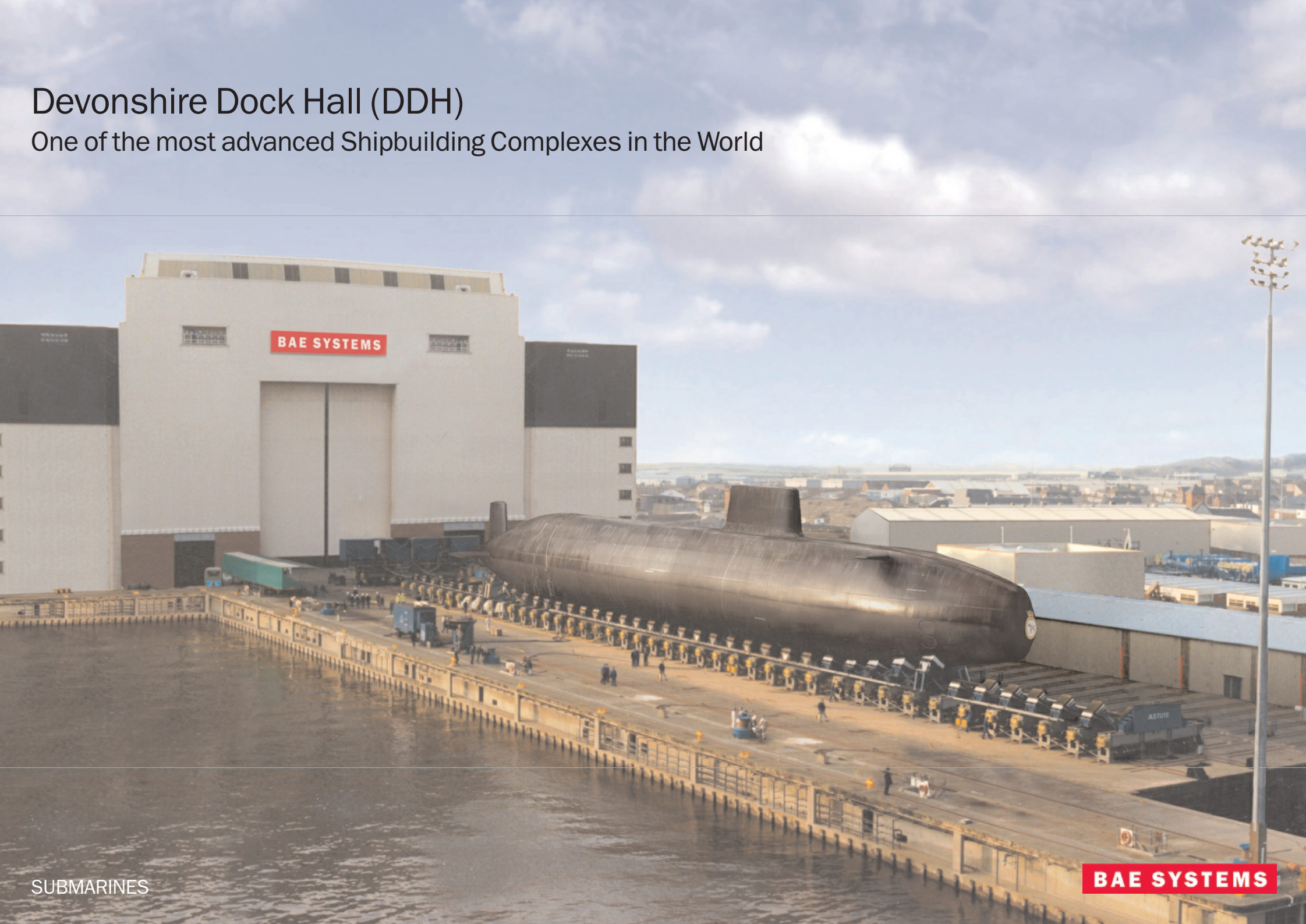
Devonshire Dock Hall (DDH)

