

The IRON News will feature :

- our strategy and visions
- technical development
- the market
- put faces to some of the staff of IRON

Vision of IRON Pump

- We will produce marine pumps as our core product
- We will supply a well-documented quality product
- We will create growth and yield
- We will focus on a good work environment, continuously employing and educating well qualified staff
- We will strive to keep an effective and flexible production that respects global requirements

Welcome to the first edition of IRON News



Anders Frimodt-Møller, managing director

Close to March 1st. 2006, the date when IRON Pump will celebrate its centenary, we are able to realize long considered plans for issuing a quarterly news letter in English.

We hope that this initiative will help maintain and strengthen relationship to our customers, agents, and other partners, as well as giving you better insight into what we stand for, updates on new and existing products, and general news about what is happening in the world of IRON

Pump.

In due course, we hope to put faces to some of the names that you come in contact with at IRON.

IRON News is also open for input from you, should you have ideas on topics we could take up, or items of interest to the world of IRON.

Just give a word to your normal contact or send an E-mail to vl@ironpump.dk

Anders Frimodt-Møller

Thunder Horse in Fight with Dennis

IRON has supplied pumps to the largest oil platform in the world, Thunder Horse, and we have all been following the progress of Thunder Horse under way from the yard to the Mexican Golf with interest.

Interest was sharpened in July, when we were alarmed to learn that Thunder Horse had been damaged by the hurricane Dennis and was in great danger of sinking even before it had started production.

The picture showing the platform at an inclination of 30°

did not give much hope for the operational start of the platform or of IRON's pumps.

Fortunately combined and concentrated efforts from a multitude of contractors succeeded in rebalancing the platform, so it can soon become operational.

The pumps were supplied and fitted in 2003. Part of the supply included 4 large fire pumps QVK 350-300/500 with a performance of 1200 m³/h at 130 MWC.



July 15th, Thunder Horse in 30° inclination



July 18th, professional efforts by a multitude of contractors have rebalanced the platform

Built-on Pumps for Wärtsilä

Over the past few years, Wärtsilä Finland OY and IRON have held discussions leading up to IRON designing and producing a new range of pumps for Wärtsilä motors.

In close collaboration with Wärtsilä we developed in 2003-04 the first prototype pumps for the new W46F range motors of Wärtsilä. The initial tests were successful, the W46F being officially released at the latest SMM, and now being put into production.

For IRON the alliance with Wärtsilä means new standards for hydraulic design, construction, and documentation.

Wärtsilä's demanding requirements to flow and head pressure led to special designed impeller



IRON Pump W46F and pump casing. Careful CFD hydraulic calculations led to a precise design leading to a very successful result.

Accepting this order has increased IRON's knowledge of pump and hydraulic design, and we look forward to a future continuance of this fruitful cooperation.

Pumps for the Heat Distribution Station, VEKS

Being an established pump factory IRON has supplied pumps to most of the district heating plants and distribution stations in- and around Copenhagen.

Previously we had only supplied the pumps as subsupply, where after the customer self would fit and run the pump in.

For the VEKS project we were contracted to supply, fit, and run-in 6 complete pump packages including frequency converter. The installation was successfully undertaken simultaneous with the distribution of heat to the consumers.

The supply involved 6 pump units of type QH 500-500/320, each fitted with motor and frequency converter for a nominal capacity of 1800 m³/h at 96 mWc. The total efficiency lives up to the guaranteed, giving an efficiency of 84 %.



In July 2005 we completed the supply of Pumps for the heat distribution station, VEKS

Survey on Customer Satisfaction

We are initiating a survey on how our customers and agents consider us as partners.

We hope that this survey can give insight in:

- The needs, requirements, and wishes of our customers
- The customer's level of satisfaction to our products and services.

The result of the survey will form a basis for future improvements for our mutual best.

The survey is planned to run during September-October 2005 .

A Few Facts about IRON Pump

Mr. C.G. Arnesen founded IRON Pump A/S in the year 1906. Throughout the following 100 years descendants of the founder have managed the company. In July 2004 N. C. Arnesen, the grandson of the founder, retired, and today, Mr. Anders Frimodt-Møller, naval engineer, is managing director of the company. Anders Frimodt-Møller has been in the company since January 1998.

In 1912 Iron Pump developed and patented a vane pump, the pump was installed in the world's first ocean going diesel motor vessel, M/S

Selandia. Today marine pumps are supplied world-wide, close to 90 percent of the output is through a network of agents exported to more than 70 countries.

The main markets are marine- and offshore industries. Other customers are power plants, district heating, and water works.

The factory is situated in Herlev, near Copenhagen. IRON Pump has close to 100 employees, an annual turnover of more than DKK 100 mio. (US \$ 19 mio), and will on the 1st March 2006 reach the age of 100 years.

Members of the IRON Staff

At least once a year we have to make a fire drill. Our fire brigade officer gets very unpopular, if he does not take a sunny day for the drill!!

Traditionally, we seize the opportunity to take a shot of the entire crew.

Visit our website
www.ironpump.com



Exhibitions

We are exhibiting at the coming exhibitions:

Kormarine BUSAN 5th to 8th October 2005

Marintec, Shanghai 6th to 9th December 2005

Export Drive Vietnam 19th to 26th February 2006

SMM Hamburg 26th to 29th September 2006

Attention is being especially focused on SMM2006, the year where IRON can celebrate its centenary.



At the SMM in Hamburg special arrangements are planned to celebrate the 100 years of IRON



You are always welcome to come and have pump chat at our stand. The staff are experts on pump technology

Pumping
all over the
World



Biggest pump of the line

The QVK 24-20/450 is one of our biggest pumps.

The weight is net/gross:
3800/4280 kg

It is quite a heavy weight to handle, so we're lucky that the shipping department isn't manned by fly-weighters.

Kim Brok and Birger Jørgensen are preparing the packing and dispatch.



Eco design

IRON Pump is one of the promoters of a Danish campaign www.Sparepumpe.dk On this site you can find the most energy efficient pumps (of Danish origin) for your purpose



IRON Pump A/S

Generatorvej 10
DK-2730 Herlev
Denmark

Tel.: +45 4491 6788
Fax: +45 4491 1644
E-mail: iron@ironpump.dk
www.ironpump.com