

# DESMI Pumps on board frigates in the Royal Danish Navy

Iver Huitfeldt, Peder Willemoes & Niels Juul - all these three frigates have shock rated and high-efficiency DESMI pumps on board

Back in 2008-2011 Odense Staalskibsværft built these frigates for the Royal Danish Navy - and DESMI supplied the full pump packages.

The pumps are used for a number of different applications:

- Fire
- Cooling (AC Refrigeration, Machinery)
- Ballast / Heeling
- D.O. Transfer
- Boiler Water Circulation
- Seawater Cooling
- Fresh Water Cooling
- A/C and Provision Cooling
- Fresh Water Hydrophore
- Etc.



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CASE STORY



All pumps are shock-rated and live tested according to NATO STANAG 4142 and a live test video is available on our website:

<https://www.desmi.com/defence-fuel.aspx>

Further, Det Norske Veritas (DNV) has evaluated all DESMI pumps and issued certificates on the shock performance.

## Fact Box on the Niels Juul frigate

**Displacement:** 6,600 tonnes  
**Length:** 138.70 metre  
**Width:** 19.75 metre  
**Draught:** 5.30 metre  
**Speed:** 28+ knot  
**Range:** 9,000 sea mile  
**Crew:** 100 people (load capacity 165 people)

**Built at Odense Staalskibsværft in 2009**  
**Launched December 21st 2011.**

