

# DERRICK LAY VESSEL 2000

## FLEX-LAY, HEAVY LIFT & RIGID PIPELAY



Combination heavy lift and pipelay vessel with efficient transit speeds to effectively execute projects in all major oil and gas basins around the globe

**Official Flag:** Panama

**Built/Year:** 2016

**Class:** ABS

### Hull Dimensions

**LOA:** 604 ft [184 m]

**LWL:** 591 ft [180 m]

**Beam:** 127 ft [38.6 m]

**Min./Max. Operating Draft:** 18 ft / 26 ft [5.5 m / 7.9 m]

**Deck Area:** Approximately 40,000 sq ft [4,000 m<sup>2</sup>]

### Communication & Navigation

**Radio:** GMDSS radio system suitable for sea area A1, A2 and A3 service UHF, VHF, NAVTEX, EPIRB, SSAS, SART and Vessel LAN systems



**MCDERMOTT**

## Accommodation

**Berths:** 341 persons (2-man rooms), or 401 persons (4-man rooms)

**Medical:** 2 clinics with 5 beds total

## Power

**Main Generator:** 33 MW (6 @ 5.5 MW in two engine rooms)

**Emergency Generator:** 1.5 MW (Cummins)

**Distribution:** 6.6 kV (switchboard in "Ring Main" configuration to minimize worst case failure loss of thrusters)

## Dynamic Positioning

**DP Class:** DP3

**System:** Kongsberg (power management and vessel automation system)

## Propulsion

**Total Power:** 25.5 MW

**Main Propulsion:** 2 @ 5,500 kW

**Thrusters:**

**Drop Down:** 6 @ 2,000 kW

**Tunnel:** 2 @ 1,250 kW

**Transit Speed:**

**Maximum:** 13.5 knots

**Economical:** 12 knots

## Safety

**Life Boat:** 6 @ 106-persons

**Life Raft:** 6 @ 35-persons, 2 @ 20-persons

**Rescue Boat:** 2 @ 10-man capacity FRC

**Safety System:** In accordance with SOLAS and other regulatory body requirements

## Cranes

**Main Crane:** 2,200 ST [2,000 MT] (NOV / Am Clyde) on stern

**Aux Capacity:** 660 ST [600 MT]

**Whip:** 275 ST [250 MT]

**Secondary Cranes:** 275-ST [250-MT] knuckle boom active heave compensation boom crane on starboard side, 10,000-ft [3,000-meter] water depth rated. 110 ST [100 MT] SWL fixed boom deck crane.

**Lowering System:** Large A&R wire can also be used for lowering with a capacity of 465 ST [425 MT] at the surface

## Pipelay Equipment

**Tension Capacity:** 496 ST (3 @ 165 ST) [450 MT (3 @ 150 MT)]

**A & R Winch:** 550 ST/275 ST (cable length to suit 9,800 ft water depth) [500 MT/250 MT (cable length to suit 3,000 m water depth)]

**Bottom Tension:** 193 ST [175 MT] (DP2 rating in worst case failure)

**Single Work Stations:** 12

**Double Joint Work Stations:** 6 (prefabricated double joints)

**Stinger length:** ~328 ft [~100 m]

**Min. and Max. OD:** 4.5 inches to 60 inches [114.3 mm to 1,524 mm]

## Contact

### Corporate Office

757 N. Eldridge Parkway

Houston, TX 77079

Tel: +1 281 870 5000

[mcdermott.com](http://mcdermott.com)

**MCDERMOTT**