,817 | 3 1/4 | 147,620 | 3 1/4 | 137,422 | 3 1/4 | 127,225 | 3 1/4 | 115,819 | 3 1/4 | 103,898 | 3 1/4 | 91,976 | 3 1/4 | 80,063 | |
| 4 | 4 | 167,801 | 4 | 157,605 | 4 | 147,407 | 4 | 137,210 | 4 | 127,012 | 4 | 115,571 | 4 | 103,649 | 4 | 91,728 | 4 | 79,815 | |
| 4 1/4 | 4 1/4 | 167,589 | 4 1/4 | 157,392 | 4 1/4 | 147,195 | 4 1/4 | 136,997 | 4 1/4 | 126,800 | 4 1/4 | 115,323 | 4 1/4 | 103,401 | 4 1/4 | 91,479 | 4 1/4 | 79,568 | |
| 1 1/2 | 1 1/2 | 167,377 | 1 1/2 | 157,180 | 1 1/2 | 146,982 | 1 1/2 | 136,785 | 1 1/2 | 126,588 | 1 1/2 | 115,075 | 1 1/2 | 103,153 | 1 1/2 | 91,231 | 1 1/2 | 79,321 | |
| 3 1/4 | 3 1/4 | 167,164 | 3 1/4 | 156,967 | 3 1/4 | 146,770 | 3 1/4 | 136,572 | 3 1/4 | 126,375 | 3 1/4 | 114,826 | 3 1/4 | 102,904 | 3 1/4 | 90,983 | 3 1/4 | 79,073 | |
| 6 | 6 | 166,952 | 6 | 156,755 | 6 | 146,557 | 6 | 136,360 | 6 | 126,163 | 6 | 114,578 | 6 | 102,656 | 6 | 90,734 | 6 | 78,826 | |
| 1 1/4 | 1 1/4 | 166,740 | 1 1/4 | 156,542 | 1 1/4 | 146,345 | 1 1/4 | 136,148 | 1 1/4 | 125,960 | 1 1/4 | 114,329 | 1 1/4 | 102,408 | 1 1/4 | 90,486 | 1 1/4 | 78,579 | |
| 1 1/2 | 1 1/2 | 166,527 | 1 1/2 | 156,330 | 1 1/2 | 146,132 | 1 1/2 | 135,935 | 1 1/2 | 125,738 | 1 1/2 | 114,081 | 1 1/2 | 102,159 | 1 1/2 | 90,237 | 1 1/2 | 78,331 | |
| 3 1/4 | 3 1/4 | 166,315 | 3 1/4 | 156,117 | 3 1/4 | 145,920 | 3 1/4 | 135,723 | 3 1/4 | 125,525 | 3 1/4 | 113,833 | 3 1/4 | 101,911 | 3 1/4 | 89,989 | 3 1/4 | 78,084 | |
| 6 | 6 | 166,102 | 6 | 155,905 | 6 | 145,708 | 6 | 135,510 | 6 | 125,313 | 6 | 113,584 | 6 | 101,663 | 6 | 89,741 | 6 | 77,837 | |
| 1 1/4 | 1 1/4 | 165,890 | 1 1/4 | 155,693 | 1 1/4 | 145,495 | 1 1/4 | 135,298 | 1 1/4 | 125,100 | 1 1/4 | 113,336 | 1 1/4 | 101,414 | 1 1/4 | 89,492 | 1 1/4 | 77,589 | |
| 1 1/2 | 1 1/2 | 165,677 | 1 1/2 | 155,480 | 1 1/2 | 145,283 | 1 1/2 | 135,085 | 1 1/2 | 124,889 | 1 1/2 | 113,088 | 1 1/2 | 101,166 | 1 1/2 | 89,244 | 1 1/2 | 77,342 | |
| 3 1/4 | 3 1/4 | 165,465 | 3 1/4 | 155,268 | 3 1/4 | 145,070 | 3 1/4 | 134,873 | 3 1/4 | 124,683 | 3 1/4 | 112,839 | 3 1/4 | 100,917 | 3 1/4 | 88,996 | 3 1/4 | 77,095 | |
| 7 | 7 | 165,253 | 7 | 155,055 | 7 | 144,858 | 7 | 134,660 | 7 | 124,437 | 7 | 112,591 | 7 | 100,669 | 7 | 88,747 | 7 | 76,847 | |
| 1 1/4 | 1 1/4 | 165,040 | 1 1/4 | 154,843 | 1 1/4 | 144,645 | 1 1/4 | 134,448 | 1 1/4 | 124,212 | 1 1/4 | 112,342 | 1 1/4 | 100,421 | 1 1/4 | 88,499 | 1 1/4 | 76,600 | |
| 1 1/2 | 1 1/2 | 164,828 | 1 1/2 | 154,630 | 1 1/2 | 144,433 | 1 1/2 | 134,236 | 1 1/2 | 123,986 | 1 1/2 | 112,094 | 1 1/2 | 100,172 | 1 1/2 | 88,250 | 1 1/2 | 76,353 | |
| 3 1/4 | 3 1/4 | 164,616 | 3 1/4 | 154,418 | 3 1/4 | 144,220 | 3 1/4 | 134,023 | 3 1/4 | 123,743 | 3 1/4 | 111,846 | 3 1/4 | 99,924 | 3 1/4 | 88,002 | 3 1/4 | 76,106 | |
| 8 | 8 | 164,403 | 8 | 154,205 | 8 | 144,008 | 8 | 133,811 | 8 | 123,499 | 8 | 111,597 | 8 | 99,676 | 8 | 87,754 | 8 | 75,858 | |
| 1 1/4 | 1 1/4 | 164,190 | 1 1/4 | 153,993 | 1 1/4 | 143,796 | 1 1/4 | 133,598 | 1 1/4 | 123,256 | 1 1/4 | 111,349 | 1 1/4 | 99,427 | 1 1/4 | 87,505 | 1 1/4 | 75,611 | |
| 1 1/2 | 1 1/2 | 163,978 | 1 1/2 | 153,780 | 1 1/2 | 143,583 | 1 1/2 | 133,386 | 1 1/2 | 123,012 | 1 1/2 | 111,101 | 1 1/2 | 99,179 | 1 1/2 | 87,257 | 1 1/2 | 75,364 | |
| 3 1/4 | 3 1/4 | 163,765 | 3 1/4 | 153,568 | 3 1/4 | 143,371 | 3 1/4 | 133,173 | 3 1/4 | 122,764 | 3 1/4 | 110,852 | 3 1/4 | 98,930 | 3 1/4 | 87,009 | 3 1/4 | 75,116 | |
| 9 | 9 | 163,553 | 9 | 153,356 | 9 | 143,158 | 9 | 132,961 | 9 | 122,516 | 9 | 110,604 | 9 | 98,682 | 9 | 86,760 | 9 | 74,869 | |
| 1 1/4 | 1 1/4 | 163,341 | 1 1/4 | 153,143 | 1 1/4 | 142,946 | 1 1/4 | 132,748 | 1 1/4 | 122,288 | 1 1/4 | 110,356 | 1 1/4 | 98,434 | 1 1/4 | 86,512 | 1 1/4 | 74,622 | |
| 1 1/2 | 1 1/2 | 163,128 | 1 1/2 | 152,931 | 1 1/2 | 142,733 | 1 1/2 | 132,536 | 1 1/2 | 122,020 | 1 1/2 | 110,107 | 1 1/2 | 98,185 | 1 1/2 | 86,263 | 1 1/2 | 74,374 | |
| 3 1/4 | 3 1/4 | 162,916 | 3 1/4 | 152,718 | 3 1/4 | 142,521 | 3 1/4 | 132,324 | 3 1/4 | 121,772 | 3 1/4 | 109,859 | 3 1/4 | 97,937 | 3 1/4 | 86,015 | 3 1/4 | 74,127 | |
| 10 | 10 | 162,703 | 10 | 152,508 | 10 | 142,308 | 10 | 132,111 | 10 | 121,524 | 10 | 109,610 | 10 | 97,689 | 10 | 85,767 | 10 | 73,880 | |
| 1 1/4 | 1 1/4 | 162,491 | 1 1/4 | 152,293 | 1 1/4 | 142,096 | 1 1/4 | 131,899 | 1 1/4 | 121,278 | 1 1/4 | 109,362 | 1 1/4 | 97,440 | 1 1/4 | 85,518 | 1 1/4 | 73,632 | |
| 1 1/2 | 1 1/2 | 162,278 | 1 1/2 | 152,081 | 1 1/2 | 141,884 | 1 1/2 | 131,688 | 1 1/2 | 121,028 | 1 1/2 | 109,114 | 1 1/2 | 97,192 | 1 1/2 | 85,270 | 1 1/2 | 73,385 | |
| 3 1/4 | 3 1/4 | 162,066 | 3 1/4 | 151,868 | 3 1/4 | 141,671 | 3 1/4 | 131,474 | 3 1/4 | 120,780 | 3 1/4 | 108,865 | 3 1/4 | 96,943 | 3 1/4 | 85,022 | 3 1/4 | 73,138 | |
| 11 | 11 | 161,853 | 11 | 151,658 | 11 | 141,459 | 11 | 131,261 | 11 | 120,532 | 11 | 108,617 | 11 | 96,695 | 11 | 84,773 | 11 | 72,890 | |
| 1 1/4 | 1 1/4 | 161,641 | 1 1/4 | 151,444 | 1 1/4 | 141,246 | 1 1/4 | 131,049 | 1 1/4 | 120,284 | 1 1/4 | 108,369 | 1 1/4 | 96,447 | 1 1/4 | 84,525 | 1 1/4 | 72,643 | |
