



MOTION COMPENSATION SYSTEMS

PROBLEM

TYPICAL CRANE BARGE OPERATION



[Click here to Play](#)



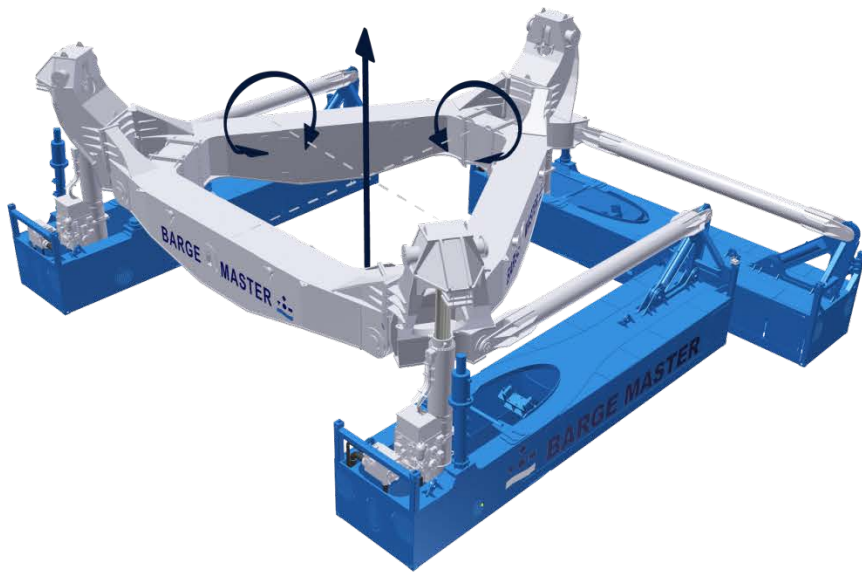
SOLUTION

BM-T700

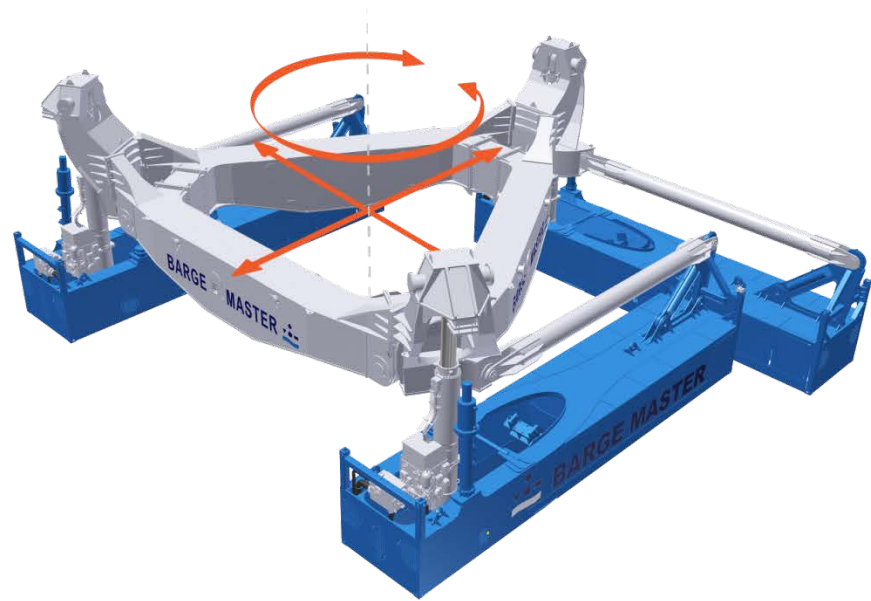


SOLUTION

HEAVE, ROLL & PITCH COMPENSATION



COMPENSATION OF **HEAVE**,
ROLL AND **PITCH** MOTION



