



Project Track Record Extract:

Boskalis DaVinci Bell Handling System Modification

The configuration for control of the twin bell handling system installed on the Da Vinci requires to be upgraded to allow for emergency recovery of both the port & starboard diving bells from one of two designated positions on the forecastle deck.

The present configuration only allows for operation of the system from the Dive Control room situated on the shelter deck, but it does not take in to consideration a catastrophic failure inside the dive control that would require all personnel to totally evacuate the room.

The system upgrade allows the operators to plug in a remote-control panel to either the port or starboard emergency connection junction boxes and carry out a full recovery of the diving bell from subsea back to the dive system complex.



The system upgrade consisted of the following:

- Installation of additional transit frames & cable trays where required at various points in the system
- Installation of 2 x emergency JB's (plug-in points for remote panel)
- Installation of additional cables as required for upgraded system
- Wiring modifications carried out to Dive Control 2 x Bell Handling control panels
- Removal of existing 2 x HPP JB's on forecastle deck and replace with new connection JB's & relay panels
- Full function test of system in normal & emergency scenarios.