**Analysis**

|  |  |  |  |
| --- | --- | --- | --- |
| **VESSEL NAME:** |  | **VOYAGE NO.:** |  |
| **CLIENT:** |  | **LOADING CONDITION:** |  |
| **FROM:** |  | **ATD:** |  |
| **TO:** |  | **ATA:** |  |

1. **Good Weather Analysis**

|  |  |
| --- | --- |
| Good Weather Average Speed: | kn |
| Good Weather Current Factor: | kn |
| Good Weather Performance Speed: | kn |
|  |  |
| **Conclusion:** | |

1. **Time Analysis**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1) Good Weather Performance Speed < C/P Speed - Speed Margin, then Time Loss. | | | | | |
| Good Weather Performance Speed > C/P Speed, then Time Gain. | | | | | |
| C/P Speed - Speed Margin ≤ Good Weather Performance Speed ≤ C/P Speed, then No Time Loss or Gain. | | | | | |
| 2) If Time Loss, | Time Loss = | Total Distance | | - | Total Distance |
| Good Weather Performance Speed | | C/P Speed - Speed Margin |
| If Time Gain, | Time Gain = | Total Distance | | - | Total Distance |
| C/P Speed | | Good Weather Performance Speed |
|  | | | | | |
| C/P Speed: | | | kn | | |
| C/P Speed - Speed Margin: | | | kn | | |
| Good Weather Performance Speed: | | | kn | | |
|  | | |  | | |
| **Conclusion:** | | | | | |

1. **Consumption Analysis**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1) Consumption at Good Weather Performance | = | | Total Distance | × | Good Weather Daily Consumption |
| Good Weather Performance Speed | 24.00 hours |
| 2) Maximum Warranted Consumption | = | | Total Distance | × | C/P Daily Consumption + Consumption Margin |
| Calculation Speed\* | 24.00 hours |
| Minimum Warranted Consumption | = | | Total Distance | × | C/P Daily Consumption - Consumption Margin |
| Calculation Speed\* | 24.00 hours |
| 3) Consumption at Good Weather Performance > Maximum Warranted Consumption, then Over-consumption. | | | | | |
| Consumption at Good Weather Performance < Minimum Warranted Consumption, then Under-consumption. | | | | | |
| Minimum Warranted Consumption ≤ Consumption at Good Weather Performance ≤ Maximum Warranted Consumption, then No Over-consumption or Under-consumption. | | | | | |
| 4) If Over-consumption, | | Over-consumption = Consumption at Good Weather Performance - Maximum Warranted Consumption. | | | |
| If Under-consumption, | | Under-consumption = Minimum Warranted Consumption - Consumption at Good Weather Performance. | | | |
| \*If Time Loss, Calculation Speed = C/P Speed - Speed Margin.  If Time Gain, Calculation Speed = C/P Speed.  If No Time Loss or Gain, Calculation Speed = Good Weather Performance Speed. | | | | | |

**Fuel Oil**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Good Weather Consumption at Good Weather Performance | = | 12 | × | aa | =aamt |
| aa | 24.00 |
| Good Weather Maximum Warranted Consumption | = | 12 | × | aa | =aa mt |
| aa | 24.00 |
| Good Weather Minimum Warranted Consumption | = | 12 | × | aa | =aa mt |
| aa | 24.00 |
|  | | | | | |
| **Conclusion:** | | | | | |

**Diesel/Gas Oil**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Good Weather Consumption at Good Weather Performance | = |  | × |  | = mt |
|  | 24.00 |
| Good Weather Maximum Warranted Consumption | = |  | × |  | = mt |
|  | 24.00 |
| Good Weather Minimum Warranted Consumption | = |  | × |  | = mt |
|  | 24.00 |
|  | | | | | |
| **Conclusion:** | | | | | |