| 1 1/2 | 1 1/2 | 161,429 | 1 1/2 | 151,231 | 1 1/2 | 141,034 | 1 1/2 | 130,838 | 1 1/2 | 120,036 | 1 1/2 | 108,120 | 1 1/2 | 96,198 | 1 1/2 | 84,276 | 1 1/2 | 72,396 | |
| 3 1/4 | 3 1/4 | 161,216 | 3 1/4 | 151,019 | 3 1/4 | 140,821 | 3 1/4 | 130,624 | 3 1/4 | 119,788 | 3 1/4 | 107,872 | 3 1/4 | 95,950 | 3 1/4 | 84,028 | 3 1/4 | 72,148 | |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "IB 1318"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|--------|----|--------|
| 0 | 71,900 | 0 | 59,983 | 0 | 48,066 | 0 | 36,225 | 0 | 24,551 | 0 | 12,615 | 0 | 871 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 71,852 | 1/4 | 59,735 | 1/4 | 47,818 | 1/4 | 35,985 | 1/4 | 24,303 | 1/4 | 12,366 | 1/4 | 700 | 1/4 | | | | | |
| 1/2 | 71,404 | 1/2 | 59,487 | 1/2 | 47,569 | 1/2 | 35,746 | 1/2 | 24,054 | 1/2 | 12,117 | 1/2 | 529 | 1/2 | | | | | |
| 3/4 | 71,155 | 3/4 | 59,238 | 3/4 | 47,321 | 3/4 | 35,508 | 3/4 | 23,806 | 3/4 | 11,868 | 3/4 | 454 | 3/4 | | | | | |
| 1 | 70,907 | 1 | 58,990 | 1 | 47,073 | 1 | 35,268 | 1 | 23,557 | 1 | 11,619 | 1 | 380 | 1 | | | | | |
| 1 1/4 | 70,659 | 1 1/4 | 58,742 | 1 1/4 | 46,825 | 1 1/4 | 35,028 | 1 1/4 | 23,309 | 1 1/4 | 11,370 | 1 1/4 | 305 | 1 1/4 | | | | | |
| 1 1/2 | 70,411 | 1 1/2 | 58,493 | 1 1/2 | 46,576 | 1 1/2 | 34,786 | 1 1/2 | 23,060 | 1 1/2 | 11,121 | 1 1/2 | 231 | 1 1/2 | | | | | |
| 1 3/4 | 70,162 | 1 3/4 | 58,245 | 1 3/4 | 46,328 | 1 3/4 | 34,547 | 1 3/4 | 22,812 | 1 3/4 | 10,872 | 1 3/4 | | 1 3/4 | | | | | |
| 2 | 69,914 | 2 | 57,997 | 2 | 46,080 | 2 | 34,307 | 2 | 22,564 | 2 | 10,623 | 2 | | 2 | | | | | |
| 2 1/4 | 69,666 | 2 1/4 | 57,749 | 2 1/4 | 45,832 | 2 1/4 | 34,067 | 2 1/4 | 22,315 | 2 1/4 | 10,375 | 2 1/4 | | 2 1/4 | | | | | |
| 2 1/2 | 69,417 | 2 1/2 | 57,500 | 2 1/2 | 45,583 | 2 1/2 | 33,827 | 2 1/2 | 22,067 | 2 1/2 | 10,126 | 2 1/2 | | 2 1/2 | | | | | |
| 2 3/4 | 69,169 | 2 3/4 | 57,252 | 2 3/4 | 45,335 | 2 3/4 | 33,587 | 2 3/4 | 21,818 | 2 3/4 | 9,877 | 2 3/4 | | 2 3/4 | | | | | |
| 3 | 68,921 | 3 | 57,004 | 3 | 45,087 | 3 | 33,348 | 3 | 21,570 | 3 | 9,628 | 3 | | 3 | | | | | |
| 3 1/4 | 68,673 | 3 1/4 | 56,756 | 3 1/4 | 44,838 | 3 1/4 | 33,108 | 3 1/4 | 21,321 | 3 1/4 | 9,379 | 3 1/4 | | 3 1/4 | | | | | |
| 3 1/2 | 68,424 | 3 1/2 | 56,507 | 3 1/2 | 44,590 | 3 1/2 | 32,868 | 3 1/2 | 21,073 | 3 1/2 | 9,130 | 3 1/2 | | 3 1/2 | | | | | |
| 3 3/4 | 68,176 | 3 3/4 | 56,259 | 3 3/4 | 44,342 | 3 3/4 | 32,628 | 3 3/4 | 20,825 | 3 3/4 | 8,881 | 3 3/4 | | 3 3/4 | | | | | |
| 4 | 67,928 | 4 | 56,011 | 4 | 44,094 | 4 | 32,388 | 4 | 20,576 | 4 | 8,632 | 4 | | 4 | | | | | |
| 4 1/4 | 67,680 | 4 1/4 | 55,762 | 4 1/4 | 43,845 | 4 1/4 | 32,149 | 4 1/4 | 20,328 | 4 1/4 | 8,383 | 4 1/4 | | 4 1/4 | | | | | |
| 4 1/2 | 67,431 | 4 1/2 | 55,514 | 4 1/2 | 43,597 | 4 1/2 | 31,909 | 4 1/2 | 20,079 | 4 1/2 | 8,134 | 4 1/2 | | 4 1/2 | | | | | |
| 4 3/4 | 67,183 | 4 3/4 | 55,266 | 4 3/4 | 43,349 | 4 3/4 | 31,669 | 4 3/4 | 19,831 | 4 3/4 | 7,885 | 4 3/4 | | 4 3/4 | | | | | |
| 5 | 66,935 | 5 | 55,018 | 5 | 43,101 | 5 | 31,429 | 5 | 19,582 | 5 | 7,636 | 5 | | 5 | | | | | |
| 5 1/4 | 66,686 | 5 1/4 | 54,769 | 5 1/4 | 42,852 | 5 1/4 | 31,189 | 5 1/4 | 19,334 | 5 1/4 | 7,387 | 5 1/4 | | 5 1/4 | | | | | |
| 5 1/2 | 66,438 | 5 1/2 | 54,521 | 5 1/2 | 42,604 | 5 1/2 | 30,950 | 5 1/2 | 19,086 | 5 1/2 | 7,139 | 5 1/2 | | 5 1/2 | | | | | |
| 5 3/4 | 66,190 | 5 3/4 | 54,273 | 5 3/4 | 42,356 | 5 3/4 | 30,708 | 5 3/4 | 18,837 | 5 3/4 | 6,890 | 5 3/4 | | 5 3/4 | | | | | |
| 6 | 65,942 | 6 | 54,025 | 6 | 42,107 | 6 | 30,467 | 6 | 18,588 | 6 | 6,641 | 6 | | 6 | | | | | |
| 6 1/4 | 65,693 | 6 1/4 | 53,776 | 6 1/4 | 41,859 | 6 1/4 | 30,225 | 6 1/4 | 18,339 | 6 1/4 | 6,392 | 6 1/4 | | 6 1/4 | | | | | |
| 6 1/2 | 65,445 | 6 1/2 | 53,528 | 6 1/2 | 41,611 | 6 1/2 | 29,984 | 6 1/2 | 18,090 | 6 1/2 | 6,143 | 6 1/2 | | 6 1/2 | | | | | |
| 6 3/4 | 65,197 | 6 3/4 | 53,280 | 6 3/4 | 41,363 | 6 3/4 | 29,742 | 6 3/4 | 17,842 | 6 3/4 | 5,894 | 6 3/4 | | 6 3/4 | | | | | |
| 7 | 64,949 | 7 | 53,031 | 7 | 41,114 | 7 | 29,500 | 7 | 17,593 | 7 | 5,645 | 7 | | 7 | | | | | |
| 7 1/4 | 64,700 | 7 1/4 | 52,783 | 7 1/4 | 40,866 | 7 1/4 | 29,258 | 7 1/4 | 17,344 | 7 1/4 | 5,396 | 7 1/4 | | 7 1/4 | | | | | |
| 7 1/2 | 64,452 | 7 1/2 | 52,535 | 7 1/2 | 40,618 | 7 1/2 | 29,016 | 7 1/2 | 17,095 | 7 1/2 | 5,147 | 7 1/2 | | 7 1/2 | | | | | |
| 7 3/4 | 64,204 | 7 3/4 | 52,287 | 7 3/4 | 40,370 | 7 3/4 | 28,769 | 7 3/4 | 16,846 | 7 3/4 | 4,898 | 7 3/4 | | 7 3/4 | | | | | |
| 8 | 63,955 | 8 | 52,038 | 8 | 40,121 | 8 | 28,523 | 8 | 16,597 | 8 | 4,649 | 8 | | 8 | | | | | |
| 8 1/4 | 63,707 | 8 1/4 | 51,790 | 8 1/4 | 39,873 | 8 1/4 | 28,276 | 8 1/4 | 16,348 | 8 1/4 | 4,400 | 8 1/4 | | 8 1/4 | | | | | |
| 8 1/2 | 63,459 | 8 1/2 | 51,542 | 8 1/2 | 39,625 | 8 1/2 | 28,029 | 8 1/2 | 16,099 | 8 1/2 | 4,151 | 8 1/2 | | 8 1/2 | | | | | |
| 8 3/4 | 63,211 | 8 3/4 | 51,294 | 8 3/4 | 39,378 | 8 3/4 | 27,781 | 8 3/4 | 15,850 | 8 3/4 | 3,903 | 8 3/4 | | 8 3/4 | | | | | |
| 9 | 62,962 | 9 | 51,045 | 9 | 39,128 | 9 | 27,532 | 9 | 15,601 | 9 | 3,654 | 9 | | 9 | | | | | |
| 9 1/4 | 62,714 | 9 1/4 | 50,797 | 9 1/4 | 38,880 | 9 1/4 | 27,284 | 9 1/4 | 15,352 | 9 1/4 | 3,405 | 9 1/4 | | 9 1/4 | | | | | |
