

FPSO Vessels

FPSO "North Sea Producer"

The Challenge

Since the early days of North Sea oil and gas production, Tyco Fire & Integrated Solutions have been working in close partnership with key members of the offshore oil and gas industry to install fire and safety control systems technology on both oil and gas platforms and Floating Production Storage Offloader (FPSO) vessels.

Today, our company's expertise and experience in 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 FPSO ships 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 "North Sea Producer" by the vessel's operator, Odebrecht- SLP and Maersk. The vessel is currently located in the Conoco Phillips Macculloch field.

Tyco supplied and commissioned a combined Fire & Gas and Emergency Shut Down system utilising Triconex based equipment with stand-alone mimics and an addressable fire detection and alarm system that interfaced 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 / Hima
DCS 1/0: 1940 (with Fisher Rosemount)
ESD 1/0: 500
F&G 1/0: 763

Fire Protection Supplied:

Deluge: Supply of Topsides plus, Tank Top Deluge Skids, Hydrants, Monitors, Nozzles

Gas: 5 off CO₂ systems (include Refurb of Existing Systems)

Foam: N/A

Safety: Fireman's equipment, Crash equipment, Life rafts, plus general safety equipment

Other FPSO Vessel Projects include:

- Alba FSU
- Anadry
- Anasuria
- Glas Dowl
- Gryphon A
- OSI
- P36, P37, P38, and P40
- Schielhallion
- Shell Bonga
- Shell EA (Sea Eagle)
- Uisge Gorm

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