FIXATION OF **SURGE**,
SWAY AND **YAW**





BARGE MASTER
DEMU 111881

BARGE MASTER
Retroth



BM-T700

NORTH SEA OPERATION

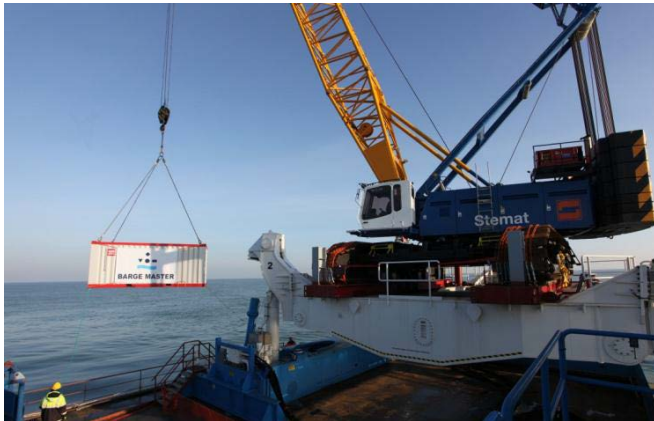


[Click here to Play](#)



BM-T700

SEA TRIALS



BM-T700

MAKING-OF



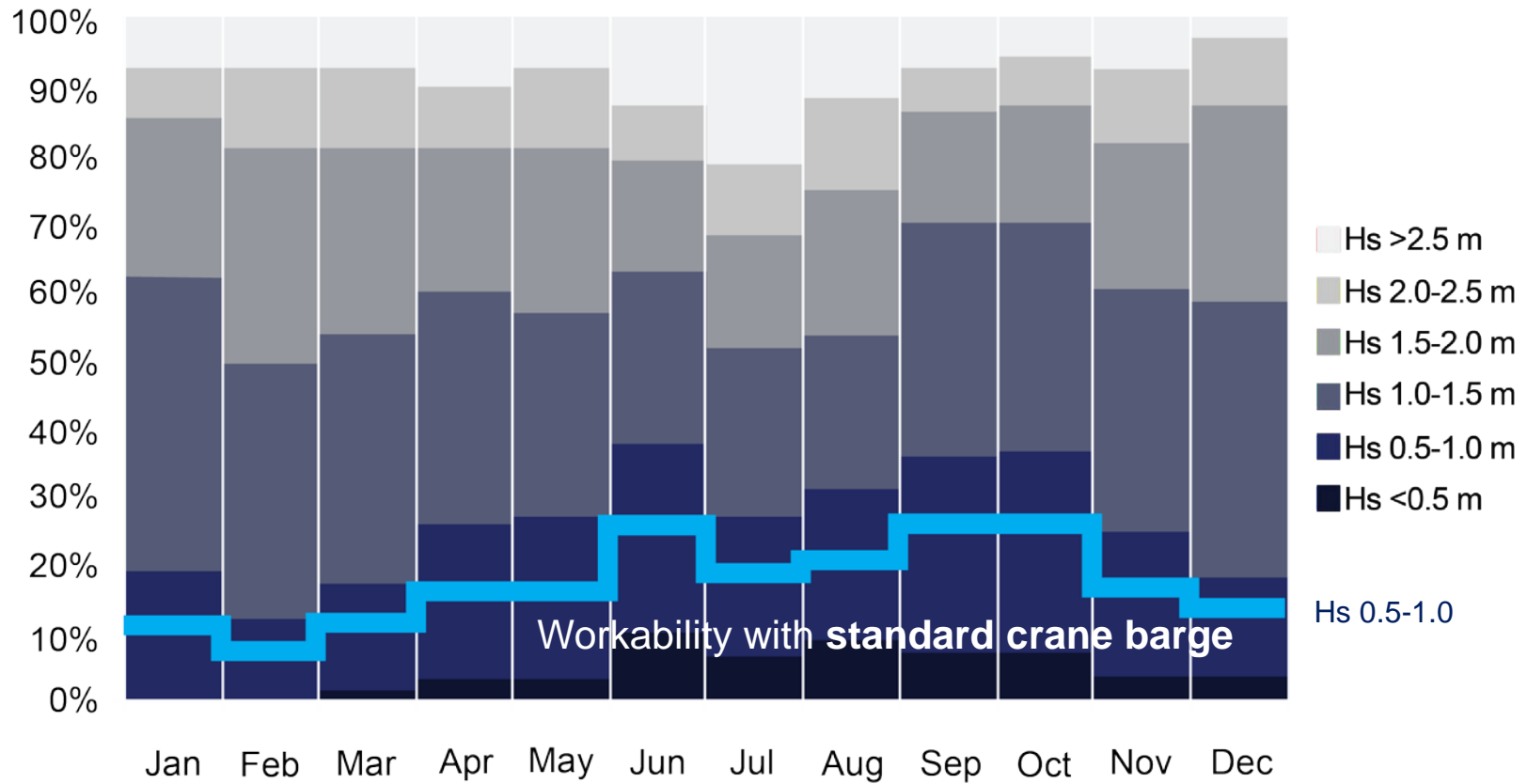
[Click here to Play](#)



