

WRI provides two interactive software packages that enable fast access/viewing of weather and marine data with optimum route calculations: **Dolphin OnLine** and **Dolphin OnBoard**. **Dolphin OnLine** is an internet-based program that allows the user to view the latest global and high-resolution weather/ocean data and charts for their upcoming itinerary and to plan the most efficient route to prosecute a fast/safe transit. **Dolphin OnBoard** is a similar program which is downloaded to your desktop and does not require continuous internet connection. Both products assist with IMO Guidelines for efficient voyage planning and comply with SEEMP.

Products and Overlays (OnLine / OnBoard):

- Winds/Seas
- Pressure/Precipitation/Visibility/Temperatures
- Tropical Cyclone Analysis
- Ocean Currents/Sea Surface Temperatures
- Sea Ice/Freezing Spray
- Ship/Buoy observations (real-time)
- Piracy Reports/Earthquakes/Tsunamis
- ECA zones, Rolling/Resonance, and much more

Data (OnBoard):

- Data file emailed/downloaded at vessel request.
- Data covers route over next 10 days or a specific region.
- User selects weather/ocean data products.
- 3 hourly data available through 72 hours.
- Global and **WRI** high-resolution data included.

Data (OnLine):

- Automatically updated 4 times per day with latest data.
- Weather/Ocean data products selected on-demand extending out 10 days.

Voyage Planner Route Optimization:

- Upcoming itinerary/voyages automatically entered in the system.
- Enter multiple comparison routes with all route options plotted together on charts.
- Modify departure time/route/speed/consumption.
- Compare weather/currents/distance/time/consumption on different routes.
- Route summary table guides user to optimum transit for their requirements.

**Minimize/Avoid Heavy Weather + Optimize Currents +
Minimize Distance = Maximum Voyage Efficiency +
Lower Operating/Fuel Costs**