One of the most advanced Shipbuilding Complexes in the World



SUBMARINES

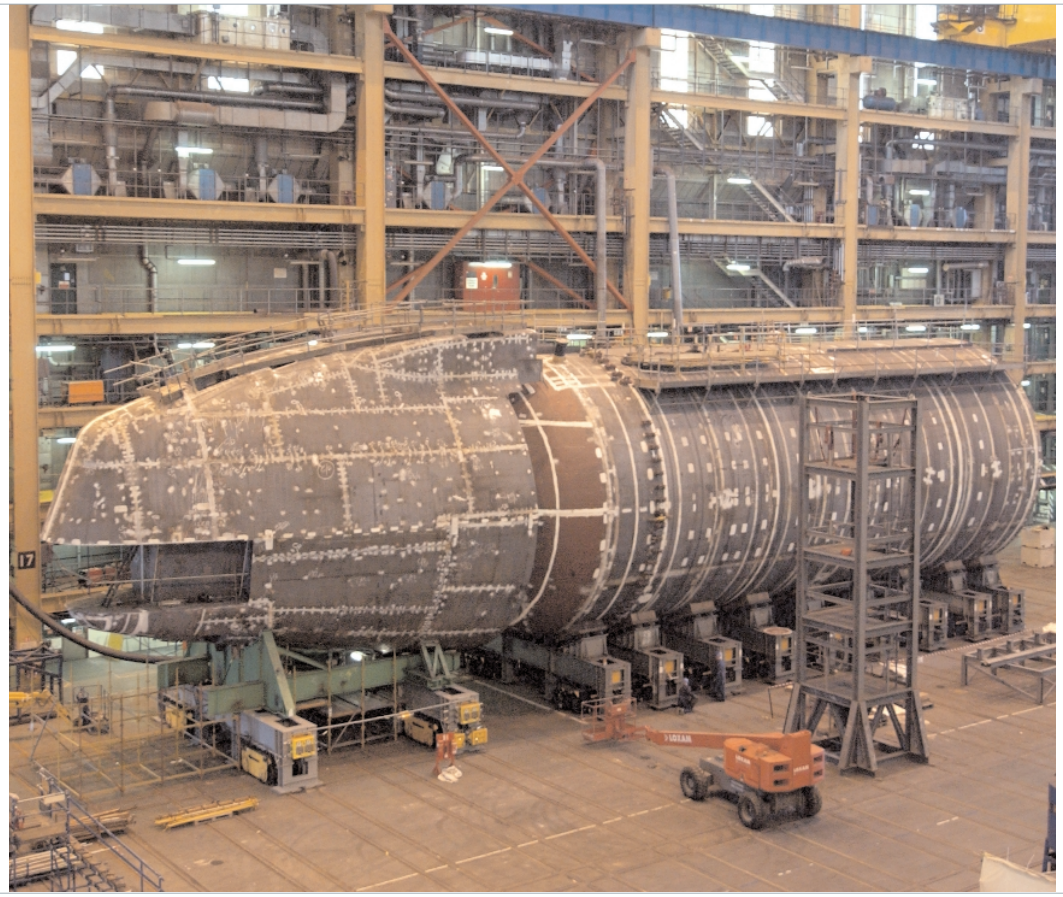
BAE SYSTEMS

The Devonshire Dock Hall shipbuilding construction complex, with associated workshops and amenities, covers an area of 25 000m². The height of the Hall at 51 metres was determined by the need for overhead cranes to clear the raised masts of nuclear submarines.

The land on which the Hall stands was reclaimed by in-filling part of the existing Devonshire Dock with 2 million tonnes of sand, creating a barrier behind which the concrete foundations were laid.

Outside the Hall, a 24 300-tonne capacity shiplift lowers the completed submarines into the Dock and can return them, either to the Hall or sideways to an adjacent hard standing.

Principal Characteristics



Primary Dimensions	
Length Overall	260m
Width Overall	58m
Height Overall	51m
Door Width (Shiplift end)	22m
Door Height (Shiplift end)	29m
Door Width (West end)	35m
Door Height (West end)	29m
Columns	15m apart

Cranes	
2	150 tonnes (high level)
2	30 tonnes (low level)
2	15 tonnes

Shiplift	
Length Overall	162m
Nominal Lift	16 200 tonnes
Shiplift Crane	15 tonnes
Wet Basin Crane	40 tonnes

Facilities

Covered, weather- independent, controlled working environment protects personnel and the submarines.
Streamlined production methods are complemented by a New Assembly Shop linked with a £2.9m improved Light Engineering Department.
Enables Simplified Unit Alignment.
Facilitates Improved Productivity.
Provides the flexibilty to use teams and services to best advantage.
‘Launching’ by shiplift is independent of time and tide.

FOR MORE INFORMATION CONTACT:

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