



Simple tools for online sales and sourcing.

and product providers, and another to buyers. The service is web-based, so it can be accessed anywhere with a browser, and has an easy-to-use interface and support.

The SHIPSU provider profile is dedicated to companies selling products and services for shipbuilding, as well as ship renovations and repairs. If products and services can be used on a ship, then this is the chance to widen their availability for end-clients. Providers can add specific details about their products and services, such as text, video, pictures, certifications and terms of delivery. Being so readily available means a company can be contacted directly, which results in less hassle and non-value-adding operations. The service is being developed continuously to increase the products and services on offer, and to make it easier to use.

The SHIPSU buyer profile allows access to the products and services of SHIPSU-verified providers. Through an easy-to-use, web-based service, buyers can easily source well-presented detailed information.

The service is a cost-efficient way for buyers to trade with providers directly, resulting in less email spam and more time for core operations.

Further information
SHIPSU
www.shipsu.com

Customised shipbuilding specialist

Shipyards De Hoop was founded in 1889 and has

developed to become one of the most established yards of the Dutch shipbuilding industry. The company concentrates on designing, engineering and building customised vessels for the inland and seagoing markets.

De Hoop has two shipbuilding facilities – one in the Dutch province of Gelderland (De Hoop Lobith) and the other in the province of Groningen (De Hoop Foxhol). At both sites, the required core disciplines for building a complete vessel, and providing clients with creative and innovative solutions in design and production are all inhouse. Supporting both facilities is an outfit quay in the Rotterdam harbour area.

As well as engineering and building specialised vessels, there is a growing market for Shipyards De Hoop in the areas of conversion, and maintenance and repair works. This service gives existing customers a long-term service contract that helps control their total costs and assures quality during the lifecycle of their vessels.

Shipyards De Hoop provides a 24/7 service throughout the year, which fits perfectly with the customer-oriented ethic of the yard, where quality, creativity, innovation and flexibility towards clients are paramount. The shipyards pride themselves on embracing the latest technology, constantly



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investing in new facilities, evolving services and expanding their expertise. Each product is unique, built with a goal-based approach and always delivered on time.

Further information
Shipyards De Hoop
www.dehoop.net

Toxic emission control

With its proven robust measuring



Extractive flue gas monitoring can be tailored to individual requirements.

technology, the MCS100E HW from Sick Maihak is ideal for controlling motor power and toxic emissions. Only vessels that can prove they observe the limits will be allowed to pass into emission control areas. Reliable and low-maintenance analysing systems are also essential, because on the ocean and during short stays in harbours, service technicians can be hard to find.

The MCS100E HW is characterised as a dependable, certified device, with low lifecycle costs for monitoring emissions from marine engines. It continuously measures sulphur dioxide, carbon dioxide and nitric oxide for extended periods with high precision. From sampling to the cuvette, all paths in contact with the measuring gas are heated over the dew point and thus protected against corrosion.

The MCS100E HW has an automatic calibration check filter, which saves time and expensive calibration gases. Only semi-annual or annual checks are required.

The system offers further

advantages, such as the direct measurement of water to allow the calculation of standardised conditions. Checking carbon dioxide in the exhaust helps to optimise the incineration process. The data transfer via bus connection to the vessel's process control works quickly and smoothly. The MCS100E HW usually measures one single gas flow and can switch between different exhaust channels, which can be done either automatically or manually.

Apart from the compulsory components, the system can measure up to eight additional components. If natural gas low in sulphur is used as a fuel, the analysing system can reliably measure the methane slip that escapes incineration. If the exhaust is catalytically cleaned from nitrogen oxides in the future, the analysing system could also take over control here. The injection quantity of ammonia or urea can be regulated by measuring the ammonia.

Further information
Sick
www.sick.com

Swift underwater maintenance

Occupancy rates and the



The SSA understands the needs of cruise lines, ports and OEMs. stabilisation of operating costs are on every cruise executive's mind. Maintaining vessels, complying with regulation and keeping up effective operations without jeopardising safety, efficiency or the itinerary are the keys to commercial success. Minimising hull resistance and maintaining propeller