



Beaver Engineer Training (11 - 26 June 2012)



How to get the most out of your Beaver Dredger

The Beaver Dredger, the standardized cutter dredger of IHC Merwede, is well known for its robust construction, reliable operation and excellent performance. Until now IHC Merwede has supplied over 700 pieces of these efficient dredgers.

However, an optimal operation not only requires a modern dredger: it needs a dedicated and well educated crew as well; a crew with sufficient knowledge and skills to seek the limits and optimum in operating a Beaver Dredger.

Training the dredge engineers improves the link between man and machine and the profitability of the operation. The Training Institute for Dredging offers a two-week training course for IHC Merwede clients owning a Beaver Dredger. In this course the equipment itself, the maintenance of the equipment and troubleshooting is covered.

Objective

The participants will improve their understanding of governing aspects in safety, design and maintenance & repair aspects of a Beaver Dredger.

At the end of the training they are able to troubleshoot and maintain their Beaver dredger within their area of expertise in a substantial more efficient and safer way.

This in-depth training course on the equipment will allow participants to improve dredging maintenance operations in both a technical and an economical way.

Participants

The course is designed for personnel who maintain and troubleshoot the different systems onboard of a Beaver dredger:

1. All-round operational personnel maintaining and repairing all systems on board of an IHC Beaver Dredger on a daily basis
2. Mechanical engineers
3. Electrical engineers

To be able to follow this course the participants should have at least a medium level of technical education, a basic understanding of dredging and a good understanding of English.





Training Programme

There are three different training packages to choose from. It is also possible to follow only separate modules. The three training packages are for:

- All-round Engineers
- Mechanical Engineers
- Electrical Engineers

For a detailed programme we refer to the separate leaflet.

Training Fee

The training fee depends on the selected training package and/or selected modules. (2011, subject to change!)

Description	Duration	Pricing
All round engineer training	10 days	€ 4850,-* p.p.
Mechanical engineer training	8 days	€ 4000,-* p.p.
Electrical engineer training	5 days	€ 2600,-* p.p.
Separate modules	Varies	€ 550,-* p.p. per day

**This fee includes tuition, course literature, lunch, transportation between selected hotels and training location and refreshments during course days. Not included are costs such as airport transfers, hotel accommodation, meals, etc. Full payment of the course fee has to be transferred to our bank account at least two weeks before the start of the course.*

Topics

All topics that will be addressed during the course aim to enable the trainees to perform:

- inspection on the components and systems
- maintenance on the components and systems
- troubleshooting on the components and systems
- the use of schematics in order to look for critical parts of the components and systems at the end of the training.

Below topics will be addressed:

- Operation and systems
- Maintaining a Beaver dredge
- Safety in dredging
- Hydraulics
- Mechanical systems and components
- Engines
- Electrical systems
- PLC systems
- Dredge instrumentations, sensors
- Dredge automation systems

Setup

The mechanical and electrical engineers each will follow a different training programme. The all-round participants will follow a combination of relevant subjects from the

mechanical and electrical training programmes. The training is set-up for both the Classic and New Generation Beaver series. The specific differences between the Classic and the New Generation design will also be discussed during the training.



During the course a mixture of presentations, discussions and extensive workshops in the classroom and onboard will be applied. The result is a highly **practical** training in which there is enough time to discuss the participants' challenges from the field.

Lecturers

The lecturers are experts from TID, IHC Merwede and Pon Power in The Netherlands.

Location

The training will take place at TID's facilities in Sliedrecht.

Accommodation

On request TID can arrange a hotel accommodation. Prices of the hotels (bed & breakfast) vary from € 90 - € 200 a night.

Registration

You can register on our website: www.dredgetraining.com.

Cancellation

- Cancellation up to 14 days before start of the course: 10% of the course fee is charged.
- Cancellation between 14 days before the start of the course and the day before the starting date: 30% of the course fee is charged.
- In case of cancellation on or after the starting date of the course, the full course fee is charged.

INFORMATION

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