| 9 1/2 | 62,466 | 9 1/2 | 50,549 | 9 1/2 | 38,632 | 9 1/2 | 27,035 | 9 1/2 | 15,104 | 9 1/2 | 3,157 | 9 1/2 | | 9 1/2 | | | | | |
| 9 3/4 | 62,218 | 9 3/4 | 50,300 | 9 3/4 | 38,380 | 9 3/4 | 26,787 | 9 3/4 | 14,855 | 9 3/4 | 2,909 | 9 3/4 | | 9 3/4 | | | | | |
| 10 | 61,969 | 10 | 50,052 | 10 | 38,148 | 10 | 26,538 | 10 | 14,606 | 10 | 2,661 | 10 | | 10 | | | | | |
| 10 1/4 | 61,721 | 10 1/4 | 49,804 | 10 1/4 | 37,906 | 10 1/4 | 26,290 | 10 1/4 | 14,357 | 10 1/4 | 2,413 | 10 1/4 | | 10 1/4 | | | | | |
| 10 1/2 | 61,473 | 10 1/2 | 49,556 | 10 1/2 | 37,664 | 10 1/2 | 26,042 | 10 1/2 | 14,108 | 10 1/2 | 2,165 | 10 1/2 | | 10 1/2 | | | | | |
| 10 3/4 | 61,224 | 10 3/4 | 49,307 | 10 3/4 | 37,424 | 10 3/4 | 25,793 | 10 3/4 | 13,859 | 10 3/4 | 1,927 | 10 3/4 | | 10 3/4 | | | | | |
| 11 | 60,976 | 11 | 49,059 | 11 | 37,184 | 11 | 25,545 | 11 | 13,610 | 11 | 1,689 | 11 | | 11 | | | | | |
| 11 1/4 | 60,728 | 11 1/4 | 48,811 | 11 1/4 | 36,945 | 11 1/4 | 25,296 | 11 1/4 | 13,362 | 11 1/4 | 1,450 | 11 1/4 | | 11 1/4 | | | | | |
| 11 1/2 | 60,480 | 11 1/2 | 48,563 | 11 1/2 | 36,705 | 11 1/2 | 25,048 | 11 1/2 | 13,113 | 11 1/2 | 1,212 | 11 1/2 | | 11 1/2 | | | | | |
| 11 3/4 | 60,231 | 11 3/4 | 48,314 | 11 3/4 | 36,465 | 11 3/4 | 24,799 | 11 3/4 | 12,864 | 11 3/4 | 1,041 | 11 3/4 | | 11 3/4 | | | | | |

STRAPPED: 03/30/2020 CL
CALCULATED: 03/31/2020 CL
PRINTED: 03/31/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2892
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "IB 1318"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|--------|--------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|
| IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 |
| | 0 | | 153,625 | | 144,450 | | 134,177 | | 123,903 | | 113,630 | | 103,356 | | 93,083 | | 82,810 | | 72,536 |
| 1/4 | 1/4 | 1/4 | 153,567 | 1/4 | 144,236 | 1/4 | 133,963 | 1/4 | 123,689 | 1/4 | 113,416 | 1/4 | 103,142 | 1/4 | 92,869 | 1/4 | 82,596 | 1/4 | 72,322 |
| 1/2 | 1/2 | 1/2 | 153,509 | 1/2 | 144,022 | 1/2 | 133,749 | 1/2 | 123,475 | 1/2 | 113,202 | 1/2 | 102,928 | 1/2 | 92,655 | 1/2 | 82,382 | 1/2 | 72,108 |
| 3/4 | 3/4 | 3/4 | 153,451 | 3/4 | 143,808 | 3/4 | 133,534 | 3/4 | 123,261 | 3/4 | 112,988 | 3/4 | 102,714 | 3/4 | 92,441 | 3/4 | 82,168 | 3/4 | 71,834 |
| 1 | 1 | 1 | 153,393 | 1 | 143,594 | 1 | 133,320 | 1 | 123,047 | 1 | 112,774 | 1 | 102,500 | 1 | 92,227 | 1 | 81,954 | 1 | 71,680 |
| 1 1/4 | 1 1/4 | 1 1/4 | 153,288 | 1 1/4 | 143,380 | 1 1/4 | 133,106 | 1 1/4 | 122,833 | 1 1/4 | 112,560 | 1 1/4 | 102,286 | 1 1/4 | 92,013 | 1 1/4 | 81,740 | 1 1/4 | 71,466 |
| 1 1/2 | 1 1/2 | 1 1/2 | 153,144 | 1 1/2 | 143,166 | 1 1/2 | 132,892 | 1 1/2 | 122,619 | 1 1/2 | 112,346 | 1 1/2 | 102,072 | 1 1/2 | 91,799 | 1 1/2 | 81,525 | 1 1/2 | 71,252 |
| 1 3/4 | 1 3/4 | 1 3/4 | 153,019 | 1 3/4 | 142,952 | 1 3/4 | 132,678 | 1 3/4 | 122,405 | 1 3/4 | 112,132 | 1 3/4 | 101,858 | 1 3/4 | 91,585 | 1 3/4 | 81,311 | 1 3/4 | 71,038 |
| 2 | 2 | 2 | 152,894 | 2 | 142,738 | 2 | 132,484 | 2 | 122,181 | 2 | 111,918 | 2 | 101,644 | 2 | 91,371 | 2 | 81,097 | 2 | 70,824 |
| 2 1/4 | 2 1/4 | 2 1/4 | 152,705 | 2 1/4 | 142,524 | 2 1/4 | 132,250 | 2 1/4 | 121,977 | 2 1/4 | 111,704 | 2 1/4 | 101,430 | 2 1/4 | 91,157 | 2 1/4 | 80,883 | 2 1/4 | 70,610 |
| 2 1/2 | 2 1/2 | 2 1/2 | 152,517 | 2 1/2 | 142,310 | 2 1/2 | 132,038 | 2 1/2 | 121,763 | 2 1/2 | 111,490 | 2 1/2 | 101,216 | 2 1/2 | 90,943 | 2 1/2 | 80,659 | 2 1/2 | 70,396 |
| 2 3/4 | 2 3/4 | 2 3/4 | 152,328 | 2 3/4 | 142,098 | 2 3/4 | 131,822 | 2 3/4 | 121,549 | 2 3/4 | 111,275 | 2 3/4 | 101,002 | 2 3/4 | 90,729 | 2 3/4 | 80,455 | 2 3/4 | 70,182 |
| 3 | 3 | 3 | 152,140 | 3 | 141,882 | 3 | 131,608 | 3 | 121,335 | 3 | 111,061 | 3 | 100,788 | 3 | 90,515 | 3 | 80,241 | 3 | 69,968 |
| 3 1/4 | 3 1/4 | 3 1/4 | 151,929 | 3 1/4 | 141,668 | 3 1/4 | 131,394 | 3 1/4 | 121,121 | 3 1/4 | 110,847 | 3 1/4 | 100,574 | 3 1/4 | 90,301 | 3 1/4 | 80,027 | 3 1/4 | 69,754 |
| 3 1/2 | 3 1/2 | 3 1/2 | 151,718 | 3 1/2 | 141,454 | 3 1/2 | 131,180 | 3 1/2 | 120,907 | 3 1/2 | 110,633 | 3 1/2 | 100,360 | 3 1/2 | 90,087 | 3 1/2 | 79,813 | 3 1/2 | 69,540 |
| 3 3/4 | 3 3/4 | 3 3/4 | 151,508 | 3 3/4 | 141,240 | 3 3/4 | 130,968 | 3 3/4 | 120,693 | 3 3/4 | 110,419 | 3 3/4 | 100,146 | 3 3/4 | 89,873 | 3 3/4 | 79,599 | 3 3/4 | 69,326 |
| 4 | 4 | 4 | 151,297 | 4 | 141,025 | 4 | 130,752 | 4 | 120,479 | 4 | 110,205 | 4 | 99,932 | 4 | 89,659 | 4 | 79,385 | 4 | 69,112 |
| 4 1/4 | 4 1/4 | 4 1/4 | 151,083 | 4 1/4 | 140,811 | 4 1/4 | 130,538 | 4 1/4 | 120,265 | 4 1/4 | 109,991 | 4 1/4 | 99,718 | 4 1/4 | 89,445 | 4 1/4 | 79,171 | 4 1/4 | 68,898 |
| 4 1/2 | 4 1/2 | 4 1/2 | 150,870 | 4 1/2 | 140,597 | 4 1/2 | 130,324 | 4 1/2 | 120,051 | 4 1/2 | 109,777 | 4 1/2 | 99,504 | 4 1/2 | 89,231 | 4 1/2 | 78,957 | 4 1/2 | 68,884 |
| 4 3/4 | 4 3/4 | 4 3/4 | 150,658 | 4 3/4 | 140,383 | 4 3/4 | 130,110 | 4 3/4 | 119,837 | 4 3/4 | 109,563 | 4 3/4 | 99,290 | 4 3/4 | 89,017 | 4 3/4 | 78,743 | 4 3/4 | 68,670 |
| 5 | 5 | 5 | 150,442 | 5 | 140,169 | 5 | 129,896 | 5 | 119,623 | 5 | 109,349 | 5 | 99,076 | 5 | 88,802 | 5 | 78,529 | 5 | 68,256 |
