



**DESMONDE
ASSOCIATES**

PROJECT MANAGEMENT
TOWN & COUNTRY PLANNING
STRUCTURES & HERITAGE

Portsmouth Naval Base Evaluation

Structure/Maritime evaluation for
upgrade/refurbishment for QE Class Aircraft Carrier
operations

Our Process.

Portsmouth Naval Base has been an integral part of the City since 12C. It is home to almost two-thirds of the Royal Navy's surface ships, including the new aircraft carrier HMS Queen Elizabeth (at 65,000 tonnes, the biggest ship ever built for the Royal Navy), the formidable Type 45 destroyers, Type 23 frigates and mine countermeasures and fishery protection squadrons.

DESMONDE ASSOCIATES provided specialist conservation advisory services to BAe through a framework supply chain. Stages included:

- **Structural Appraisal:** DA carried out building and structural appraisals plus design services throughout the built estate encompassing buildings and maritime structures. Some 200 heritage and high value, secure military structures over 5 years. Visual structural appraisals, feasibility studies and BIM were used.
- **R&D:** Our condition survey for refurbishment, discovered that serious structural issues arose from steel frame corrosion requiring substantial emergency restorative works.
- **Geotechnical Investigation:** DA worked with our partners to carry out geotechnical investigations and a proposed scope of upgrade works in order to provide a structurally stable treatment in support of the new Victory Jetty.
- **Project Management:** DA coordinated internal resources, multiple teams, project planning, feasibility analysis and close working with key stakeholders through the full project lifecycle including soft-landings.

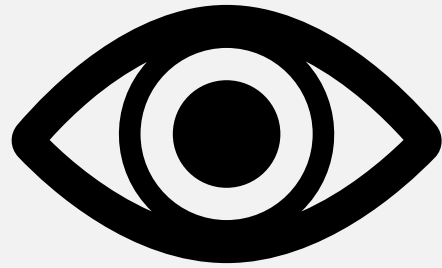


Sector: Private Sector – Structures – Project Management.

Project Length: 20 years

Budget: Approx. £5m

Desmonde Associates Role



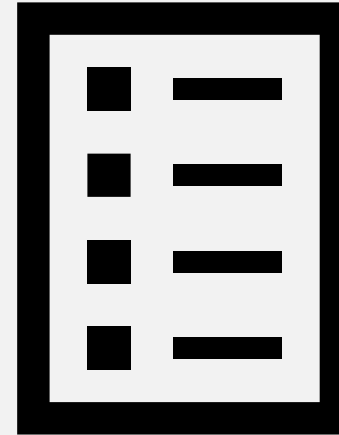
Structural Assessment

Site assessment to evaluate the level of remedial work needed.



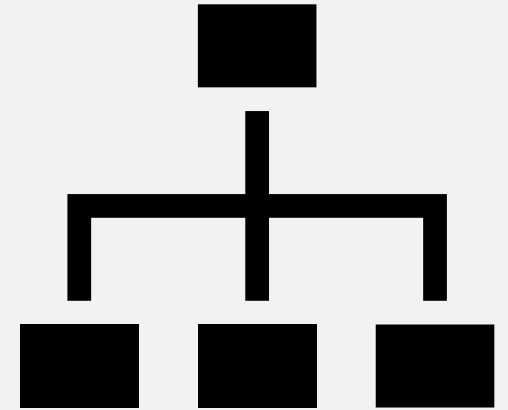
Geotechnical Investigation

Condition assessment of ground and foundation works to be included in remedial work.



Proposed Upgrades

Development of a report consisting of the proposed scope of works for upgrades.



Project Management

Oversight of contract and organisation of stakeholders.

What can we do for you?



**DESMONDE
ASSOCIATES**

PROJECT MANAGEMENT
TOWN & COUNTRY PLANNING
STRUCTURES & HERITAGE

Contact us



Adam Desmonde



00 44 7961 033 117



00 44 1872 554 227



adam@desmondeassociates.co.uk



<https://desmondeassociates.co.uk>



The Old Bank, 48 Vicarage Rd, Saint
Agnes TR5 0TG