INNAGE TABLE
GAUGE HEIGHT $5^{\circ}-071 / 2^{\prime \prime}$




| 3 | - | 3 | N | 高 | - | \% | 든 | 7 | $*$ | F | \% | 4 | \# | $\underline{+}$ | \% | - |  | F | $\cdots$ | $\underline{7}$ | O |  | I | ¢ |  |  |  |  | $\pm$ | 星 |  |  | , |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\cdots$ | 0 | \% | 9 |  | - | 0 | N | 3 | $\pm$ |  | 40 | 18 | 5 | 0 | 0 |  |  | F | - | N | 7 |  |  | 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |

GAUGE HEIGHT ${ }^{3}$-09"*



$-{ }^{2}-$
$\square$
$\square$


[^0]
HSM 3143 FORMERLY
BARGE "HTCO 3143"
INNAGE TABLE

CAPACITY TABLE EXTENDS TO EXTREME HEEGHT OF TANK AT GAUGE POINT.
CAPACTTY TAELE ONLY APPLES TO INNAGE GAUGES TAKEN TO TOP LP OF $2^{\prime \prime}$ HERMETC VALVE.






GARGE STRAPPED AND COMPUTED IN ACGORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TAELE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LP OF $\mathbf{2}^{\prime \prime}$ HERMETC VALVE.

HSM 3143 FORMERLY
BARGE "HTCO 3143"
INNAGE TRIM TABLE (HERMETIC)

| 2 FT . |  | 3 FT . |  | 4 FT. |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| BOW | STERN | BOW | STERN | BOW | STERN |
| 04-1/4 | - 04-1/4 | 06-1/4 | -06-1/4 | 08-1/2 | -08-1/2 |
| 04-1/4 | - 04-1/4 | 06-1/4 | . 06-1/4 | 08-1/2 | -08-1/2 |
| 04-1/4 | . 04-1/4 | 06-1/4 | . 06-1/4 | 08-1/2 | -08-1/2 |
| 04-1/4 | - 04-1/4 | 06-1/4 | - 06-1/4 | 08-1/2 | - 08-1/2 |
| -04.1/4 | 04-1/4 | -06-318 | 06-3/8 | -08.1/2 | 08-1/2 |
| -04-1/4 | 04-1/4 | -06.318 | 06-3/8 | . 08.112 | 08-1/2 |
| (ALL MEASUREMENTS ABOVE ARE IN INCHES) |  |  |  |  |  |

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

HSM 3143 FORMERLY
BARGE "HTCO 3143"

## E <br> INNAGE TABLE

1 PORT BARGE
GAUGE HEIGHT ${ }^{\text {t7 }}$-01"
 PRECISION MEASUREMENT
\& ANALYSIS, INC.



HSM 3143 FORMERLY
BARGE "HTCO 3143"
GAUGE HEIGHT 17'-01"
 PRECISION MEASUREMENT P.O. Box 2032
Puancind Tenas 775sa
htip:/hww.pmacorp.net












[^1]HSM 3143 FORMERLY
BARGE "HTCO 3143"


[^2]
HSM 3143 FORMERLY
BARGE "HTCO 3143"

| GAUGE HEIGHT $17^{\prime} .03 / 4^{\prime \prime}$ |
| :---: |
| 18 FT. |
| 10 |