BENEFIT

INCREASED WORKABILITY

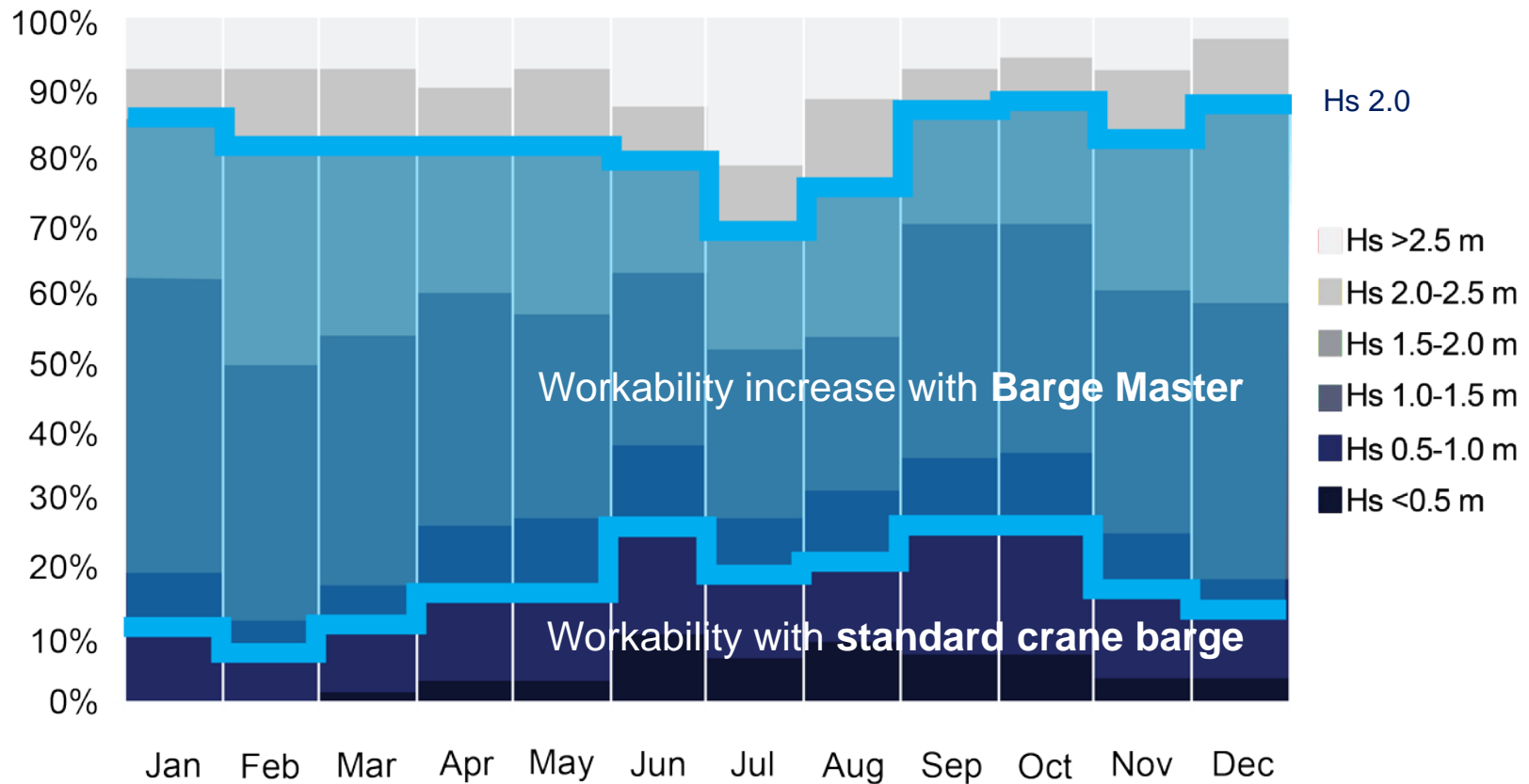
Occurrences of wave height classes per month
Location: South Pacific Ocean



