

Sembawang Shipyard awarded a S\$34 million Complete Outfitting and Commissioning Project

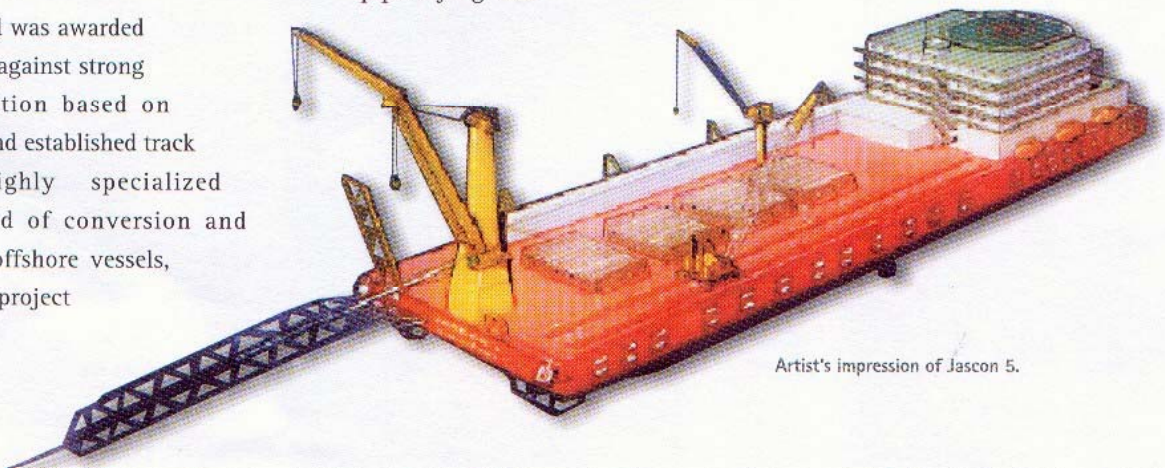
for an Offshore Dynamic Positioned Pipelay Construction Barge

Sembawang Shipyard secured a major contract from Consolidated Projects Ltd (CPL) to complete, outfit and commission an Offshore Dynamic Positioning Class 3 pipe-lay / construction barge, with fleet member *Jascon 5* and built to American Bureau of Shipping Classification rules with notation ABS + A1 Barge + PAS + DPS3 "Pipelay". Upon completion, the *Jascon 5*, which will be operated by Offshore Contractors Pte Ltd, will be deployed worldwide, sailing to the jobsites at 8 knots under its own power.

Sembawang Shipyard was awarded this specialized contract against strong international competition based on the shipyard's strength and established track record in the highly specialized and sophisticated field of conversion and modification work on offshore vessels, which demands strong project management skills, high Health, Safety

and Environment (HSE) standards, proven Engineering, Procurement and Construction (EPC) expertise and strong organizational capabilities.

One of the most challenging aspects of this major contract requires the shipyard to undertake part of the basic design and detailed Engineering, Procurement and Completion of the project, i.e. detailed engineering, outfitting and commissioning of a new barge hull that was constructed in China, into a DPS 3 self-propelled pipe-laying and



Artist's impression of Jascon 5.



construction barge. The new hull, measuring 140m in length, 40.6m in breadth and 8.75m in depth, arrived in March 2003 and is presently undergoing 8.5 months of completion work in Sembawang Shipyard.

Due to the fast track nature and tight schedule of the project, a strong and experienced Project Management Team will be critical to manage significant aspects of the project integrating high-end complete 3-D modeling of the vessel structure as well as outfitting, installation and commissioning. This contract also calls for the detailed engineering of specialized utility systems such as the HVAC, fuel, compressed air, water and the complete electrical, hi-tech power distribution systems.

Other major work includes the installation of owner furnished equipment such as SAS pipe laying equipment, Huisman 800T heavy lift crane, a TTS/Norlift 36 T pedestal crane, 5 Caterpillar diesel generator sets, 8 HRP Azimuth thrusters with Caterpillar engines, a Kongsberg Simrad Dynamic Positioning System and a pipelay stinger and A frame. The shipyard will also

undertake the complete engineering and outfitting of an accommodation deckhouse for a complement of up to 350 persons.

In the words of Mr Kasper Bosma, Project Manager of Consolidated Projects Ltd, "Sembawang Shipyard is competitive in terms of price, quality and experience. The shipyard has demonstrated its track record to handle sophisticated offshore work, which requires strong Engineering, Procurement and Construction capabilities. We are confident that both Consolidated Projects Ltd and Sembawang Shipyard will work closely towards the successful completion and commissioning of the *Jascon 5*".

Mr Ong Poh Kwee, Executive Director, said "We are very pleased to be chosen by Consolidated Projects Ltd for the *Jascon 5* project, as this marks another milestone achievement for Sembawang Shipyard in the area of offshore projects. We thank CPL for their trust and confidence in our project management know-how, design engineering and commissioning capabilities". ⚓