PROJECT FACT SHEET

- India’s first Ultra Deepwater Greenfield Oil Development Project
- One of the world’s fastest Deepwater Greenfield Oil Developments
- A joint venture project for both Reliance and Aker Solutions
- First FPSO (“Smart One”) project for both Reliance and Aker Solutions
- Anticipated production amounts to 40,000 b/d
- 11 wet handshakes were performed with anchor handling tugs
- Strengthening of shipside for dynamic load of 1000ts
- Special design of underwater traverse
- Construction of linear winch platform
- SAL’s performance was marked by another HSE clean sheet

SAL - Winning the Challenge
Fast-track Ultra-deep Offshore Development MA/D6 Project

As an established and respected heavy-lift maritime full service provider, SAL’s competitive advantage lies in its capability and flexibility to synchronize complementary assets into one successful venture.
In 2007, SAL was entrusted by Reliance Industries Ltd. via two of the world-leading offshore EPC contractors, Technip and Aker Solutions, to serve as their heavy lift transportation provider in the MA-D6 project. The MA-D6 oil field is located in the Northern Krishna Godavari Basin in the Bay of Bengal South East offshore Kakinada. The oil field is part of the larger KG-D6 oil and gas field situated at a water depth of 1200m. MA-D6 is both India’s first Deepwater Greenfield Oil Development project as well as India’s first FPSO project. The exploration of the oil and gas field constitutes a significant milestone in setting India’s growing energy demands.

In this challenging ultra deep offshore oil & gas environment, SAL offered groundbreaking transportation solutions. It flexibly mobilized 3 heavy lift vessels from November 2007 to April 2008 to load both in Europe and Asia to discharge offshore equipment in Kakinada.

- 2 complete vessels with umbilicals and risers
- STP system
- 9 anchor piles
- 1 manifold foundation suction anchor
- 1 production manifold (330ts)

For this special offshore operation a linear winch was installed on MV “Annette” to enable the lowering and wet handshaking of a 330ts manifold below sea level. This operation called for numerous modifications to the vessel that were developed by SAL’s offshore engineering team. The modifications included numerous structural, mechanical and corrosion works as well as enhancing the vessel’s lifting capacity to meet demands.