

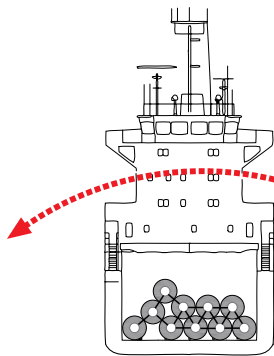
Cradle Tween Decks and Cassettes



Optimal for transporting large quantities of big steel coils



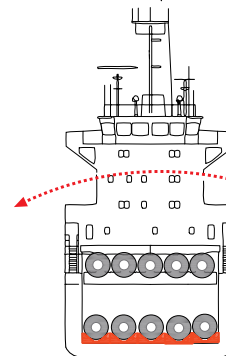
Optimising the stability



GM: 3.2 m → 1.5 m

Heeling angle: 30 deg. → 10 deg.

Rolling period: 5 sec. → 12 sec.



Without Cradle Tween Decks

The GM of the vessel without Cradle Tween Decks was 3.2 metres and the vessel heeled from side to side and back again with a heeling angle of 30 degrees in 5 seconds. The working conditions onboard were extremely difficult and the cargo securing was put under great stress.

With Cradle Tween Decks

With the new system in use, the GM was optimised to 1.5 metres, which meant that the heeling angle decreased to 10 degrees and the rolling time increased to 12 seconds. Working conditions were improved remarkably and there were no strong forces stressing the cargo.



Efficient

600 tonnes per hour

The first cradles for coil transportation were taken into use in 2000. Since then there has not been a single cargo damage during the transportation.



Average loading / discharging efficiency reached in coil handling: 600 tonnes per hour by crane.



Not a single cargo damage



Langh
Cargo Solutions

Langh Cargo Solutions launched its first new transportation methods in 2000. During these years the new methods have proven that it is possible to eliminate cargo damages at the same time as cargo handling gets faster, cheaper and safer.



Seatrade
AWARDS

2003