

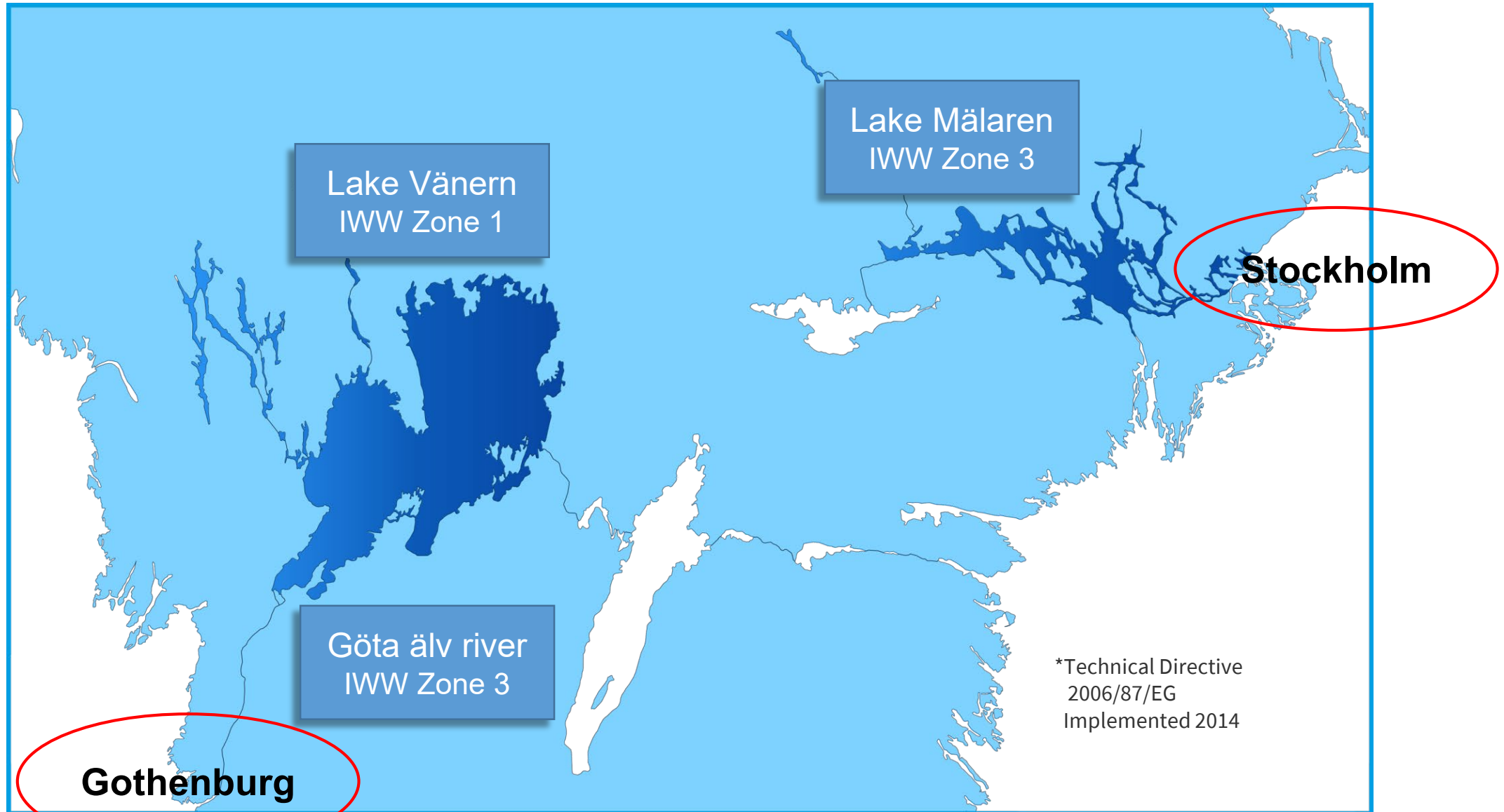
AVATAR
LOGISTICS



*blue is the new
green*

Johan Lantz

Swedish Inland Waterway Areas



Avatar Logistics

- Started in 2015
- CEO Johan Lantz + 6 co-workers
- Turnover EUR 1.2 Million
- Two solid owners from shipping industry
- Focus in Lake Vänern & Lake Mälaren
- Offers integrated logistics
- Development of new inland vessels





