

CAPABILITY STATEMENT

MARINE

CAPABILITY STATEMENT - MARINE



UTAH POINT, PORT HEDLAND, WA

OVERVIEW

Peritas Group has a long-standing history in the structural & civil design of marine projects in Australia. Having delivered a variety of projects, big and small, our clients feel secure working with our dedicated marine team that has over 100 years collective experience. Combined with Peritas' temporary works design experience, you can rest assured we'll get the job done safely.

Works include:

- Jettys, Wharfs, Dolphins, Onshore Structures & Buildings
- Structural, Civil & Temporary Works detail design
- Front-end engineering services including feasibility studies
- Structural analysis of existing installations for repairs or extensions
- Extensive experience working with marine construction contractors

PROJECTS:

WHARF PROJECTS:

UTAH POINT, MULTI USER BERTH, PORT HEDLAND
 DAMPIER CARGO WHARF & LNG JETTY, BURRUP PENINSULA
 HAMERSLEY IRON WHARF, DAMPIER
 CSBP WHARF, KWINANA
 OFFSHORE SHIP LOADING WHARF - PORT BONYTHON, SA
 MELVILLE ISLAND WHARF DESIGN, NT
 BUNBURY WHARF NO. 2
 MODULE OFFLOADING WHARF, JERVOIS BAY
 ROYAL PERTH YACHT CLUB EXTENSION AND FLOATING WHARF

OTHER MARINE PROJECTS:

NO.1 BERTH EXTENSION, PORT HEDLAND
 ELIZABETH QUAY ENABLING WORKS
 ESPERANCE TANKER JETTY
 MURRIN MURRIN SULPHUR STORAGE FACILITY & JETTY
 PALM BEACH JETTY - ROCKINGHAM
 PORT DENISON RECREATIONAL JETTY
 WOODMAN POINT RECLAIMER JETTY, WOODMAN POINT
 FLEET PIER, MAJOR DOCKING AND PORT FACILITIES, GARDEN ISLAND
 RGP5 MARINE PROJECT, NELSON POINT PORT HEDLAND
 AUSTAL SHIPS SLIPWAY, HENDERSON
 OCEANFAST SLIPWAY, HENDERSON
 PORT DENISON FISHING BOAT HARBOUR
 AMERICAS CUP HARBOUR -ROYAL PERTH YACHT CLUB
 PORT HEDLAND TUG HARBOUR
 OLD PERTH PORT
 BURSWOOD FERRY TERMINAL, BURSWOOD
 ROCK LOADOUT STRUCTURE, BURRUP PENINSULA
 ON THE POINT DEVELOPMENT, POINT FRASER
 FMG TUG PENS, ANDERSON POINT, PORT HEDLAND



MELVILLE ISLAND WHARF, NT



AUSTAL TROLLEY WEDGE, HENDERSON WA

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AUSTAL SLIPWAY, HENDERSON

DISCIPLINES

CIVIL ENGINEERING

- EARLY BUDGET PLANNING & FEASIBILITY STUDIES
- LANDFILL MANAGEMENT
- DETAILED DESIGN & PROJECT IMPLEMENTATION
- STORM WATER DRAINAGE MANAGEMENT & DISPOSAL
- FLOOD MITIGATION & MANAGEMENT

TEMPORARY WORKS

- SHORING
- LIFTING
- FORMWORK
- FALSEWORK
- PROPPING

STRUCTURAL ENGINEERING

- CONCRETE
- STEEL
- TIMBER
- MASONRY
- ALUMINIUM
- FLOOR SYSTEMS
- MODULAR CONSTRUCTION
- PREFABRICATION
- GLASS
- STEEL & CONCRETE PILING & SHORING
- COMPOSITE CONSTRUCTION
- FORMWORK SYSTEMS

SPECIALIST COMPETENCIES

Pre-Commencement Workshops

- Risk workshop
- Constructability review
- Sustainability assessment
- High-level concept design

Drawings & Documentation

In addition to conventional computer-aided drafting systems (AutoCAD, Microstation), our team are proficient users of BIM Modelling software (REVIT and TEKLA).

Construction Support & Contract Administration

We provide support throughout the construction phase of projects to ensure compliance is achieved. As queries arise our experienced staff are always available to provide prompt responses to avoid delays on site. For civil based projects we provide a full engineering service including full-time site supervision, contract administration and superintendence of contracts.

Specialist Analysis

Our capabilities include Finite Element Analysis and Dynamic Response Analysis to ensure we're able to model any structure. Having the latest software our engineers are able to provide cons effective design solutions for any marine structure.



BARROW ISLAND, SEAWATER INTAKE STRUCTURE



WOODMAN POINT, RECLAIMER, WA