

# Fixed Saturation Diving Systems

## Case Study



Divex offer a flexible range of designs of 12, 18 and 24-man saturation systems for integration into new diving support vessels.

Divex Integrated Saturation Diving Systems represent state-of-the-art technology. Recent innovations and the adaptation of existing technologies for diving applications have resulted in significant operational advantages and allow operators to continue working in sea states which would previously have seen the suspension of diving.

### Who

Subsea 7 (DSV Seven Atlantic)

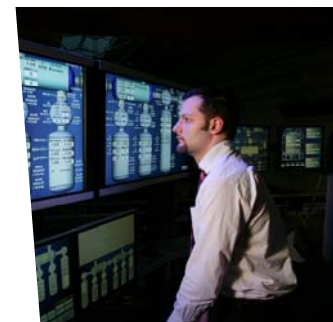
### Summary

Installed state of the art 24 man fixed 300m saturation diving system into a newbuild diving support vessel.



### Services provided

- Design, build and deliver of the system
- 24 man twin bell & lifeboat systems
- Computer based control system providing automation of life support and hyperbaric environment control
- NORSOK compliance and conformity to IMCA requirements



### Benefits delivered

- Use of electrically powered winches for Bell LARS with variable speed drive to reduce noise and improve bell handling
- PLC control system allowing fully automated control of all system functions
- Advances in communications, entertainment systems, lighting and fire suppression systems