

6471025



# BARGE "IB 1305"

INNAGE TRIM TABLE

|          | 1 FT.      |              | 2 FT.      |              | 3 FT.      |              | 4 FT.      |              | 5 FT.      |              | 6 FT.      |              |
|----------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
|          | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 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     | 00-1/2     | - 00-1/2     | 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 - 00-1/2"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

August 26, 2019

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "IB 1305"

## 1 CENTER INNAGE 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      | 231    | 0      | 11,110 | 0      | 23,053 | 0      | 34,775 | 0      | 46,561 | 0      | 58,474 | 0      | 70,387 | 0      | 82,262 | 0      | 94,180  | 0      | 106,097 |
| 1/4    | 305    | 1/4    | 11,367 | 1/4    | 23,301 | 1/4    | 35,014 | 1/4    | 46,809 | 1/4    | 58,722 | 1/4    | 70,635 | 1/4    | 82,510 | 1/4    | 94,428  | 1/4    | 106,346 |
| 1/2    | 380    | 1/2    | 11,615 | 1/2    | 23,549 | 1/2    | 35,254 | 1/2    | 47,057 | 1/2    | 58,970 | 1/2    | 70,883 | 1/2    | 82,758 | 1/2    | 94,676  | 1/2    | 106,594 |
| 3/4    | 454    | 3/4    | 11,864 | 3/4    | 23,798 | 3/4    | 35,494 | 3/4    | 47,305 | 3/4    | 59,218 | 3/4    | 71,131 | 3/4    | 83,007 | 3/4    | 94,924  | 3/4    | 106,842 |
| 1      | 529    | 1      | 12,113 | 1      | 24,046 | 1      | 35,734 | 1      | 47,554 | 1      | 59,467 | 1      | 71,380 | 1      | 83,255 | 1      | 95,173  | 1      | 107,091 |
| 1 1/4  | 700    | 1 1/4  | 12,362 | 1 1/4  | 24,294 | 1 1/4  | 35,973 | 1 1/4  | 47,802 | 1 1/4  | 59,715 | 1 1/4  | 71,628 | 1 1/4  | 83,503 | 1 1/4  | 95,421  | 1 1/4  | 107,339 |
| 1 1/2  | 871    | 1 1/2  | 12,611 | 1 1/2  | 24,543 | 1 1/2  | 36,213 | 1 1/2  | 48,050 | 1 1/2  | 59,963 | 1 1/2  | 71,876 | 1 1/2  | 83,752 | 1 1/2  | 95,669  | 1 1/2  | 107,587 |
| 1 3/4  | 1,041  | 1 3/4  | 12,860 | 1 3/4  | 24,791 | 1 3/4  | 36,453 | 1 3/4  | 48,293 | 1 3/4  | 60,211 | 1 3/4  | 72,123 | 1 3/4  | 84,000 | 1 3/4  | 95,918  | 1 3/4  | 107,835 |
| 2      | 1,212  | 2      | 13,108 | 2      | 25,039 | 2      | 36,692 | 2      | 48,546 | 2      | 60,459 | 2      | 72,371 | 2      | 84,248 | 2      | 96,166  | 2      | 108,084 |
| 2 1/4  | 1,450  | 2 1/4  | 13,357 | 2 1/4  | 25,288 | 2 1/4  | 36,932 | 2 1/4  | 48,794 | 2 1/4  | 60,708 | 2 1/4  | 72,619 | 2 1/4  | 84,496 | 2 1/4  | 96,414  | 2 1/4  | 108,332 |
| 2 1/2  | 1,688  | 2 1/2  | 13,606 | 2 1/2  | 25,536 | 2 1/2  | 37,172 | 2 1/2  | 49,043 | 2 1/2  | 60,958 | 2 1/2  | 72,866 | 2 1/2  | 84,745 | 2 1/2  | 96,662  | 2 1/2  | 108,580 |
| 2 3/4  | 1,926  | 2 3/4  | 13,855 | 2 3/4  | 25,785 | 2 3/4  | 37,412 | 2 3/4  | 49,291 | 2 3/4  | 61,204 | 2 3/4  | 73,113 | 2 3/4  | 84,993 | 2 3/4  | 96,911  | 2 3/4  | 108,829 |
| 3      | 2,164  | 3      | 14,104 | 3      | 26,033 | 3      | 37,651 | 3      | 49,539 | 3      | 61,452 | 3      | 73,360 | 3      | 85,241 | 3      | 97,159  | 3      | 109,077 |
| 3 1/4  | 2,412  | 3 1/4  | 14,352 | 3 1/4  | 26,281 | 3 1/4  | 37,893 | 3 1/4  | 49,787 | 3 1/4  | 61,700 | 3 1/4  | 73,608 | 3 1/4  | 85,490 | 3 1/4  | 97,407  | 3 1/4  | 109,325 |
| 3 1/2  | 2,660  | 3 1/2  | 14,601 | 3 1/2  | 26,530 | 3 1/2  | 38,135 | 3 1/2  | 50,035 | 3 1/2  | 61,948 | 3 1/2  | 73,855 | 3 1/2  | 85,738 | 3 1/2  | 97,656  | 3 1/2  | 109,573 |
| 3 3/4  | 2,908  | 3 3/4  | 14,850 | 3 3/4  | 26,778 | 3 3/4  | 38,377 | 3 3/4  | 50,284 | 3 3/4  | 62,197 | 3 3/4  | 74,102 | 3 3/4  | 85,986 | 3 3/4  | 97,904  | 3 3/4  | 109,822 |
| 4      | 3,156  | 4      | 15,099 | 4      | 27,026 | 4      | 38,619 | 4      | 50,532 | 4      | 62,445 | 4      | 74,349 | 4      | 86,234 | 4      | 98,152  | 4      | 110,070 |
| 4 1/4  | 3,404  | 4 1/4  | 15,347 | 4 1/4  | 27,275 | 4 1/4  | 38,867 | 4 1/4  | 50,780 | 4 1/4  | 62,693 | 4 1/4  | 74,597 | 4 1/4  | 86,483 | 4 1/4  | 98,401  | 4 1/4  | 110,318 |
| 4 1/2  | 3,653  | 4 1/2  | 15,596 | 4 1/2  | 27,523 | 4 1/2  | 39,115 | 4 1/2  | 51,028 | 4 1/2  | 62,941 | 4 1/2  | 74,844 | 4 1/2  | 86,731 | 4 1/2  | 98,649  | 4 1/2  | 110,567 |
| 4 3/4  | 3,902  | 4 3/4  | 15,845 | 4 3/4  | 27,771 | 4 3/4  | 39,363 | 4 3/4  | 51,278 | 4 3/4  | 63,189 | 4 3/4  | 75,091 | 4 3/4  | 86,979 | 4 3/4  | 98,897  | 4 3/4  | 110,815 |
| 5      | 4,150  | 5      | 16,094 | 5      | 28,020 | 5      | 39,611 | 5      | 51,525 | 5      | 63,438 | 5      | 75,338 | 5      | 87,228 | 5      | 99,145  | 5      | 111,063 |
| 5 1/4  | 4,399  | 5 1/4  | 16,343 | 5 1/4  | 28,268 | 5 1/4  | 39,860 | 5 1/4  | 51,773 | 5 1/4  | 63,686 | 5 1/4  | 75,585 | 5 1/4  | 87,476 | 5 1/4  | 99,394  | 5 1/4  | 111,311 |
| 5 1/2  | 4,648  | 5 1/2  | 16,591 | 5 1/2  | 28,517 | 5 1/2  | 40,108 | 5 1/2  | 52,021 | 5 1/2  | 63,934 | 5 1/2  | 75,833 | 5 1/2  | 87,724 | 5 1/2  | 99,642  | 5 1/2  | 111,560 |
