

# Newsletter

Year 4, 2006-1

## NEW OFFSHORE ISOLATORS

As you may have read in former newsletters *Vibratec Akustikprodukter* deliver custom made isolators to the Off-shore industry.

In the end of April we made our first delivery

of a new isolator type, with compact dimensions, low resonance frequency and high damping to *Dresser-Rand AS*. These are going to vibration isolate turbine generators. As in earlier similar projects each set consists of one fix point and two sliding points to allow for thermal expansion.



## RUBBER PRODUCT RANGE

We want to remind our customers that in addition to our cylindrical isolators, stop buffers and rubber mats, our range covers practically all types of rubber products for isolation of vibrations, noise and shock.

**NEW**

From the smallest isolators 6 x 6 mm up to units which can carry whole buildings. We have isolators suitable for combustion engines, fans, pumps, refrigeration systems and other machines that may generate vibrations.



## ISO 9001: 2000 CERTIFICATION

During the winter and spring *Vibratec Akustikprodukter* has been putting a lot of labour into adapting our system for quality control to comply with the ISO 9001:2000 standard.

*DNV* has been chosen as the accreditation body and May 4, 2006 we finally were rewarded for the hard work and got the certificate.



## NEW BUSINESS SYSTEM

Parallel to the certification process, from February to May, *Vibratec Akustikprodukter* has prepared to launch a new administrative system: *iScala*.

This system is now in use and it will enhance our order and stock management and in the future it will offer new possibilities for our customers such as an automatic digital exchange of data and documents.

## PRODUCT DEVELOPMENT

To develop and maintain our ambition to have a high level of technical skill and competence, our cooperation with *KTH* (The Royal Institute of Technology in Stockholm) continues. Our man Stefan Söderman had an idea of how we could improve the spring isolator's properties at high frequency vibrations. This is now being tested and evaluated at *KTH*.

In addition, a project to test and evaluate a silencer from our standard range, FPD, has been undertaken by two engineering students at *KTH*.

## ONS 2006

Once again *Vibratec Akustikprodukter* will attend the *Offshore Northern Seas (ONS)* fair that takes place in Stavanger in Norway 22 – 25 of August 2006.

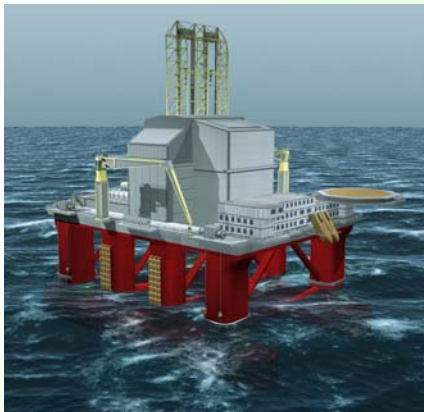


On this year's exhibition we will focus on our customised offshore isolators for turbine and diesel generator sets. If you wish to receive an invitation please contact us at [info@vibratec.se](mailto:info@vibratec.se) or [apn@apn.no](mailto:apn@apn.no).



## SILENCERS

**Akustikprodukter Norge AS (apn)** has received an order for 16 pcs acid-proof stainless steel silencers from **Rolls-Royce Marine** in Bergen. The silencers will be used for diesel powered generators onboard **Aker Kværner H-6e** Offshore platforms.



**Rolls-Royce Marine**, which is the leading producer of diesel engines in Norway, is one of **apn's** most important silencer customers.

## SHOCK DAMPING OF CORVETTES

**Akustikprodukter Norge AS (apn)** has received an order for wire isolators (cable mounts) worth 500,000 NOK. These are going to be used to protect equipment in Indonesian corvettes from shock. The corvettes are being built in the Netherlands, and **apn** is awaiting an order for another five ships. The deal is mediated by **apn's** Dutch representative **Rubber Design B.V.**

## NOSTALGIA

The East-Indiaman "Götheborg" which is on it's way to Kanton and Shanghai in China will arrive in Jakarta June 18, 2006.

The brig "Tre Kronor af Stockholm" has just got it's propeller and rudder installed at **Beckholmen** in Stockholm.

Both these beauties have received engine isolators, silencers and elastic suspension of the exhaust pipes from **Vibratec Akustikprodukter**.



## SPORTS AND LEISURE SURFACES

Our product range has been widened to include damping mats for sports floors, playgrounds, tennis courts, football fields, animal transports, etc. The mats are manufactured by **RBSI** in France and are available in different thicknesses, stiffness, and variety of colours.

The mats can be delivered as complete "jig saw puzzles" with different colour schemes. **RBSI** also manufacture ballast mats, speed bumps, road works, etc.



## CINEMA COMPLEX

With its seven auditoriums and almost 800 seats, the cinema **Filmstaden Jönköping** will become a modern cinema with the latest technology. All cinemas are built according to the THX standard with large cine screens, clear view from all seats and digital 5.1 sound. Special consideration has been taken to the low frequency noise generated by the 800 busses that pass the building every day. In addition there are a number of adjacent apartments that should not be disturbed by the cinemas.

The foundation has been suspended with elastic mats and dowel rod isolation from **Vibratec Akustikprodukter**. The contractor is **Peab Sverige AB**. The opening of the cinema is scheduled to the autumn 2006.

## ASTORIA CINEMAS

September 1, 2006 **Astoria Cinemas** opens in the **Dieselvekstad** in **Sickla**. This is a new cinema complex with five auditoriums with a total of 620 seats.

Each room has a floating floor made of a 150 mm concrete slab which rests on **ISO-FLOAT** floor



panels. On top of this floor there are interior walls with five plaster boards and supporting steel columns.

Dimensioning, drawings and installation has been done by **Vibratec Akustikprodukter**.



The ceilings are carried by steel beams that are isolated from the structure with our all metal isolators (V5653). The grandstand is isolated with floating floor battens and wall hangers. The boards in the grandstands is a sandwich construction which has been glued together with the viscous elastic damping glue **NoiseKiller**.

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