2 STBD



## HSM 3143 FORMERLY

INNAGE TABLE


[^3]CANCELS AND SUPERCEDES
ALL PRIOR TO 0112015

| CAPACITES GIVENIN BARRELS OF 42 U.s. GALIONS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | GAUGE HEIGHT 17'-0 3/4 ${ }^{\text {" }}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WN | 0 FT. | N | 1 FT. | IN | 2 FT . | IN | 3 FT. | N | 4 FT, | [N | 5 FT , | IN | 6 FT. | N | 7 FT. | M | 8 FT. | W | 9 FT. |
| 0 | 2.23 | 0 | 313.26 | 0 | 670.86 | 0 | 1,028.06 | 0 | 1,385.51 | 0 | 1,743.11 | 0 | 2,100.72 | 0 | 2,458.32 | 0 | 2,815.74 | 0 | 3,172.93 |
| ${ }^{1}$ | 4.09 | ${ }^{1}$ | 320.71 | ${ }_{4}$ | 678.31 | 1 m | 1,036.49 | 14 | 1,392.96 | ${ }^{1}$ | 1,750.56 | 17 | 2,108.17 | 1.4 | 2,465.77 | ${ }^{1 / 4}$ | 2,823.18 | 14 | 3,180.37 |
| $1 / 2$ | 5.95 | 12 | 328.16 | 12 | 686.76 | 12 | 1,042.93 | 12 | 1,400.41 | $1 / 2$ | 1,758.01 | 12 | 2,115.62 | $1 / 2$ | 2,473.22 | 172 | 2,830.62 | 12 | 3,187.81 |
| 4 | 7.82 | 34 | 335.61 | 34 | 693.21 | \% | 1,050.36 | 34 | 1,407.86 | ${ }_{4}$ | 1,765.46 | 34 | 2,123.07 | 34 | 2,480.67 | 34 | 2,838.07 | 34 | 3,195.25 |
| 1 | 9.58 | 1 | 343.06 | 1 | 700.66 | 1 | 1,067.80 | 1 | 1,415.31 | 1 | 1,772.91 | 1 | 2,130.52 | 1 | 2,488.12 | 1 | 2,845.51 | 1 | 3,202.69 |
| $1 / 4$ | 13.40 | ${ }^{1 / 4}$ | 350.51 | 14 | 708.11 | $1 / 4$ | 1.065.24 | * 4 | 1,422.76 | 14 | 1,780.36 | ${ }^{14}$ | 2,137.97 | 1.4 | 2,496.57 | 14 | 2,852.95 | $1 / 4$ | 3,210.13 |
| 112 | 17.13 | n2 | 367.96 | $1 / 2$ | 715.56 | 12 | 1,072.67 | $1 / 2$ | 1.430.21 | t/2 | 1,787.81 | 12 | 2,146.42 | $1 / 2$ | 2,503.02 | 112 | 2,860.40 | 12 | 3,217.57 |
|  | 20.86 | 3.4 | 365.41 | 34 | 723.01 | 34 | 1,080,11 | 34 | 1,437.66 | 34 | 1,796.26 | 34 | 2,152.87 | 34 | 2,510.47 | 34 | 2,867.84 | 34 | 3,225.09 |
| 2 | 24.58 | 2 | 372.86 | 2 | 730.46 | 2 | 1,087.65 | 2 | 1,445.11 | 2 | 1,802.71 | 2 | 2,160.32 | 2 | 2,517.92 | 2 | 2,875.28 | 2 | 3,232.46 |
| 1 m | 30.16 | 14 | 380.31 | ${ }^{1+4}$ | 737.99 | 114 | 1,094.99 | 14 | 1,462.56 | ${ }^{1 / 4}$ | 1,810.16 | ${ }^{14}$ | 2,167.77 | ${ }^{\mu}$ | 2,525.37 | 174 | 2,882.72 | ${ }^{1 / 4}$ | 3,239,89 |