| 5 3/4  | 4,897  | 5 3/4  | 16,840 | 5 3/4  | 28,766 | 5 3/4  | 40,356 | 5 3/4  | 52,269 | 5 3/4  | 64,182 | 5 3/4  | 76,080 | 5 3/4  | 87,972 | 5 3/4  | 99,890  | 5 3/4  | 111,808 |
| 6      | 5,146  | 6      | 17,089 | 6      | 29,006 | 6      | 40,604 | 6      | 52,517 | 6      | 64,430 | 6      | 76,327 | 6      | 88,221 | 6      | 100,139 | 6      | 112,056 |
| 6 1/4  | 5,394  | 6 1/4  | 17,338 | 6 1/4  | 29,248 | 6 1/4  | 40,852 | 6 1/4  | 52,765 | 6 1/4  | 64,679 | 6 1/4  | 76,574 | 6 1/4  | 88,469 | 6 1/4  | 100,387 | 6 1/4  | 112,305 |
| 6 1/2  | 5,643  | 6 1/2  | 17,587 | 6 1/2  | 29,490 | 6 1/2  | 41,101 | 6 1/2  | 53,014 | 6 1/2  | 64,927 | 6 1/2  | 76,822 | 6 1/2  | 88,717 | 6 1/2  | 100,635 | 6 1/2  | 112,553 |
| 6 3/4  | 5,892  | 6 3/4  | 17,836 | 6 3/4  | 29,732 | 6 3/4  | 41,349 | 6 3/4  | 53,262 | 6 3/4  | 65,175 | 6 3/4  | 77,069 | 6 3/4  | 88,966 | 6 3/4  | 100,883 | 6 3/4  | 112,801 |
| 7      | 6,141  | 7      | 18,084 | 7      | 29,974 | 7      | 41,597 | 7      | 53,510 | 7      | 65,423 | 7      | 77,316 | 7      | 89,214 | 7      | 101,132 | 7      | 113,049 |
| 7 1/4  | 6,390  | 7 1/4  | 18,333 | 7 1/4  | 30,215 | 7 1/4  | 41,845 | 7 1/4  | 53,758 | 7 1/4  | 65,671 | 7 1/4  | 77,563 | 7 1/4  | 89,462 | 7 1/4  | 101,380 | 7 1/4  | 113,298 |
| 7 1/2  | 6,639  | 7 1/2  | 18,582 | 7 1/2  | 30,457 | 7 1/2  | 42,093 | 7 1/2  | 54,006 | 7 1/2  | 65,919 | 7 1/2  | 77,811 | 7 1/2  | 89,710 | 7 1/2  | 101,628 | 7 1/2  | 113,546 |
| 7 3/4  | 6,887  | 7 3/4  | 18,831 | 7 3/4  | 30,698 | 7 3/4  | 42,342 | 7 3/4  | 54,254 | 7 3/4  | 66,168 | 7 3/4  | 78,058 | 7 3/4  | 89,959 | 7 3/4  | 101,877 | 7 3/4  | 113,794 |
| 8      | 7,136  | 8      | 19,079 | 8      | 30,939 | 8      | 42,590 | 8      | 54,503 | 8      | 66,416 | 8      | 78,305 | 8      | 90,207 | 8      | 102,125 | 8      | 114,043 |
| 8 1/4  | 7,385  | 8 1/4  | 19,328 | 8 1/4  | 31,179 | 8 1/4  | 42,838 | 8 1/4  | 54,751 | 8 1/4  | 66,664 | 8 1/4  | 78,552 | 8 1/4  | 90,455 | 8 1/4  | 102,373 | 8 1/4  | 114,291 |
| 8 1/2  | 7,634  | 8 1/2  | 19,576 | 8 1/2  | 31,419 | 8 1/2  | 43,086 | 8 1/2  | 54,999 | 8 1/2  | 66,912 | 8 1/2  | 78,799 | 8 1/2  | 90,704 | 8 1/2  | 102,621 | 8 1/2  | 114,539 |
| 8 3/4  | 7,883  | 8 3/4  | 19,824 | 8 3/4  | 31,658 | 8 3/4  | 43,334 | 8 3/4  | 55,247 | 8 3/4  | 67,160 | 8 3/4  | 79,047 | 8 3/4  | 90,952 | 8 3/4  | 102,870 | 8 3/4  | 114,787 |
| 9      | 8,132  | 9      | 20,073 | 9      | 31,898 | 9      | 43,582 | 9      | 55,496 | 9      | 67,409 | 9      | 79,294 | 9      | 91,200 | 9      | 103,118 | 9      | 115,036 |
| 9 1/4  | 8,380  | 9 1/4  | 20,321 | 9 1/4  | 32,138 | 9 1/4  | 43,831 | 9 1/4  | 55,744 | 9 1/4  | 67,657 | 9 1/4  | 79,541 | 9 1/4  | 91,448 | 9 1/4  | 103,366 | 9 1/4  | 115,284 |
| 9 1/2  | 8,629  | 9 1/2  | 20,569 | 9 1/2  | 32,378 | 9 1/2  | 44,079 | 9 1/2  | 55,992 | 9 1/2  | 67,905 | 9 1/2  | 79,788 | 9 1/2  | 91,697 | 9 1/2  | 103,615 | 9 1/2  | 115,532 |
| 9 3/4  | 8,878  | 9 3/4  | 20,818 | 9 3/4  | 32,617 | 9 3/4  | 44,327 | 9 3/4  | 56,240 | 9 3/4  | 68,153 | 9 3/4  | 80,036 | 9 3/4  | 91,945 | 9 3/4  | 103,863 | 9 3/4  | 115,780 |
| 10     | 9,127  | 10     | 21,066 | 10     | 32,857 | 10     | 44,575 | 10     | 56,488 | 10     | 68,401 | 10     | 80,283 | 10     | 92,193 | 10     | 104,111 | 10     | 116,029 |
| 10 1/4 | 9,376  | 10 1/4 | 21,314 | 10 1/4 | 33,097 | 10 1/4 | 44,823 | 10 1/4 | 56,736 | 10 1/4 | 68,650 | 10 1/4 | 80,530 | 10 1/4 | 92,442 | 10 1/4 | 104,359 | 10 1/4 | 116,276 |
| 10 1/2 | 9,625  | 10 1/2 | 21,563 | 10 1/2 | 33,336 | 10 1/2 | 45,072 | 10 1/2 | 56,985 | 10 1/2 | 68,898 | 10 1/2 | 80,777 | 10 1/2 | 92,690 | 10 1/2 | 104,608 | 10 1/2 | 116,524 |
| 10 3/4 | 9,873  | 10 3/4 | 21,811 | 10 3/4 | 33,576 | 10 3/4 | 45,320 | 10 3/4 | 57,233 | 10 3/4 | 69,146 | 10 3/4 | 81,025 | 10 3/4 | 92,938 | 10 3/4 | 104,856 | 10 3/4 | 116,772 |
| 11     | 10,122 | 11     | 22,059 | 11     | 33,818 | 11     | 45,568 | 11     | 57,481 | 11     | 69,394 | 11     | 81,272 | 11     | 93,186 | 11     | 105,104 | 11     | 117,020 |
| 11 1/4 | 10,371 | 11 1/4 | 22,308 | 11 1/4 | 34,056 | 11 1/4 | 45,816 | 11 1/4 | 57,729 | 11 1/4 | 69,642 | 11 1/4 | 81,519 | 11 1/4 | 93,435 | 11 1/4 | 105,353 | 11 1/4 | 117,268 |
| 11 1/2 | 10,620 | 11 1/2 | 22,556 | 11 1/2 | 34,295 | 11 1/2 | 46,064 | 11 1/2 | 57,977 | 11 1/2 | 69,891 | 11 1/2 | 81,767 | 11 1/2 | 93,683 | 11 1/2 | 105,601 | 11 1/2 | 117,516 |
| 11 3/4 | 10,869 | 11 3/4 | 22,804 | 11 3/4 | 34,535 | 11 3/4 | 46,313 | 11 3/4 | 58,226 | 11 3/4 | 70,139 | 11 3/4 | 82,014 | 11 3/4 | 93,931 | 11 3/4 | 105,849 | 11 3/4 | 117,764 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NPMHS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP 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  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77688  
http://www.pmaoerp.net