BENEFIT

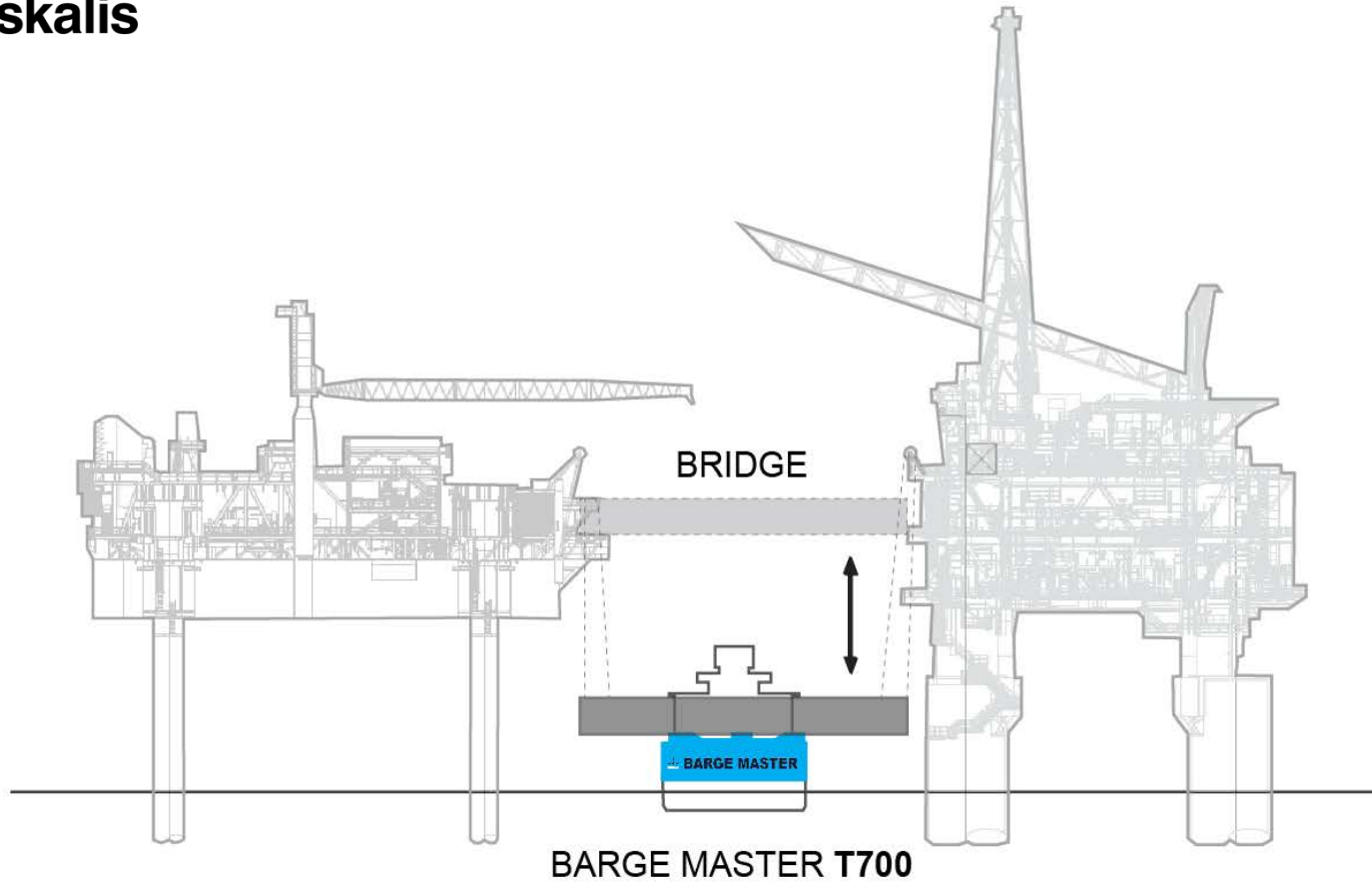
INCREASED WORKABILITY

Occurrences of wave height classes per month
Location: South Pacific Ocean



PROJECT

MALAMPAYA – Client: Boskalis / Shell









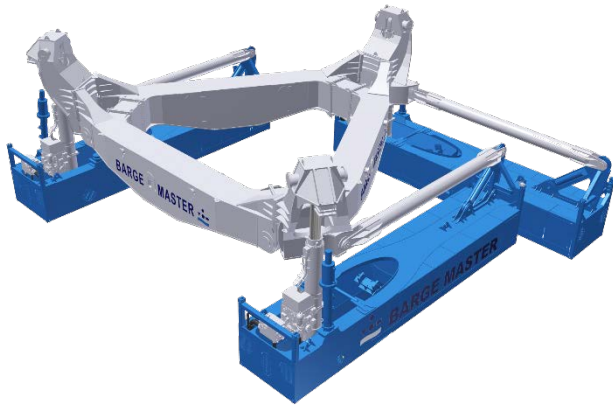
