Dolphin Fleet Monitoring Dashboard

WRI WEATHER ROUTING INC.

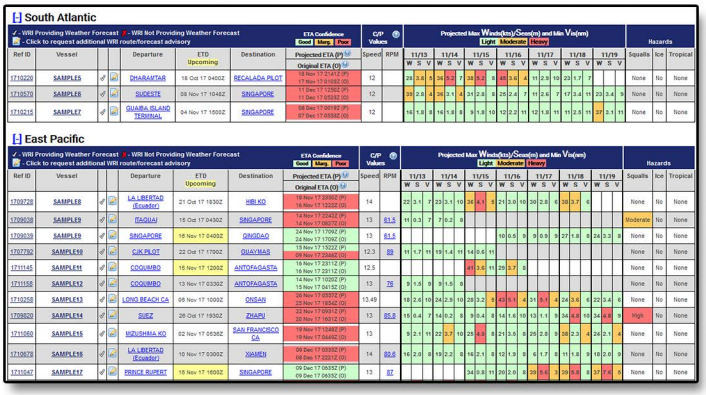
WRI's Dolphin Fleet Monitoring Dashboard is your "one-stop shop" to monitor all weather and performance-related data for your fleet from any device with an Internet connection.

Weather/Safety

This section allows you to quickly view weather-related information and potential hazards for each vessel over the next 7 days.

- Maximum winds/seas and minimum visibility over the next 7 days
- Potential weather hazards, including severe squalls, sea ice, and tropicals
- Request detailed forecast/routing advice for a specific transit
- Direct access to **Dolphin *OnLine*** forecast maps, **Voyage Planner**, and **Port Forecasts***
- Projected ETA and "confidence", with comparison to the original ETA*
- Instructed speed for each transit, with detailed voyage RPM Graphs*

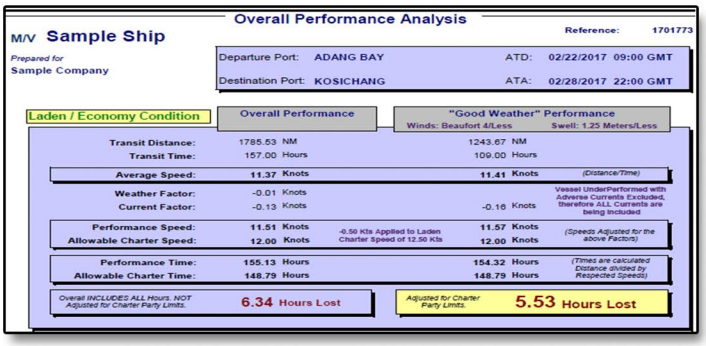
*Also Available on the Performance/Claims and Optimization/Efficiency tabs



Performance/Claims

This section provides a snapshot of preliminary speed/consumption performance to-date, along with projections for the total transit. A historical record of actual performance for past transits is also available.

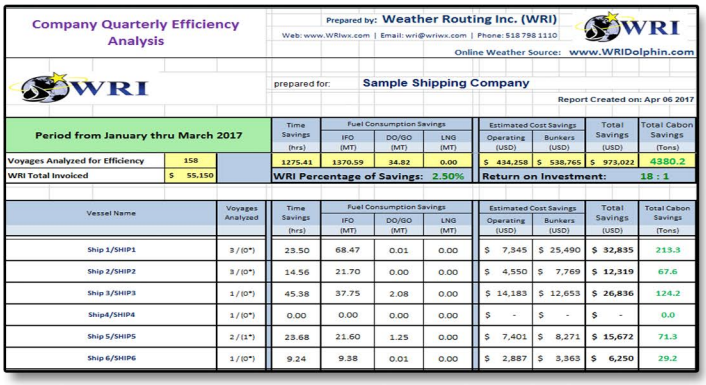
- Specifies loaded condition, instructed speed and consumption
- Analyzes overall speed, "good weather" speed and actual consumption
- Calculates to-date loss/gain of time/bunkers compared to the C/P or instructed values
- Calculates projected loss/gain of time/bunkers compared to the C/P or instructed values over the entire voyage
- View a historical record of actual performance by voyage, with direct access to performance reports



Optimization/Efficiency

This section provides a summary of the "efficiency" of the voyage, including weather/current impacts, projected steaming time and bunker consumption, and projected voyage costs. An analysis of time and bunker "savings" achieved by using WRI's optimum routing services are also available.