# BARGE "IB 1305"

## 1 CENTER INNAGE 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      | 118,012 | 0      | 129,093 | 0      | 139,287 | 0      | 149,481 | 0      | 159,675 | 0      | 169,842 | 0     |        | 0  |        |    |        |    |        |
| 1/4    | 118,260 | 1/4    | 129,306 | 1/4    | 139,500 | 1/4    | 149,694 | 1/4    | 159,887 | 1/4    | 169,987 | 1/4   |        |    |        |    |        |    |        |
| 1/2    | 118,508 | 1/2    | 129,518 | 1/2    | 139,712 | 1/2    | 149,906 | 1/2    | 160,100 | 1/2    | 170,132 | 1/2   |        |    |        |    |        |    |        |
| 3/4    | 118,756 | 3/4    | 129,730 | 3/4    | 139,924 | 3/4    | 150,118 | 3/4    | 160,312 | 3/4    | 170,277 | 3/4   |        |    |        |    |        |    |        |
| 1      | 119,004 | 1      | 129,943 | 1      | 140,137 | 1      | 150,331 | 1      | 160,525 | 1      | 170,422 | 1     |        |    |        |    |        |    |        |
| 1 1/4  | 119,252 | 1 1/4  | 130,155 | 1 1/4  | 140,349 | 1 1/4  | 150,543 | 1 1/4  | 160,737 | 1 1/4  | 170,490 | 1 1/4 |        |    |        |    |        |    |        |
| 1 1/2  | 119,500 | 1 1/2  | 130,368 | 1 1/2  | 140,561 | 1 1/2  | 150,755 | 1 1/2  | 160,949 | 1 1/2  | 170,567 | 1 1/2 |        |    |        |    |        |    |        |
| 1 3/4  | 119,748 | 1 3/4  | 130,580 | 1 3/4  | 140,774 | 1 3/4  | 150,968 | 1 3/4  | 161,162 | 1 3/4  | 170,624 | 1 3/4 |        |    |        |    |        |    |        |
| 2      | 119,996 | 2      | 130,792 | 2      | 140,986 | 2      | 151,180 | 2      | 161,374 | 2      | 170,692 | 2     |        |    |        |    |        |    |        |
| 2 1/4  | 120,243 | 2 1/4  | 131,005 | 2 1/4  | 141,199 | 2 1/4  | 151,392 | 2 1/4  | 161,566 | 2 1/4  | 170,712 | 2 1/4 |        |    |        |    |        |    |        |
| 2 1/2  | 120,491 | 2 1/2  | 131,217 | 2 1/2  | 141,411 | 2 1/2  | 151,605 | 2 1/2  | 161,799 | 2 1/2  |         |       |        |    |        |    |        |    |        |
| 2 3/4  | 120,739 | 2 3/4  | 131,429 | 2 3/4  | 141,623 | 2 3/4  | 151,817 | 2 3/4  | 162,011 | 2 3/4  |         |       |        |    |        |    |        |    |        |
| 3      | 120,987 | 3      | 131,642 | 3      | 141,836 | 3      | 152,030 | 3      | 162,224 | 3      |         |       |        |    |        |    |        |    |        |
| 3 1/4  | 121,235 | 3 1/4  | 131,854 | 3 1/4  | 142,048 | 3 1/4  | 152,242 | 3 1/4  | 162,436 | 3 1/4  |         |       |        |    |        |    |        |    |        |
| 3 1/2  | 121,483 | 3 1/2  | 132,067 | 3 1/2  | 142,260 | 3 1/2  | 152,454 | 3 1/2  | 162,648 | 3 1/2  |         |       |        |    |        |    |        |    |        |
| 3 3/4  | 121,731 | 3 3/4  | 132,279 | 3 3/4  | 142,473 | 3 3/4  | 152,667 | 3 3/4  | 162,861 | 3 3/4  |         |       |        |    |        |    |        |    |        |
| 4      | 121,979 | 4      | 132,491 | 4      | 142,685 | 4      | 152,879 | 4      | 163,073 | 4      |         |       |        |    |        |    |        |    |        |
| 4 1/4  | 122,227 | 4 1/4  | 132,704 | 4 1/4  | 142,898 | 4 1/4  | 153,091 | 4 1/4  | 163,285 | 4 1/4  |         |       |        |    |        |    |        |    |        |
| 4 1/2  | 122,475 | 4 1/2  | 132,916 | 4 1/2  | 143,110 | 4 1/2  | 153,304 | 4 1/2  | 163,498 | 4 1/2  |         |       |        |    |        |    |        |    |        |
| 4 3/4  | 122,723 | 4 3/4  | 133,128 | 4 3/4  | 143,322 | 4 3/4  | 153,516 | 4 3/4  | 163,710 | 4 3/4  |         |       |        |    |        |    |        |    |        |
| 5      | 122,971 | 5      | 133,341 | 5      | 143,535 | 5      | 153,729 | 5      | 163,923 | 5      |         |       |        |    |        |    |        |    |        |
| 5 1/4  | 123,214 | 5 1/4  | 133,553 | 5 1/4  | 143,747 | 5 1/4  | 153,941 | 5 1/4  | 164,135 | 5 1/4  |         |       |        |    |        |    |        |    |        |
| 5 1/2  | 123,458 | 5 1/2  | 133,766 | 5 1/2  | 143,959 | 5 1/2  | 154,153 | 5 1/2  | 164,347 | 5 1/2  |         |       |        |    |        |    |        |    |        |
| 5 3/4  | 123,701 | 5 3/4  | 133,978 | 5 3/4  | 144,172 | 5 3/4  | 154,366 | 5 3/4  | 164,560 | 5 3/4  |         |       |        |    |        |    |        |    |        |
| 6      | 123,944 | 6      | 134,190 | 6      | 144,384 | 6      | 154,578 | 6      | 164,772 | 6      |         |       |        |    |        |    |        |    |        |
| 6 1/4  | 124,170 | 6 1/4  | 134,403 | 6 1/4  | 144,597 | 6 1/4  | 154,790 | 6 1/4  | 164,984 | 6 1/4  |         |       |        |    |        |    |        |    |        |
| 6 1/2  | 124,395 | 6 1/2  | 134,615 | 6 1/2  | 144,809 | 6 1/2  | 155,003 | 6 1/2  | 165,197 | 6 1/2  |         |       |        |    |        |    |        |    |        |
| 6 3/4  | 124,620 | 6 3/4  | 134,827 | 6 3/4  | 145,021 | 6 3/4  | 155,215 | 6 3/4  | 165,409 | 6 3/4  |         |       |        |    |        |    |        |    |        |
| 7      | 124,846 | 7      | 135,040 | 7      | 145,234 | 7      | 155,428 | 7      | 165,621 | 7      |         |       |        |    |        |    |        |    |        |
| 7 1/4  | 125,058 | 7 1/4  | 135,252 | 7 1/4  | 145,446 | 7 1/4  | 155,640 | 7 1/4  | 165,834 | 7 1/4  |         |       |        |    |        |    |        |    |        |
| 7 1/2  | 125,271 | 7 1/2  | 135,465 | 7 1/2  | 145,658 | 7 1/2  | 155,852 | 7 1/2  | 166,046 | 7 1/2  |         |       |        |    |        |    |        |    |        |
| 7 3/4  | 125,483 | 7 3/4  | 135,677 | 7 3/4  | 145,871 | 7 3/4  | 156,065 | 7 3/4  | 166,259 | 7 3/4  |         |       |        |    |        |    |        |    |        |
| 8      | 125,695 | 8      | 135,889 | 8      | 146,083 | 8      | 156,277 | 8      | 166,471 | 8      |         |       |        |    |        |    |        |    |        |
| 8 1/4  | 125,908 | 8 1/4  | 136,102 | 8 1/4  | 146,296 | 8 1/4  | 156,489 | 8 1/4  | 166,683 | 8 1/4  |         |       |        |    |        |    |        |    |        |
| 8 1/2  | 126,120 | 8 1/2  | 136,314 | 8 1/2  | 146,508 | 8 1/2  | 156,702 | 8 1/2  | 166,896 | 8 1/2  |         |       |        |    |        |    |        |    |        |
| 8 3/4  | 126,332 | 8 3/4  | 136,528 | 8 3/4  | 146,720 | 8 3/4  | 156,914 | 8 3/4  | 167,108 | 8 3/4  |         |       |        |    |        |    |        |    |        |
| 9      | 126,545 | 9      | 136,739 | 9      | 146,933 | 9      | 157,127 | 9      | 167,320 | 9      |         |       |        |    |        |    |        |    |        |
| 9 1/4  | 126,757 | 9 1/4  | 136,951 | 9 1/4  | 147,145 | 9 1/4  | 157,339 | 9 1/4  | 167,532 | 9 1/4  |         |       |        |    |        |    |        |    |        |
| 9 1/2  | 126,970 | 9 1/2  | 137,163 | 9 1/2  | 147,357 | 9 1/2  | 157,551 | 9 1/2  | 167,744 | 9 1/2  |         |       |        |    |        |    |        |    |        |
| 9 3/4  | 127,182 | 9 3/4  | 137,376 | 9 3/4  | 147,570 | 9 3/4  | 157,764 | 9 3/4  | 167,956 | 9 3/4  |         |       |        |    |        |    |        |    |        |
| 10     | 127,394 | 10     | 137,588 | 10     | 147,782 | 10     | 157,976 | 10     | 168,168 | 10     |         |       |        |    |        |    |        |    |        |
| 10 1/4 | 127,607 | 10 1/4 | 137,801 | 10 1/4 | 147,995 | 10 1/4 | 158,188 | 10 1/4 | 168,381 | 10 1/4 |         |       |        |    |        |    |        |    |        |
| 10 1/2 | 127,819 | 10 1/2 | 138,013 | 10 1/2 | 148,207 | 10 1/2 | 158,401 | 10 1/2 | 168,594 | 10 1/2 |         |       |        |    |        |    |        |    |        |
| 10 3/4 | 128,031 | 10 3/4 | 138,225 | 10 3/4 | 148,419 | 10 3/4 | 158,613 | 10 3/4 | 168,807 | 10 3/4 |         |       |        |    |        |    |        |    |        |
| 11     | 128,244 | 11     | 138,438 | 11     | 148,632 | 11     | 158,826 | 11     | 169,020 | 11     |         |       |        |    |        |    |        |    |        |
| 11 1/4 | 128,456 | 11 1/4 | 138,650 | 11 1/4 | 148,844 | 11 1/4 | 159,038 | 11 1/4 | 169,225 | 11 1/4 |         |       |        |    |        |    |        |    |        |
| 11 1/2 | 128,668 | 11 1/2 | 138,862 | 11 1/2 | 149,056 | 11 1/2 | 159,250 | 11 1/2 | 169,431 | 11 1/2 |         |       |        |    |        |    |        |    |        |
| 11 3/4 | 128,881 | 11 3/4 | 139,075 | 11 3/4 | 149,269 | 11 3/4 | 159,463 | 11 3/4 | 169,636 | 11 3/4 |         |       |        |    |        |    |        |    |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2019 CL  
CALCULATED: 08/28/2019 CL  
PRINTED: 08/27/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2082  
Pearland, Texas 77588  
http://www.pmacorp.net



