

# CANADA Daily News and Updates February 8th 2024

## Ocean Updates

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## Sustainability

- Chalmers University Highlights Risks of Ammonia as a Fuel

## Ocean Updates

### Revised Carrier Schedules Bedding-in, Say Shippers, But They See Trouble Ahead

Amid continuing attacks on commercial shipping by Houthi rebels, scheduling issues caused by re-routing of services away from the Suez Canal and around the Cape of Good Hope (CGH) have begun to stabilize.

Director of Global Shippers Forum James Hookham said: “There was a bit of a lull in ports while the diversions were in place, so there were a lot of ships that didn’t turn up when they were expected to, but they are on their way and they’re starting to arrive.

“We should see stability in schedules and arrivals now – albeit it will take longer for goods to get here – but they should bed down into the new arrangements and start to get back to the regular pattern shippers are expecting.”

Read more in an [article from The Loadstar](#).

## Sustainability

### Chalmers University Highlights Risks of Ammonia as a Fuel

Interest in hydrogen-rich green ammonia as a shipping fuel is growing, but Chalmers University of Technology in Sweden has highlighted the downsides in a new research paper.

Chalmers’ researchers carried out life cycle analyzes for batteries and for three electrofuels including ammonia. Eutrophication and acidification are some of the environmental problems that can be traced to the use of ammonia – as well as emissions of laughing gas, which is a very potent greenhouse gas.

In the search for viable fossil-free marine fuels, ammonia has been on the agenda for several years as one of the strongest alternatives. Ammonia (NH<sub>3</sub>) is a carbon-free fuel and has the advantage of a higher energy density than hydrogen. Unlike hydrogen, it can also be liquefied fairly easily although it is a gas at standard conditions. A significant disadvantage is that the production of electro-ammonia (green ammonia) is very energy-intensive.

Read more in an [article from WorldCargo News](#).