- Projected total steaming time, IFO/MDO consumption, and time/LSMGO consumption within ECA
- Estimated hire and bunker costs for each transit
- View actual weather/currrent factors and time/bunker consumption for past transits
- View time and bunker "savings" (Voyage Efficiency) achieved by utilizing WRI's optimum routing services
- Add an "event" (hull cleaning, engine maintenance, etc.) to evaluate vessel performance before/after the event



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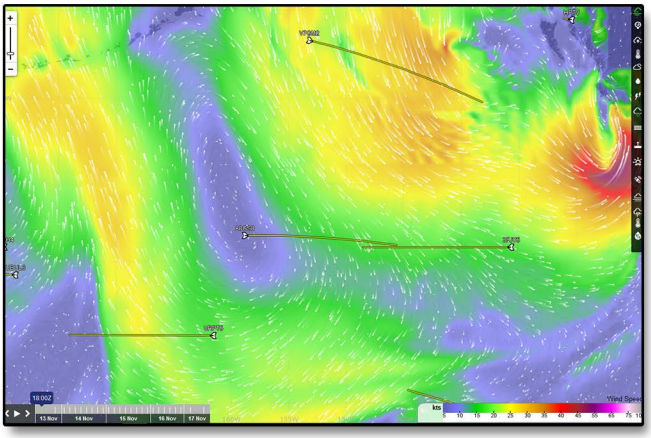
Fleet Status

The Fleet Status section allows you to examine all vessels and voyages in our database under your company.

- View all known current/upcoming transits in our database, with latest position/weather
- Modify itinerary, service type, instructed speed/consumption, or any other instructions
- Submit a new voyage to **WRI** to initiate forecasting and/or performance analysis services
- Start/stop services for a specific vessel/voyage

Departure	ETD	Destination	ETA	Instructed Speed	IFO Consumption	Ballast/Laden	Routing/Forecasts	Performance	Port Consumption	Edit
DHAMRA, INDIA	10 Nov 2017 10:00Z	PORT LOUIS (Mauritius)	21 Nov 2017 12:53Z	12.25	38.5	Ballast	✓	✓		
PORT LOUIS (Mauritius)	24 Nov 2017 12:00Z	PORT ELIZABETH	01 Dec 2017 02:09Z	12.25	38.5	Ballast	✓	✓		
PORT ELIZABETH	02 Dec 2017 16:00Z	ITAGUAI	15 Dec 2017 22:09Z	12.25	38.5	Ballast	✓	✓		

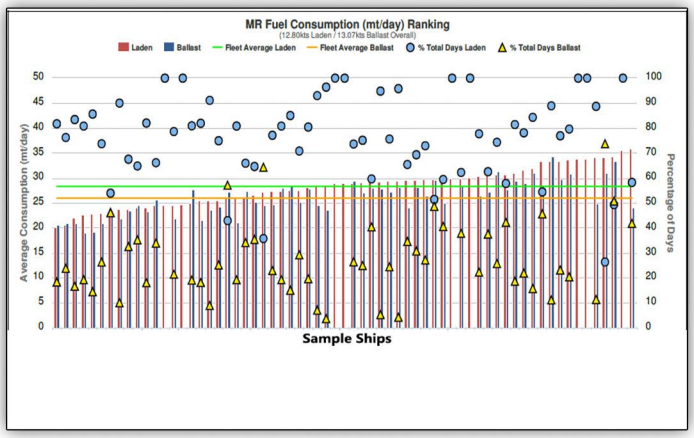


Reports

This section allows you to view all reports and summaries for your entire fleet or individual vessels.

