



Diesel Hydraulic Fire Water Pumps

For this project we successfully tested and delivered a total of (3) three skid mounted 1500 m³/h Fire Water Pump Systems. Each system consists of a hydraulic driven lift pump, installed below the water line, delivering water to a diesel driven booster pump above the water line. The control philosophy is designed for full autonomous operation. Design, construction and testing with Certification to the requirements of ABS including performance testing to NFPA-20 is all done in-house.

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| Project | FPSO Liza Unity |
| Operator / End user | SBM / ExxonMobil |
| Location | Guyana – Stabroek Block, Liza Field |
| Integration Shipyard | Keppel (Seatrium) – Singapore |
| Classification | American Bureau of Shipping (ABS) |
| System Net Capacity | 3 x 1.500 m ³ /hr @ 150 mwc (TDH) – 100% 3 x 2.250 m ³ /hr @ 119 mwc (TDH) – 150% |
| Year of delivery | 2018 |
| Diesel engine power | 1342 BkW (1800 BHP) @ 2300 RPM Caterpillar C32 Marine Propulsion |
| Fire Water Pumps | Pentair – Nijhuis, The Netherlands |
| Hydraulics | Bosch – Rexroth, Germany |

