

Fender Deployment/Recovery System

Woodside Energy Limited



Lady Christine during fender deployment and recovery system testing.

Fender Recover System

PROJECT PROFILE

Client:	Woodside Energy Limited
Scope:	Design (conceptual and detailed), fabrication and installation services.
Location:	MV Lady Christine, Karratha
Project Duration:	7 weeks
Date:	June 2007 - Aug 2007

As part of the Cossack Pioneer FPSO UWILD, the Lady Christine was required to come alongside the FPSO three times per day for up to 6 days.

In the past the mooring procedure meant the manual deployment and recovery of three 4.5T Yokohama fenders using the ship's aft A-frame. This method was both labourious and slow, typically taking 3 hours per deployment/recovery operation.

In conjunction with Woodside **AME** designed, fabricated and installed a hydraulic deployment and recovery system that allowed the fenders to be easily lowered and raised in and out of the water as required.

AME's system resulted in deployment/recovery times of only 15 minutes whilst also significantly reducing the risk of injury to the ship's crew.



(a)



(b)



(c)



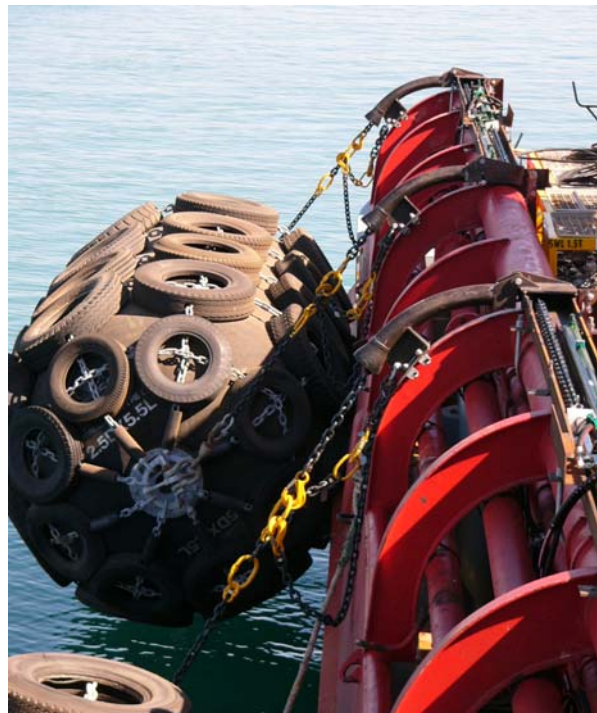
(d)

Photo (a): Manufacture of hydraulic cylinders.

Photo (b): One of the 3 units laying fully assembled on the wharf prior to installation on the vessel.

Photo (c): First unit installed on vessel's crash rail awaiting final bolt up.

Photos (d-e): System undergoing function testing.



(e)

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