

## Optifloat for Princess Cruises

Knud E Hansen is providing computational fluid dynamics (CFD) analysis for trim management using Onboard NAPA's Optifloat to Princess Cruises' Grand class vessels.

Optifloat, which is an add-on module to Onboard NAPA's loading computer, provides crew with optimal floating positions for voyage planning. It does this by comparing the vessel's current floating position with speed and power data of various speed/trim/draft conditions already loaded into the software.

The system can also be used to save fuel by suggesting the best trim and draft to achieve the floating position with the most favourable resistance based on the desired speed for a given voyage.

[www.knudehansen.com](http://www.knudehansen.com)