Boskalis





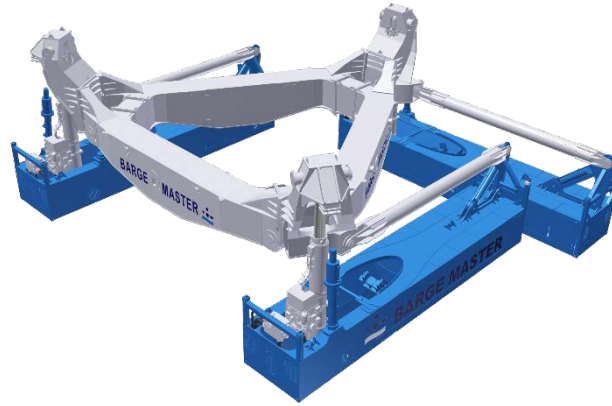
MULTIPLE BARGE MASTER T700S

INCREASED PAYLOAD



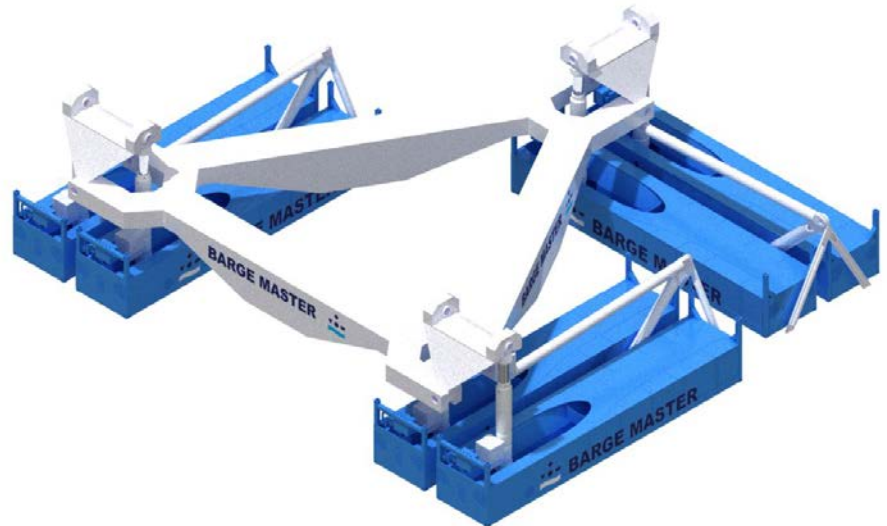
BM-001
700 mT

+



BM-002
700 mT

=



BM-T1400
1400 mT
~320 mT at 12m