# BARGE "IB 1305"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02 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      | 74    | 0      | 8,443  | 0      | 19,722 | 0      | 29,842 | 0      | 40,027 | 0      | 50,308 | 0      | 60,585 | 0      | 70,865 | 0      | 81,144 | 0      | 91,423  |
| 1/4    | 138   | 1/4    | 8,657  | 1/4    | 19,936 | 1/4    | 30,049 | 1/4    | 40,241 | 1/4    | 50,520 | 1/4    | 60,800 | 1/4    | 71,079 | 1/4    | 81,358 | 1/4    | 91,637  |
| 1/2    | 202   | 1/2    | 8,871  | 1/2    | 20,150 | 1/2    | 30,257 | 1/2    | 40,455 | 1/2    | 50,734 | 1/2    | 61,014 | 1/2    | 71,293 | 1/2    | 81,572 | 1/2    | 91,852  |
| 3/4    | 266   | 3/4    | 10,085 | 3/4    | 20,364 | 3/4    | 30,465 | 3/4    | 40,669 | 3/4    | 50,949 | 3/4    | 61,228 | 3/4    | 71,507 | 3/4    | 81,786 | 3/4    | 92,066  |
| 1      | 331   | 1      | 10,299 | 1      | 20,578 | 1      | 30,673 | 1      | 40,883 | 1      | 51,163 | 1      | 61,442 | 1      | 71,721 | 1      | 82,001 | 1      | 92,280  |
| 1 1/4  | 478   | 1 1/4  | 10,514 | 1 1/4  | 20,792 | 1 1/4  | 30,881 | 1 1/4  | 41,088 | 1 1/4  | 51,377 | 1 1/4  | 61,658 | 1 1/4  | 71,935 | 1 1/4  | 82,215 | 1 1/4  | 92,494  |
| 1 1/2  | 624   | 1 1/2  | 10,728 | 1 1/2  | 21,007 | 1 1/2  | 31,089 | 1 1/2  | 41,312 | 1 1/2  | 51,591 | 1 1/2  | 61,870 | 1 1/2  | 72,150 | 1 1/2  | 82,429 | 1 1/2  | 92,708  |
| 1 3/4  | 771   | 1 3/4  | 10,942 | 1 3/4  | 21,221 | 1 3/4  | 31,297 | 1 3/4  | 41,528 | 1 3/4  | 51,805 | 1 3/4  | 62,085 | 1 3/4  | 72,364 | 1 3/4  | 82,643 | 1 3/4  | 92,922  |
| 2      | 918   | 2      | 11,156 | 2      | 21,435 | 2      | 31,505 | 2      | 41,740 | 2      | 52,019 | 2      | 62,299 | 2      | 72,578 | 2      | 82,857 | 2      | 93,136  |
| 2 1/4  | 1,123 | 2 1/4  | 11,370 | 2 1/4  | 21,649 | 2 1/4  | 31,713 | 2 1/4  | 41,954 | 2 1/4  | 52,234 | 2 1/4  | 62,513 | 2 1/4  | 72,792 | 2 1/4  | 83,071 | 2 1/4  | 93,351  |
| 2 1/2  | 1,328 | 2 1/2  | 11,584 | 2 1/2  | 21,863 | 2 1/2  | 31,920 | 2 1/2  | 42,168 | 2 1/2  | 52,448 | 2 1/2  | 62,727 | 2 1/2  | 73,006 | 2 1/2  | 83,286 | 2 1/2  | 93,565  |
| 2 3/4  | 1,533 | 2 3/4  | 11,798 | 2 3/4  | 22,077 | 2 3/4  | 32,128 | 2 3/4  | 42,363 | 2 3/4  | 52,662 | 2 3/4  | 62,941 | 2 3/4  | 73,220 | 2 3/4  | 83,500 | 2 3/4  | 93,779  |
| 3      | 1,738 | 3      | 12,013 | 3      | 22,291 | 3      | 32,336 | 3      | 42,597 | 3      | 52,876 | 3      | 63,155 | 3      | 73,436 | 3      | 83,714 | 3      | 93,993  |
| 3 1/4  | 1,951 | 3 1/4  | 12,227 | 3 1/4  | 22,506 | 3 1/4  | 32,546 | 3 1/4  | 42,811 | 3 1/4  | 53,090 | 3 1/4  | 63,369 | 3 1/4  | 73,649 | 3 1/4  | 83,928 | 3 1/4  | 94,207  |
| 3 1/2  | 2,164 | 3 1/2  | 12,441 | 3 1/2  | 22,720 | 3 1/2  | 32,755 | 3 1/2  | 43,025 | 3 1/2  | 53,304 | 3 1/2  | 63,588 | 3 1/2  | 73,883 | 3 1/2  | 84,142 | 3 1/2  | 94,421  |
| 3 3/4  | 2,378 | 3 3/4  | 12,655 | 3 3/4  | 22,934 | 3 3/4  | 32,966 | 3 3/4  | 43,239 | 3 3/4  | 53,518 | 3 3/4  | 63,799 | 3 3/4  | 74,077 | 3 3/4  | 84,356 | 3 3/4  | 94,636  |
| 4      | 2,591 | 4      | 12,869 | 4      | 23,148 | 4      | 33,174 | 4      | 43,453 | 4      | 53,733 | 4      | 64,012 | 4      | 74,291 | 4      | 84,570 | 4      | 94,850  |
| 4 1/4  | 2,805 | 4 1/4  | 13,083 | 4 1/4  | 23,362 | 4 1/4  | 33,388 | 4 1/4  | 43,667 | 4 1/4  | 53,947 | 4 1/4  | 64,226 | 4 1/4  | 74,505 | 4 1/4  | 84,785 | 4 1/4  | 95,064  |
| 4 1/2  | 3,019 | 4 1/2  | 13,297 | 4 1/2  | 23,576 | 4 1/2  | 33,602 | 4 1/2  | 43,882 | 4 1/2  | 54,161 | 4 1/2  | 64,440 | 4 1/2  | 74,719 | 4 1/2  | 84,999 | 4 1/2  | 95,278  |
| 4 3/4  | 3,233 | 4 3/4  | 13,512 | 4 3/4  | 23,790 | 4 3/4  | 33,816 | 4 3/4  | 44,096 | 4 3/4  | 54,375 | 4 3/4  | 64,654 | 4 3/4  | 74,934 | 4 3/4  | 85,213 | 4 3/4  | 95,492  |
| 5      | 3,447 | 5      | 13,726 | 5      | 24,005 | 5      | 34,031 | 5      | 44,310 | 5      | 54,599 | 5      | 64,868 | 5      | 75,148 | 5      | 85,427 | 5      | 95,706  |
| 5 1/4  | 3,661 | 5 1/4  | 13,940 | 5 1/4  | 24,217 | 5 1/4  | 34,245 | 5 1/4  | 44,524 | 5 1/4  | 54,803 | 5 1/4  | 65,083 | 5 1/4  | 75,362 | 5 1/4  | 85,641 | 5 1/4  | 95,920  |
| 5 1/2  | 3,875 | 5 1/2  | 14,154 | 5 1/2  | 24,430 | 5 1/2  | 34,459 | 5 1/2  | 44,738 | 5 1/2  | 55,018 | 5 1/2  | 65,297 | 5 1/2  | 75,576 | 5 1/2  | 85,855 | 5 1/2  | 96,135  |
| 5 3/4  | 4,089 | 5 3/4  | 14,368 | 5 3/4  | 24,642 | 5 3/4  | 34,673 | 5 3/4  | 44,952 | 5 3/4  | 55,232 | 5 3/4  | 65,511 | 5 3/4  | 75,790 | 5 3/4  | 86,069 | 5 3/4  | 96,349  |
| 6      | 4,303 | 6      | 14,582 | 6      | 24,855 | 6      | 34,887 | 6      | 45,167 | 6      | 55,446 | 6      | 65,725 | 6      | 76,004 | 6      | 86,284 | 6      | 96,563  |
| 6 1/4  | 4,518 | 6 1/4  | 14,796 | 6 1/4  | 25,062 | 6 1/4  | 35,101 | 6 1/4  | 45,381 | 6 1/4  | 55,660 | 6 1/4  | 65,939 | 6 1/4  | 76,219 | 6 1/4  | 86,498 | 6 1/4  | 96,777  |
| 6 1/2  | 4,732 | 6 1/2  | 15,011 | 6 1/2  | 25,270 | 6 1/2  | 35,316 | 6 1/2  | 45,595 | 6 1/2  | 55,874 | 6 1/2  | 66,153 | 6 1/2  | 76,433 | 6 1/2  | 86,712 | 6 1/2  | 96,991  |
| 6 3/4  | 4,946 | 6 3/4  | 15,225 | 6 3/4  | 25,477 | 6 3/4  | 35,530 | 6 3/4  | 45,809 | 6 3/4  | 56,088 | 6 3/4  | 66,368 | 6 3/4  | 76,647 | 6 3/4  | 86,926 | 6 3/4  | 97,205  |
| 7      | 5,160 | 7      | 15,439 | 7      | 25,685 | 7      | 35,744 | 7      | 46,023 | 7      | 56,302 | 7      | 66,582 | 7      | 76,861 | 7      | 87,140 | 7      | 97,420  |
| 7 1/4  | 5,374 | 7 1/4  | 15,653 | 7 1/4  | 25,893 | 7 1/4  | 35,958 | 7 1/4  | 46,237 | 7 1/4  | 56,517 | 7 1/4  | 66,796 | 7 1/4  | 77,075 | 7 1/4  | 87,354 | 7 1/4  | 97,634  |
| 7 1/2  | 5,588 | 7 1/2  | 15,867 | 7 1/2  | 26,100 | 7 1/2  | 36,172 | 7 1/2  | 46,451 | 7 1/2  | 56,731 | 7 1/2  | 67,010 | 7 1/2  | 77,289 | 7 1/2  | 87,569 | 7 1/2  | 97,848  |
| 7 3/4  | 5,802 | 7 3/4  | 16,081 | 7 3/4  | 26,308 | 7 3/4  | 36,386 | 7 3/4  | 46,665 | 7 3/4  | 56,945 | 7 3/4  | 67,224 | 7 3/4  | 77,503 | 7 3/4  | 87,783 | 7 3/4  | 98,062  |
