



| TANK VOLUME TABLE | | | | | | | | | | |
|---------------------|--------------------------|-----------|-----------|-----------------|-----------------|------------------|----------------|--------------------|----------------|--------------------|
| Tank No. | Tank Name | Frame Alt | Frame Fwd | Net Volume (m³) | 95% Volume (m³) | Specific Gravity | Weight (tonne) | LCG (fwd FR 0) (m) | TCG (+ SB) (m) | VCG (above BL) (m) |
| FUEL OIL | | | | | | | | | | |
| Tk 1 | FO Storage Tk | 26.00 | 31.00 | 8.835 | 8.394 | 0.840 | 7.951 | 28.265 | 0.000 | 0.808 |
| Tk 2 | FO Service Tk PS | 18.00 | 25.00 | 10.265 | 9.752 | 0.840 | 8.192 | 21.367 | -0.767 | 0.811 |
| Tk 3 | FO Service Tk SB | 18.00 | 25.00 | 10.265 | 9.752 | 0.840 | 8.192 | 21.367 | 0.767 | 0.811 |
| Tk 8A | FO Day Tk | 8.50 | 9.00 | 1.261 | 1.198 | 0.840 | 1.006 | 8.746 | -1.301 | 2.868 |
| Tk 9 | FO Storage / Overflow Tk | 2.00 | 9.00 | 8.488 | 8.064 | 0.840 | 6.774 | 5.704 | 0.000 | 1.182 |
| TOTAL FUEL OIL | | | | 39.114 | 37.160 | | 31.214 | | | |
| GASOLINE | | | | | | | | | | |
| Tk 13 | Gasoline Tk PS | 1.54 | 2.96 | 1.328 | 1.261 | 0.735 | 0.927 | 2.250 | -2.763 | 3.277 |
| Tk 14 | Gasoline Tk SB | 1.54 | 2.96 | 1.328 | 1.261 | 0.735 | 0.927 | 2.250 | 2.763 | 3.277 |
| TOTAL GASOLINE | | | | 2.656 | 2.522 | | 1.854 | | | |
| FRESH WATER | | | | | | | | | | |
| Tk 11 | Fresh Water Tk PS | 26.75 | 31.00 | 3.206 | - | 1.000 | 3.206 | 28.798 | -2.710 | 3.531 |
| Tk 12 | Fresh Water Tk SB | 26.75 | 31.00 | 3.206 | - | 1.000 | 3.206 | 28.798 | 2.710 | 3.531 |
| TOTAL FRESH WATER | | | | 6.412 | | | 6.412 | | | |
| LUBE OIL | | | | | | | | | | |
| Tk 5 | LO Storage Tk ME | 14.00 | 15.00 | 0.638 | - | 0.900 | 0.574 | 14.522 | 1.115 | 0.894 |
| TOTAL LUBE OIL | | | | 0.638 | | | 0.574 | | | |
| MISCELLANEOUS | | | | | | | | | | |
| Tk 4 | Blige Water Tk | 15.00 | 17.00 | 1.619 | - | 1.000 | 1.619 | 16.041 | -1.162 | 0.896 |
| Tk 6 | Sewage Sludge Tk | 12.50 | 13.00 | 0.575 | - | 1.000 | 0.575 | 12.748 | 0.000 | 0.771 |
| Tk 7a | Gray Water Tk | 9.00 | 12.00 | 3.994 | - | 1.000 | 3.994 | 10.517 | 0.000 | 0.874 |
| Tk 7b | Black Water Tk | 12.00 | 12.50 | 0.629 | - | 1.000 | 0.629 | 12.244 | 0.000 | 0.804 |
| Tk 15 | Dirty Oil & Sludge Tk | 13.00 | 15.00 | 2.541 | - | 1.000 | 2.541 | 14.022 | 0.000 | 0.752 |
| TOTAL MISCELLANEOUS | | | | 9.358 | | | 9.358 | | | |
| BALLAST WATER | | | | | | | | | | |
| Tk 16 | Ballast Water Tk SB | Alt | 1.00 | 1.495 | - | 1.025 | 1.532 | 0.541 | 2.005 | 1.758 |
| Tk 17 | Ballast Water Tk PS | Alt | 1.00 | 1.495 | - | 1.025 | 1.532 | 0.541 | -2.005 | 1.758 |
| TOTAL BALLAST WATER | | | | 2.990 | | | 3.065 | | | |

NOTES:

Void space situated between FR. 0 - FR. 1 will be filled with polyurethane foam.

Reference drawings:
AF6097-89940-03 LINES PLAN

MAIN DIMENSIONS:

| | |
|--------------------------------------|----------|
| Length moulded | 42.800 m |
| Beam moulded | 7.000 m |
| Depth at centerline (fr.14) | 3.910 m |
| Depth at side (fr.14) | 3.771 m |
| Least moulded depth at side (fr. 14) | 3.771 m |
| Frame spacing (s) | 1.000 m |

CCGS CONSTABLE CARRIÈRE

| | | | | | |
|---|----------|-------------|--|-----------------------|-----------------------|
| AF | 25/07/12 | AS-FITTED | RR | R.Creaser | B.Faulder |
| Rev | Date | Description | Perform | Check | Appr. |
| Client: CANADIAN COAST GUARD | | | Title: TANK ARRANGEMENT, CAPACITY PLAN | | |
| international contract engineering | | | MID-SHORE PATROL VESSEL | | |
| IRVING IRVING SHIPBUILDING INC. | | | Scale: 1:50 | Size: A0 | Project No: 6094 |
| P.O. Box 9110, 3099 Barrington Street, Halifax NS, Canada B3K 3A7, Tel: 902.423.9271, Fax: 902.429.4510 | | | Drawn by: G.Alexandru | Checked by: I.Mustata | Dwg. date: 15/06/2011 |
| Contract No: F7045-060001/002/NQ | | | Drawn no: AF6097-89940-02 | Rev: AF | Rev: AF |
| Proj: [Symbol] | | | © IRVING SHIPBUILDING INC. | | |
| Sheet: 1 of 1 | | | | | |

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