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Delivering bespoke customer solutions

An AET factsheet on our modular capture vessel business and activities

We strive to deliver innovative and bespoke solutions for our customers. In June 2011, we were awarded a 20-year contract to supply two modular capture vessels (MCVs) to the Marine Well Containment Company (MWCC) – a consortium of the world's leading oil companies created to mitigate risks relating to drilling and extraction activities in the US Gulf.

MCVs are unique, first-in-class Aframax vessels that combine FPSO[1] and DP[2] technology in a single hull. Built by Tsuneishi in Japan and converted by DryDocks World Dubai, these vessels form part of an innovative marine system solution designed to respond in a subsea well control incident.

Today, both *Eagle Texas* and *Eagle Louisiana* are fully operational and trading in the US Gulf, where they are ever ready to deploy for carbon capture duties, when needed.

[1] Floating Production Storage and Offloading
[2] Dynamic positioning
[3] Kilobaud
[4] Thousand standard cubic feet per day

Specific innovations include:

- Adaptable design ensuring vessels are suitable to handle a wide range of subsea well conditions, well connection scenarios and weather conditions.
- Capable of operating in water depths of up to 10,000 feet.
- Fully DP capable with four large azimuth thrusters and one large tunnel thrusters.
- A new power management system and enhanced propulsion system.
- Can store and offload up to 100 KBD[3] of water and oil; and flare up to 200 MSCFD[4] of natural gas.
- Contains an integral hydrocarbon processing facility.
- Equipped with offloading and mooring modules.
- Onboard accommodation and facilities for over 60 people.

The Eagle Louisiana is pictured here in full module mode during her sea trials. Picture courtesy of Marine Well Containment Company.

For more information, please write to corpcomms@aet-tankers.com

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