



## Maersk Oil and Gas Tyra West Platform - Danish Sector, North Sea

### Replacement of 2 Combustion Exhaust Systems

Cullum Detuners were contracted by Maersk Oil & Gas North Sea to design, manufacture and install two exhaust stacks to suit their GE LM2500 units on the Tyra West Platform E in the Danish Sector of the North Sea.

Cullum's design incorporated internally lined sections. This allowed for thermal growth to occur while maintaining a relatively cool outer case touch temperature (60°C). Aside from the personnel protection, this had the added benefit of improving the structural integrity since the supports were not exposed to high temperatures.

In brief the Cullum scope included:

- **Bespoke design of 2 off GE LM2500 Combustion Exhaust Systems**
- **Manufacture of Exhaust components**
- **Supply of Expansion Joints and associated Seals**
- **Delivery to supply base**
- **Supply and Installation of fire proof seals between exhaust and platform decks at various levels**
- **Organising planned component delivery schedule to offshore installation**
- **Working in partnership with clients engineering team**
- **Complete Project Management of design through to installation**