Subsea Integration Alliance

SIA

Gulf of Mexico

Dalmatian Field

Water depth range	5,900 ft [1,800 m]
Project type	Enhanced oil recovery (EOR) with long-distance subsea tieback
Awarded	2016
Start-up	2018

Background

Murphy sought an integrated approach while developing the Dalmatian field in deepwater Gulf of Mexico. Early technical engagement by Subsea Integration Alliance during field development planning resulted in viable project economics. Combining project execution, engineering, HSE, and quality philosophies helped enhance efficiencies resulting in a successful revitalization of the existing brownfield asset.

Technologies

- **Subsea multiphase pump system**
- **Subsea foundation**
- **Topside power and control system**
- **22 miles [35 km] of power and control umbilicals**
- **Transportation, precommissioning, installation, commissioning, and pump start-up**

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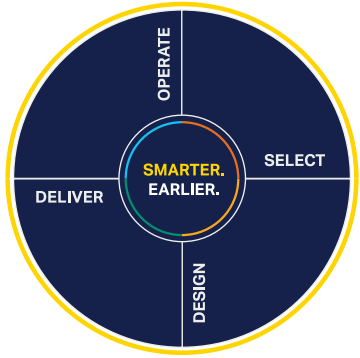
Murphy sets length and efficiency records with integrated EPCIC solution

Longest deepwater multiphase boosting tieback and shortest implementation time achieved with Subsea Integration Alliance

As a result of the integrated EPCIC solution delivered by Subsea Integration Alliance, Murphy set records for the longest deepwater subsea multiphase boosting tieback (22 miles) and for the shortest subsea boosting implementation from concept to start-up.



Subsea Integration Alliance is a non-incorporated strategic global alliance between Subsea 7 and OneSubsea®, the subsea technologies, production and processing systems division of Schlumberger.