Turnover EUR 150 Millions
45 IMO vessels



Turnover EUR 32 Millions
28 inland barges

AVATAR
LOGISTICS



*blue is the new
green*



Avatar Logistics – m/s Jehander 1

- City logistics by barge in Stockholm & Lake Mälaren area
- Transportation of aggregates to concrete factories
- Self discharging vessel – intake 1420 tons
- Annual volume 300.000 tons
- The vessel replaces 10.000 trucks
- New building is planned within 3 years



Liquid fuels logistics for Preem



- Loading in Gothenburg & Lysekil
- Discharging in Karlstad
- Diesel & Petrol
- Annual volume – 2-300.000 Mt
- Mts Veendam – 2000 ton/voyage
- 1 vessel equal to 60 trucks
- 30 hours per single voyage
- Extension of IWW areas is needed

Modern inland vessel – on customers demand

m/v Veendam – managed by VT Group BV

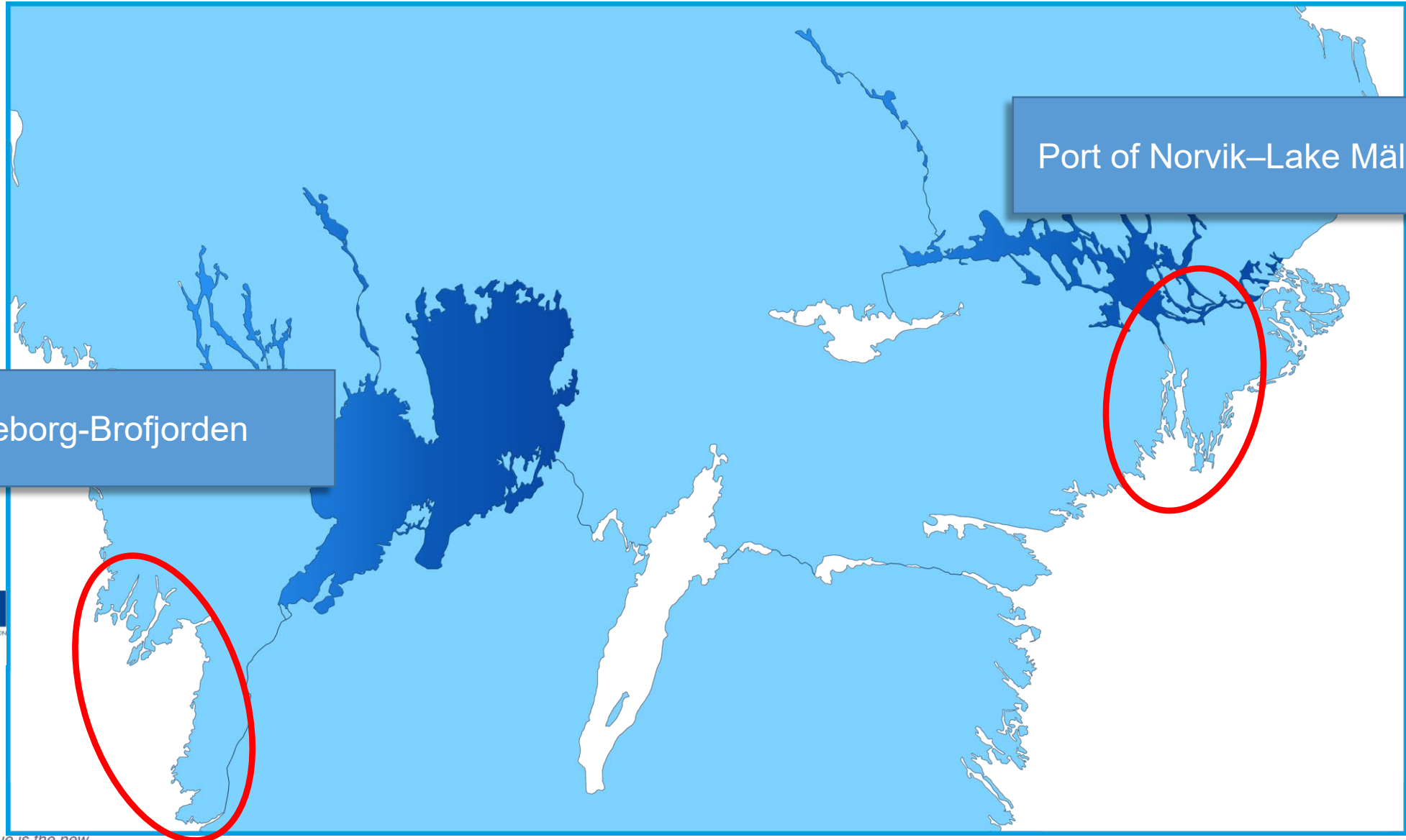


Vessel data

Length:	85,95 meter
Beam:	11,44 meter
Draught:	3,25 meter
Cargo intake:	2 040 m3
IWW zone 2	