| 12 | 35.75 | 12 | 387.76 | 12 | 746.35 | 12 | 1,102.43 | $1 / 2$ | 1,460.01 | 12 | 1,817.61 | $1 / 2$ | 2,175.22 | $1 / 2$ | 2,532.82 | 12 | 2,660.17 | $1{ }^{2}$ | 3,247.33 |
| $\underline{4} 4$ | 41.34 | 314 | 395.21 | 34 | 752.80 | $3 / 4$ | 1,109.88 | 34 | 1,467.46 | 34 | 1,825.06 | 34 | 2,182.67 | 34 | 2,540.27 | ${ }^{2} 4$ | 2,897.61 | 34 | 3,254.77 |
| 3 | 46.93 | 3 | 402.66 | 1 | 760.25 | 3 | 1,117.32 | 3 | 1,474.91 | 3 | 1,832.51 | 3 | 2,190.12 | 3 | 2,547.72 | 3 | 2,906.05 | 3 | 3,262.21 |
| 14 | 53.91 | \% | 410.11 | ${ }^{1}$ | 767.70 | ${ }^{1+1}$ | 1,124.76 | ${ }^{1 / 4}$ | 1,482.36 | 14 | 1,839,96 | 1 m | 2,197.57 | 14 | 2,555.17 | 14 | 2,912.50 | ${ }^{1 / 4}$ | 3,269.64 |
| 112 | 60.90 | $1 / 2$ | 417.56 | 12 | 776.15 | 12 | 1,132.21 | $1 / 2$ | 1,489.81 | 12 | 1,847.41 | $1 / 2$ | 2,205.02 | 1/2 | 2,562.62 | 12 | 2,949.94 | 12 | 3,277.07 |
| 34 | 67.88 | 3.4 | 425.01 | 34 | 782.60 | 314 | 1,139.66 | 3 m | 1,497.26 | 34 | 1,854,86 | 34 | 2,212.47 | 3 H | 2,570.07 | 34 | 2,927.38 | 34 | 3,284.50 |
| 4 | 74.86 | 4 | 432.46 | 4 | 790.05 | 4 | 1,147.10 | 4 | 1,504.71 | 4 | 1,862.31 | 4 | 2,219.92 | 4 | 2,577.52 | 4 | 2,934.83 | 4 | 3,291.93 |
| ${ }^{114}$ | 82.31 | \% | 439.91 | 14 | 797.50 | 14 | 1,154.55 | 114 | 1,512.16 | 14 | 1,869.76 | ${ }^{1 / 4}$ | 2,227.37 | ${ }^{1 / 4}$ | 2,584.97 | ${ }^{19}$ | 2,942.27 | $\cdots$ | 3,299.35 |
| 178 | 89.76 | 1.2 | 447.36 | 12 | 804.95 | 172 | 1,162.00 | $1 / 2$ | 1,519.61 | 12 | 1,877.21 | 12 | 2,234.82 | $1 / 2$ | 2,592.42 | 12 | 2,949.74 | w | 3,306.77 |
| 34 | 97.2 t | 34 | 454.81 | $\underline{4}$ | 812.40 | 34 | 1,169.45 | 34 | 1,527.06 | 34 | 1,884.66 | 34 | 2,242.27 | 3.4 | 2,599.87 | 34 | 2,957.15 | 14 | 3,314.18 |
| 5 | 104.66 | 6 | 462.26 | 5 | 819.85 | 8 | 1,176.90 | 5 | 1,534.51 | 5 | 1,892.11 | 5 | 2,249.72 | 5 | 2,607.32 | 5 | 2,964.60 | 5 | 3,121.60 |
| $\ldots$ | 112.11 | ${ }^{14}$ | 469.71 | 14 | 827.30 | 1 m | 1,184.35 | 14.4 | 1,541.96 | 14 | 1.899.56 | $1 / 4$ | 2,257.17 | 4 | 2,614.77 | 104 | 2,972.04 | 114 | 3,329.02 |
| 12 | 119.56 | 12 | 477.16 | 12 | 834.74 | m | 1,191.80 | 112 | 1,549.41 | 12 | 1,907.01 | 172 | 2,264.62 | $1 / 2$ | 2,622.22 | 12 | 2,979.48 | 12 | 3,336.44 |
