

BUNKERING PROCEDURE

Bunker School

09/2010

It is our hope that you will not perceive this document as a set of instructions demanding strict practise compliance, but rather as a useful tool for your on-going business once BunkerBridge online trading is considered.

Overview

- Voyage plan
- Consumption calculation
- Possible ports for bunkering
- Bunker enquiry
- Negotiation
- Contract
- Bunkering operation
- Dispute settlement

Step 1-Voyage Plan

- Calculation of income items: gross freight, demurrage
- Calculation of voyage expense: fuel, port expenses, tax
- Calculation of voyage duration items: steaming days, port days and allowances for extra days for waiting, delay, bad weather

Case study



Practical considerations

- Bunker Quantity to be replenished
- Bunker remainder on board
- Route diversion for bunkering
- Bunker price and quantity in various ports
- Cargo carrying capacity

Step 2-Consumption calculation

- **TIPS:** free sources available on the Internet.

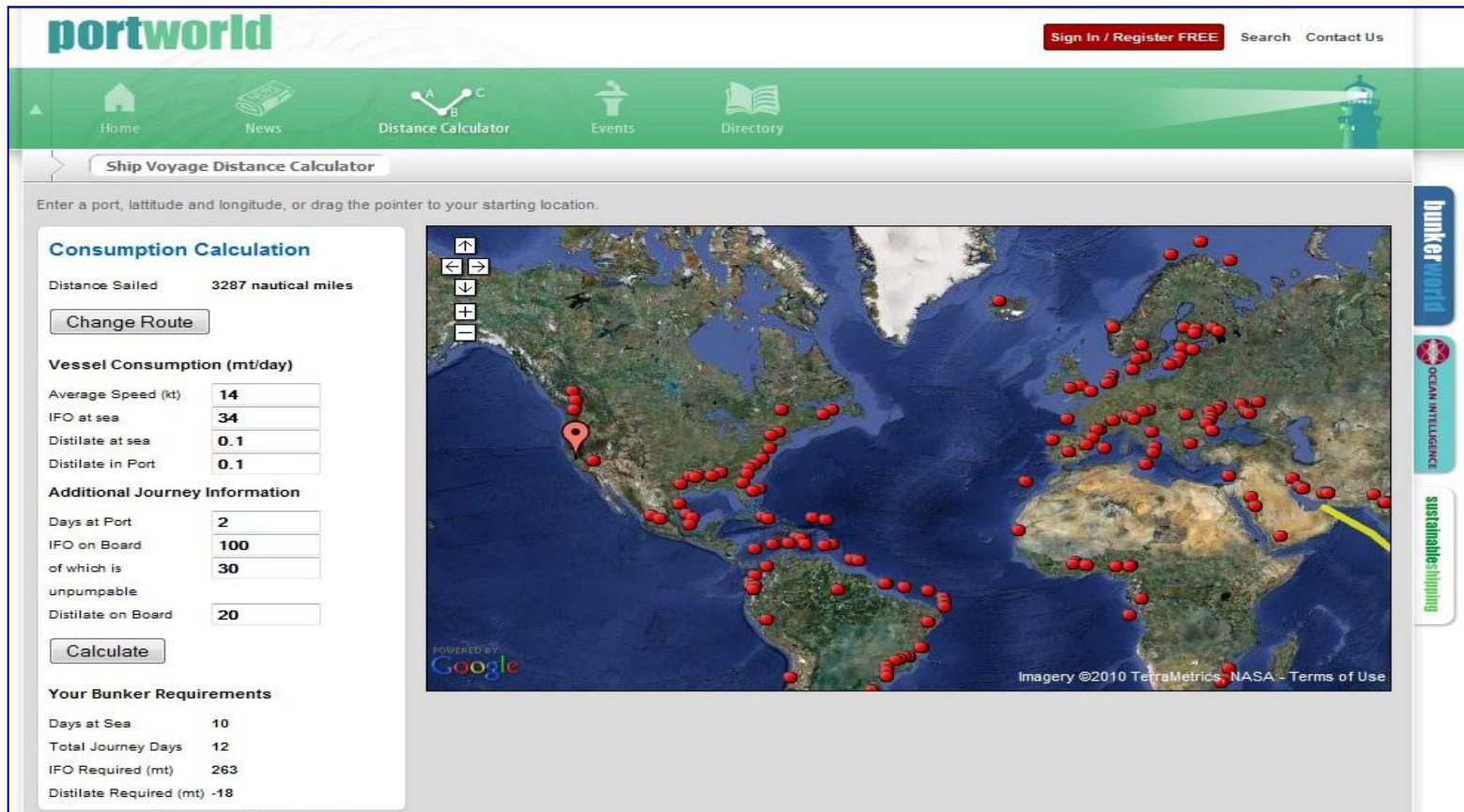
1. <http://www.portworld.com/map/> (**Case Study** )

