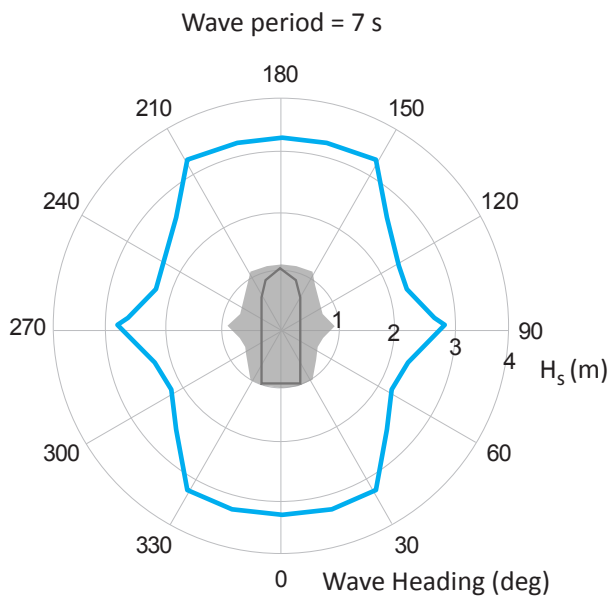
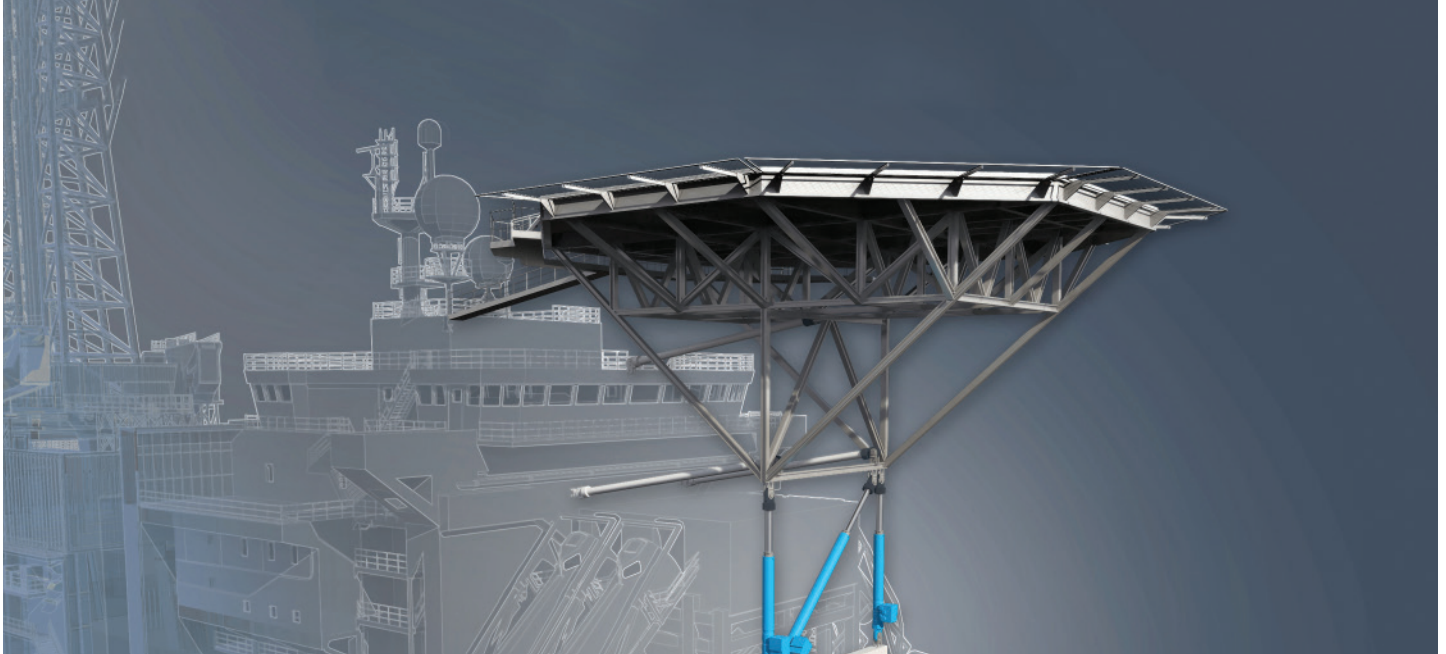


BM-MCH

MOTION COMPENSATED HELIDECK



BARGE MASTER
MOTION COMPENSATION SYSTEMS



■ Traditional operational window
— Operational window with MCH

Typical operational envelope with a Barge Master

COMPENSATION

The BM-MCH significantly increases safety and the operational window, therefore reducing the costs of offshore helicopter operations and the larger operational costs of not having the right people and equipment on board at the right time.