- **Weather Prognostics** - Products detailing forecast weather conditions with outlooks for potential "heavy weather" or "good weather"
  - Adverse Weather Summary
  - Projected Good Weather
- **Performance Claims** - Products showing potential savings or underperformance of time/bunkers basis the C/P description
  - Performance Status Reports
  - Voyage Performance Reports
  - Port Consumption Reports
  - Performance Summary
- **Fleet Analysis/Efficiency** - Summary products detailing emissions and optimization which highlight the "efficiency" of your fleet and show the benefits achieved by using WRI optimum routing services
  - Efficiency
  - Emissions
  - Comparisons and Timelines
  - RPM Graphs
  - Voyage Performance Analysis
  - Voyage Report
- **Message Traffic** - Record of actual messages between WRI and the vessel.

Vessel (Click to View Ship)	Departure (Click to View Port; Services Provided)	Arrival (AWAIT Authorization)	Wind (knots) Dir	Wind (knots) Speed	Wind (knots) Gust	Swell / Seas (meters) Dir	Swell / Seas (meters) Height	Swell / Seas (meters) Per	Swell / Seas (meters) Rolling	Vis (nm)	Squalls (prob)	Ice	Tropical (Click to View)
Day 1 - 9/4/2017													
Sample Ship 1	BALTIMORE MD	BERMUDA	WNW	34-37	43	N	2.0-2.5	2	None	9	None	No	POST-TROPICAL CYCLONE HERMINE Located 285nm SouthEast of
Sample Ship 2	NEW YORK CITY NY	Boston MA	NE	45-47	52	ESE	4.5-5.0	6	None	7	None	No	POST-TROPICAL CYCLONE HERMINE Located 224nm SouthWest
Day 2 - 9/5/2017													
Sample Ship 2	CABO SAN LUCAS	In Port (View Tender Report)	ENE	33-34	50	SSW	1.0-1.5	8	None	9	Extreme	No	TROPICAL LOW #1 Located 190nm SouthEast of Vessel
Sample Ship 3	CABO SAN LUCAS	MAZATLAN	ESE	39-42	73	SE	3.0-3.5	6	None	8	Extreme	No	None
Sample Ship 4	BALTIMORE MD	BERMUDA	WNW	39-44	46	NNW	5.0-5.5	3	None	8	None	No	POST-TROPICAL CYCLONE HERMINE Located 261nm East of
Sample Ship 2	Boston MA	In Port	NE	20-23	32	NE	1.0-1.5	2	None	7	None	No	POST-TROPICAL CYCLONE HERMINE Located 287nm South of
Sample Ship 2	Boston MA	Portland ME	NE	23-26	32	ESE	2.5-3.0	2	None	3	None	No	POST-TROPICAL CYCLONE HERMINE Located 254nm South of
Day 3 - 9/6/2017													
Sample Ship 5	BELIZE CITY	In Port (View Tender Report)	NE	20-21	25	ENE	0.5-1.0	2	None	9	None	No	None
Sample Ship 3	CABO SAN LUCAS	MAZATLAN	SE	41-44	87	SSE	5.5-6.0	8	None	7	High	No	None
Sample Ship 3	MAZATLAN	In Port	SSE	32-35	45	SSW	3.0-3.5	8	None	7		No	None
Sample Ship 4	BALTIMORE MD	BERMUDA	SW	26-31	33	WNW	3.5-4.0	7	None	9	None	No	POST-TROPICAL CYCLONE HERMINE Located 217nm North of
Sample Ship 2	Boston MA	Portland ME	ENE	17-22	24	ESE	2.5-3.0	7	None	2	None	No	POST-TROPICAL CYCLONE HERMINE Located 278nm South of
Sample Ship 2	Portland ME	In Port	NNE	10-13	15	ESE	0.0-0.5	9	None	5		No	POST-TROPICAL CYCLONE HERMINE Located 297nm South of
Sample Ship 6	CIVITAVECCHIA	In Port	NNE	20-23	26	NNW	0.5-1.0	3	None	10	None	No	None



WRI's Dolphin Fleet Monitoring Dashboard provides your operations team with a tool to quickly and easily view any weather and performance-related information for your fleet. Our operations team is available 24/7 as well to help answer any questions.

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