

FPSO Vessels

FPSO "Glas Dowr"



Photograph courtesy of Bluewater Oil & Gas)

The Challenge

The expertise and experience of Tyco Fire & Integrated Solutions within the oil & gas/marine industry is unparalleled and we remain at the forefront in this highly specialised area. Our track record in the protection of Floating Production Storage Offloader (FPSO) vessels for a wide range of offshore operators, speaks for itself.

Tyco Fire & Integrated Solutions were awarded the contract to provide fire and safety systems for the FPSO vessel "Glas Dowr" by the vessel's operator, Bluewater for use in the Amerada Hess Durward and Dauntless fields.

Tyco supplied and commissioned a combined Fire & Gas and Emergency Shut Down system utilising Triconex based equipment with stand-alone mimics. In addition, a TUV approved HIPS system was also provided. The F&G and ESD system interfaced directly with a Fisher Rosemount DCS system for display, monitoring and override/inhibit operation.

Project Details

Safety Systems Supplied:

DCS / ESD / PSD / F&G

Control Product Used:

Provox / Triconex / Him a
DCS 1/0: 18000 (with Fisher Rosemount)
ESD 1/0: 550
F&G 1/0: 600

Fire Protection Supplied:

Deluge: Valve sets and trim cabinets
Gas: CO₂ Skid Units and safety support equipment
Foam: Design and installation of deck foam system, hydrants and monitors
Sprinkler: Design, supply and installation of Sprinkler system

Other FPSO Vessel

Projects include:

- Alba FSU
- Anadyr
- Anasuria
- Gryphon A
- North Sea Producer
- OSI
- P36, P37, P38, and P40
- Schielhallion
- Shell Bonga
- Shell EA (Sea Eagle)
- Uisge Gorm

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