

### CASE STUDY

<b>ASSET</b>	<b>FIXED PLATFORM</b>	<b>TEAM</b>	<b>4 PERSON</b> (MULTI -DISCIPLINED)
<b>LOCATION</b>	<b>NORTH SEA</b>	<b>DURATION</b>	<b>5 WEEKS</b>

### PROJECT OVERVIEW

Survey, design, fabrication and installation of custom AquaShim stabilisation brackets at +31m level restraining multiple conductors to prevent further fretting damage and deterioration.

### SCOPE OF WORK

- Client approached AquaTerra to provide a solution to stabilisation issues being experienced at the +31m level on 18 conductors. The existing fabricated stabilisation brackets were causing fretting damage to the conductor and had backed off resulting in excessive movement.
- Survey and engineering design of upgraded AquaShim stabilisation brackets
- Conduct CVI of conductors, with particular attention to fretted areas
- Provision of restraint rigging and necessary lift plans
- Surface preparation of conductors prior to installation
- Removal of old brackets and installation of upgraded brackets on x18 conductors



### CLIENT CHALLENGES

- Work required no disruption to well operations – work on live wells
- Complex access and centralisation of conductors whilst stabilisation removed
- Multi-discipline scope including Mechanical, Inspection and Rigging Underdeck Access required necessitating standby cover



### AQUATERRA SOLUTIONS

- Improved design included larger bearing face with AquaShim® wear pads to protect fretted area and prevent further deterioration whilst ensuring durability

### ADDED VALUE

- ✓ Installation of access platform completed on schedule and without any unforeseen disruption to other ongoing activities
- ✓ DROPS-free multi-level working capability enabled by QuikDeck® enhanced productivity whilst maintaining the highest safety level

