

# Oil Storage Vessels

## “Oil Storage Installation”



### The Challenge

The Liverpool Bay Development uses an offshore storage installation to remove the need for tankers to dock in the bay. Tyco Fire & Integrated Solutions supplied and have maintained the ESD and F&G System on board this OSI vessel for its operator, BHP Billiton Petroleum Limited since its conception. The vessel currently operates adjacent to the Douglas, Lennox and Hamilton fields from where oil is piped .

The F&G System is based on Tyco Fire & Integrated Solutions FE2003A-1 hardwired control modules whilst the ESD system is based on the HIMA Planar series solid state modules in a dual redundant configuration.

Our track record in the protection of Floating Production Storage Offloader (FPSO) and OSI vessels for a wide range of offshore operators is unparalleled and we remain at the forefront in this highly specialised area.

### Project Details

#### Safety Systems Supplied:

F&G/ ESD

#### Control Product Used:

Tyco FE2003A-1 Modules/ Hima  
DCSI/O: N/A  
ESDI/O: 30  
F&GI/O: 280

#### Fire Protection Supplied:

Deluge: Sprinkler systems and fire fighting equipment  
Gas: N/A  
Foam: Design and installation of Helideck foam system, hydrants and monitors

### Other FPSO Vessel

#### Projects include:

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

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