

SELENDANG AYU – FUEL CAPACITY CHART

| FUEL OIL (specific gravity = 0.980 t/m³) | | | | | | |
|--|-----------------------------|-------------------------------|---------------|---------------|--------------|--------------------------|
| DESCRIPTION | LOCATION | CAPACITY (m ³) | WEIGHT (t) | L.C.G. (m) | V.C.G (m) | MAX FREE SURFACE (tm) |
| No. 1 F.O.T. | No. 157 -217 | 870.4 | 853.0 | 162.99 | 0.84 | 6404.1 |
| No. 2 F.O.T. | No. 97 – 157 | 533.0 | 522.3 | 106.39 | 0.84 | 1013.6 |
| No. 3 F.O.T. | No. 37 – 97 | 474.9 | 465.4 | 57.26 | 0.84 | 821.3 |
| No. 4 F.O.T. (P) | No. 28 – 38 | 266.4 | 261.1 | 26.03 | 14.97 | 68.4 |
| No. 4 F.O.T. (S) | No. 24 -38 | 175.6 | 172.1 | 25.13 | 13.04 | 81.1 |
| F.O. Overflow Tank | No. 33 - 36 | 24.5 | 24.0 | 27.03 | 1.20 | 15.9 |
| F.O. Service Tank | No. 34 – 37 ⁺²⁰⁰ | 36.1 | 35.3 | 27.97 | 16.85 | 14.8 |
| F.O. Settling Tank | No. 29 - 34 | 50.0 | 49.0 | 24.69 | 16.85 | 16.8 |
| TOTAL | | 2430.9 | 2382.3 | 98.74 | 3.84 | 8436.0 |
| | | or 642,171 gal | | | | |
| DIESEL OIL (specific gravity = 0.880 t/m³) | | | | | | |
| DESCRIPTION | LOCATION | CAPACITY (m ³) | WEIGHT (t) | L.C.G. (m) | V.C.G (m) | MAX FREE SURFACE (tm) |
| Diesel Oil Tank (P) | No. 24 – 28 | 80.4 | 70.8 | 20.32 | 15.27 | 12.9 |
| Diesel Oil Tank (S) | No. 20 - 36 | 52.3 | 46.1 | 23.53 | 1.42 | 25.8 |
| D.O. Service Tank | No. 25 – 27 | 17.1 | 15.1 | 20.26 | 16.85 | 3.7 |
| D.O. Settling Tank | No. 27 - 29 | 18.2 | 16.0 | 21.86 | 16.85 | 4.5 |
| TOTAL | | 168.0 | 147.8 | 21.48 | 11.31 | 46.9 |
| | | or 44,381 gal | | | | |
| MISCELLANEOUS TANK | | | | | | |
| DESCRIPTION | LOCATION | CAPACITY (m ³) | WEIGHT (t) | L.C.G. (m) | V.C.G (m) | MAX FREE SURFACE (tm) |
| Cooling Water Tank | No. 7 - 11 | 17.3 | 17.3 | 7.34 | 3.38 | 1.8 |
| Bilge Tank | No. 11 - 17 | 26.1 | 26.1 | 11.42 | 1.32 | 18.2 |
| Oily Bilge Tank | No. 20 – 36 | 52.3 | 52.3 | 23.53 | 1.48 | 29.3 |
| Boiler Feed W. Tank | No. 36 ⁺⁴⁰⁰ - 38 | 12.5 | 12.5 | 29.25 | 16.32 | 8.6 |
| Lube Oil Sump Tank | No. 19 – 31 | 20.2 | 18.6 | 19.45 | 1.38 | 8.1 |
| Lube Oil Service Tank | No. 35 – 37 ⁺²⁰⁰ | 23.8 | 21.9 | 28.35 | 17.00 | 6.3 |
| Lube Oil Settling Tank | No. 35 – 37 ⁺²⁰⁰ | 19.6 | 18.0 | 28.35 | 17.00 | 3.5 |
| G/E Lube Oil Tank | No. 35 – 37 ⁺²⁰⁰ | 17.3 | 15.9 | 28.35 | 17.00 | 2.4 |
| No. 1 Cyl Oil Storage Tank | No. 35 – 37 ⁺²⁰⁰ | 15.6 | 14.3 | 28.35 | 17.00 | 1.7 |
| No. 2 Cyl Oil Storage Tank | No. 35 – 37 ⁺²⁰⁰ | 15.6 | 14.3 | 28.35 | 17.00 | 1.7 |
| TOTAL | | 220.3 | 211.2 | 22.61 | 8.69 | 81.6 |

F.O. = Fuel Oil
D.O. = Diesel Oil
L.C.G. = longitudinal center of gravity
V.C.G. = vertical center of gravity

Volume Conversion: 1 m³ = 264.17 U.S. Gallons