Barge Master Engineers design each motion compensated helideck to accommodate specific vessel and environmental requirements. The BM-MCH will be engineered to operate to the Client's standard and unique requirements.

EXAMPLE SPECIFICATIONS

Diameter	12 m
Construction	Aluminum
Helicopter capacity	EH-101 S-92

TECHNOLOGY

The BM-MCH measures vessel motions and actively compensates roll, sway and heave by means of three hydraulic cylinders. The surge and yaw of the vessel can be constrained by using either dynamic positioning (DP) or a traditional anchor system. On larger vessels the pitch movements are minor and do not hinder the safety of a helicopter operation.

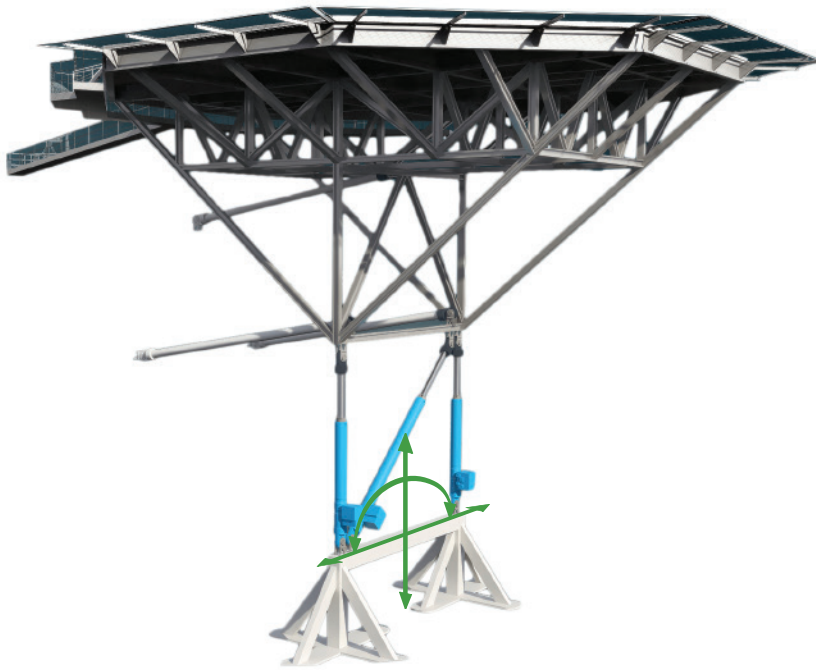
The BM-MCH is a customized system and can be purchased to integrate into a new vessel or retrofitted to an existing vessel.

PARTNERS

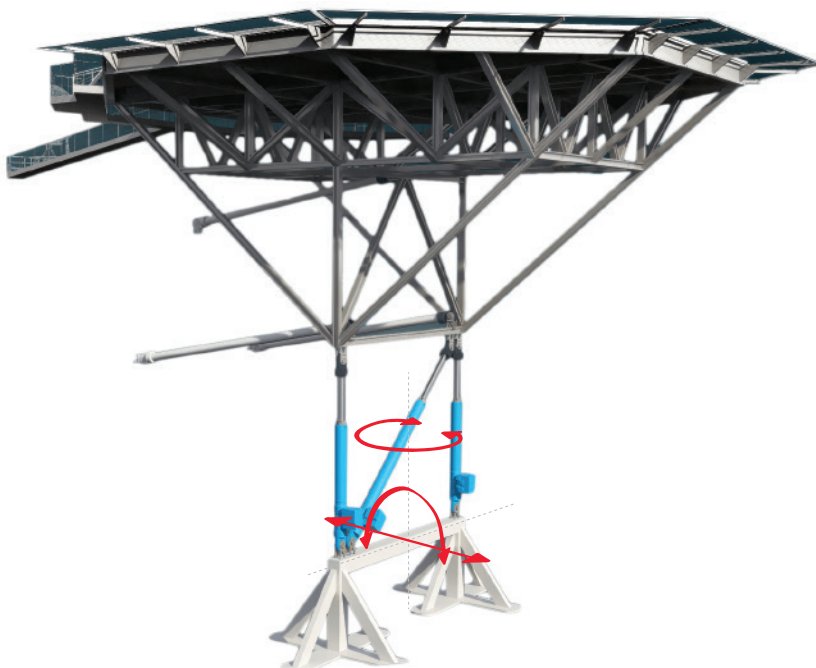
Bayards Aluminum Constructions is one of the world's leading companies in engineering, design, fabrication and installations of complex lightweight and Maintenance Free Aluminum structures.

With over 50 years of experience and an immense track record of supplying quality aluminum helidecks, Bayards combines its experience with that of Barge Master to develop the first aluminum Motion Compensated Helideck. The Helideck resolves critical motion issues associated with costly downtime.

BAYARDS
solutions in aluminium



Compensated motions



Constrained motions



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