| 344 | 127.01 | 34 | 484.61 | 34 | 842.18 | 34 | 1,199.25 | $3 / 4$ | 1,566,86 | 34 | 1,914.46 | 34 | 2,272.07 | $3 / 4$ | 2,629.66 | $\underline{3}$ | 2,986.92 | 34 | 3,343.86 |
| 6 | 134.46 | 6 | 492.06 | 5 | 849.62 | 6 | 1,206.70 | 5 | 4,564.31 | 6 | 1,921.91 | 8 | 2,279.52 | \% | 2,637.11 | 5 | 2,994.36 | 5 | 3,351.28 |
| 14 | 141.91 | $1 / 4$ | 499.51 | ${ }^{164}$ | 857.06 | $\underline{4}$ | 1,214.15 | - 14 | 1.571.76 | w | 1,929,36 | 17. | 2,286.97 | $\mu$ | 2,644.55 | 114 | 3,001.80 | 14 | 3,358.70 |
| 12 | 149.36 | 12 | 506.96 | 12 | 864.49 | 12 | 1,221.60 | $1 / 2$ | 1,579.21 | $1 / 2$ | 1,936.81 | 12 | 2,294,42 | $1 / 2$ | 2,652.00 | 12 | 3,009.24 | 17 | 3,366.12 |
| $3 / 4$ | 166.81 | 34 | 514.41 | 30 | 871.93 | 34 | 1,229.05 | $3{ }^{3}$ | ¢,586,66 | 34 | 1,944,26 | 34 | 2,301,87 | $\underline{14}$ | 2,669,44 | $\underline{4}$ | 3,016.68 | 3/4 | 3,373.54 |
| 7 | 164.26 | 7 | 521.86 | 7 | 879.36 | 7 | 1,236.50 | 7 | 1,594.11 | 7 | 1,951.71 | 7 | 2,309.32 | 7 | 2,666.88 | 7 | 3,024.12 | 7 | 3,380.96 |
| $1 / 4$ | 179.71 | ${ }^{1 / 4}$ | 529.31 | 14 | 886.79 | $1 / 4$ | 1,243.96 | 14 | 1,601.56 | 14 | 1,959.16 | 14 | 2,316.77 | \% 4 | 2,674.32 | 14 | 3,031.66 | 14 | 3,388.38 |
| 172 | 179.16 | 112 | 536.76 | 12 | 894.23 | 12 | 1,251.40 | 1/2 | 1,609.01 | 12 | 1,966.61 | $1 / 2$ | 2,324.22 | $1 / 2$ | 2,681.77 | 12 | 3,039.00 | 12 | 3,395.80 |
| 34 | 186.61 | 34 | 544.21 | $3 / 4$ | 901.66 | 34 | 1,258.86 | 34 | 1,616.46 | 34 | 1,974.06 | 34 | 2,331.67 | 34 | 2,689.21 | 34 | 3,046.44 | 34 | 3,403.22 |
| 4 | 194.06 | ! | 551.65 | 3 | 909.10 | 8 | 1,266.30 | $\square$ | 1,623.91 | $\square$ | 1,981.51 | 8 | 2,339.12 | - | 2,696.65 | 8 | 3,053.88 | 4 | 3,410.64 |
| \% | 201.51 | 14 | 559.11 | 14 | 916.53 | ${ }^{1}$ | 1,273.75 | 14 | 1,631,36 | 114 | 1,988.96 | ${ }^{16}$ | 2,346.57 | ${ }_{\text {L }}^{4}$ | 2,704.10 | 14 | 3,061.32 | ${ }^{1 / 4}$ | 3,418.06 |
| 1/2 | 208.96 | $1 / 2$ | 566.66 | 12 | 923.97 | 12. | 1,281,21 | 12 | 1,638.81 | 12 | 1,996.41 | 1/2 | 2,354.02 | 12 | 2,711.54 | $1 / 2$ | 3,068.76 | 12 | 3,425.48 |
| 34 | 216.41 | 34 | 574.04 | 34 | 931.40 | $3 / 4$ | 1,288.66 | 34 | 1,646.26 | 34 | 2,003.86 | $3 / 4$ | 2,361.47 | $3 / 4$ | 2,718.98 | $3 \cdot 4$ | 3,076.20 | 34 | 3,432.90 |
