

Curriculum Vitae - Sven Stroo

Personal details

Name: STROO, SVEN NIELS
Address: 9000 GENT, Prinsenhof 9
Cell phone: +32 477 77 77 03
Birthplace and date: GENT, Belgium 18/06/68
Marital status: Living together
Children: 2 (Merel – 1998, Arne – 2000)



Professional career

1) Design4Dredgers: 1/1/2012 until today

Started up own design company "Design4Dredgers bvba", providing assistance to Shipyards, engineering companies and ship owners active in dredging and offshore.

Following projects have been performed or are still on-going for international clients:

- Concept design of a self propelled jack-up for a Dutch Shipyard (Ravestein bv).
- Concept design of a medium sized hopper dredger for a Dutch engineering company (Vosta LMG).
- Concept design and basic engineering of 2 multi-cats for an Asian shipyard (ASL Shipyard).
- Follow up and supervision/managing of the engineering of a large self propelled cutter dredger, including assistance in establishing a document control system, setting up a site team, setting up a commissioning team and making the detailed building schedules for an Asian shipyard (ASL Shipyard – end client Penta Ocean).

- Providing advisory services (on technical and dredging aspects) for a large trailing suction hopper dredger (incl. follow-up visits) owned by an Asian Dredging Company (Penta Ocean).
- Detailed concept design (incl. specification) of a LNG driven twin screw trailing suction barge loading dredge for a USA Dredging company (Cashman Dredging).
- Project manager for a Dutch Shipyard for the building of flexible pipe-lay offshore vessel (Royal IHC - end client Sapura).
- Project manager for a Dutch Shipyard for the building of a self-propelled cutter suction dredger in Croatia (Royal IHC - end client Boskalis).
- Advisory services for the design and engineering of several new build vessels for a Dutch Shipyard (Damen Shipyard).
- Project manager for a Dutch Shipyard for the building of a dual fuel 15,000m³ hopper dredge, build in China (Royal IHC – end client Deme).
- Several concept designs for different sizes of hopper dredgers for a Dutch Shipyard (Neptune Shipyard).
- Advisory services and site supervision for (the biggest Chinese) self-propelled cutter suction dredger build in China for a Chinese Dredging company (CCCC Dredging Company).
- Concept design, including specification of a 750l bucket dredge for a North African owner.
- Member of the project management team for the building of a dual fuel self propelled cutter suction dredge for a Dutch Shipyard, responsible for the commissioning, planning, and technical issues (Royal IHC – end client Deme), including after delivery services.
- Concept and basic design of a medium size hopper dredge for a Dutch engineering company (US end client).
- Member of the project management team for the pre-tender of an 8000m³ gravel dredge (Damen Shipyard – UK client).

- Project management for the design, engineering, building and commissioning of a large diameter spray pontoon for Jan de Nul.
- Project management for the basic engineering of a 1000m³ hopper dredge for Damen Shipyard.
- Project management and engineering manager for a 100m DP2 MeOH Prepared cable maintenance vessel for Neptune Shipyard

2) Employment at Deme NV since 1/2/93 until 30/4/2012. Overview:

- *1/6/2007 until 30/4/2012*
Due to the boom in the shipbuilding combined with the expansion of the dredging market a new strategy had to be followed for the building of dredging vessels. Dutch shipyards claimed high prices and long delivery times. Therefore Deme ordered a number of vessels in the Far East. The engineering was done at Dutch and German engineering companies and the main components were OFE due to the long delivery times. During that period I was the project manager for the building of 2 3000m³ split barges (build in Battam) and 2 medium sized 13000kW self propelled rock cutter suction dredgers (build in Singapore). The first vessel was delivered in July 2011; the second vessel will be delivered in March 2012. Furthermore I was project manager for the DP2 jack-up "Neptune" (Delivery Jan 2012), the backhoe dredger "Peter The Great" (Delivery Feb 2012) and the self-propelled heavy-duty cutter suction dredger "Ambiorix" (delivery May 2012).
- *1/1/2002 - 1/6/2007*
Senior Project manager at the technical department new building (new building of vessels) for the concept design, the engineering, building supervision and technical supervision during the warranty period after delivery of the suction hopper dredgers "Pallierter", "Brabo" and "Breydel" and the self-propelled heavy-duty rock cutter suction dredger "d`Artagnan". Responsible for the Deme drawing office that

makes the concept designs for future investments and that does the engineering for modifications at existing vessels and for custom build equipment required on site.

- 1/1/99 - 31/12/2001

Project manager at the technical department new building (new building of vessels) for the concept design, the engineering, building supervision and technical supervision during the warranty period after delivery of the suction hopper dredgers "Nile River" and the "Uilenspiegel" and the gravel dredger "Charlemagne".

- 1/4/97 - 31/12/98

Assistant project manager at the technical department new building (new building of vessels) for the concept design, the engineering, building supervision and technical supervision during the warranty period after delivery of 2 1000m³ split barges and the suction hopper dredger "Lange Wapper".

- 15/1/97 - 1/4/97

Responsible technical department for the vessels working at the project for the installation of the gas pipeline between UK and Zeebrugge (Belgium).

- 1/11/95 - 15/1/97

Responsible technical department for the suction hopper dredger "Pearl River" (delivered in 9/94) working in the Far East (Singapore, Kuala Lumpur (West Malaysia) and Bintulu (East Malaysia))

- 1/1/95 - 31/10/95

Responsible technical department for the projects in Cardiff (Wales) and Belfast.

- 1/2/93 - 31/12/94

Superintendent at the technical department (maintenance of vessels) in Belgium and Europe (short term)

Education and diplomas

- 1) University of Gent
1986-1991: Bachelor degree in engineering sciences + master degree in shipbuilding engineering.
- 2) Software course (CDR UG '91/92): Programming in C, C++ and Postscript.
- 3) Slurry transport using centrifugal pumps – April 2001 - Atlanta (GIW)
- 4) Several short term management courses over the years.
- 5) Industrial automation– IVPV – 2004/2005

Languages

Dutch: mother tongue

English: fluent reading, writing and speaking

French: good reading, writing and speaking

German: good reading and speaking, notion writing

Hobbies

Cycling

Skiing

Travelling

Reading

Film, theatre, music