

# HULL REFURBISHMENT

SAVINGS ACHIEVED THROUGH INNOVATIVE BLASTING ABRASIVE AND TWO-COAT PAINT SYSTEM

Commissioned by TAQA, Bilfinger Salamis UK were asked to refurbish a section of the hull on the East side of the Harding Asset in the North Sea.

The scope involved the removal, and reapplication of coatings on a 702m<sup>2</sup> section of the hull.

## The Solution

Traditionally this job would have involved extensive scaffolding platforms for work over the side of the asset. Blasting using mechanical methods would have been time consuming, and standard garnet abrasive would also have required a vast area to be encapsulated.

Bilfinger Salamis engineers identified that the area could be blasted using Scotgrit. This environmentally friendly abrasive is made from a mix of crushed recycled glass and pure granulated furnace slag, and has a greater coverage rate than garnet.

Unlike garnet, Scotgrit does not require encapsulation, and with careful monitoring, can be dropped to sea at intervals.

Through the use of six back-to-back rope access technicians, and Scotgrit, the need to scaffold a vast area of the hull was eradicated, saving time on man hours and materials.

The area was then prepared with Intercure 202 primer, before a coat of Interzone 954 top coat. The scope originally requested a three-coat system, however Bilfinger engineers identified that the third coat was purely cosmetic, and as the area being painted was in the splash zone, this was not required, saving the client time and money.

## The Outcome

**The scope of work was completed under budget using innovative products and methods.**



## RESULTS AND BENEFITS

- Scope of work completed under budget
- Reduced project time through use of rope access and two-coat paint system
- Reduced scope by 3,500 man hours
- Environmentally friendly blasting process used
- Efficiency measures identified and implemented

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