| 8      | 6,017 | 8      | 16,295 | 8      | 26,516 | 8      | 36,600 | 8      | 46,880 | 8      | 57,169 | 8      | 67,438 | 8      | 77,718 | 8      | 87,997 | 8      | 98,276  |
| 8 1/4  | 6,231 | 8 1/4  | 16,510 | 8 1/4  | 26,724 | 8 1/4  | 36,815 | 8 1/4  | 47,094 | 8 1/4  | 57,373 | 8 1/4  | 67,652 | 8 1/4  | 77,932 | 8 1/4  | 88,211 | 8 1/4  | 98,490  |
| 8 1/2  | 6,445 | 8 1/2  | 16,724 | 8 1/2  | 26,932 | 8 1/2  | 37,029 | 8 1/2  | 47,308 | 8 1/2  | 57,587 | 8 1/2  | 67,867 | 8 1/2  | 78,146 | 8 1/2  | 88,425 | 8 1/2  | 98,704  |
| 8 3/4  | 6,659 | 8 3/4  | 16,938 | 8 3/4  | 27,139 | 8 3/4  | 37,243 | 8 3/4  | 47,522 | 8 3/4  | 57,801 | 8 3/4  | 68,081 | 8 3/4  | 78,360 | 8 3/4  | 88,639 | 8 3/4  | 98,919  |
| 9      | 6,873 | 9      | 17,152 | 9      | 27,347 | 9      | 37,457 | 9      | 47,736 | 9      | 58,016 | 9      | 68,296 | 9      | 78,574 | 9      | 88,853 | 9      | 99,133  |
| 9 1/4  | 7,087 | 9 1/4  | 17,366 | 9 1/4  | 27,555 | 9 1/4  | 37,671 | 9 1/4  | 47,951 | 9 1/4  | 58,230 | 9 1/4  | 68,509 | 9 1/4  | 78,788 | 9 1/4  | 89,068 | 9 1/4  | 99,347  |
| 9 1/2  | 7,301 | 9 1/2  | 17,580 | 9 1/2  | 27,763 | 9 1/2  | 37,886 | 9 1/2  | 48,165 | 9 1/2  | 58,444 | 9 1/2  | 68,723 | 9 1/2  | 79,002 | 9 1/2  | 89,282 | 9 1/2  | 99,561  |
| 9 3/4  | 7,515 | 9 3/4  | 17,794 | 9 3/4  | 27,971 | 9 3/4  | 38,100 | 9 3/4  | 48,379 | 9 3/4  | 58,658 | 9 3/4  | 68,937 | 9 3/4  | 79,217 | 9 3/4  | 89,496 | 9 3/4  | 99,775  |
| 10     | 7,730 | 10     | 18,008 | 10     | 28,179 | 10     | 38,314 | 10     | 48,593 | 10     | 58,872 | 10     | 69,152 | 10     | 79,431 | 10     | 89,710 | 10     | 99,989  |
| 10 1/4 | 7,944 | 10 1/4 | 18,223 | 10 1/4 | 28,387 | 10 1/4 | 38,528 | 10 1/4 | 48,807 | 10 1/4 | 59,086 | 10 1/4 | 69,366 | 10 1/4 | 79,645 | 10 1/4 | 89,924 | 10 1/4 | 100,203 |
| 10 1/2 | 8,158 | 10 1/2 | 18,437 | 10 1/2 | 28,594 | 10 1/2 | 38,742 | 10 1/2 | 49,021 | 10 1/2 | 59,301 | 10 1/2 | 69,580 | 10 1/2 | 79,859 | 10 1/2 | 90,138 | 10 1/2 | 100,418 |
| 10 3/4 | 8,372 | 10 3/4 | 18,651 | 10 3/4 | 28,802 | 10 3/4 | 38,956 | 10 3/4 | 49,235 | 10 3/4 | 59,515 | 10 3/4 | 69,794 | 10 3/4 | 80,073 | 10 3/4 | 90,353 | 10 3/4 | 100,632 |
| 11     | 8,586 | 11     | 18,865 | 11     | 29,010 | 11     | 39,170 | 11     | 49,450 | 11     | 59,729 | 11     | 70,008 | 11     | 80,287 | 11     | 90,567 | 11     | 100,846 |
| 11 1/4 | 8,800 | 11 1/4 | 19,079 | 11 1/4 | 29,218 | 11 1/4 | 39,384 | 11 1/4 | 49,664 | 11 1/4 | 59,943 | 11 1/4 | 70,222 | 11 1/4 | 80,502 | 11 1/4 | 90,781 | 11 1/4 | 101,060 |
| 11 1/2 | 9,015 | 11 1/2 | 19,293 | 11 1/2 | 29,428 | 11 1/2 | 39,599 | 11 1/2 | 49,878 | 11 1/2 | 60,157 | 11 1/2 | 70,436 | 11 1/2 | 80,716 | 11 1/2 | 90,995 | 11 1/2 | 101,274 |
| 11 3/4 | 9,229 | 11 3/4 | 19,508 | 11 3/4 | 29,634 | 11 3/4 | 39,813 | 11 3/4 | 50,082 | 11 3/4 | 60,371 | 11 3/4 | 70,651 | 11 3/4 | 80,930 | 11 3/4 | 91,209 | 11 3/4 | 101,488 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "IB 1305"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 18'-02 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      | 101,703 | 0      | 111,982 | 0      | 122,261 | 0      | 132,540 | 0      | 142,820 | 0      | 152,982 | 0     |        |    |        |    |        |    |        |
| 1/4    | 101,917 | 1/4    | 112,196 | 1/4    | 122,475 | 1/4    | 132,755 | 1/4    | 143,034 | 1/4    | 153,107 | 1/4   |        |    |        |    |        |    |        |
| 1/2    | 102,131 | 1/2    | 112,410 | 1/2    | 122,689 | 1/2    | 132,969 | 1/2    | 143,248 | 1/2    | 153,232 | 1/2   |        |    |        |    |        |    |        |
| 3/4    | 102,345 | 3/4    | 112,624 | 3/4    | 122,904 | 3/4    | 133,183 | 3/4    | 143,462 | 3/4    | 153,356 | 3/4   |        |    |        |    |        |    |        |
| 1      | 102,559 | 1      | 112,838 | 1      | 123,118 | 1      | 133,397 | 1      | 143,676 | 1      | 153,481 | 1     |        |    |        |    |        |    |        |
| 1 1/4  | 102,773 | 1 1/4  | 113,053 | 1 1/4  | 123,332 | 1 1/4  | 133,611 | 1 1/4  | 143,890 | 1 1/4  | 153,539 | 1 1/4 |        |    |        |    |        |    |        |
| 1 1/2  | 102,987 | 1 1/2  | 113,267 | 1 1/2  | 123,546 | 1 1/2  | 133,825 | 1 1/2  | 144,105 | 1 1/2  | 153,597 | 1 1/2 |        |    |        |    |        |    |        |
| 1 3/4  | 103,202 | 1 3/4  | 113,481 | 1 3/4  | 123,760 | 1 3/4  | 134,039 | 1 3/4  | 144,319 | 1 3/4  | 153,655 | 1 3/4 |        |    |        |    |        |    |        |
| 2      | 103,416 | 2      | 113,695 | 2      | 123,974 | 2      | 134,254 | 2      | 144,533 | 2      | 153,713 | 2     |        |    |        |    |        |    |        |
| 2 1/4  | 103,630 | 2 1/4  | 113,909 | 2 1/4  | 124,188 | 2 1/4  | 134,468 | 2 1/4  | 144,747 | 2 1/4  | 153,731 | 2 1/4 |        |    |        |    |        |    |        |
| 2 1/2  | 103,844 | 2 1/2  | 114,123 | 2 1/2  | 124,403 | 2 1/2  | 134,682 | 2 1/2  | 144,961 | 2 1/2  |         |       |        |    |        |    |        |    |        |
| 2 3/4  | 104,058 | 2 3/4  | 114,337 | 2 3/4  | 124,617 | 2 3/4  | 134,896 | 2 3/4  | 145,175 | 2 3/4  |         |       |        |    |        |    |        |    |        |
| 3      | 104,272 | 3      | 114,552 | 3      | 124,831 | 3      | 135,110 | 3      | 145,389 | 3      |         |       |        |    |        |    |        |    |        |
| 3 1/4  | 104,487 | 3 1/4  | 114,766 | 3 1/4  | 125,045 | 3 1/4  | 135,324 | 3 1/4  | 145,604 | 3 1/4  |         |       |        |    |        |    |        |    |        |
| 3 1/2  | 104,701 | 3 1/2  | 114,980 | 3 1/2  | 125,259 | 3 1/2  | 135,538 | 3 1/2  | 145,818 | 3 1/2  |         |       |        |    |        |    |        |    |        |
| 3 3/4  | 104,915 | 3 3/4  | 115,194 | 3 3/4  | 125,473 | 3 3/4  | 135,753 | 3 3/4  | 146,032 | 3 3/4  |         |       |        |    |        |    |        |    |        |
