Bunker Trading Around the World

The shipping industry, bunker energy, and sustainability are focused on the development and usage of alternative ships. The goal is to reduce the effect on the atmosphere and the environment. As shipping companies face a number of challenges on profitability, finding and comparing ways to manage fuel delivery and consumption is becoming increasingly important. This infographic dives into the bunkering business, taking a look at important bunker trading ports, bunker fuel types and refinery operations and explains how AspectCTRM’s solution is the leading choice for bunker traders and bunker trading businesses.

**Bunker Fuel Origins**

Bunker fuel started being used in the 1950s as the primary power source for vessel engines in the shipping industry.

**Marine Fuel Types**

3 Types:

1. **Distillate Fuel**
   - Marine Gas Oil (MGO), Marine Diesel Fuel or Intermediate Fuel Oil (IFO)
   - The result of refining residua with cutting point, middle distillates and heavy fuel oil.
   - MGO is the most common distillate fuel.

2. **Residual Fuel**
   - Marine Fuel Oil (RMA-RML), Heavy Fuel Oil (HFO)
   - A general classification for heavy fuel oil.
   - HFO is heavily used in transoceanic ships.

3. **Intermediate Fuel Oil (IFO)**
   - A general classification for intermediate fuel.
   - IFO can be used in transoceanic ships.

**Future Predictions**

Between 2006 and 2020, total consumption will grow at an average annual rate of 2.6%.

The fuel consumption related to U.S. trade is forecasted to grow from 2006 to 2020.

- **1. Rotterdam** (10.5 million mt) – Largest Port in Europe
- **2. Fujairah** (24 million mt) – Singapore, China, the UAE, South Korea
- **3. Rotterdam** (6.5 million mt) – Antwerp
- **4. Hong Kong** (4 million metric tons) – Singapore
- **5. Singapore** (4 million metric tons) – Singapore

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**Refining Operations**

1. **Distillation:**
   - The distillation column separates the product to meet specifications.
   - The product to meet specifications.

2. **Desulfurization:**
   - Desulfurization is an important process to remove sulfur from residual fuel.
   - A general process for removing sulfur from residual fuel.

3. **Refining:**
   - Refining is used to improve the product to meet specifications.

4. **Blending:**
   - Blending is used to improve the product's properties to meet specifications.

**AspectCTRM for Bunker Trading**

AspectCTRM deliver the ability and specialized tools for bunker traders throughout the trade process.

Bunker Trading is ready to be one of the most important and competitive business.

- Manage bunker sales
- Manage bunker purchases
- Capture and report profitability on each product spot and bunker-related transactions:
  - Global bunker fuel
  - Global bunker fuel
  - Global bunker fuel

- Manage bunker sales
- Manage bunker purchases
- Record key performance indicators and metrics.

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