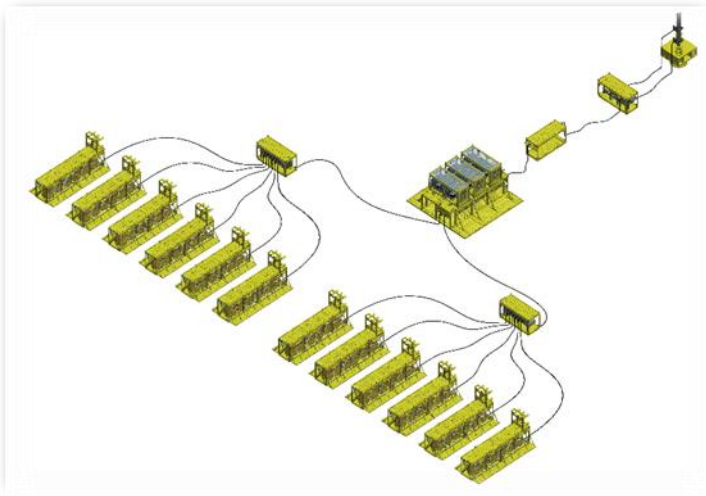


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## **OCEANWORKS INTERNATIONAL DELIVERS THE SUBSEA DISPERSANT FLUID SYSTEM (SDFS) TO MARINE WELL CONTAINMENT COMPANY (MWCC)**

OceanWorks International delivered a Subsea Dispersant Fluid System (SDFS) to Marine Well Containment Company (MWCC). The system will be an integral part of the emergency response tool kit for a well control incident in the deepwater U.S. Gulf of Mexico.



*Figure 1 SDFS Field Layout*

The SDFS system supports dispersant supply from the surface as well as autonomously from the seabed. To reduce vessel crowding at the intervention site, the SDFS system delivers dispersant from more than one mile away from the incident site. The system can function autonomously for up to five days without intervention.

The system utilizes a series of individual modules including twelve dispersant bladder skids (previously delivered to MWCC by OceanWorks), two gathering manifolds, three autonomous pumping stations, two intermediate manifolds, and two mixing chambers to inject dispersant at the Subsea Containment Assembly.

The SDFS System will upgrade the existing Subsea Autonomous Dispersant Injection (SADI) system currently employed by MWCC. It is a custom design based on learnings from the initial SADI and evolving understanding of the functional and operational requirements. This vision was handed to OceanWorks' engineering team and the end result is a system that provides reliability, safety and security in deployment and operation

OceanWorks International is a subsea solution engineering company, providing more than 20 years of service to the Oil & Gas, Military, Scientific, and Environmental markets. The SDFS project involved design, engineering, analysis, manufacturing, testing, documentation, and a close working relationship with all of the stakeholders. For more information regarding OceanWorks International's products and services visit our website, [www.oceanworks.com](http://www.oceanworks.com), or contact us at [sales@oceanworks.com](mailto:sales@oceanworks.com)



*Figure 2 SDFS Battery/Pumping Skids*