

# Swedish Ice Fleet

**TransAtlantic**  
Vidar Viking, Balder Viking, Tor Viking,  
Loke Viking, Njord Viking, Trans Bering, Trans Barents

**SMA fleet**  
Oden, Ymer, Atle, Frej, Ale

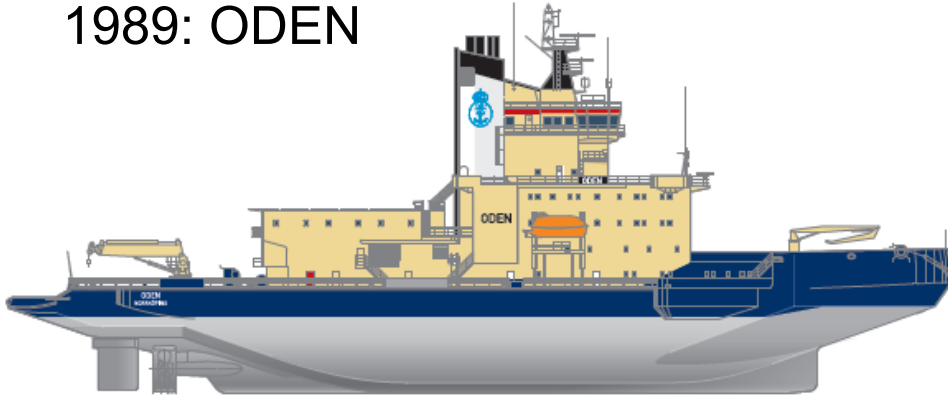


# Concept:

- TransAtlantic is currently negotiating with shipyards for four Polar Class icebreaking offshore vessels.
- Vessels are "State of the Art" in both Icebreaking and Offshore.
- TransAtlantic could order 1-2 extra units that could be put on Bare-Boat hire, say for 5-10 years.
- Long-term USA will build its own tonnage – but short time this can fill gap.

# Proven Technology:

1989: ODEN



2000: TOR VIKING



2013: TRANS ARCTIC CLASS



# ”Trans Arctic” Class:

LOA 113 m  
Beam 25 m – 27 m with reamers  
Draft 10 m ice – 8.3 m offshore  
24 MW for propulsion  
Ice-breaker PC 1  
320 mt bollard pull  
500 mt winch – stern roller  
1,000 m<sup>2</sup> deck area  
2 x moonpool  
DP II  
Redundant propulsion  
Clean design  
90 person capacity



# Trans Arctic Class:



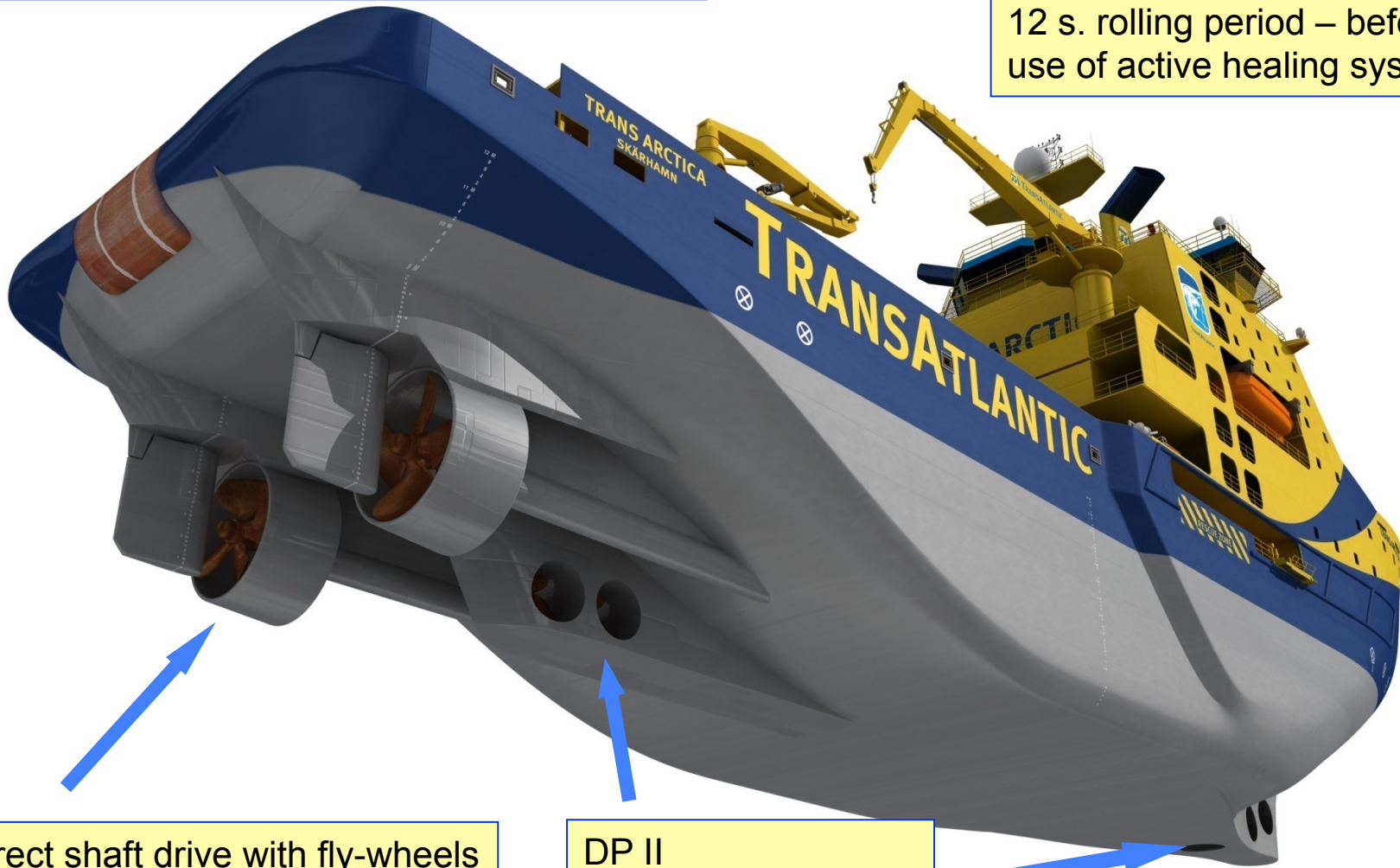
- 500 mt winch - heave compensated
- 1000+ m2 deck
- 320 mt bollard pull
- DP II
- Safe deck
- 2 x Moonpool (option)
  - 7.2 x 7.2 m
  - 2.5 x 2.5 m
- A-frame (option)
- Large crane (option)
- Helideck



# Trans Arctic Class:

Direct drive = lower losses = lower emissions

Good Offshore Sea-keeping  
12 s. rolling period – before  
use of active healing systems.



Direct shaft drive with fly-wheels  
CP Propellers in nozzles  
Large high-lift rudders

DP II  
Tunnel thrusters +  
Retractable Thruster

 **TRANSATLANTIC**

# Sum-up:

## TransAtlantic



- Is willing to finance and build a vessel for Bare-Boat Charter.
- Is in negotiations with shipyards
- Is willing to make a presentation of the concept in the near future
- Is looking for feed-back from you

*Thank You.*