



Copenhagen,  
13/08/2010

## **Power Plant Extension at La Paz, Baja California Sur, Mexico**

**Another win for MAN Diesel & Turbo low speed prime movers in the power generation market.**

The Spanish contractor, Acciona Instalaciones, has received an order from Commission Federal de Electricidad (CFE), Mexico, for a diesel power plant with an MAN B&W 12K80MC-S prime mover. This order will be a 42.3-MW extension to the two existing 43-MW plants at La Paz, Baja California Sur.

The new plant will work in combined cycle with a Bottoming Cycle Steam Turbine (BCST) and produce 42.3 MW (net) at an efficiency rate of 44.34% at site ambient conditions at station busbar.

The engine, and its related equipment, will be supplied by MAN Diesel & Turbo's licensee Hyundai Heavy Industries Co., Ltd., Korea together with Acciona Instalaciones. Hyundai Heavy Industries Co., Ltd. has already supplied a similar 43-MW plant at La Paz, Baja California Sur.

The MAN B&W 12K80MC-S plant is going to run on local, cost-effective fuel, with a viscosity of around 1100 cSt at 50°C and 4.3% sulphur content – the first two engines already operate successfully on the same fuel. The new installation complements the existing facility with one MAN B&W 10K90MC-S engine and one MAN B&W 12K80MC-S engine and fulfils all local environmental regulations.

**MAN Diesel & Turbo SE**  
Tegholmegade 41  
DK-2450 Copenhagen SV  
DENMARK  
[www.mandiesel.com](http://www.mandiesel.com)

**Group Marketing**  
Further information:  
Peter Dan Petersen  
Tel.: +45 33 85 14 70  
[peterd.petersen@man.eu](mailto:peterd.petersen@man.eu)

Graphics and images:  
Mia Glarborg  
Tel.: +45 33 85 15 90  
[mia.glarborg@man.eu](mailto:mia.glarborg@man.eu)

# Press Release

## MAN Diesel & Turbo



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*La Paz, Baja California Sur*



*12K80MC-S engine*

### **About MAN Diesel & Turbo**

MAN Diesel & Turbo SE, based in Augsburg, Germany, is the world's leading provider of large-bore diesel engines and turbomachinery for marine and stationary applications. It designs two-stroke and four-stroke engines that are manufactured both by the company and by its licensees. The engines have power outputs ranging from 450 kW to 87 MW. MAN Diesel & Turbo also designs and manufactures gas turbines of up to 50 MW, steam turbines of up to 150 MW and compressors with volume flows of up to 1.5 million m<sup>3</sup>/h and pressures of up to 1,000 bar. The product range is rounded off by turbochargers, CP propellers, gas engines and chemical reactors. MAN Diesel & Turbo's range of goods includes complete marine propulsion systems, turbomachinery units for the oil & gas as well as the process industries and turnkey power plants. Customers receive worldwide after-sales services marketed under the MAN PrimeServ brand. The company employs around 12,700 staff at more than 100 international sites, primarily in Germany, Denmark, France, Switzerland, the Czech Republic, Italy, India and China. MAN Diesel & Turbo is a company of the Power Engineering business area of MAN SE, which is listed on the DAX share index of the 30 leading companies in Germany.

Ref.: 6510-0187

8/2010