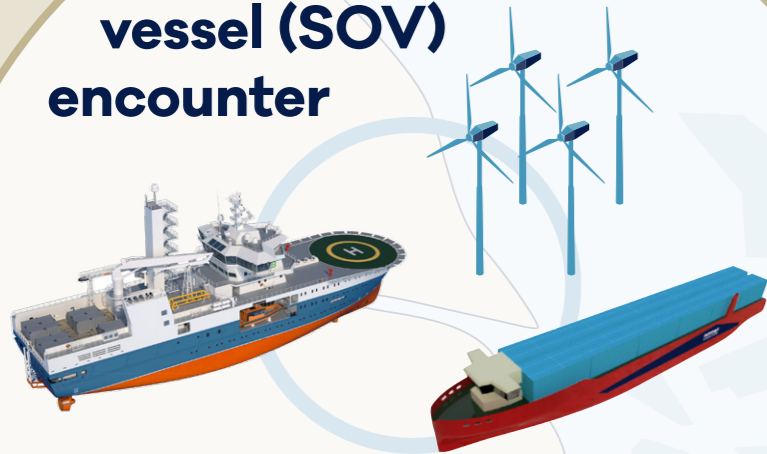


NOVIMAR VESSEL TRAIN

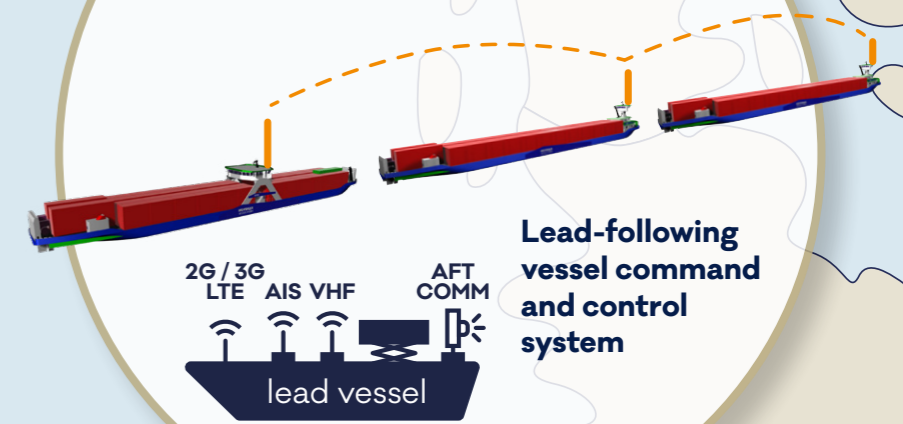
Service operation vessel (SOV) encounter



On the spot logistics

On the spot logistics: cargo is clustered per receiving SOV; feeder vessel train supplies the SOV's close to their wind farm with spare parts and technicians, returning waste streams and off-duty technicians to port. The feeder vessels sail at pre-set, recurrent time schedules.

Vessel train control system



Port of Den Helder cargo transfer



Cargo handling vehicle



Roll-on roll-off cargo transfer platform

Mix Move support: consolidation container level



LEGEND

- Vessel Train
- Existing wind farm
- Designated wind farm area
- Potential future wind farm area
- Foreign wind farms (outside Dutch exclusive economic zone)
- Dutch exclusive economic zone

Vessel Train Operations supported by:
 Mix Move (WP2)

VT Command and control system (WP3)
 RORO Cargo transfer platform (WP4)

Cargo handling vehicle (WP4)
 SSS/IWT Container ship design (WP4)



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