| 5 1/4 | 5 1/4 | 5 1/4 | 150,228 | 5 1/4 | 139,955 | 5 1/4 | 129,682 | 5 1/4 | 119,409 | 5 1/4 | 109,135 | 5 1/4 | 98,862 | 5 1/4 | 88,588 | 5 1/4 | 78,315 | 5 1/4 | 68,042 |
| 5 1/2 | 5 1/2 | 5 1/2 | 150,015 | 5 1/2 | 139,741 | 5 1/2 | 129,468 | 5 1/2 | 119,195 | 5 1/2 | 108,921 | 5 1/2 | 98,648 | 5 1/2 | 88,374 | 5 1/2 | 78,101 | 5 1/2 | 67,828 |
| 5 3/4 | 5 3/4 | 5 3/4 | 149,801 | 5 3/4 | 139,527 | 5 3/4 | 129,254 | 5 3/4 | 118,981 | 5 3/4 | 108,707 | 5 3/4 | 98,434 | 5 3/4 | 88,160 | 5 3/4 | 77,887 | 5 3/4 | 67,614 |
| 6 | 6 | 6 | 149,587 | 6 | 139,313 | 6 | 129,040 | 6 | 118,766 | 6 | 108,493 | 6 | 98,220 | 6 | 87,946 | 6 | 77,673 | 6 | 67,400 |
| 6 1/4 | 6 1/4 | 6 1/4 | 149,373 | 6 1/4 | 139,099 | 6 1/4 | 128,826 | 6 1/4 | 118,552 | 6 1/4 | 108,279 | 6 1/4 | 97,998 | 6 1/4 | 87,732 | 6 1/4 | 77,459 | 6 1/4 | 67,186 |
| 6 1/2 | 6 1/2 | 6 1/2 | 149,159 | 6 1/2 | 138,885 | 6 1/2 | 128,612 | 6 1/2 | 118,338 | 6 1/2 | 108,065 | 6 1/2 | 97,792 | 6 1/2 | 87,518 | 6 1/2 | 77,245 | 6 1/2 | 66,972 |
| 6 3/4 | 6 3/4 | 6 3/4 | 148,945 | 6 3/4 | 138,671 | 6 3/4 | 128,398 | 6 3/4 | 118,124 | 6 3/4 | 107,851 | 6 3/4 | 97,578 | 6 3/4 | 87,304 | 6 3/4 | 77,031 | 6 3/4 | 66,758 |
| 7 | 7 | 7 | 148,731 | 7 | 138,457 | 7 | 128,184 | 7 | 117,910 | 7 | 107,637 | 7 | 97,364 | 7 | 87,090 | 7 | 76,817 | 7 | 66,543 |
| 7 1/4 | 7 1/4 | 7 1/4 | 148,516 | 7 1/4 | 138,243 | 7 1/4 | 127,970 | 7 1/4 | 117,696 | 7 1/4 | 107,423 | 7 1/4 | 97,150 | 7 1/4 | 86,876 | 7 1/4 | 76,603 | 7 1/4 | 66,329 |
| 7 1/2 | 7 1/2 | 7 1/2 | 148,302 | 7 1/2 | 138,029 | 7 1/2 | 127,756 | 7 1/2 | 117,482 | 7 1/2 | 107,209 | 7 1/2 | 96,936 | 7 1/2 | 86,662 | 7 1/2 | 76,389 | 7 1/2 | 66,115 |
| 7 3/4 | 7 3/4 | 7 3/4 | 148,088 | 7 3/4 | 137,815 | 7 3/4 | 127,542 | 7 3/4 | 117,268 | 7 3/4 | 106,995 | 7 3/4 | 96,722 | 7 3/4 | 86,448 | 7 3/4 | 76,175 | 7 3/4 | 65,901 |
| 8 | 8 | 8 | 147,874 | 8 | 137,601 | 8 | 127,328 | 8 | 117,054 | 8 | 106,781 | 8 | 96,508 | 8 | 86,234 | 8 | 75,961 | 8 | 65,687 |
| 8 1/4 | 8 1/4 | 8 1/4 | 147,660 | 8 1/4 | 137,387 | 8 1/4 | 127,114 | 8 1/4 | 116,840 | 8 1/4 | 106,567 | 8 1/4 | 96,293 | 8 1/4 | 86,020 | 8 1/4 | 75,747 | 8 1/4 | 65,473 |
| 8 1/2 | 8 1/2 | 8 1/2 | 147,446 | 8 1/2 | 137,173 | 8 1/2 | 126,900 | 8 1/2 | 116,626 | 8 1/2 | 106,353 | 8 1/2 | 96,079 | 8 1/2 | 85,806 | 8 1/2 | 75,533 | 8 1/2 | 65,259 |
| 8 3/4 | 8 3/4 | 8 3/4 | 147,232 | 8 3/4 | 136,959 | 8 3/4 | 126,686 | 8 3/4 | 116,412 | 8 3/4 | 106,139 | 8 3/4 | 95,865 | 8 3/4 | 85,592 | 8 3/4 | 75,319 | 8 3/4 | 65,045 |
| 9 | 9 | 9 | 147,018 | 9 | 136,745 | 9 | 126,472 | 9 | 116,198 | 9 | 105,925 | 9 | 95,651 | 9 | 85,378 | 9 | 75,105 | 9 | 64,831 |
| 9 1/4 | 9 1/4 | 9 1/4 | 146,804 | 9 1/4 | 136,531 | 9 1/4 | 126,257 | 9 1/4 | 115,984 | 9 1/4 | 105,711 | 9 1/4 | 95,437 | 9 1/4 | 85,164 | 9 1/4 | 74,891 | 9 1/4 | 64,617 |
| 9 1/2 | 9 1/2 | 9 1/2 | 146,590 | 9 1/2 | 136,317 | 9 1/2 | 126,043 | 9 1/2 | 115,770 | 9 1/2 | 105,497 | 9 1/2 | 95,223 | 9 1/2 | 84,950 | 9 1/2 | 74,677 | 9 1/2 | 64,403 |
| 9 3/4 | 9 3/4 | 9 3/4 | 146,376 | 9 3/4 | 136,103 | 9 3/4 | 125,829 | 9 3/4 | 115,556 | 9 3/4 | 105,283 | 9 3/4 | 95,009 | 9 3/4 | 84,736 | 9 3/4 | 74,463 | 9 3/4 | 64,189 |
| 10 | 10 | 10 | 146,162 | 10 | 135,889 | 10 | 125,615 | 10 | 115,342 | 10 | 105,069 | 10 | 94,795 | 10 | 84,522 | 10 | 74,249 | 10 | 63,975 |
| 10 1/4 | 10 1/4 | 10 1/4 | 145,948 | 10 1/4 | 135,675 | 10 1/4 | 125,401 | 10 1/4 | 115,128 | 10 1/4 | 104,855 | 10 1/4 | 94,581 | 10 1/4 | 84,308 | 10 1/4 | 74,034 | 10 1/4 | 63,781 |
| 10 1/2 | 10 1/2 | 10 1/2 | 145,734 | 10 1/2 | 135,461 | 10 1/2 | 125,187 | 10 1/2 | 114,914 | 10 1/2 | 104,641 | 10 1/2 | 94,367 | 10 1/2 | 84,094 | 10 1/2 | 73,820 | 10 1/2 | 63,547 |
| 10 3/4 | 10 3/4 | 10 3/4 | 145,520 | 10 3/4 | 135,247 | 10 3/4 | 124,973 | 10 3/4 | 114,700 | 10 3/4 | 104,427 | 10 3/4 | 94,153 | 10 3/4 | 83,880 | 10 3/4 | 73,606 | 10 3/4 | 63,333 |
| 11 | 11 | 11 | 145,306 | 11 | 135,033 | 11 | 124,759 | 11 | 114,486 | 11 | 104,213 | 11 | 93,939 | 11 | 83,666 | 11 | 73,392 | 11 | 63,119 |
| 11 1/4 | 11 1/4 | 11 1/4 | 145,092 | 11 1/4 | 134,819 | 11 1/4 | 124,545 | 11 1/4 | 114,272 | 11 1/4 | 103,999 | 11 1/4 | 93,725 | 11 1/4 | 83,452 | 11 1/4 | 73,178 | 11 1/4 | 62,905 |
| 11 1/2 | 11 1/2 | 11 1/2 | 144,878 | 11 1/2 | 134,605 | 11 1/2 | 124,331 | 11 1/2 | 114,058 | 11 1/2 | 103,784 | 11 1/2 | 93,511 | 11 1/2 | 83,238 | 11 1/2 | 72,964 | 11 1/2 | 62,691 |
| 11 3/4 | 11 3/4 | 11 3/4 | 144,664 | 11 3/4 | 134,391 | 11 3/4 | 124,117 | 11 3/4 | 113,844 | 11 3/4 | 103,570 | 11 3/4 | 93,297 | 11 3/4 | 83,024 | 11 3/4 | 72,750 | 11 3/4 | 62,477 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 23'-08" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77888
<http://www.pmacorp.net>



BARGE "IB 1318"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 18'-02"

| 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 | 62,283 | 0 | 51,999 | 0 | 41,716 | 0 | 31,437 | 0 | 21,423 | 0 | 11,150 | 0 | 918 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 62,049 | 1/4 | 51,776 | 1/4 | 41,502 | 1/4 | 31,279 | 1/4 | 21,209 | 1/4 | 10,936 | 1/4 | 771 | 1/4 | | | | | |
