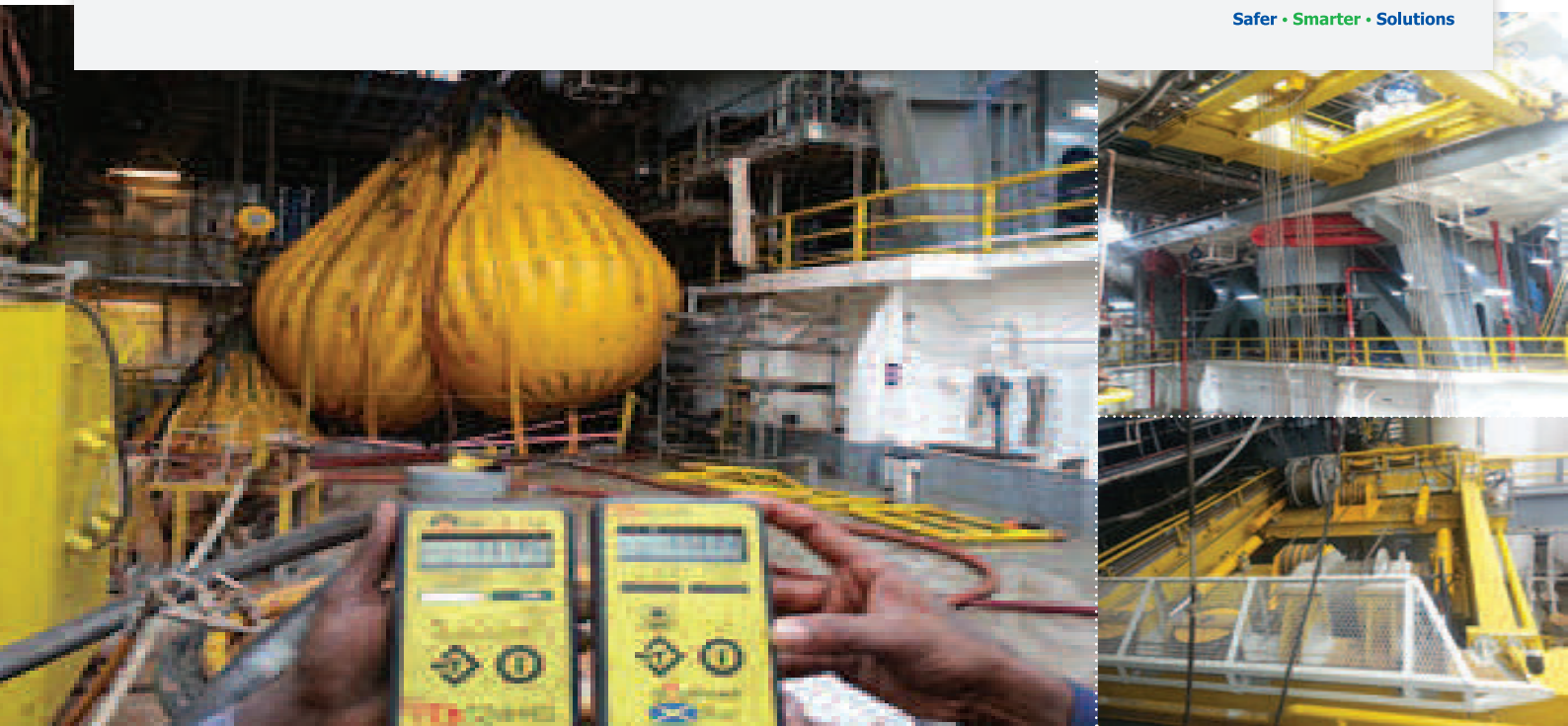


ENSCO 5005 BOP CRANE REFURBISHMENT



EnerMech was contracted by Keppel Fels Shipyard in Singapore to carry out the Mechanical, Hydraulic and Electrical refurbishment of the existing BOP crane on the ENSCO 5005 drill rig.

Client: Keppel Fels Shipyard

Year:

Location: Singapore

Product/Service:
Hydraulic Services

Scope of work

BOP crane refurbishment - Mechanical, Hydraulic and Electrical

Service hydraulic HPU and hydraulic control console

Bench test and service hydraulic pumps, motors and electrical motors (EX-proof)

Dismantle and replace winch gear box, CT telescopic cylinders, sheave and hook blocks, and wire ropes

Service and repair electrical EX-proof control panels and EX-proof junction boxes

Project Delivery

The multiskilled and experienced EnerMech team carried out the full mechanical, electrical and hydraulic inspection, repair and servicing of the BOP crane parts.

This included the reassembly of HPU parts, hydraulic control console, port and starboard winches, LT drive assembly and electrical panels and the installation of winch gear box, CT telescopic cylinders, sheave and hook blocks, wire ropes, and hoses. Mechanical work included renewing and re-torquing all bolts and nuts, and replacement of complete drag chain.

Flushing, testing, load testing, NDT, load cell inspection and recalibration services were also provided.

Key Benefits

Multi-skilled team ensured project was completed on schedule and within budget

Zero Lost Time Incidents (LTI's)

Fully serviced operational crane