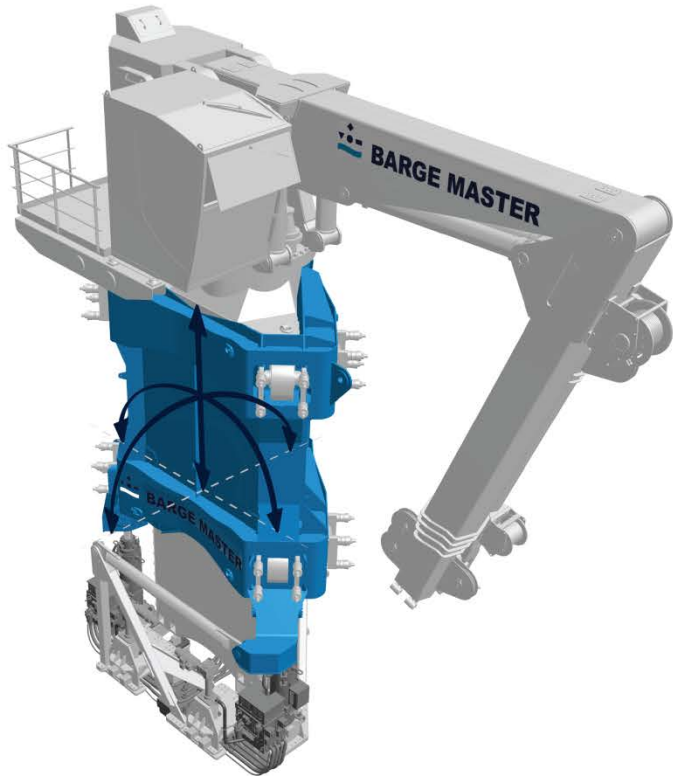


BM-T40



SOLUTION

HEAVE, ROLL & PITCH COMPENSATION



COMPENSATION OF **HEAVE**,
ROLL AND **PITCH** MOTION



FIXATION OF **SURGE**,
SWAY AND **YAW**





T-40 NAM Operations



[Click here to Play](#)



