

CASE STUDY

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| ASSET | FIXED PLATFORM | TEAM | 6 PERSON (MULTI DISCIPLINED) |
| LOCATION | NORTH SEA | DURATION | 6 MONTHS |

PROJECT OVERVIEW

Steelwork replacement and fabric maintenance of walkway structures in congested and operationally critical areas. Total walkway area in excess of 500m².

SCOPE OF WORK

- Carry-out site survey
- Design and supply suitable access systems
- Prepare lift plans for steelwork replacement activities
- Provide and install encapsulation system
- Plan project to minimise DROPS risk
- Provide multi-skilled offshore team and equipment to complete all required fabric maintenance workscopes



CLIENT CHALLENGES

- Overside work posed additional operational risks and required stand-by vessel cover
- Level below walkway structure operationally important and needed to remain accessible throughout project
- Location exposed to prevailing weather direction, increasing risk of downtime
- Stringent PoB requirements with minimal bed space availability

AQUATERRA SOLUTIONS

- Installed netting system to encapsulate area, resulting in the installation of access system being carried out inboard
- Designed, supplied and installed QuikDeck® access platform, which enabled lower walkway to remain operational whilst offering weather protection
- Work area segregated to allow simultaneous execution of steelwork replacement and FM scopes
- Entire project executed by 6-man multi-skilled team able to install access system, conduct steelwork replacement and FM activities

ADDED VALUE

- ✓ QuikDeck® allowed maintenance works to be carried out inboard - no standby cover vessel
- ✓ The use of QuikDeck® and tensioned netting resulted in no operational disruptions with work permitted beneath the worksite
- ✓ Segregation of work areas resulted in simultaneous execution of scaffolding, steelwork replacement and painting/blasting work-scopes. This resulted in a significant increase in overall efficiency and a reduction total duration

