Tolls Calculation Guide for a Panamax Tanker Vessel

Panamax Tanker toll structure remains in PC/UMS bands:

**Tariff for Panama Canal Net Tonnage PC/UMS**

- **PC/UMS ton =** 100 cubic feet or 2.83 cubic meters

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**Example #1: Laden Panamax Tanker** – 40,000 DWT = 18,490 PC/UMS * laden tariff

10,000 PC/UMS x $5.00 = $50,000.00
8,490 PC/UMS x $4.90 = $41,601.00

**18,490 PC/UMS** \[\text{Total Toll} \] \[\$91,609.00\]

*Multiplying by $5.00 the first 10K PC/UMS tons +
multiplying by $5.00 the rest PC/UMS tons, results in
Total Toll*

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**Example #2: Ballast Panamax Tanker** 40,000 DWT = 18,490 PC/UMS * ballast tariff

10,000 PC/UMS x $4.14 = $41,400.00
8,490 PC/UMS x $3.99 = $33,875.10

**18,490 PC/UMS** \[\text{Total Toll} \] \[\$75,275.10\]

*Multiplying by $4.14 the first 10K PC/UMS tons +
Multiplying by $3.99 the rest PC/UMS tons, results in
Total Toll*

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For further details about toll structure please refer to:
- Toll estimator: [https://peajes.panama-canal.com/ppal.aspx](https://peajes.panama-canal.com/ppal.aspx)
Fixed tariff for Panama Canal Net Tonnage (PC/UMS)

Variable tariff for metric tons of cargo transported

Total tolls

Example #1: Laden Aframax Tanker – 100,000 DWT = 46,136 PC/UMS + 60,000 cargo tons * laden tariff

$$
\begin{align*}
\text{PC/UMS} \times \text{fixed rate} & \quad \text{Fixed Toll} \\
10,000 & \times 5.17 = 51,700.00 \\
10,000 & \times 5.00 = 50,000.00 \\
15,000 & \times 5.10 = 76,500.00 \\
10,000 & \times 4.00 = 40,000.00 \\
1,136 & \times 3.25 = 3,692.00 \\
\hline
\text{Total} & \quad 211,892.00 \\
\text{Metric Tons (MT)} & \quad 60,000 \\
\text{Variable Toll} & \quad 17,000.00 \\
\hline
\text{Total Toll} & \quad 228,892.00 \\
\end{align*}
$$

Adding Total Fixed Toll and Total Variable Toll results in Total Toll.

Example #2: Ballast Aframax Tanker – 100,000 DWT = 46,136 PC/UMS * ballast tariff

$$
\begin{align*}
\text{PC/UMS} \times \text{fixed rate} & \quad \text{Fixed Toll} \\
10,000 & \times 4.14 = 41,400.00 \\
10,000 & \times 3.99 = 39,900.00 \\
15,000 & \times 3.80 = 57,000.00 \\
10,000 & \times 3.60 = 36,000.00 \\
1,136 & \times 3.35 = 3,919.20 \\
\hline
\text{Total} & \quad 178,219.20 \\
\text{Metric Tons (MT)} & \quad 0 \\
\text{Variable Toll} & \quad 0.00 \\
\hline
\text{Total Toll} & \quad 178,219.20 \\
\end{align*}
$$

For further details about toll structure please refer to:
- Toll estimator: [https://peajes.panama-canal.com/ppal.aspx](https://peajes.panama-canal.com/ppal.aspx)
Tolls Calculation Guide for a Chemical Vessel

Chemical Toll Structure remains in PC/UMS bands:

1. **Tariff for Panama Canal Net Tonnage PC/UMS**

   - PC/UMS ton = 100 cubic feet or 2.83 cubic meters

2. **Total Toll**

Example #1: Laden Chemical Vessel – 42,500 DWT = 24,871 PC/UMS * laden tariff

\[
\begin{align*}
10,000 \text{ CP/SUAB} \times $5.31 &= $53,100.00 \\
10,000 \text{ CP/SUAB} \times $5.23 &= $52,300.00 \\
4,871 \text{ CP/SUAB} \times $5.13 &= $24,988.23 \\
\hline
24,871 \text{ PC/UMS} &= $130,388.23
\end{align*}
\]

Multiplying by $5.31 the first 10K PC/UMS tons + multiplying by $5.23 the next 10K PC/UMS tons + multiplying by $5.13 the rest PC/UMS tons, results in Total PC/UMS Toll

Example #2: Ballast Chemical Vessel – 42,500 DWT = 24,871 PC/UMS * ballast tariff

\[
\begin{align*}
10,000 \text{ PC/UMS} \times $4.52 &= $45,200.00 \\
10,000 \text{ PC/UMS} \times $4.44 &= $44,400.00 \\
4,871 \text{ PC/UMS} \times $4.36 &= $21,237.56 \\
\hline
24,871 \text{ PC/UMS} &= $110,837.56
\end{align*}
\]

Multiplying by $4.52 the first 10K PC/UMS tons + multiplying by $4.44 the next 10K PC/UMS tons + multiplying by $4.36 the rest PC/UMS tons, results in Total PC/UMS Toll

For further details about toll structure please refer to:
- Toll estimator: [https://peajes.panama-canal.com/ppal.aspx](https://peajes.panama-canal.com/ppal.aspx)