



# The Venturer Building at Rosyth – capable of housing two Type 31 Frigates for parallel build and assembly activity – providing Babcock with productivity gains due to improved access and digital connectivity.



## Overview

Babcock's Rosyth facility – home to one of the largest waterside manufacturing and repair facilities in the UK has seen significant investment over the last decade bringing advancements and efficiencies into manufacturing, build and assembly processes.

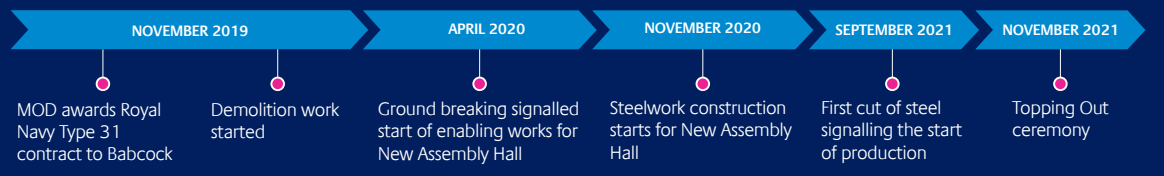
The main assembly and outfitting work for each of the five ships will take place in a New Assembly Hall, capable of housing two Type 31 Frigates for parallel build and assembly.

Free from weather disruption the 147m x 62m x 42m the Venturer Building will provide productivity gains through improved access, digital connectivity and a dry benign environment.

It provides Babcock with an open space to enable effective and efficient work practices and interior gantry stair access removes the need for scaffolding inside the building, enabling personnel to safely access the vessels without having to leave the building.

Access to both the North and South of the facility for the clear flow of materials and ship sections is being accommodated through four Mega Doors which are 28m high and 24m wide, with a demountable centre piece to create a 28m x 48m opening. Two 125T gantry cranes will assist with ship assembly, providing cover to the entire internal area.

## The Story So Far



## The Venturer Building in Numbers



**c.£35M**  
New Assembly Hall

**Houses**  
**2 Type 31**

Frigates for parallel build and assembly activity

Building dimensions  
**147m long,**  
**42m high,**  
**62m wide**



Hardstand  
**149m x 44m**  
piled slab



**9000m<sup>3</sup>**  
of structural concrete



**99.71%**  
of demolition material recycled



**3,672t**  
of demolition material



**Two 125T**  
gantry cranes



Working Footprint  
**145m long,**  
**51.5m wide**



**1500t**  
of hot rolled structural steelwork

**5000**  
steel / concrete piles



**220t**  
of bolts



**110t**  
of cold rolled steelwork