| 4      | 105,129 | 4      | 115,408 | 4      | 125,688 | 4      | 135,967 | 4      | 146,246 | 4      |         |       |        |    |        |    |        |    |        |
| 4 1/4  | 105,343 | 4 1/4  | 115,622 | 4 1/4  | 125,902 | 4 1/4  | 136,181 | 4 1/4  | 146,460 | 4 1/4  |         |       |        |    |        |    |        |    |        |
| 4 1/2  | 105,557 | 4 1/2  | 115,837 | 4 1/2  | 126,116 | 4 1/2  | 136,395 | 4 1/2  | 146,674 | 4 1/2  |         |       |        |    |        |    |        |    |        |
| 4 3/4  | 105,771 | 4 3/4  | 116,051 | 4 3/4  | 126,330 | 4 3/4  | 136,609 | 4 3/4  | 146,889 | 4 3/4  |         |       |        |    |        |    |        |    |        |
| 5      | 105,985 | 5      | 116,265 | 5      | 126,544 | 5      | 136,823 | 5      | 147,103 | 5      |         |       |        |    |        |    |        |    |        |
| 5 1/4  | 106,200 | 5 1/4  | 116,479 | 5 1/4  | 126,758 | 5 1/4  | 137,038 | 5 1/4  | 147,317 | 5 1/4  |         |       |        |    |        |    |        |    |        |
| 5 1/2  | 106,414 | 5 1/2  | 116,693 | 5 1/2  | 126,972 | 5 1/2  | 137,252 | 5 1/2  | 147,531 | 5 1/2  |         |       |        |    |        |    |        |    |        |
| 5 3/4  | 106,628 | 5 3/4  | 116,907 | 5 3/4  | 127,187 | 5 3/4  | 137,466 | 5 3/4  | 147,745 | 5 3/4  |         |       |        |    |        |    |        |    |        |
| 6      | 106,842 | 6      | 117,121 | 6      | 127,401 | 6      | 137,680 | 6      | 147,959 | 6      |         |       |        |    |        |    |        |    |        |
| 6 1/4  | 107,056 | 6 1/4  | 117,336 | 6 1/4  | 127,615 | 6 1/4  | 137,894 | 6 1/4  | 148,173 | 6 1/4  |         |       |        |    |        |    |        |    |        |
| 6 1/2  | 107,270 | 6 1/2  | 117,550 | 6 1/2  | 127,829 | 6 1/2  | 138,108 | 6 1/2  | 148,388 | 6 1/2  |         |       |        |    |        |    |        |    |        |
| 6 3/4  | 107,485 | 6 3/4  | 117,764 | 6 3/4  | 128,043 | 6 3/4  | 138,322 | 6 3/4  | 148,602 | 6 3/4  |         |       |        |    |        |    |        |    |        |
| 7      | 107,699 | 7      | 117,978 | 7      | 128,257 | 7      | 138,537 | 7      | 148,816 | 7      |         |       |        |    |        |    |        |    |        |
| 7 1/4  | 107,913 | 7 1/4  | 118,192 | 7 1/4  | 128,472 | 7 1/4  | 138,751 | 7 1/4  | 149,030 | 7 1/4  |         |       |        |    |        |    |        |    |        |
| 7 1/2  | 108,127 | 7 1/2  | 118,406 | 7 1/2  | 128,686 | 7 1/2  | 138,965 | 7 1/2  | 149,244 | 7 1/2  |         |       |        |    |        |    |        |    |        |
| 7 3/4  | 108,341 | 7 3/4  | 118,621 | 7 3/4  | 128,900 | 7 3/4  | 139,179 | 7 3/4  | 149,458 | 7 3/4  |         |       |        |    |        |    |        |    |        |
| 8      | 108,555 | 8      | 118,835 | 8      | 129,114 | 8      | 139,393 | 8      | 149,673 | 8      |         |       |        |    |        |    |        |    |        |
| 8 1/4  | 108,770 | 8 1/4  | 119,049 | 8 1/4  | 129,328 | 8 1/4  | 139,607 | 8 1/4  | 149,887 | 8 1/4  |         |       |        |    |        |    |        |    |        |
| 8 1/2  | 108,984 | 8 1/2  | 119,263 | 8 1/2  | 129,542 | 8 1/2  | 139,822 | 8 1/2  | 150,101 | 8 1/2  |         |       |        |    |        |    |        |    |        |
| 8 3/4  | 109,198 | 8 3/4  | 119,477 | 8 3/4  | 129,756 | 8 3/4  | 140,036 | 8 3/4  | 150,315 | 8 3/4  |         |       |        |    |        |    |        |    |        |
| 9      | 109,412 | 9      | 119,691 | 9      | 129,971 | 9      | 140,250 | 9      | 150,529 | 9      |         |       |        |    |        |    |        |    |        |
| 9 1/4  | 109,626 | 9 1/4  | 119,905 | 9 1/4  | 130,185 | 9 1/4  | 140,464 | 9 1/4  | 150,743 | 9 1/4  |         |       |        |    |        |    |        |    |        |
| 9 1/2  | 109,840 | 9 1/2  | 120,120 | 9 1/2  | 130,399 | 9 1/2  | 140,678 | 9 1/2  | 150,956 | 9 1/2  |         |       |        |    |        |    |        |    |        |
| 9 3/4  | 110,054 | 9 3/4  | 120,334 | 9 3/4  | 130,613 | 9 3/4  | 140,892 | 9 3/4  | 151,170 | 9 3/4  |         |       |        |    |        |    |        |    |        |
| 10     | 110,269 | 10     | 120,548 | 10     | 130,827 | 10     | 141,106 | 10     | 151,384 | 10     |         |       |        |    |        |    |        |    |        |
| 10 1/4 | 110,483 | 10 1/4 | 120,762 | 10 1/4 | 131,041 | 10 1/4 | 141,321 | 10 1/4 | 151,595 | 10 1/4 |         |       |        |    |        |    |        |    |        |
| 10 1/2 | 110,697 | 10 1/2 | 120,976 | 10 1/2 | 131,255 | 10 1/2 | 141,535 | 10 1/2 | 151,805 | 10 1/2 |         |       |        |    |        |    |        |    |        |
| 10 3/4 | 110,911 | 10 3/4 | 121,190 | 10 3/4 | 131,470 | 10 3/4 | 141,749 | 10 3/4 | 152,016 | 10 3/4 |         |       |        |    |        |    |        |    |        |
| 11     | 111,125 | 11     | 121,404 | 11     | 131,684 | 11     | 141,963 | 11     | 152,227 | 11     |         |       |        |    |        |    |        |    |        |
| 11 1/4 | 111,339 | 11 1/4 | 121,618 | 11 1/4 | 131,898 | 11 1/4 | 142,177 | 11 1/4 | 152,416 | 11 1/4 |         |       |        |    |        |    |        |    |        |
| 11 1/2 | 111,554 | 11 1/2 | 121,833 | 11 1/2 | 132,112 | 11 1/2 | 142,391 | 11 1/2 | 152,604 | 11 1/2 |         |       |        |    |        |    |        |    |        |
| 11 3/4 | 111,768 | 11 3/4 | 122,047 | 11 3/4 | 132,326 | 11 3/4 | 142,606 | 11 3/4 | 152,793 | 11 3/4 |         |       |        |    |        |    |        |    |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2019 CL  
CALCULATED: 08/26/2019 CL  
PRINTED: 08/27/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2082  
Pearland, Texas 77608  
http://www.pmacorp.net