| 1/2 | 61,836 | 1/2 | 51,561 | 1/2 | 41,288 | 1/2 | 31,071 | 1/2 | 20,996 | 1/2 | 10,722 | 1/2 | 624 | 1/2 | | | | | |
| 3/4 | 61,621 | 3/4 | 51,347 | 3/4 | 41,074 | 3/4 | 30,863 | 3/4 | 20,780 | 3/4 | 10,508 | 3/4 | 477 | 3/4 | | | | | |
| 1 | 61,407 | 1 | 51,133 | 1 | 40,860 | 1 | 30,656 | 1 | 20,568 | 1 | 10,294 | 1 | 330 | 1 | | | | | |
| 1 1/4 | 61,193 | 1 1/4 | 50,919 | 1 1/4 | 40,646 | 1 1/4 | 30,448 | 1 1/4 | 20,352 | 1 1/4 | 10,080 | 1 1/4 | 266 | 1 1/4 | | | | | |
| 1 1/2 | 60,979 | 1 1/2 | 50,705 | 1 1/2 | 40,432 | 1 1/2 | 30,240 | 1 1/2 | 20,138 | 1 1/2 | 9,865 | 1 1/2 | 202 | 1 1/2 | | | | | |
| 1 3/4 | 60,765 | 1 3/4 | 50,491 | 1 3/4 | 40,218 | 1 3/4 | 30,032 | 1 3/4 | 19,924 | 1 3/4 | 9,651 | 1 3/4 | 138 | 1 3/4 | | | | | |
| 2 | 60,551 | 2 | 50,277 | 2 | 40,004 | 2 | 29,824 | 2 | 19,710 | 2 | 9,437 | 2 | 74 | 2 | | | | | |
| 2 1/4 | 60,337 | 2 1/4 | 50,063 | 2 1/4 | 39,790 | 2 1/4 | 29,617 | 2 1/4 | 19,496 | 2 1/4 | 9,223 | 2 1/4 | | 2 1/4 | | | | | |
| 2 1/2 | 60,123 | 2 1/2 | 49,849 | 2 1/2 | 39,576 | 2 1/2 | 29,409 | 2 1/2 | 19,282 | 2 1/2 | 9,009 | 2 1/2 | | 2 1/2 | | | | | |
| 2 3/4 | 59,909 | 2 3/4 | 49,635 | 2 3/4 | 39,362 | 2 3/4 | 29,201 | 2 3/4 | 19,068 | 2 3/4 | 8,795 | 2 3/4 | | 2 3/4 | | | | | |
| 3 | 59,695 | 3 | 49,421 | 3 | 39,148 | 3 | 28,994 | 3 | 18,854 | 3 | 8,581 | 3 | | 3 | | | | | |
| 3 1/4 | 59,481 | 3 1/4 | 49,207 | 3 1/4 | 38,934 | 3 1/4 | 28,786 | 3 1/4 | 18,640 | 3 1/4 | 8,367 | 3 1/4 | | 3 1/4 | | | | | |
| 3 1/2 | 59,267 | 3 1/2 | 48,993 | 3 1/2 | 38,720 | 3 1/2 | 28,578 | 3 1/2 | 18,426 | 3 1/2 | 8,153 | 3 1/2 | | 3 1/2 | | | | | |
| 3 3/4 | 59,052 | 3 3/4 | 48,779 | 3 3/4 | 38,506 | 3 3/4 | 28,370 | 3 3/4 | 18,212 | 3 3/4 | 7,939 | 3 3/4 | | 3 3/4 | | | | | |
| 4 | 58,838 | 4 | 48,565 | 4 | 38,292 | 4 | 28,153 | 4 | 17,998 | 4 | 7,725 | 4 | | 4 | | | | | |
| 4 1/4 | 58,624 | 4 1/4 | 48,351 | 4 1/4 | 38,078 | 4 1/4 | 27,955 | 4 1/4 | 17,784 | 4 1/4 | 7,511 | 4 1/4 | | 4 1/4 | | | | | |
| 4 1/2 | 58,410 | 4 1/2 | 48,137 | 4 1/2 | 37,864 | 4 1/2 | 27,747 | 4 1/2 | 17,570 | 4 1/2 | 7,297 | 4 1/2 | | 4 1/2 | | | | | |
| 4 3/4 | 58,196 | 4 3/4 | 47,923 | 4 3/4 | 37,650 | 4 3/4 | 27,539 | 4 3/4 | 17,356 | 4 3/4 | 7,083 | 4 3/4 | | 4 3/4 | | | | | |
| 5 | 57,982 | 5 | 47,709 | 5 | 37,436 | 5 | 27,332 | 5 | 17,142 | 5 | 6,869 | 5 | | 5 | | | | | |
| 5 1/4 | 57,768 | 5 1/4 | 47,495 | 5 1/4 | 37,222 | 5 1/4 | 27,124 | 5 1/4 | 16,928 | 5 1/4 | 6,655 | 5 1/4 | | 5 1/4 | | | | | |
| 5 1/2 | 57,554 | 5 1/2 | 47,281 | 5 1/2 | 37,008 | 5 1/2 | 26,916 | 5 1/2 | 16,714 | 5 1/2 | 6,441 | 5 1/2 | | 5 1/2 | | | | | |
| 5 3/4 | 57,340 | 5 3/4 | 47,067 | 5 3/4 | 36,793 | 5 3/4 | 26,708 | 5 3/4 | 16,500 | 5 3/4 | 6,227 | 5 3/4 | | 5 3/4 | | | | | |
| 6 | 57,126 | 6 | 46,853 | 6 | 36,579 | 6 | 26,501 | 6 | 16,286 | 6 | 6,013 | 6 | | 6 | | | | | |
| 6 1/4 | 56,912 | 6 1/4 | 46,639 | 6 1/4 | 36,365 | 6 1/4 | 26,293 | 6 1/4 | 16,072 | 6 1/4 | 5,799 | 6 1/4 | | 6 1/4 | | | | | |
| 6 1/2 | 56,698 | 6 1/2 | 46,425 | 6 1/2 | 36,151 | 6 1/2 | 26,085 | 6 1/2 | 15,858 | 6 1/2 | 5,585 | 6 1/2 | | 6 1/2 | | | | | |
| 6 3/4 | 56,484 | 6 3/4 | 46,211 | 6 3/4 | 35,937 | 6 3/4 | 25,878 | 6 3/4 | 15,644 | 6 3/4 | 5,371 | 6 3/4 | | 6 3/4 | | | | | |
| 7 | 56,270 | 7 | 45,997 | 7 | 35,723 | 7 | 25,670 | 7 | 15,430 | 7 | 5,157 | 7 | | 7 | | | | | |
| 7 1/4 | 56,056 | 7 1/4 | 45,783 | 7 1/4 | 35,509 | 7 1/4 | 25,463 | 7 1/4 | 15,218 | 7 1/4 | 4,943 | 7 1/4 | | 7 1/4 | | | | | |
| 7 1/2 | 55,842 | 7 1/2 | 45,569 | 7 1/2 | 35,295 | 7 1/2 | 25,255 | 7 1/2 | 15,002 | 7 1/2 | 4,729 | 7 1/2 | | 7 1/2 | | | | | |
| 7 3/4 | 55,628 | 7 3/4 | 45,355 | 7 3/4 | 35,081 | 7 3/4 | 25,048 | 7 3/4 | 14,788 | 7 3/4 | 4,515 | 7 3/4 | | 7 3/4 | | | | | |
| 8 | 55,414 | 8 | 45,141 | 8 | 34,867 | 8 | 24,840 | 8 | 14,574 | 8 | 4,301 | 8 | | 8 | | | | | |
| 8 1/4 | 55,200 | 8 1/4 | 44,927 | 8 1/4 | 34,653 | 8 1/4 | 24,628 | 8 1/4 | 14,360 | 8 1/4 | 4,087 | 8 1/4 | | 8 1/4 | | | | | |
| 8 1/2 | 54,986 | 8 1/2 | 44,713 | 8 1/2 | 34,439 | 8 1/2 | 24,416 | 8 1/2 | 14,146 | 8 1/2 | 3,873 | 8 1/2 | | 8 1/2 | | | | | |
| 8 3/4 | 54,772 | 8 3/4 | 44,499 | 8 3/4 | 34,225 | 8 3/4 | 24,203 | 8 3/4 | 13,932 | 8 3/4 | 3,659 | 8 3/4 | | 8 3/4 | | | | | |
| 9 | 54,558 | 9 | 44,285 | 9 | 34,011 | 9 | 23,991 | 9 | 13,718 | 9 | 3,445 | 9 | | 9 | | | | | |
| 9 1/4 | 54,344 | 9 1/4 | 44,070 | 9 1/4 | 33,797 | 9 1/4 | 23,777 | 9 1/4 | 13,504 | 9 1/4 | 3,231 | 9 1/4 | | 9 1/4 | | | | | |
| 9 1/2 | 54,130 | 9 1/2 | 43,856 | 9 1/2 | 33,583 | 9 1/2 | 23,563 | 9 1/2 | 13,290 | 9 1/2 | 3,017 | 9 1/2 | | 9 1/2 | | | | | |
| 9 3/4 | 53,916 | 9 3/4 | 43,642 | 9 3/4 | 33,369 | 9 3/4 | 23,349 | 9 3/4 | 13,076 | 9 3/4 | 2,803 | 9 3/4 | | 9 3/4 | | | | | |
| 10 | 53,702 | 10 | 43,428 | 10 | 33,155 | 10 | 23,135 | 10 | 12,862 | 10 | 2,590 | 10 | | 10 | | | | | |
| 10 1/4 | 53,488 | 10 1/4 | 43,214 | 10 1/4 | 32,946 | 10 1/4 | 22,921 | 10 1/4 | 12,648 | 10 1/4 | 2,376 | 10 1/4 | | 10 1/4 | | | | | |
