DeepStar Recruiting Members for DeepStar 2019

DeepStar is the industry’s longest running and most successful offshore technology development consortium and it has generated significant value by providing technology transfer to its members and the industry. There is an increased need in the industry for an operator-driven, collaborative technology development program.

DeepStar® Core + Satellite Model

Core Program
DeepStar CORE Program focuses on all members’ common collaborative technology needs; discusses industry technology issues and develops ideas for larger, elective satellite projects.

Satellite Program
Focuses on elective Satellite Projects in which the technology advancement is aided by collaborative among interested parties.

Partnership Program
Leverage external non-member funds to advance technology for industry and our members needs.

DeepStar 2019 Model

DeepStar® Technical Subcommittees:

- Drilling, Completion and Intervention
  - Drilling Operations
  - Downhole Early Kick Detection
- Flow Assurance
  - Concurrent Wax and Hydrates Deposition
  - Plugged Flowline Diagnostic Technologies
  - Quantifying the Effect of Insulation on Hydrate Deposition in Gas-Filled Deadlegs
- Subsea Systems Engineering
  - Thermoplastic Composite Pipe in Deepwater
  - Subsea Asset Integrity – Docking Station Standardization
  - Subsea Composite Flowlines
  - Subsea Electrical Fail-Safe Valves
  - Subsea Leak Detection with AUV
  - Integrated Flowline cost reduction program
  - HPHT Systems Review & Validation
- Floating Systems & Met-Ocean
  - Integrity Management
  - Riser Continued Service
  - Accurate and Reliable Surface Measurement
  - Data Standardization for Digital Lifecycle

Potential Technical Subcommittees

- Geoscience
- Reservoir
- Operations

DeepStar Membership Fee
- Core Member ($100,000 - annual)
- Associate Member ($15,000 - annual)
DeepStar Management Committee

Anadarko — Flora Yiu
Chevron — Shak Shamshy (Chairman)
CNOOC — Jiayou Mao
Equinor — Anish Simon
ExxonMobil — William Van Geertruyden & Ginny Garriques
JX Nippon — Umezu Kaoru
Petrobras — Cesar Lima
Shell — Dahai Chang
Total — Khalid Mateen
Woodside — Julie Morgan

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DeepStar®

Mission
Initiate an industry-led cooperative effort to develop economically viable, fit-for-purpose offshore production technology with global applicability and to support the qualification and acceptance of this technology.

Value
Leverage financial & technical resources to:
- Accelerate technology development
- Build deepwater technical competency
- Remove Barrier to technology introduction

Strategy
- Align technology development with offshore business needs
- Gain acceptance of deepwater technologies by industry
- Transfer and apply technology to offshore assets