



# ACE LINK

### General Information:

Two 386 passenger shuttle ferries for traffic between Denmark and Sweden. The vessels are being built at the Shipyard Remontowa. 1 vessel "Simara ACE" was delivered from yard 19. November 2007.

### Main Particulars:

|                        |         |
|------------------------|---------|
| Length o.a.            | 60.40 m |
| Length p.p.            | 51.20 m |
| Breadth moulded        | 11.40 m |
| Depth to shopping deck | 4.60 m  |
| Design draught         | 2.80 m  |
| Max. draught           | 3.00 m  |

### Speed:

|                                     |         |
|-------------------------------------|---------|
| Service speed (design draught 2.80) | 12.5 kn |
| Max speed (design draught 2.80)     | 14.5 kn |

### Propulsion:

|                   |  |
|-------------------|--|
| Diesel propulsion |  |
| Main engines      | 2 x SCHOTTEL Twin-Propeller 600 kW (1200 kW) |

### Miscellaneous:

|                       |                  |
|-----------------------|------------------|
| Classification        | Lloyd's Register |
| Number of vessels     | 2                |
| Identification number | KEH 05030        |

### Scope of Work:

The following work is carried out by Knud E. Hansen A/S :

- Conceptual design
- Complete basic design for shipyard including (for original project):
  - General naval architecture
  - Structural design incl. structural 3D FEM analyses
  - Outfitting design
  - Concept interior design
  - Interior design
  - Machinery design
  - Model tests
  - HVAC design
- Partly supervision and coordination on-site at the shipyard
- Technical assistance to owner through out the project