| 10 1/2 | 53,274 | 10 1/2 | 43,000 | 10 1/2 | 32,736 | 10 1/2 | 22,707 | 10 1/2 | 12,434 | 10 1/2 | 2,163 | 10 1/2 | | 10 1/2 | | | | | |
| 10 3/4 | 53,060 | 10 3/4 | 42,786 | 10 3/4 | 32,527 | 10 3/4 | 22,493 | 10 3/4 | 12,220 | 10 3/4 | 1,950 | 10 3/4 | | 10 3/4 | | | | | |
| 11 | 52,846 | 11 | 42,572 | 11 | 32,318 | 11 | 22,279 | 11 | 12,006 | 11 | 1,737 | 11 | | 11 | | | | | |
| 11 1/4 | 52,632 | 11 1/4 | 42,358 | 11 1/4 | 32,110 | 11 1/4 | 22,065 | 11 1/4 | 11,792 | 11 1/4 | 1,523 | 11 1/4 | | 11 1/4 | | | | | |
| 11 1/2 | 52,418 | 11 1/2 | 42,144 | 11 1/2 | 31,902 | 11 1/2 | 21,851 | 11 1/2 | 11,578 | 11 1/2 | 1,327 | 11 1/2 | | 11 1/2 | | | | | |
| 11 3/4 | 52,204 | 11 3/4 | 41,930 | 11 3/4 | 31,694 | 11 3/4 | 21,637 | 11 3/4 | 11,364 | 11 3/4 | 1,123 | 11 3/4 | | 11 3/4 | | | | | |

STRAPPED: 03/30/2020 CL
CALCULATED: 03/31/2020 CL
PRINTED: 03/31/2020 SW

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77688
<http://www.pmaoils.com>



BARGE "IB 1318"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|--------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|-------|
| 0 | 0 | 154,808 | 0 | 145,573 | 0 | 135,235 | 0 | 124,898 | 0 | 114,560 | 0 | 104,222 | 0 | 93,884 | 0 | 83,547 | 0 | 73,209 | |
| 1/4 | 1/4 | 154,748 | 1/4 | 145,358 | 1/4 | 135,020 | 1/4 | 124,882 | 1/4 | 114,345 | 1/4 | 104,007 | 1/4 | 93,669 | 1/4 | 83,331 | 1/4 | 72,993 | |
| 1/2 | 1/2 | 154,689 | 1/2 | 145,143 | 1/2 | 134,805 | 1/2 | 124,467 | 1/2 | 114,129 | 1/2 | 103,791 | 1/2 | 93,454 | 1/2 | 83,116 | 1/2 | 72,778 | |
| 3/4 | 3/4 | 154,631 | 3/4 | 144,927 | 3/4 | 134,589 | 3/4 | 124,252 | 3/4 | 113,914 | 3/4 | 103,576 | 3/4 | 93,238 | 3/4 | 82,900 | 3/4 | 72,563 | |
| 1 | 1 | 154,573 | 1 | 144,712 | 1 | 134,374 | 1 | 124,036 | 1 | 113,698 | 1 | 103,361 | 1 | 93,023 | 1 | 82,685 | 1 | 72,347 | |
| 1 1/4 | 1 1/4 | 154,447 | 1 1/4 | 144,496 | 1 1/4 | 134,159 | 1 1/4 | 123,821 | 1 1/4 | 113,483 | 1 1/4 | 103,145 | 1 1/4 | 92,808 | 1 1/4 | 82,470 | 1 1/4 | 72,132 | |
| 1 1/2 | 1 1/2 | 154,321 | 1 1/2 | 144,281 | 1 1/2 | 133,943 | 1 1/2 | 123,605 | 1 1/2 | 113,268 | 1 1/2 | 102,930 | 1 1/2 | 92,592 | 1 1/2 | 82,254 | 1 1/2 | 71,917 | |
| 1 3/4 | 1 3/4 | 154,195 | 1 3/4 | 144,066 | 1 3/4 | 133,728 | 1 3/4 | 123,390 | 1 3/4 | 113,052 | 1 3/4 | 102,715 | 1 3/4 | 92,377 | 1 3/4 | 82,039 | 1 3/4 | 71,701 | |
| 2 | 2 | 154,070 | 2 | 143,850 | 2 | 133,513 | 2 | 123,175 | 2 | 112,837 | 2 | 102,499 | 2 | 92,161 | 2 | 81,824 | 2 | 71,468 | |
| 2 1/4 | 2 1/4 | 153,880 | 2 1/4 | 143,635 | 2 1/4 | 133,297 | 2 1/4 | 122,959 | 2 1/4 | 112,622 | 2 1/4 | 102,284 | 2 1/4 | 91,946 | 2 1/4 | 81,608 | 2 1/4 | 71,270 | |
| 2 1/2 | 2 1/2 | 153,691 | 2 1/2 | 143,420 | 2 1/2 | 133,082 | 2 1/2 | 122,744 | 2 1/2 | 112,406 | 2 1/2 | 102,068 | 2 1/2 | 91,731 | 2 1/2 | 81,393 | 2 1/2 | 71,055 | |
| 2 3/4 | 2 3/4 | 153,501 | 2 3/4 | 143,204 | 2 3/4 | 132,866 | 2 3/4 | 122,529 | 2 3/4 | 112,191 | 2 3/4 | 101,853 | 2 3/4 | 91,515 | 2 3/4 | 81,178 | 2 3/4 | 70,840 | |
| 3 | 3 | 153,311 | 3 | 142,989 | 3 | 132,651 | 3 | 122,313 | 3 | 111,975 | 3 | 101,638 | 3 | 91,300 | 3 | 80,962 | 3 | 70,624 | |
| 3 1/4 | 3 1/4 | 153,099 | 3 1/4 | 142,773 | 3 1/4 | 132,438 | 3 1/4 | 122,098 | 3 1/4 | 111,760 | 3 1/4 | 101,422 | 3 1/4 | 91,085 | 3 1/4 | 80,747 | 3 1/4 | 70,409 | |
| 3 1/2 | 3 1/2 | 152,887 | 3 1/2 | 142,558 | 3 1/2 | 132,220 | 3 1/2 | 121,883 | 3 1/2 | 111,545 | 3 1/2 | 101,207 | 3 1/2 | 90,869 | 3 1/2 | 80,531 | 3 1/2 | 70,194 | |
| 3 3/4 | 3 3/4 | 152,675 | 3 3/4 | 142,343 | 3 3/4 | 132,005 | 3 3/4 | 121,667 | 3 3/4 | 111,329 | 3 3/4 | 100,992 | 3 3/4 | 90,654 | 3 3/4 | 80,316 | 3 3/4 | 69,978 | |
| 4 | 4 | 152,463 | 4 | 142,127 | 4 | 131,790 | 4 | 121,452 | 4 | 111,114 | 4 | 100,776 | 4 | 90,438 | 4 | 80,101 | 4 | 69,763 | |
| 4 1/4 | 4 1/4 | 152,248 | 4 1/4 | 141,912 | 4 1/4 | 131,574 | 4 1/4 | 121,236 | 4 1/4 | 110,899 | 4 1/4 | 100,561 | 4 1/4 | 90,223 | 4 1/4 | 79,865 | 4 1/4 | 69,548 | |
| 4 1/2 | 4 1/2 | 152,033 | 4 1/2 | 141,697 | 4 1/2 | 131,359 | 4 1/2 | 121,021 | 4 1/2 | 110,683 | 4 1/2 | 100,345 | 4 1/2 | 90,008 | 4 1/2 | 79,670 | 4 1/2 | 69,332 | |
| 4 3/4 | 4 3/4 | 151,818 | 4 3/4 | 141,481 | 4 3/4 | 131,143 | 4 3/4 | 120,806 | 4 3/4 | 110,468 | 4 3/4 | 100,130 | 4 3/4 | 89,782 | 4 3/4 | 79,455 | 4 3/4 | 69,117 | |
| 5 | 5 | 151,603 | 5 | 141,266 | 5 | 130,928 | 5 | 120,590 | 5 | 110,253 | 5 | 99,915 | 5 | 89,577 | 5 | 79,239 | 5 | 68,901 | |
| 5 1/4 | 5 1/4 | 151,388 | 5 1/4 | 141,050 | 5 1/4 | 130,713 | 5 1/4 | 120,375 | 5 1/4 | 110,037 | 5 1/4 | 99,699 | 5 1/4 | 89,362 | 5 1/4 | 79,024 | 5 1/4 | 68,686 | |
| 5 1/2 | 5 1/2 | 151,173 | 5 1/2 | 140,835 | 5 1/2 | 130,497 | 5 1/2 | 120,160 | 5 1/2 | 109,822 | 5 1/2 | 99,484 | 5 1/2 | 89,146 | 5 1/2 | 78,808 | 5 1/2 | 68,471 | |
| 5 3/4 | 5 3/4 | 150,957 | 5 3/4 | 140,620 | 5 3/4 | 130,282 | 5 3/4 | 119,944 | 5 3/4 | 109,606 | 5 3/4 | 99,268 | 5 3/4 | 88,931 | 5 3/4 | 78,593 | 5 3/4 | 68,255 | |
| 6 | 6 | 150,742 | 6 | 140,404 | 6 | 130,067 | 6 | 119,729 | 6 | 109,391 | 6 | 99,053 | 6 | 88,716 | 6 | 78,378 | 6 | 68,040 | |