| 9 | 223.86 | $\pm$ | 581.46 | 4 | 938.84 | 9 | 1,296.11 | 9 | 1,653.71 | 1 | 2,011.31 | 9 | 2,368.92 | * | 2,726.42 | 9 | 3,083.64 | 9 | 3,440.32 |
| 14 | 231.31 | 114 | 588.91 | 14 | 946.27 | 1,4 | 1,303.56 | 14 | 1,661.16 | 17 | 2,018.76. | 14 | 2,376.37 | $1 / 4$ | 2,733.87 | $1 / 4$ | 3,091.08 | 114 | 3,447.74 |
| 12 | 238.76 | 12 | 596.35 | 12 | 953.71 | $1 / 2$ | 1,311.01 | 12 | 1,668.61 | 12 | 2,026.22 | 12 | 2,383.82 | $1 / 2$ | 2,741.31 | 12 | 3,098.52 | 12 | 3,455,16 |
| 34 | 246.21 | 34 | 603.81 | $3 / 4$ | 961.14 | 3 | 1,318.46 | $\underline{94}$ | 1,676,06 | 34 | 2,033.67 | $\underline{3}$ | 2,391.27 | $\cdots$ | 2,748.76 | 3.4 | 3,105.96 | 34 | 3,462.67 |
| 10 | 253.66 | 10 | 611.26 | 10 | 968.58 | 10 | 1,325.91 | 10 | 1,683.51 | 10 | 2,041.12 | 10 | 2,398.72 | 10 | 2,756.20 | 10 | 3,113.40 | 10 | 3,469.99 |
| 1,4 | 261.11 | 14 | 618.71 | 14. | 976.01 | 14. | 1,333.36 | th. | 1,690.96 | ${ }^{1 / 4}$ | 2,048.57 | $1 / 4$ | 2,406.17 | $1 / 4$ | 2,763.64 | $1 / 4$ | 3,120.84 | 114 | 3,477.41 |
| 12 | 268.56 | 12 | 626.16 | 112 | 983.45 | 12 | 1,340.81 | $1 / 2$ | 1,698.41 | 12 | 2,056.02 | 102 | 2,413.62 | $1 / 2$ | 2,771.08 | 112 | 3,128.28 | $1 / 2$ | 3,484.83 |
| 34 | 276.01 | $3{ }_{3}$ | 633.67 | m | 990.68 | 3,4 | 1,348.26 | 34 | 1,706.66 | 3.4 | 2,063.47 | 3/4 | 2,421.07 | $3 / 4$ | 2,776.52 | $3 / 4$ | 3,136.72 | 3.4 | 3,492.25 |
| 11 | 283.46 | 11 | 641.06 | 11 | 998.32 | 11 | 1,355.71 | 11 | 1.713.31 | 11 | 2,070.92 | 11 | 2,428.52 | 11 | 2,785.97 | 11 | 3,143.16 | 11 | 3,499.67 |
| 14 | 290.91 | ı | 648.51 | $1 / 4$ | 1,006.75 | ${ }_{\text {\% }}$ | 1,363.16 | 14 | 1,720.76 | 14 | 2,078.37 | ${ }_{1}$ | 2,436.97 | 14 | 2,793.41 | is | 3,150.60 | 14 | 3,507.09 |
| $1 / 2$ | 298.36 | 12 | 655.96 | $1 / 2$ | 1,013.19 | $1 / 2$ | 1,370.61 | $1 / 2$ | 1,728.21 | 42 | 2,085.82 | $1 / 2$ | 2,443.42 | 12 | 2,800.85 | $1 / 2$ | 3,158.04 | $1 / 2$ | 3,514.51 |
| 34 | 305.81 | $\mu$ | 663.41 | 34 | 1,020.62 | 34 | 1,378.06 | 34 | 1,736.66 | $3 / 4$ | 2.093 .27 | 34 | 2,460.87 | 34 | 2,808.30 | \%4 | 3,165.49 | 34 | 3,521.93 |