The vessel is double hull

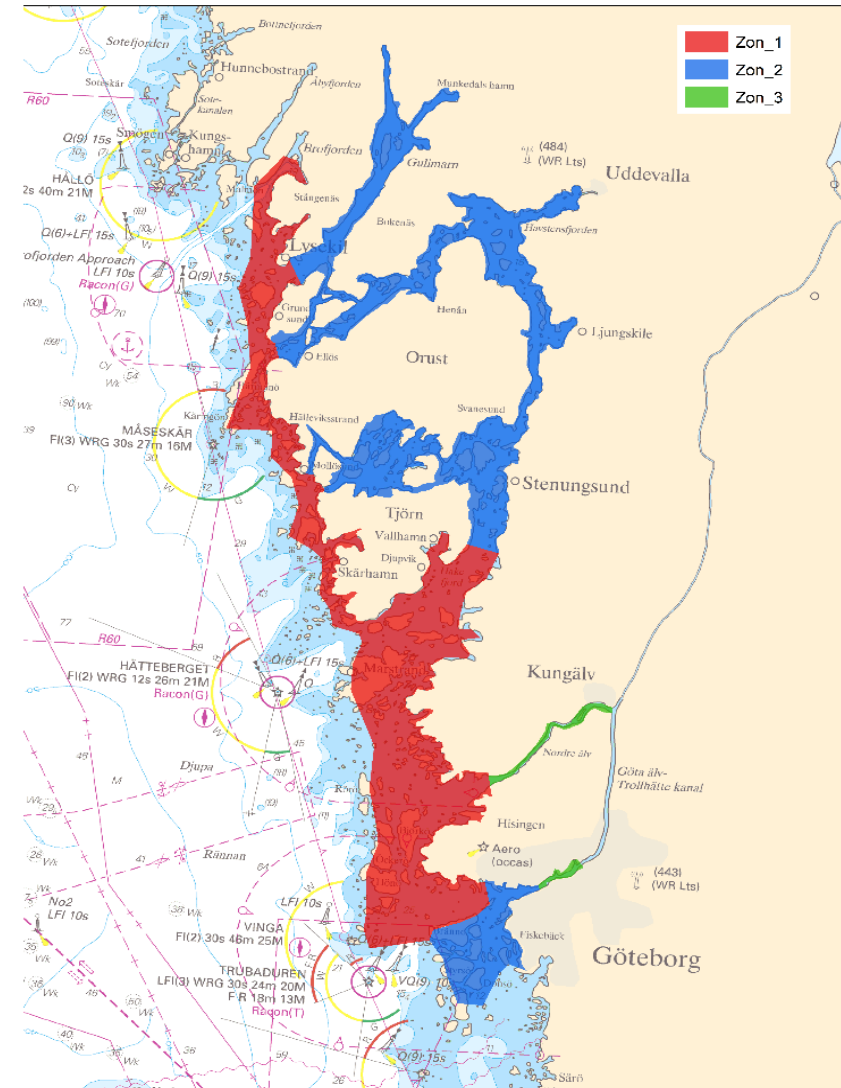
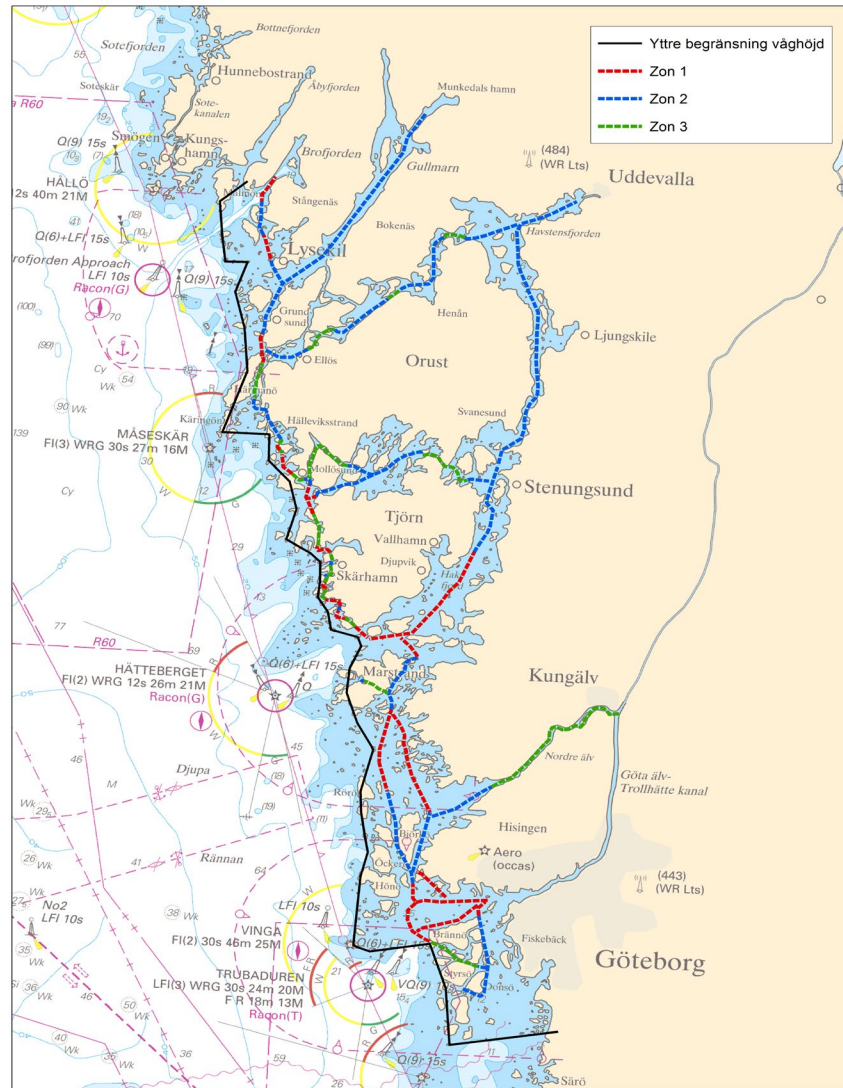
Planned extension of IWW areas



Port of Norvik–Lake Mälaren

Göteborg-Brofjorden

IWW extension Göteborg-Brofjorden



Container feeder service Lake Mälaren

- New port – Stockholm Norvik
- Opening May 2020
- Capacity of 500.000 teu:s
- Limitations in land infrastructure
- Excellent fairways in to Lake Mälaren
- Business case with Dutch barge type



Container feeder Norvik – Lake Mälaren



Challenges in Sweden

- Poor knowledge about IWT
- Only technical regulations are implemented
- Pilot regulation, crew certificates, cabbotage ??
- IWT is still undertaken IMO regulations
- Too high cost level - IWT not competetive
- Official plan for development is missing
- Difficult to achieve a modal shift & climate goals



THANK YOU !