



# Dolphin Upgrades

CAPE LAMBERT, WESTERN AUSTRALIA

## PROJECT OVERVIEW

**CLIENT:** Rio Tinto Iron Ore  
**DATE COMPLETED:** November 2014  
**ENVIRONMENT:** Brownfield

G&S Engineering were awarded a contract to refurbish a dolphin deck for RTIO at Cape Lambert.

Due to shipping shut windows, a single deck was repaired in the shut window using traditional methods.

## PROJECT HIGHLIGHTS

When the next dolphin repair contract was let, G&S pioneered an installation method utilising twin cranes from a floating barge to enable two decks to be completely refurbished in a single shipping shut.

This enabled a significant increase in efficiency for both G&S and RTIO and improved the task safety profile by reducing the number of dynamic lifts. This improvement in safety and efficiency pioneered the way for G&S to win the subsequent deck replacement works throughout 2014.



**SAFETY IS OUR FIRST  
CONSIDERATION**