

MWCC's mission is to be continuously ready to respond to a deepwater well control incident in the U.S. Gulf of Mexico.



Marine Well Containment Company:
An Industry Collaboration Advancing Deepwater Well Containment Technology & Readiness Efforts

By: Carmine Dulisse | Health, Safety, and Environment Officer

Following the Deepwater Horizon incident in 2010, Marine Well Containment Company (MWCC) was formed to provide enhanced well containment equipment and response capabilities for operators drilling in the deepwater U.S. Gulf of Mexico. Today, MWCC is comprised of 10 member companies: Anadarko, Apache, BHP Billiton, BP, Chevron, ConocoPhillips, ExxonMobil, Hess, Shell and Statoil. MWCC's mission is to be continuously ready to respond to a deepwater well control incident in the U.S. Gulf of Mexico.

MWCC's interim containment system (ICS) – available for use since February 2011 and maintained in a state of readiness should it be needed – is the result of unprecedented industry collaboration and enhances previous response capabilities. As part of its commitment to keep pace with its member's needs, MWCC is building on current capabilities and enhancing technology by constructing the expanded containment system (ECS). This poster includes an update on MWCC since its formation, including technology advancements that have been made to date and the enhanced containment capabilities that will be realized through the ECS – which represents an investment of more than \$1 billion by MWCC's members.

The ECS can operate in depths up to 10,000 feet and has the capacity to contain up to 100,000 barrels of liquid per day (and handle up to 200 million standard cubic feet per day of gas). Delivery of equipment began in 2013 to the two shore base locations MWCC has established on the Gulf Coast where the equipment will be stored and maintained. Additionally, MWCC introduced a new, smaller 10k psi capping stack that was designed for deepwater installations where well casing and riser systems are closely spaced. It is one example of the evolution of containment technology and ongoing enhancements to MWCC's system.

The creation of MWCC is an important milestone for industry, and the delivery of new equipment and services – such as the ECS – by MWCC is a direct reflection of the company's mission to be the leader in deepwater well containment in the U.S. Gulf of Mexico. As the industry continues to evolve – whether through deeper water depths, greater pressures or other areas – MWCC is committed to working collaboratively and advancing technologies to keep pace with our members' needs.



MWCC's ICS available for use



MWCC reservist response team formed



SURF (Subsea Umbilical, Risers and Flowlines) Shore Base established



MCV (Modular Capture Vessel) Shore Base established



10k capping stack available for use



MCV EAGLE TEXAS arrives at MWCC shore base in Ingleside, TX



MWCC's 15k psi capping stack rerated to cap a well in temperatures up to 350 degrees Fahrenheit



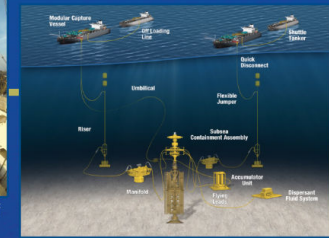
Capping stack demonstration successfully completed



Construction of MCV and SURF Shore Bases completed



Both MCVs arrived in Gulf of Mexico for integration and commission testing



MWCC's ECS delivered and available for use