



Press Release

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Increased uptime through safe access

Marine Aluminium AS and TTS Energy are forming the Uptime Alliance, a technology and marketing collaboration that will contribute to increased efficiency and safety for offshore vessels and marine installations.

Any activity at sea is influenced by wave motion. Often weather conditions are adverse and important operations, such as transfer of personnel from a vessel to a fixed installation, becomes challenging and potentially dangerous when carried out under conditions with reasonably high seas.

Compulsory safety requirements mean that in the North Sea at present, only a small degree of motion results in the activity being suspended and the task being postponed until the seas are calmer. As a result, it often takes a disproportionate amount of time to complete many of the daily tasks performed in a maritime environment. Ultimately this has a significant effect on the operators' profitability, in addition to creating a negative environmental effect and increasing the cost of the energy produced offshore.

The Haugesund-based company Marine Aluminium AS has a unique expertise in the production of aluminium products and is a global market leader on marine helidecks and telescopic gangways for the offshore segment.

TTS Energy has a unique technology base within advanced operation and extensive experience in development of motion compensation systems. Through the TTS Group, they have a worldwide service network.

On this platform of complementary expertise and solid experience, the companies are forming a technology and marketing cooperation. Uptime Alliance will develop and market solid and cost effective solutions that increase safety, accessibility and uptime for offshore installations and vessels.

The alliance currently offers two unique systems;

Uptime Helideck

The world's only motion compensated helideck. Uptime Helideck utilises real-time control technology to keep the helideck steady relative to the helicopter, and safe landing is possible under conditions where the vessel would otherwise be moving too much. So far the system has been delivered to two of newest and most advanced vessels of the seismic company Petroleum Geo-Services, PGS, namely Ramform Sovereign and Ramform Sterling. Uptime Helideck is compatible with all types of helidecks, and will now be introduced worldwide.



Uptime Gangway

Uptime Gangway is an active motion compensated telescopic gangway in aluminium, especially designed to facilitate access between vessels and fixed installations, such as offshore windmills and oil rigs.

In addition to these solutions, the Uptime Alliance offers regulation advisory services, engineering services, operations, maintenance, modification, upgrading, installation and other services within expert control, training and certification relating to these products.

The Alliance's services and products will continuously be developed to meet requirements of customers within offshore and shipping, as well as offshore windmill parks.

The Partners

TTS Energy www.ttsgroup.com

is part of the Oslo Stock Exchange registered TTS Group ASA. The group, having more than 40 years experience as supplier of maritime equipment, had a 2009 turnover of about NOK 3.8 billion. TTS has a worldwide service network and employs about 1200 people in Norway, Sweden, Finland, Germany, the Czech Republic, China, Canada, USA, Mexico, Vietnam, Korea, China and Singapore.

As a total supplier of complete equipment packages, the company had a 2009 turnover of close to NOK 420 million in the offshore handling market. The portfolio consists mainly of systems based on special winches for deep sea lifting operations, well intervention and anchor handling, with lifting capacity ranging from 10 to 600 tons.

TTS Energy is founded on a high level of competence in cybernetics, control engineering, programming, mechanical/hydraulic design and application engineering. Along with close cooperation with clients having direct experience with demanding handling operations offshore, this has enabled the company to develop appropriate systems that contribute to increased safety and efficiency for operations in the challenging maritime environment.

TTS Energy has demonstrated an unique ability to control mechanics and hydraulics to solve complicated tasks. Through creativity and utilization of well proven and established technology, the committed and competent team apply their knowledge to design not only "standard" equipment with new functionality and lower energy consumption, they also supply complete new concepts, such as a motion compensation system for marine helicopter decks, the world's first so far. This is a new development that significantly increases the accessibility of offshore vessels under operation, which ultimately has a significant economic up-side for both ship



owner and operator. TTS Energy was the first in the market to offer anchor handling winches with active heave compensation – an additional functionality which changes a anchor handling vessel to an economically, environmentally friendly and efficient multi-purpose vessel with great potential for increased earnings for the owner.

In addition to handling solutions for offshore activity, TTS' Energy division also provide complete onshore and offshore drilling packages.

Marine Aluminium AS www.m-a.no

is a leading company providing access solutions for safe and reliable transfer of personnel to ships, vessels, rigs and installations, serving the maritime and offshore industry.

Marine Aluminium AS has more than 50 years experience in this field, and developed and delivered the world's first helideck in aluminium as early as 1974 for the semi-sub drilling rig "Haakon Magnus". Since then Marine Aluminium have delivered more than 450 helideck systems and 50 advanced telescopic gangway solutions, ranging from 25 to 48 meters, to customers all over the world..

At present, the company has 140 skilled and motivated employees in three locations, Karmøy and Stord in Norway, and one in Ningbo, China. The head office is located at Karmøy in Norway. Revenue in 2009 was NOK 320 million.

For further information please access;

www.Uptime-Alliance.no (active after 01 july 2010)

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