| 6 1/4 | 6 1/4 | 150,527 | 6 1/4 | 140,189 | 6 1/4 | 129,851 | 6 1/4 | 119,513 | 6 1/4 | 109,176 | 6 1/4 | 98,838 | 6 1/4 | 88,500 | 6 1/4 | 78,162 | 6 1/4 | 67,825 | |
| 6 1/2 | 6 1/2 | 150,311 | 6 1/2 | 139,974 | 6 1/2 | 129,638 | 6 1/2 | 119,298 | 6 1/2 | 108,960 | 6 1/2 | 98,623 | 6 1/2 | 88,285 | 6 1/2 | 77,947 | 6 1/2 | 67,609 | |
| 6 3/4 | 6 3/4 | 150,096 | 6 3/4 | 139,758 | 6 3/4 | 129,420 | 6 3/4 | 119,083 | 6 3/4 | 108,745 | 6 3/4 | 98,407 | 6 3/4 | 88,069 | 6 3/4 | 77,732 | 6 3/4 | 67,394 | |
| 7 | 7 | 149,881 | 7 | 139,543 | 7 | 129,205 | 7 | 118,867 | 7 | 108,530 | 7 | 98,192 | 7 | 87,854 | 7 | 77,516 | 7 | 67,178 | |
| 7 1/4 | 7 1/4 | 149,665 | 7 1/4 | 139,328 | 7 1/4 | 128,990 | 7 1/4 | 118,652 | 7 1/4 | 108,314 | 7 1/4 | 97,976 | 7 1/4 | 87,639 | 7 1/4 | 77,301 | 7 1/4 | 66,983 | |
| 7 1/2 | 7 1/2 | 149,450 | 7 1/2 | 139,112 | 7 1/2 | 128,774 | 7 1/2 | 118,437 | 7 1/2 | 108,099 | 7 1/2 | 97,761 | 7 1/2 | 87,423 | 7 1/2 | 77,085 | 7 1/2 | 66,748 | |
| 7 3/4 | 7 3/4 | 149,235 | 7 3/4 | 138,897 | 7 3/4 | 128,559 | 7 3/4 | 118,221 | 7 3/4 | 107,883 | 7 3/4 | 97,546 | 7 3/4 | 87,208 | 7 3/4 | 76,870 | 7 3/4 | 66,532 | |
| 8 | 8 | 149,019 | 8 | 138,681 | 8 | 128,344 | 8 | 118,006 | 8 | 107,668 | 8 | 97,330 | 8 | 86,993 | 8 | 76,655 | 8 | 66,317 | |
| 8 1/4 | 8 1/4 | 148,804 | 8 1/4 | 138,466 | 8 1/4 | 128,128 | 8 1/4 | 117,790 | 8 1/4 | 107,453 | 8 1/4 | 97,115 | 8 1/4 | 86,777 | 8 1/4 | 76,439 | 8 1/4 | 66,102 | |
| 8 1/2 | 8 1/2 | 148,588 | 8 1/2 | 138,251 | 8 1/2 | 127,913 | 8 1/2 | 117,575 | 8 1/2 | 107,237 | 8 1/2 | 96,900 | 8 1/2 | 86,562 | 8 1/2 | 76,224 | 8 1/2 | 65,886 | |
| 8 3/4 | 8 3/4 | 148,373 | 8 3/4 | 138,035 | 8 3/4 | 127,698 | 8 3/4 | 117,360 | 8 3/4 | 107,022 | 8 3/4 | 96,684 | 8 3/4 | 86,346 | 8 3/4 | 76,009 | 8 3/4 | 65,671 | |
| 9 | 9 | 148,158 | 9 | 137,820 | 9 | 127,482 | 9 | 117,144 | 9 | 106,807 | 9 | 96,469 | 9 | 86,131 | 9 | 75,793 | 9 | 65,455 | |
| 9 1/4 | 9 1/4 | 147,942 | 9 1/4 | 137,605 | 9 1/4 | 127,267 | 9 1/4 | 116,929 | 9 1/4 | 106,591 | 9 1/4 | 96,253 | 9 1/4 | 85,916 | 9 1/4 | 75,578 | 9 1/4 | 65,240 | |
| 9 1/2 | 9 1/2 | 147,727 | 9 1/2 | 137,389 | 9 1/2 | 127,051 | 9 1/2 | 116,714 | 9 1/2 | 106,376 | 9 1/2 | 96,038 | 9 1/2 | 85,700 | 9 1/2 | 75,363 | 9 1/2 | 65,025 | |
| 9 3/4 | 9 3/4 | 147,512 | 9 3/4 | 137,174 | 9 3/4 | 126,836 | 9 3/4 | 116,498 | 9 3/4 | 106,160 | 9 3/4 | 95,823 | 9 3/4 | 85,485 | 9 3/4 | 75,147 | 9 3/4 | 64,809 | |
| 10 | 10 | 147,296 | 10 | 136,958 | 10 | 126,621 | 10 | 116,283 | 10 | 105,945 | 10 | 95,607 | 10 | 85,270 | 10 | 74,932 | 10 | 64,594 | |
| 10 1/4 | 10 1/4 | 147,081 | 10 1/4 | 136,743 | 10 1/4 | 126,405 | 10 1/4 | 116,068 | 10 1/4 | 105,730 | 10 1/4 | 95,392 | 10 1/4 | 85,054 | 10 1/4 | 74,716 | 10 1/4 | 64,379 | |
| 10 1/2 | 10 1/2 | 146,865 | 10 1/2 | 136,528 | 10 1/2 | 126,190 | 10 1/2 | 115,852 | 10 1/2 | 105,514 | 10 1/2 | 95,177 | 10 1/2 | 84,839 | 10 1/2 | 74,501 | 10 1/2 | 64,163 | |
| 10 3/4 | 10 3/4 | 146,650 | 10 3/4 | 136,312 | 10 3/4 | 125,975 | 10 3/4 | 115,637 | 10 3/4 | 105,299 | 10 3/4 | 94,961 | 10 3/4 | 84,623 | 10 3/4 | 74,286 | 10 3/4 | 63,948 | |
| 11 | 11 | 146,435 | 11 | 136,097 | 11 | 125,759 | 11 | 115,421 | 11 | 105,084 | 11 | 94,746 | 11 | 84,408 | 11 | 74,070 | 11 | 63,733 | |
| 11 1/4 | 11 1/4 | 146,219 | 11 1/4 | 135,882 | 11 1/4 | 125,544 | 11 1/4 | 115,206 | 11 1/4 | 104,868 | 11 1/4 | 94,530 | 11 1/4 | 84,193 | 11 1/4 | 73,855 | 11 1/4 | 63,517 | |
| 11 1/2 | 11 1/2 | 146,004 | 11 1/2 | 135,668 | 11 1/2 | 125,328 | 11 1/2 | 114,991 | 11 1/2 | 104,653 | 11 1/2 | 94,315 | 11 1/2 | 83,977 | 11 1/2 | 73,640 | 11 1/2 | 63,302 | |
| 11 3/4 | 11 3/4 | 154,824 | 11 3/4 | 145,789 | 11 3/4 | 135,451 | 11 3/4 | 114,775 | 11 3/4 | 104,438 | 11 3/4 | 94,100 | 11 3/4 | 83,762 | 11 3/4 | 73,424 | 11 3/4 | 63,086 | |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77688
<http://www.pmacorp.net>



BARGE "IB 1318"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

| 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 | 62,871 | 0 | 52,533 | 0 | 42,195 | 0 | 31,857 | 0 | 21,557 | 0 | 11,219 | 0 | 923 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 62,856 | 1/4 | 52,518 | 1/4 | 42,180 | 1/4 | 31,848 | 1/4 | 21,541 | 1/4 | 11,004 | 1/4 | 776 | 1/4 | | | | | |
| 1/2 | 62,440 | 1/2 | 52,103 | 1/2 | 41,765 | 1/2 | 31,434 | 1/2 | 21,126 | 1/2 | 10,789 | 1/2 | 628 | 1/2 | | | | | |
| 3/4 | 62,225 | 3/4 | 51,887 | 3/4 | 41,549 | 3/4 | 31,219 | 3/4 | 20,911 | 3/4 | 10,573 | 3/4 | 480 | 3/4 | | | | | |
| 1 | 62,010 | 1 | 51,672 | 1 | 41,334 | 1 | 31,005 | 1 | 20,695 | 1 | 10,358 | 1 | 332 | 1 | | | | | |
| 1 1/4 | 61,794 | 1 1/4 | 51,456 | 1 1/4 | 41,119 | 1 1/4 | 30,790 | 1 1/4 | 20,480 | 1 1/4 | 10,143 | 1 1/4 | 288 | 1 1/4 | | | | | |
| 1 1/2 | 61,579 | 1 1/2 | 51,241 | 1 1/2 | 40,903 | 1 1/2 | 30,576 | 1 1/2 | 20,265 | 1 1/2 | 9,927 | 1 1/2 | 203 | 1 1/2 | | | | | |
| 1 3/4 | 61,363 | 1 3/4 | 51,026 | 1 3/4 | 40,688 | 1 3/4 | 30,362 | 1 3/4 | 20,049 | 1 3/4 | 9,712 | 1 3/4 | 139 | 1 3/4 | | | | | |
| 2 | 61,148 | 2 | 50,810 | 2 | 40,473 | 2 | 30,147 | 2 | 19,834 | 2 | 9,496 | 2 | 74 | 2 | | | | | |