2. <http://e-ships.net/dist.htm>

3. http://netpas.net/products/product_detail_DT_EN.php

Consumption Calculation-Case Study

- Go to: <http://www.portworld.com/map/>



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Home News Distance Calculator Events Directory

Ship Voyage Distance Calculator

Enter a port, latitude and longitude, or drag the pointer to your starting location.

Consumption Calculation

Distance Sailed 3287 nautical miles

Change Route

Vessel Consumption (mt/day)

Average Speed (kt) 14

IFO at sea 34

Distillate at sea 0.1

Distillate in Port 0.1

Additional Journey Information

Days at Port 2

IFO on Board 100

of which is 30

unpumpable

Distillate on Board 20

Calculate

Your Bunker Requirements

Days at Sea 10

Total Journey Days 12

IFO Required (mt) 263

Distillate Required (mt) -18

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bunker world OCEAN INTELLIGENCE sustainable shipping

■ Key in or Choose:

■ Starting Port:

■ Destination Port:

■ Show Distance In:

■ Click:

■ Vessel Consumption (mt/day)

■ Average Speed (kt):

■ IFO at Sea:

■ Distilate at Sea:

■ Distilate in Port

■ Additional Journey Information

■ Days at Port:

■ IFO on Board:

■ Distilate on Board:

■ Click:

Calculate

■ Your Bunker Requirements

■ Days at Sea:

■ Total Journey Days:

■ IFO Required (mt):

■ Distilate Required (mt):

Step 3 – Choose ports

- World Port Source:

<http://www.worldportsource.com/ports/region.php>

(Map & Satellite)



Home >> Regions

Find ports by Region

- Africa, Eastern
- Africa, Northern
- Africa, Southern
- Africa, Western
- America, Central
- America, North
- America, South
- Asia, Eastern
- Asia, Southeast
- Asia, Southern
- Asia, Western
- Caribbean
- Europe, Eastern
- Europe, Northern
- Europe, Southern
- Europe, Western
- Micronesia
- Oceania

Ads by Google

- Port
- Port & Company
- Port of Brisbane

World Ports by Region

Map | Satellite | Hybrid

Region icons are blue Country icons are green Port icons are red

Step 4 - Bunker enquiry

Please indicate the following details for a bunker enquiry:

- Company Name
- Vessel name
- ETA
- Port
- Products & Quantity

Step 5 – Negotiation

- Ship owner/operator can ask for bunker quotation from a few traders simultaneously
- At the end of the negotiation, the buyer can only give “**firm counter**” to one trader to fix a deal
- Upon acceptance of a firm counter, the bunker order can be placed

Step 6 – Contract

- A list of factors which are critical in the supply should be carefully checked in the contract of bunker order
- Upon receipt of the contract, ship owner/operator is expected to send a confirmation email or message for acceptance of the contract terms.

Step 7 – Bunker operation

- Ship owner/operator are expected to liaise closely with local agent and physical supplier to ensure smooth bunker supply
- Ship owner/operator are expected to instruct their local agent to inform both supplier and trader regarding any update on vessel ETA

Step 8 – Dispute settlement

- It is far easier to avoid a disagreement than to try to resolve one afterwards
- Kindly refer to our series documents on how to avoid and resolve bunker disputes in Bunker School

Appendix - Jargon

Commercial

- Inquiry: Request for a bunker price
- Firm counter:
- Nomination: Agreement for bunker supply
- Posted price: Fixed price issued by government
- Ex wharf: Excluding cost of delivery
- Subjects: Points awaiting clarification

Appendix - Jargon

Technical

- 380cst: Description of fuel grad (viscosity of oil at 50 degrees)
- MDO: Marine Diesel fuel
 - DMB (distillate) DMC (blended)
- Gas Oil: Light diesel fuel
 - DMA
- ISO 8217: Quality standard for fuels
 - RME180, RMG380, RMK700, DMA, DMB, DMC

Appendix - Jargon

Operational

- Ex barge: delivered by small ship/barge
- Ex pipe: delivered by pipeline & hose
- RTW: delivered by road/rail tanker
- Concurrent: delivered whilst vessel is working cargo
- SECA: Sulphur Emission Control Area