[^4]
## HSM 3143 FORMERLY

BARGE "HTCO 3143" INNAGE TABLE


[^5]CANCELS AND SUPERCEDES
ALL PRIOR TO 012015
FUEL TANK
GAUGE HEIGHT ${ }^{3}{ }^{3}$-g9"

PRECISION MEASUREMENT

$\rightarrow \rightarrow$


(ALL MEASUREMENTS ABOVE ARE IN INCHES)
EXAMPLE FOR ABOVE TRIM CORRECTIONS:


 | 5 |  |
| :---: | :---: |
| BT． |  |
| BOW | STERN |
| $-10-518$ | $10-5 / 8$ |
| $-10-518$ | $10-5 / 8$ |
| -10.518 | $10-5 / 8$ |
| $-10-518$ | $10-5 / 8$ |
| $10-1 / 2$ | $-10-1 / 2$ |
| $10-1 / 2$ | $-10-1 / 2$ |



| 8／1－zo－ | 81－zo | O日1S \＆ |
| :---: | :---: | :---: |
| 8／－zo－ | 81－20 | 18Od E |
| 8／L－z0 | 81／－zo－ | 0915 |
| 8／L－z0 | 815－20－ | LYOd |
| 8／－zo | 810－20－ | 0915 |
| 8ハー20 | 8／L－20－ | L8Od－ |
| N区GIS | $\overline{\mathrm{MOG}}$ |  |
| ＊ $1 \pm$ |  |  |

（ALL MEASUREMENTS ABOVE ARE IN INCHES） BARGE＂HTCO 3143＂
HSM 3143 FORMERLY
HSM 3143 FORMERLY
BARGE "HTCO $3143 "$


 RECISION MEASUREMENT
E ANALYSIS, INC.







GAUGE HEIGHT ${ }^{177^{\prime}-01 "}$




BARGE STRAPPED ANO COMPUTED IN ACCOROANCE WITH MPMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
HSM 3143 FORMERLY
BARGE "HTCO 3143"
ULLAGE TABLE


HSM 3143 FORMERLY
BARGE "HTCO 3143"
GAUGE HEIGHT $17^{-0} 314^{\prime \prime}$

 PRE

HSM 3143 FORMERLY
BARGE "HTCO 3143"


GAUGE HELSHT Tr.01"









[^6]





 PRECISION MEESUREMENT



BARGE STRAPPED AND COMPUTED IN ACCORDANEE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN ON EXPANSION DOME.
BARGE "HTCO 3143"


[^7]CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015


[^0]:    GARGE STRAPPED AND COMPUTED IN ACGOROANCE WHTH WPMS CHAPTER 2.7
    CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
    CAPACITY TABEE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIANETER STANDPIPE.

[^1]:    BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
    CAPACITY TAELE ONLY APPLIES WHEN BARGE IS OH EVEM KEEL.
    CAPACITY TAELE EXTENDS TO EXTREME HEIGHT OF TANK.
    GAUGE POINT: (HERMETIC) LOCATED O3'-00" OFF CENTERLINE AND O1'-00" FORWARD OF AFT BULKHEAD.
    GAUGE POINT: ( $10^{\prime \prime}$ HATCH) LOCATED O3'-00" OFF CENTERLINE AND 02-00" FORWARD OF AFT BULKHEAD.

[^2]:    
    CANCELS AND SUPERCEDES
    ALL PRIOR TO 012015

[^3]:    STRAPPED: 0110972015 SW
    CALCULATED 010101015 CL
    PRINTED: $01 / 1012015 \mathrm{SW}$

[^4]:    GARGE STRAPPED AND COMPUTED IN ACCCORDANCE WITH MPMS CHAPTER 2.7.
    CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANKK
    CAPACITY TABLE ONLY APPLIES TO IWNAGE GAUGES TAKEN ON EXPANSION DOME,
    GAUGE POINT: (HERMETIC) LOGATED $03^{-0} 0^{\prime \prime}$ OFF CENTERLINE AND O1'-00" FORWARD OF AFT BULKHEAD.
    GAUGE POINT: ( $10^{\prime \prime}$ HATCH) LOCATED O3'-00" OFF CENTERLUNE AND O2'-00" FORWARD OF AFT BULKHEAD.

[^5]:    STRAPPED: 01/09/2015 SW
    CALCULATED: $01 / 0912015 \mathrm{CL}$
    PRINTED: 01/10/2015 SW

[^6]:    STRAPPED: 01/09/2015 SW
    CALCULATED: 01/09/2015 CL
    PRINTED: 01/10/2015 SW
    CANCELLS AND SUPERCEDES
    ALL PRIOR TO O 012015

[^7]:    STRAPPED: 01/09/2015 SW
    CALCULATED: $01 / 19 / 2015 \mathrm{CL}$
    PRINTED: $01 / 10 / 2015 \mathrm{SW}$