| 2 1/4 | 60,933 | 2 1/4 | 50,595 | 2 1/4 | 40,257 | 2 1/4 | 29,933 | 2 1/4 | 19,618 | 2 1/4 | 9,281 | 2 1/4 | | 2 1/4 | | | | | |
| 2 1/2 | 60,717 | 2 1/2 | 50,380 | 2 1/2 | 40,042 | 2 1/2 | 29,718 | 2 1/2 | 19,403 | 2 1/2 | 9,066 | 2 1/2 | | 2 1/2 | | | | | |
| 2 3/4 | 60,502 | 2 3/4 | 50,164 | 2 3/4 | 39,826 | 2 3/4 | 29,504 | 2 3/4 | 19,188 | 2 3/4 | 8,850 | 2 3/4 | | 2 3/4 | | | | | |
| 3 | 60,287 | 3 | 49,949 | 3 | 39,611 | 3 | 29,289 | 3 | 18,972 | 3 | 8,635 | 3 | | 3 | | | | | |
| 3 1/4 | 60,071 | 3 1/4 | 49,733 | 3 1/4 | 39,396 | 3 1/4 | 29,075 | 3 1/4 | 18,757 | 3 1/4 | 8,420 | 3 1/4 | | 3 1/4 | | | | | |
| 3 1/2 | 59,856 | 3 1/2 | 49,518 | 3 1/2 | 39,180 | 3 1/2 | 28,861 | 3 1/2 | 18,542 | 3 1/2 | 8,204 | 3 1/2 | | 3 1/2 | | | | | |
| 3 3/4 | 59,640 | 3 3/4 | 49,303 | 3 3/4 | 38,965 | 3 3/4 | 28,646 | 3 3/4 | 18,326 | 3 3/4 | 7,989 | 3 3/4 | | 3 3/4 | | | | | |
| 4 | 59,425 | 4 | 49,087 | 4 | 38,750 | 4 | 28,432 | 4 | 18,111 | 4 | 7,774 | 4 | | 4 | | | | | |
| 4 1/4 | 59,210 | 4 1/4 | 48,872 | 4 1/4 | 38,534 | 4 1/4 | 28,218 | 4 1/4 | 17,896 | 4 1/4 | 7,558 | 4 1/4 | | 4 1/4 | | | | | |
| 4 1/2 | 58,994 | 4 1/2 | 48,657 | 4 1/2 | 38,319 | 4 1/2 | 28,003 | 4 1/2 | 17,680 | 4 1/2 | 7,343 | 4 1/2 | | 4 1/2 | | | | | |
| 4 3/4 | 58,779 | 4 3/4 | 48,441 | 4 3/4 | 38,103 | 4 3/4 | 27,789 | 4 3/4 | 17,465 | 4 3/4 | 7,127 | 4 3/4 | | 4 3/4 | | | | | |
| 5 | 58,564 | 5 | 48,226 | 5 | 37,888 | 5 | 27,574 | 5 | 17,249 | 5 | 6,912 | 5 | | 5 | | | | | |
| 5 1/4 | 58,348 | 5 1/4 | 48,010 | 5 1/4 | 37,673 | 5 1/4 | 27,360 | 5 1/4 | 17,034 | 5 1/4 | 6,697 | 5 1/4 | | 5 1/4 | | | | | |
| 5 1/2 | 58,133 | 5 1/2 | 47,795 | 5 1/2 | 37,457 | 5 1/2 | 27,146 | 5 1/2 | 16,819 | 5 1/2 | 6,481 | 5 1/2 | | 5 1/2 | | | | | |
| 5 3/4 | 57,918 | 5 3/4 | 47,580 | 5 3/4 | 37,242 | 5 3/4 | 26,931 | 5 3/4 | 16,603 | 5 3/4 | 6,266 | 5 3/4 | | 5 3/4 | | | | | |
| 6 | 57,702 | 6 | 47,364 | 6 | 37,027 | 6 | 26,717 | 6 | 16,388 | 6 | 6,051 | 6 | | 6 | | | | | |
| 6 1/4 | 57,487 | 6 1/4 | 47,149 | 6 1/4 | 36,811 | 6 1/4 | 26,502 | 6 1/4 | 16,173 | 6 1/4 | 5,835 | 6 1/4 | | 6 1/4 | | | | | |
| 6 1/2 | 57,271 | 6 1/2 | 46,934 | 6 1/2 | 36,596 | 6 1/2 | 26,288 | 6 1/2 | 15,957 | 6 1/2 | 5,620 | 6 1/2 | | 6 1/2 | | | | | |
| 6 3/4 | 57,056 | 6 3/4 | 46,718 | 6 3/4 | 36,380 | 6 3/4 | 26,074 | 6 3/4 | 15,742 | 6 3/4 | 5,405 | 6 3/4 | | 6 3/4 | | | | | |
| 7 | 56,841 | 7 | 46,503 | 7 | 36,165 | 7 | 25,859 | 7 | 15,527 | 7 | 5,189 | 7 | | 7 | | | | | |
| 7 1/4 | 56,625 | 7 1/4 | 46,288 | 7 1/4 | 35,950 | 7 1/4 | 25,645 | 7 1/4 | 15,311 | 7 1/4 | 4,974 | 7 1/4 | | 7 1/4 | | | | | |
| 7 1/2 | 56,410 | 7 1/2 | 46,072 | 7 1/2 | 35,734 | 7 1/2 | 25,430 | 7 1/2 | 15,096 | 7 1/2 | 4,759 | 7 1/2 | | 7 1/2 | | | | | |
| 7 3/4 | 56,195 | 7 3/4 | 45,857 | 7 3/4 | 35,519 | 7 3/4 | 25,216 | 7 3/4 | 14,881 | 7 3/4 | 4,543 | 7 3/4 | | 7 3/4 | | | | | |
| 8 | 55,979 | 8 | 45,641 | 8 | 35,304 | 8 | 25,002 | 8 | 14,665 | 8 | 4,328 | 8 | | 8 | | | | | |
| 8 1/4 | 55,764 | 8 1/4 | 45,426 | 8 1/4 | 35,088 | 8 1/4 | 24,788 | 8 1/4 | 14,450 | 8 1/4 | 4,112 | 8 1/4 | | 8 1/4 | | | | | |
| 8 1/2 | 55,548 | 8 1/2 | 45,211 | 8 1/2 | 34,873 | 8 1/2 | 24,571 | 8 1/2 | 14,234 | 8 1/2 | 3,897 | 8 1/2 | | 8 1/2 | | | | | |
| 8 3/4 | 55,333 | 8 3/4 | 44,995 | 8 3/4 | 34,658 | 8 3/4 | 24,356 | 8 3/4 | 14,019 | 8 3/4 | 3,682 | 8 3/4 | | 8 3/4 | | | | | |
| 9 | 55,118 | 9 | 44,780 | 9 | 34,442 | 9 | 24,141 | 9 | 13,804 | 9 | 3,466 | 9 | | 9 | | | | | |
| 9 1/4 | 54,902 | 9 1/4 | 44,565 | 9 1/4 | 34,227 | 9 1/4 | 23,926 | 9 1/4 | 13,588 | 9 1/4 | 3,251 | 9 1/4 | | 9 1/4 | | | | | |
| 9 1/2 | 54,687 | 9 1/2 | 44,349 | 9 1/2 | 34,011 | 9 1/2 | 23,710 | 9 1/2 | 13,373 | 9 1/2 | 3,036 | 9 1/2 | | 9 1/2 | | | | | |
| 9 3/4 | 54,472 | 9 3/4 | 44,134 | 9 3/4 | 33,796 | 9 3/4 | 23,495 | 9 3/4 | 13,158 | 9 3/4 | 2,821 | 9 3/4 | | 9 3/4 | | | | | |
| 10 | 54,256 | 10 | 43,918 | 10 | 33,581 | 10 | 23,280 | 10 | 12,942 | 10 | 2,606 | 10 | | 10 | | | | | |
| 10 1/4 | 54,041 | 10 1/4 | 43,703 | 10 1/4 | 33,366 | 10 1/4 | 23,064 | 10 1/4 | 12,727 | 10 1/4 | 2,391 | 10 1/4 | | 10 1/4 | | | | | |
| 10 1/2 | 53,825 | 10 1/2 | 43,488 | 10 1/2 | 33,151 | 10 1/2 | 22,849 | 10 1/2 | 12,512 | 10 1/2 | 2,177 | 10 1/2 | | 10 1/2 | | | | | |
| 10 3/4 | 53,610 | 10 3/4 | 43,272 | 10 3/4 | 32,936 | 10 3/4 | 22,634 | 10 3/4 | 12,296 | 10 3/4 | 1,962 | 10 3/4 | | 10 3/4 | | | | | |
| 11 | 53,395 | 11 | 43,057 | 11 | 32,721 | 11 | 22,418 | 11 | 12,081 | 11 | 1,748 | 11 | | 11 | | | | | |
| 11 1/4 | 53,179 | 11 1/4 | 42,842 | 11 1/4 | 32,507 | 11 1/4 | 22,203 | 11 1/4 | 11,865 | 11 1/4 | 1,542 | 11 1/4 | | 11 1/4 | | | | | |
| 11 1/2 | 52,964 | 11 1/2 | 42,626 | 11 1/2 | 32,292 | 11 1/2 | 21,987 | 11 1/2 | 11,650 | 11 1/2 | 1,336 | 11 1/2 | | 11 1/2 | | | | | |
| 11 3/4 | 52,749 | 11 3/4 | 42,411 | 11 3/4 | 32,077 | 11 3/4 | 21,772 | 11 3/4 | 11,435 | 11 3/4 | 1,129 | 11 3/4 | | 11 3/4 | | | | | |

STRAPPED: 03/30/2020 CL
CALCULATED: 03/31/2020 CL
PRINTED: 03/31/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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