# BARGE "IB 1305"

## 3 CENTER INNAGE 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     | 74    | 0     | 9,495  | 0     | 19,830 | 0     | 30,141 | 0     | 40,465 | 0     | 50,801 | 0     | 61,137 | 0     | 71,473 | 0     | 81,808 | 0     | 92,144  |
| 1/4   | 138   | 1/4   | 9,710  | 1/4   | 20,045 | 1/4   | 30,356 | 1/4   | 40,680 | 1/4   | 51,016 | 1/4   | 61,352 | 1/4   | 71,688 | 1/4   | 82,024 | 1/4   | 92,360  |
| 1/2   | 203   | 1/2   | 9,925  | 1/2   | 20,261 | 1/2   | 30,570 | 1/2   | 40,896 | 1/2   | 51,231 | 1/2   | 61,567 | 1/2   | 71,903 | 1/2   | 82,239 | 1/2   | 92,575  |
| 3/4   | 268   | 3/4   | 10,141 | 3/4   | 20,476 | 3/4   | 30,784 | 3/4   | 41,111 | 3/4   | 51,447 | 3/4   | 61,783 | 3/4   | 72,119 | 3/4   | 82,454 | 3/4   | 92,790  |
| 1     | 332   | 1     | 10,356 | 1     | 20,691 | 1     | 30,999 | 1     | 41,326 | 1     | 51,662 | 1     | 61,998 | 1     | 72,334 | 1     | 82,670 | 1     | 93,006  |
| 1 1/4 | 480   | 1 1/4 | 10,571 | 1 1/4 | 20,907 | 1 1/4 | 31,213 | 1 1/4 | 41,542 | 1 1/4 | 51,877 | 1 1/4 | 62,213 | 1 1/4 | 72,549 | 1 1/4 | 82,885 | 1 1/4 | 93,221  |
| 1 1/2 | 628   | 1 1/2 | 10,787 | 1 1/2 | 21,122 | 1 1/2 | 31,428 | 1 1/2 | 41,757 | 1 1/2 | 52,093 | 1 1/2 | 62,429 | 1 1/2 | 72,764 | 1 1/2 | 83,100 | 1 1/2 | 93,436  |
| 3 1/4 | 775   | 3 1/4 | 11,002 | 3 1/4 | 21,337 | 3 1/4 | 31,642 | 3 1/4 | 41,972 | 3 1/4 | 52,308 | 3 1/4 | 62,644 | 3 1/4 | 72,980 | 3 1/4 | 83,316 | 3 1/4 | 93,652  |
| 2     | 923   | 2     | 11,217 | 2     | 21,553 | 2     | 31,857 | 2     | 42,186 | 2     | 52,523 | 2     | 62,859 | 2     | 73,196 | 2     | 83,531 | 2     | 93,867  |
| 1 1/4 | 1,129 | 1 1/4 | 11,432 | 1 1/4 | 21,768 | 1 1/4 | 32,071 | 1 1/4 | 42,403 | 1 1/4 | 52,739 | 1 1/4 | 63,075 | 1 1/4 | 73,410 | 1 1/4 | 83,746 | 1 1/4 | 94,082  |
| 1 1/2 | 1,335 | 1 1/2 | 11,648 | 1 1/2 | 21,983 | 1 1/2 | 32,286 | 1 1/2 | 42,618 | 1 1/2 | 52,954 | 1 1/2 | 63,290 | 1 1/2 | 73,626 | 1 1/2 | 83,962 | 1 1/2 | 94,298  |
| 3 1/4 | 1,541 | 3 1/4 | 11,863 | 3 1/4 | 22,199 | 3 1/4 | 32,500 | 3 1/4 | 42,834 | 3 1/4 | 53,169 | 3 1/4 | 63,506 | 3 1/4 | 73,841 | 3 1/4 | 84,177 | 3 1/4 | 94,513  |
| 3     | 1,747 | 3     | 12,078 | 3     | 22,414 | 3     | 32,715 | 3     | 43,049 | 3     | 53,385 | 3     | 63,721 | 3     | 74,058 | 3     | 84,392 | 3     | 94,728  |
| 1 1/4 | 1,952 | 1 1/4 | 12,294 | 1 1/4 | 22,629 | 1 1/4 | 32,930 | 1 1/4 | 43,264 | 1 1/4 | 53,600 | 1 1/4 | 63,936 | 1 1/4 | 74,272 | 1 1/4 | 84,608 | 1 1/4 | 94,944  |
| 1 1/2 | 2,176 | 1 1/2 | 12,509 | 1 1/2 | 22,845 | 1 1/2 | 33,145 | 1 1/2 | 43,480 | 1 1/2 | 53,815 | 1 1/2 | 64,151 | 1 1/2 | 74,487 | 1 1/2 | 84,823 | 1 1/2 | 95,159  |
| 3 1/4 | 2,391 | 3 1/4 | 12,724 | 3 1/4 | 23,060 | 3 1/4 | 33,360 | 3 1/4 | 43,695 | 3 1/4 | 54,031 | 3 1/4 | 64,367 | 3 1/4 | 74,702 | 3 1/4 | 85,038 | 3 1/4 | 95,374  |
| 4     | 2,605 | 4     | 12,940 | 4     | 23,275 | 4     | 33,574 | 4     | 43,910 | 4     | 54,246 | 4     | 64,582 | 4     | 74,918 | 4     | 85,254 | 4     | 95,590  |
| 1 1/4 | 2,820 | 1 1/4 | 13,155 | 1 1/4 | 23,490 | 1 1/4 | 33,790 | 1 1/4 | 44,126 | 1 1/4 | 54,461 | 1 1/4 | 64,797 | 1 1/4 | 75,133 | 1 1/4 | 85,469 | 1 1/4 | 95,805  |
| 1 1/2 | 3,035 | 1 1/2 | 13,370 | 1 1/2 | 23,706 | 1 1/2 | 34,005 | 1 1/2 | 44,341 | 1 1/2 | 54,677 | 1 1/2 | 65,013 | 1 1/2 | 75,348 | 1 1/2 | 85,684 | 1 1/2 | 96,020  |
| 3 1/4 | 3,250 | 3 1/4 | 13,586 | 3 1/4 | 23,921 | 3 1/4 | 34,220 | 3 1/4 | 44,556 | 3 1/4 | 54,892 | 3 1/4 | 65,228 | 3 1/4 | 75,564 | 3 1/4 | 85,900 | 3 1/4 | 96,236  |
| 6     | 3,466 | 6     | 13,801 | 6     | 24,136 | 6     | 34,436 | 6     | 44,772 | 6     | 55,107 | 6     | 65,443 | 6     | 75,779 | 6     | 86,115 | 6     | 96,451  |
| 1 1/4 | 3,681 | 1 1/4 | 14,016 | 1 1/4 | 24,352 | 1 1/4 | 34,651 | 1 1/4 | 44,987 | 1 1/4 | 55,323 | 1 1/4 | 65,659 | 1 1/4 | 75,994 | 1 1/4 | 86,330 | 1 1/4 | 96,666  |
| 1 1/2 | 3,896 | 1 1/2 | 14,232 | 1 1/2 | 24,567 | 1 1/2 | 34,866 | 1 1/2 | 45,202 | 1 1/2 | 55,538 | 1 1/2 | 65,874 | 1 1/2 | 76,210 | 1 1/2 | 86,545 | 1 1/2 | 96,882  |
| 3 1/4 | 4,112 | 3 1/4 | 14,447 | 3 1/4 | 24,782 | 3 1/4 | 35,082 | 3 1/4 | 45,418 | 3 1/4 | 55,753 | 3 1/4 | 66,089 | 3 1/4 | 76,425 | 3 1/4 | 86,761 | 3 1/4 | 97,097  |
| 6     | 4,327 | 6     | 14,662 | 6     | 24,997 | 6     | 35,297 | 6     | 45,633 | 6     | 55,969 | 6     | 66,305 | 6     | 76,640 | 6     | 86,976 | 6     | 97,312  |
| 1 1/4 | 4,542 | 1 1/4 | 14,878 | 1 1/4 | 25,211 | 1 1/4 | 35,512 | 1 1/4 | 45,848 | 1 1/4 | 56,184 | 1 1/4 | 66,520 | 1 1/4 | 76,856 | 1 1/4 | 87,192 | 1 1/4 | 97,528  |
| 1 1/2 | 4,758 | 1 1/2 | 15,093 | 1 1/2 | 25,425 | 1 1/2 | 35,728 | 1 1/2 | 46,064 | 1 1/2 | 56,399 | 1 1/2 | 66,735 | 1 1/2 | 77,071 | 1 1/2 | 87,407 | 1 1/2 | 97,743  |
| 3 1/4 | 4,973 | 3 1/4 | 15,308 | 3 1/4 | 25,640 | 3 1/4 | 35,943 | 3 1/4 | 46,279 | 3 1/4 | 56,615 | 3 1/4 | 66,951 | 3 1/4 | 77,286 | 3 1/4 | 87,622 | 3 1/4 | 97,958  |
| 7     | 5,188 | 7     | 15,524 | 7     | 25,854 | 7     | 36,158 | 7     | 46,494 | 7     | 56,830 | 7     | 67,166 | 7     | 77,502 | 7     | 87,838 | 7     | 98,174  |
| 1 1/4 | 5,403 | 1 1/4 | 15,739 | 1 1/4 | 26,069 | 1 1/4 | 36,374 | 1 1/4 | 46,709 | 1 1/4 | 57,045 | 1 1/4 | 67,381 | 1 1/4 | 77,717 | 1 1/4 | 88,053 | 1 1/4 | 98,389  |
| 1 1/2 | 5,619 | 1 1/2 | 15,954 | 1 1/2 | 26,283 | 1 1/2 | 36,589 | 1 1/2 | 46,925 | 1 1/2 | 57,261 | 1 1/2 | 67,597 | 1 1/2 | 77,932 | 1 1/2 | 88,269 | 1 1/2 | 98,604  |
| 3 1/4 | 5,834 | 3 1/4 | 16,170 | 3 1/4 | 26,497 | 3 1/4 | 36,804 | 3 1/4 | 47,140 | 3 1/4 | 57,476 | 3 1/4 | 67,812 | 3 1/4 | 78,148 | 3 1/4 | 88,484 | 3 1/4 | 98,819  |
| 8     | 6,049 | 8     | 16,385 | 8     | 26,712 | 8     | 37,020 | 8     | 47,355 | 8     | 57,691 | 8     | 68,027 | 8     | 78,363 | 8     | 88,699 | 8     | 99,035  |
| 1 1/4 | 6,265 | 1 1/4 | 16,600 | 1 1/4 | 26,926 | 1 1/4 | 37,235 | 1 1/4 | 47,571 | 1 1/4 | 57,907 | 1 1/4 | 68,243 | 1 1/4 | 78,578 | 1 1/4 | 88,914 | 1 1/4 | 99,250  |
| 1 1/2 | 6,480 | 1 1/2 | 16,816 | 1 1/2 | 27,140 | 1 1/2 | 37,450 | 1 1/2 | 47,786 | 1 1/2 | 58,122 | 1 1/2 | 68,458 | 1 1/2 | 78,794 | 1 1/2 | 89,130 | 1 1/2 | 99,465  |
| 3 1/4 | 6,695 | 3 1/4 | 17,031 | 3 1/4 | 27,355 | 3 1/4 | 37,666 | 3 1/4 | 48,001 | 3 1/4 | 58,337 | 3 1/4 | 68,673 | 3 1/4 | 79,009 | 3 1/4 | 89,345 | 3 1/4 | 99,681  |
| 9     | 6,911 | 9     | 17,246 | 9     | 27,569 | 9     | 37,881 | 9     | 48,217 | 9     | 58,553 | 9     | 68,889 | 9     | 79,224 | 9     | 89,560 | 9     | 99,896  |
| 1 1/4 | 7,126 | 1 1/4 | 17,461 | 1 1/4 | 27,783 | 1 1/4 | 38,096 | 1 1/4 | 48,432 | 1 1/4 | 58,768 | 1 1/4 | 69,104 | 1 1/4 | 79,440 | 1 1/4 | 89,776 | 1 1/4 | 100,111 |
| 1 1/2 | 7,341 | 1 1/2 | 17,677 | 1 1/2 | 27,998 | 1 1/2 | 38,312 | 1 1/2 | 48,647 | 1 1/2 | 58,983 | 1 1/2 | 69,319 | 1 1/2 | 79,655 | 1 1/2 | 89,991 | 1 1/2 | 100,327 |
| 3 1/4 | 7,557 | 3 1/4 | 17,892 | 3 1/4 | 28,212 | 3 1/4 | 38,527 | 3 1/4 | 48,863 | 3 1/4 | 59,199 | 3 1/4 | 69,535 | 3 1/4 | 79,870 | 3 1/4 | 90,206 | 3 1/4 | 100,542 |
| 10    | 7,772 | 10    | 18,107 | 10    | 28,427 | 10    | 38,742 | 10    | 49,078 | 10    | 59,414 | 10    | 69,750 | 10    | 80,086 | 10    | 90,422 | 10    | 100,757 |
| 1 1/4 | 7,987 | 1 1/4 | 18,323 | 1 1/4 | 28,641 | 1 1/4 | 38,958 | 1 1/4 | 49,293 | 1 1/4 | 59,629 | 1 1/4 | 69,965 | 1 1/4 | 80,301 | 1 1/4 | 90,637 | 1 1/4 | 100,973 |
| 1 1/2 | 8,203 | 1 1/2 | 18,538 | 1 1/2 | 28,855 | 1 1/2 | 39,173 | 1 1/2 | 49,508 | 1 1/2 | 59,845 | 1 1/2 | 70,181 | 1 1/2 | 80,516 | 1 1/2 | 90,852 | 1 1/2 | 101,188 |
| 3 1/4 | 8,418 | 3 1/4 | 18,753 | 3 1/4 | 29,070 | 3 1/4 | 39,388 | 3 1/4 | 49,724 | 3 1/4 | 60,060 | 3 1/4 | 70,396 | 3 1/4 | 80,732 | 3 1/4 | 91,068 | 3 1/4 | 101,403 |
| 11    | 8,633 | 11    | 18,969 | 11    | 29,284 | 11    | 39,604 | 11    | 49,939 | 11    | 60,275 | 11    | 70,611 | 11    | 80,947 | 11    | 91,283 | 11    | 101,619 |
| 1 1/4 | 8,849 | 1 1/4 | 19,184 | 1 1/4 | 29,498 | 1 1/4 | 39,819 | 1 1/4 | 50,155 | 1 1/4 | 60,491 | 1 1/4 | 70,827 | 1 1/4 | 81,162 | 1 1/4 | 91,498 | 1 1/4 | 101,834 |
| 1 1/2 | 9,064 | 1 1/2 | 19,399 | 1 1/2 | 29,713 | 1 1/2 | 40,034 | 1 1/2 | 50,370 | 1 1/2 | 60,708 | 1 1/2 | 71,042 | 1 1/2 | 81,378 | 1 1/2 | 91,714 | 1 1/2 | 102,049 |
| 3 1/4 | 9,279 | 3 1/4 | 19,615 | 3 1/4 | 29,927 | 3 1/4 | 40,250 | 3 1/4 | 50,585 | 3 1/4 | 60,921 | 3 1/4 | 71,257 | 3 1/4 | 81,593 | 3 1/4 | 91,929 | 3 1/4 | 102,265 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP 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 77668  
<http://www.pmacorp.net>