BM-MCH

MOTION COMPENSATED HELIDECK



BARGE MASTER

BAYARDS

solutions in aluminium

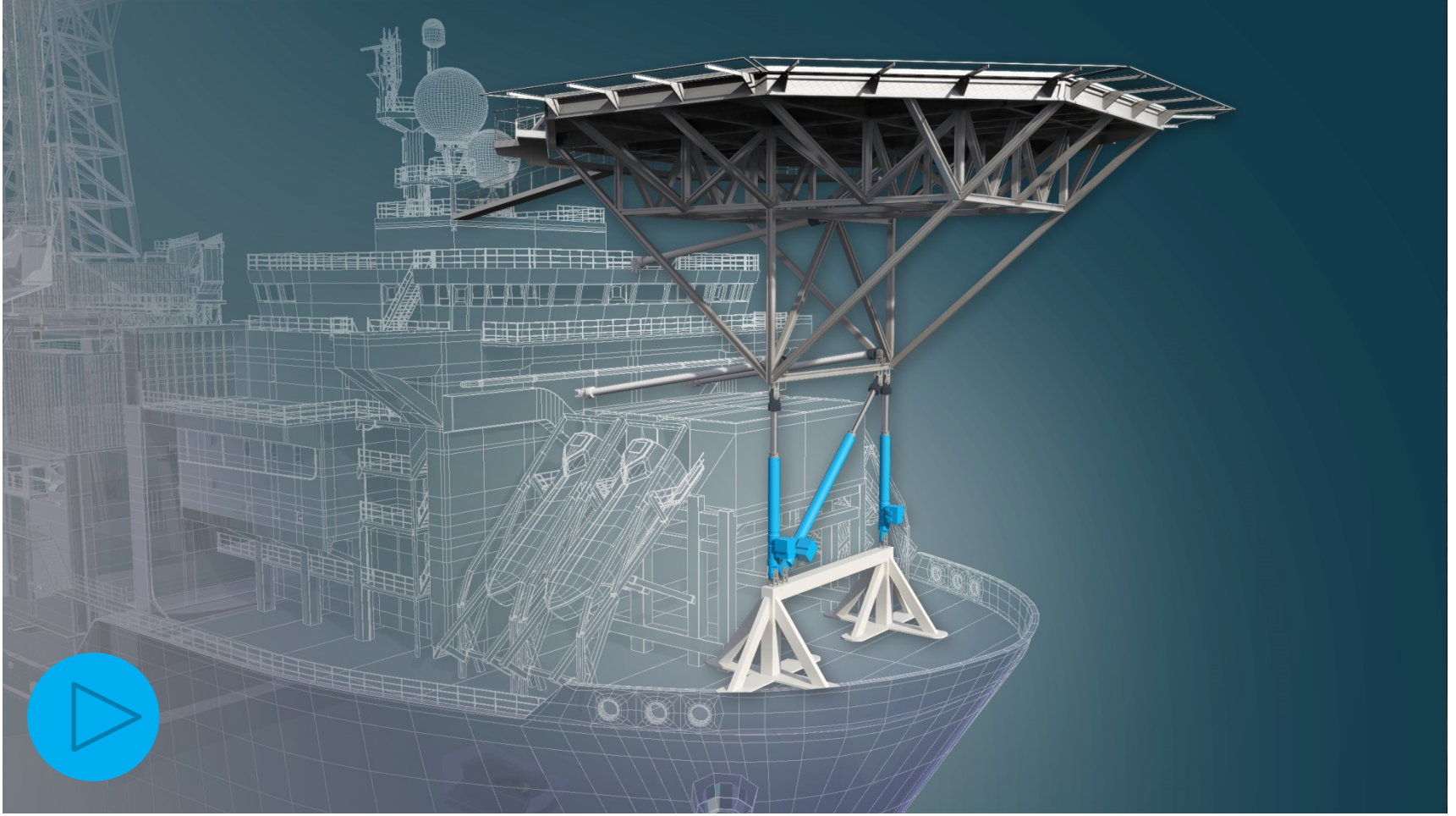


COMPENSATION OF **HEAVE**,
ROLL AND **SWAY**



BM-MCH

MOTION COMPENSATED HELIDECK



[Click here to Play](#)



ABOUT US

PROVEN, RELIABLE TECHNOLOGY



Hydrodynamics
and maritime
research



D&C
system



Certified
lifting
appliance



Marine
operations
survey



ISO 9001
quality
management





BARGE MASTER

BARGE MASTER

BARGE MASTER

Business case Well Workover

Alternatives (conventional methods)



Jackup rigs with cantilever rig

These are expensive to mobilize, hard to maneuver and limited by water depth and soil conditions/obstructions.



(semisubmersible) Tender Barges with offshore crane

These are limited by wave height, and cause unsafe working conditions.



Transfer Well Workover equipment onto platform, using platform supply vessel (PSV)

Limited by wave height, deck space, accommodation space and each offshore facility needs its own platform crane.



Business case Well Workover

Barge Master's solution

Application



Accommodation Barge



Hydraulic Workover Unit



BM-T700 Motion compensation platform







Barge Master bv

Office

Fascinatio Boulevard 882a
2909 VA Capelle aan den IJssel
The Netherlands

Telephone

+31 (0)10 40 900 60

E-mail

info@barge-master.com

Website

www.barge-master.com

Twitter

[@Bargemasterbv](https://twitter.com/Bargemasterbv)

