

# EQUIPMENT SHEET

## BOKA PIONEER

DP2 SUBSEA CONSTRUCTION SUPPORT VESSEL



### CONSTRUCTION / CLASSIFICATION

|                  |   |
|------------------|---|
| Built            | 2008, Indonesia   |
| Classification   | ✘ I HULL ✘ MACH Offshore Support Vessel, Supply, SP120. Unrestricted Navigation. ✘ HEL, ✘ DYNAPOS AM/AT R |
| IMO number       | 9594169   |
| Call sign (flag) | V7A3621 (Marshall Island)   |

### FEATURES

The Boka Pioneer is a Dynamically Positioned (DP-2) offshore subsea support vessel, well equipped for offshore construction, ROV, Diving, Survey and geotechnical support roles.

The Boka Pioneer is equipped with a 50-ton subsea crane, and capable of plumbing to water depth of 1,000 m

|          |                          |
|----------|--------------------------|
| Helideck | suitable for Sikorsky 92 |
| Moonpool | 5.4 x 5.2 m              |

### MAIN DATA

|                 |  |
|-----------------|--|
| Gross tonnage   | 4,399 GT                                 |
| Net tonnage     | 1,319 NT                                 |
| Length overall  | 82.20 m                                  |
| Breadth moulded | 20.40 m                                  |
| Depth moulded   | 7.00 m                                   |
| Draught moulded | 5.50 m                                   |
| Deck area/load  | 700 m <sup>2</sup> @ 10 t/m <sup>2</sup> |
| Cargo capacity  | 1,000 t                                  |

### PROPULSION

|                     |   |
|---------------------|---|
| Main engines        | 2 x 2,206 kW @ 750 rpm, Niigata 8L28 HX   |
| Main propulsion     | 2 x Niigata ZP-41 CP stern steerable thrusters  |
| Main generator      | 4 x 968 kW Caterpillar 3508B  |
| Emergency generator | 1 x 450 kW Caterpillar 3412TA with Stamford alternator 440 V/3 p.H. 60 Hz @ 0.8 P.F., 1,800 rpm       |
| Bow thruster        | 3 x 680 kW electric-driven Kawasaki KT-88B3 Double skin tunnel thruster, CPP, abt. 10.5 t thrust each |

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**TANK CAPACITY**


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|               |  |
|---------------|--|
| Fuel          | 800 m <sup>3</sup> (680 m <sup>3</sup> ) |
| Fresh water   | 800 m <sup>3</sup> , approx.             |
| Ballast water | 1,700 m <sup>3</sup> , approx.           |

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**DYNAMIC POSITIONING**


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|                   |   |
|-------------------|---|
| DP classification | DP-2  |
| DP system         | Kongsberg Maritime KPOS DP21<br>Independent C-Joystick System                         |
| Reference systems | 1 x HiPAP500,<br>1 x Laser Cyscan<br>1 x Radius, 2 x DGPS<br>Taut wire system (500 m) |

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**ACCOMMODATION**


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|                       |  |
|-----------------------|--|
| Total allowed persons | 120  |
| Cabins                | 8 x Single berth<br>8 x Double berth<br>24 x 4 berth   |
| Facilities            | 2 x Large project offices<br>1 x Smoking room<br>1 x Cinema<br>1 x Dedicated conference room<br>1 x Dedicated hospital facility<br>1 x Fully equipped gymnasium<br>1 x Prayer room<br>1 x Lounge |

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**LIFE SAVING EQUIPMENT**


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|----------------------|----------------------------------|
| Lifeboats (enclosed) | Solas, 2 x 60 persons each       |
| Life rafts           | Solas, 2 x 16 persons each       |
| Fast rescue boat     | Water jet, 1 x 15 men c/w 160 hp |

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**DECK CRANE**


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|                   |   |
|-------------------|---|
| TTS crane         |   |
| Lifting capacity: | Main Hoist: 50 t: @ 3.7 m - 12 m<br>Aux Hoist: 10 t: 3.5 - 28.5 m |
| Palfinger crane   |   |
| Lifting capacity: | Main Hoist: 5.9 t @ 4.3 m<br>Aux Hoist: 2.9 t: 4.3 - 12 m         |