# BARGE "IB 1305"

## 3 CENTER INNAGE 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      | 102,480 | 0      | 112,816 | 0      | 123,152 | 0      | 133,488 | 0      | 143,824 | 0      | 154,160 | 0     | 0      | 0  | 0      | 0  | 0      | 0  | 0      |
| 1/4    | 102,695 | 1/4    | 113,031 | 1/4    | 123,367 | 1/4    | 133,703 | 1/4    | 144,039 | 1/4    | 154,375 | 1/4   |        |    |        |    |        |    |        |
| 1/2    | 102,911 | 1/2    | 113,247 | 1/2    | 123,583 | 1/2    | 133,918 | 1/2    | 144,254 | 1/2    | 154,590 | 1/2   |        |    |        |    |        |    |        |
| 3/4    | 103,128 | 3/4    | 113,462 | 3/4    | 123,798 | 3/4    | 134,134 | 3/4    | 144,470 | 3/4    | 154,806 | 3/4   |        |    |        |    |        |    |        |
| 1      | 103,344 | 1      | 113,677 | 1      | 124,013 | 1      | 134,349 | 1      | 144,685 | 1      | 154,944 | 1     |        |    |        |    |        |    |        |
| 1 1/4  | 103,557 | 1 1/4  | 113,893 | 1 1/4  | 124,229 | 1 1/4  | 134,564 | 1 1/4  | 144,900 | 1 1/4  | 154,802 | 1 1/4 |        |    |        |    |        |    |        |
| 1 1/2  | 103,772 | 1 1/2  | 114,108 | 1 1/2  | 124,444 | 1 1/2  | 134,780 | 1 1/2  | 145,116 | 1 1/2  | 154,681 | 1 1/2 |        |    |        |    |        |    |        |
| 1 3/4  | 103,987 | 1 3/4  | 114,323 | 1 3/4  | 124,659 | 1 3/4  | 134,995 | 1 3/4  | 145,331 | 1 3/4  | 154,719 | 1 3/4 |        |    |        |    |        |    |        |
| 2      | 104,203 | 2      | 114,539 | 2      | 124,875 | 2      | 135,210 | 2      | 145,546 | 2      | 154,777 | 2     |        |    |        |    |        |    |        |
| 2 1/4  | 104,418 | 2 1/4  | 114,754 | 2 1/4  | 125,090 | 2 1/4  | 135,426 | 2 1/4  | 145,762 | 2 1/4  | 154,795 | 2 1/4 |        |    |        |    |        |    |        |
| 2 1/2  | 104,633 | 2 1/2  | 114,969 | 2 1/2  | 125,305 | 2 1/2  | 135,641 | 2 1/2  | 145,977 | 2 1/2  |         |       |        |    |        |    |        |    |        |
| 2 3/4  | 104,849 | 2 3/4  | 115,185 | 2 3/4  | 125,520 | 2 3/4  | 135,856 | 2 3/4  | 146,192 | 2 3/4  |         |       |        |    |        |    |        |    |        |
| 3      | 105,064 | 3      | 115,400 | 3      | 125,736 | 3      | 136,072 | 3      | 146,408 | 3      |         |       |        |    |        |    |        |    |        |
| 3 1/4  | 105,279 | 3 1/4  | 115,615 | 3 1/4  | 125,951 | 3 1/4  | 136,287 | 3 1/4  | 146,623 | 3 1/4  |         |       |        |    |        |    |        |    |        |
| 3 1/2  | 105,495 | 3 1/2  | 115,831 | 3 1/2  | 126,166 | 3 1/2  | 136,502 | 3 1/2  | 146,838 | 3 1/2  |         |       |        |    |        |    |        |    |        |
| 3 3/4  | 105,710 | 3 3/4  | 116,046 | 3 3/4  | 126,382 | 3 3/4  | 136,718 | 3 3/4  | 147,054 | 3 3/4  |         |       |        |    |        |    |        |    |        |
| 4      | 105,925 | 4      | 116,261 | 4      | 126,597 | 4      | 136,933 | 4      | 147,269 | 4      |         |       |        |    |        |    |        |    |        |
| 4 1/4  | 106,141 | 4 1/4  | 116,477 | 4 1/4  | 126,812 | 4 1/4  | 137,148 | 4 1/4  | 147,484 | 4 1/4  |         |       |        |    |        |    |        |    |        |
| 4 1/2  | 106,356 | 4 1/2  | 116,692 | 4 1/2  | 127,028 | 4 1/2  | 137,364 | 4 1/2  | 147,700 | 4 1/2  |         |       |        |    |        |    |        |    |        |
| 4 3/4  | 106,571 | 4 3/4  | 116,907 | 4 3/4  | 127,243 | 4 3/4  | 137,579 | 4 3/4  | 147,915 | 4 3/4  |         |       |        |    |        |    |        |    |        |
| 5      | 106,787 | 5      | 117,123 | 5      | 127,458 | 5      | 137,794 | 5      | 148,130 | 5      |         |       |        |    |        |    |        |    |        |
| 5 1/4  | 107,002 | 5 1/4  | 117,338 | 5 1/4  | 127,674 | 5 1/4  | 138,010 | 5 1/4  | 148,346 | 5 1/4  |         |       |        |    |        |    |        |    |        |
| 5 1/2  | 107,217 | 5 1/2  | 117,553 | 5 1/2  | 127,889 | 5 1/2  | 138,225 | 5 1/2  | 148,561 | 5 1/2  |         |       |        |    |        |    |        |    |        |
| 5 3/4  | 107,433 | 5 3/4  | 117,769 | 5 3/4  | 128,104 | 5 3/4  | 138,440 | 5 3/4  | 148,776 | 5 3/4  |         |       |        |    |        |    |        |    |        |
| 6      | 107,648 | 6      | 117,984 | 6      | 128,320 | 6      | 138,656 | 6      | 148,992 | 6      |         |       |        |    |        |    |        |    |        |
| 6 1/4  | 107,863 | 6 1/4  | 118,199 | 6 1/4  | 128,535 | 6 1/4  | 138,871 | 6 1/4  | 149,207 | 6 1/4  |         |       |        |    |        |    |        |    |        |
| 6 1/2  | 108,079 | 6 1/2  | 118,415 | 6 1/2  | 128,750 | 6 1/2  | 139,086 | 6 1/2  | 149,422 | 6 1/2  |         |       |        |    |        |    |        |    |        |
| 6 3/4  | 108,294 | 6 3/4  | 118,630 | 6 3/4  | 128,966 | 6 3/4  | 139,302 | 6 3/4  | 149,638 | 6 3/4  |         |       |        |    |        |    |        |    |        |
| 7      | 108,509 | 7      | 118,845 | 7      | 129,181 | 7      | 139,517 | 7      | 149,853 | 7      |         |       |        |    |        |    |        |    |        |
| 7 1/4  | 108,725 | 7 1/4  | 119,061 | 7 1/4  | 129,396 | 7 1/4  | 139,732 | 7 1/4  | 150,068 | 7 1/4  |         |       |        |    |        |    |        |    |        |
| 7 1/2  | 108,940 | 7 1/2  | 119,276 | 7 1/2  | 129,612 | 7 1/2  | 139,948 | 7 1/2  | 150,284 | 7 1/2  |         |       |        |    |        |    |        |    |        |
| 7 3/4  | 109,155 | 7 3/4  | 119,491 | 7 3/4  | 129,827 | 7 3/4  | 140,163 | 7 3/4  | 150,499 | 7 3/4  |         |       |        |    |        |    |        |    |        |
| 8      | 109,371 | 8      | 119,707 | 8      | 130,042 | 8      | 140,378 | 8      | 150,714 | 8      |         |       |        |    |        |    |        |    |        |
| 8 1/4  | 109,586 | 8 1/4  | 119,922 | 8 1/4  | 130,258 | 8 1/4  | 140,594 | 8 1/4  | 150,929 | 8 1/4  |         |       |        |    |        |    |        |    |        |
| 8 1/2  | 109,801 | 8 1/2  | 120,137 | 8 1/2  | 130,473 | 8 1/2  | 140,809 | 8 1/2  | 151,145 | 8 1/2  |         |       |        |    |        |    |        |    |        |
| 8 3/4  | 110,017 | 8 3/4  | 120,353 | 8 3/4  | 130,688 | 8 3/4  | 141,024 | 8 3/4  | 151,360 | 8 3/4  |         |       |        |    |        |    |        |    |        |
| 9      | 110,232 | 9      | 120,568 | 9      | 130,904 | 9      | 141,240 | 9      | 151,575 | 9      |         |       |        |    |        |    |        |    |        |
| 9 1/4  | 110,447 | 9 1/4  | 120,783 | 9 1/4  | 131,119 | 9 1/4  | 141,455 | 9 1/4  | 151,790 | 9 1/4  |         |       |        |    |        |    |        |    |        |
| 9 1/2  | 110,663 | 9 1/2  | 120,999 | 9 1/2  | 131,334 | 9 1/2  | 141,670 | 9 1/2  | 152,005 | 9 1/2  |         |       |        |    |        |    |        |    |        |
| 9 3/4  | 110,878 | 9 3/4  | 121,214 | 9 3/4  | 131,550 | 9 3/4  | 141,886 | 9 3/4  | 152,220 | 9 3/4  |         |       |        |    |        |    |        |    |        |
| 10     | 111,093 | 10     | 121,429 | 10     | 131,765 | 10     | 142,101 | 10     | 152,435 | 10     |         |       |        |    |        |    |        |    |        |
| 10 1/4 | 111,309 | 10 1/4 | 121,645 | 10 1/4 | 131,980 | 10 1/4 | 142,316 | 10 1/4 | 152,647 | 10 1/4 |         |       |        |    |        |    |        |    |        |
| 10 1/2 | 111,524 | 10 1/2 | 121,860 | 10 1/2 | 132,195 | 10 1/2 | 142,532 | 10 1/2 | 152,869 | 10 1/2 |         |       |        |    |        |    |        |    |        |
| 10 3/4 | 111,739 | 10 3/4 | 122,075 | 10 3/4 | 132,411 | 10 3/4 | 142,747 | 10 3/4 | 153,071 | 10 3/4 |         |       |        |    |        |    |        |    |        |
| 11     | 111,955 | 11     | 122,291 | 11     | 132,626 | 11     | 142,962 | 11     | 153,283 | 11     |         |       |        |    |        |    |        |    |        |
| 11 1/4 | 112,170 | 11 1/4 | 122,506 | 11 1/4 | 132,842 | 11 1/4 | 143,178 | 11 1/4 | 153,473 | 11 1/4 |         |       |        |    |        |    |        |    |        |
| 11 1/2 | 112,385 | 11 1/2 | 122,721 | 11 1/2 | 133,057 | 11 1/2 | 143,393 | 11 1/2 | 153,682 | 11 1/2 |         |       |        |    |        |    |        |    |        |
| 11 3/4 | 112,601 | 11 3/4 | 122,937 | 11 3/4 | 133,272 | 11 3/4 | 143,608 | 11 3/4 | 153,882 | 11 3/4 |         |       |        |    |        |    |        |    |        |

STRAPPED: 08/28/2018 CL  
CALCULATED: 08/28/2018 CL  
PRINTED: 08/27/2018 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2082  
Pearland, Texas 77688  
<http://www.pmacorp.net>