

A series of 6000T general cargo vessels

Ferus Smit Shipyards



Eekels Delivered and Installed:

- Electrical installation
- "EVE" Frequency drive for bowthruster with DC brake (make Eekels)
- "EAS" Engine room alarm system (make Eekels)
- Bridge console, MCC cabinets and Switchboards (make Eekels)
- Lighting installation (make Aqua Signal)
- Fire alarm installation (Tyco Integrated Systems)

Starting September 2005 Ferus Smit Shipyards delivered a series of 6000T general cargo vessels.

The "Imke" and the "Jan van Gent" as on the pictures are just two out of the series of nineteen as they are all built for several ship owners.

In February 2009 the last ship of this series was delivered to his owner.

The basis of the electrical installation is identical for all the ships out of this series, customer specific requests can be implemented for each vessel.

General data of the vessel:

Length over all	: 110,7m
Breadth moulded	: 14m
Depth	: 8,13m
Deadweight	: 6000T
Voltage	: 3x400V, 50 C/s 3x230V, 50 C/s
Aux. Generators	: 2x 140 kW
Em. Generator	: 40 kW
Shaft Generator	: 390 kW
Main Engine	: 2640 kW
Class	: BV
Yard	: Ferus Smit Shipyards
Owner	: Several
Delivery date of vessel	: Starting September 2005

The vessels are built according to the rules and regulations of Bureau Veritas.

Eekels Elektrotechniek BV was responsible for the engineering, manufacturing, outfitting and commissioning of the complete electrical installation.

Eekels supplied all electrical "Eekels made" switchboards and control desks including our own alarm system and a bowthruster drive by means of an Eekels "EVE" frequency drive.

