



ROAM MARINE

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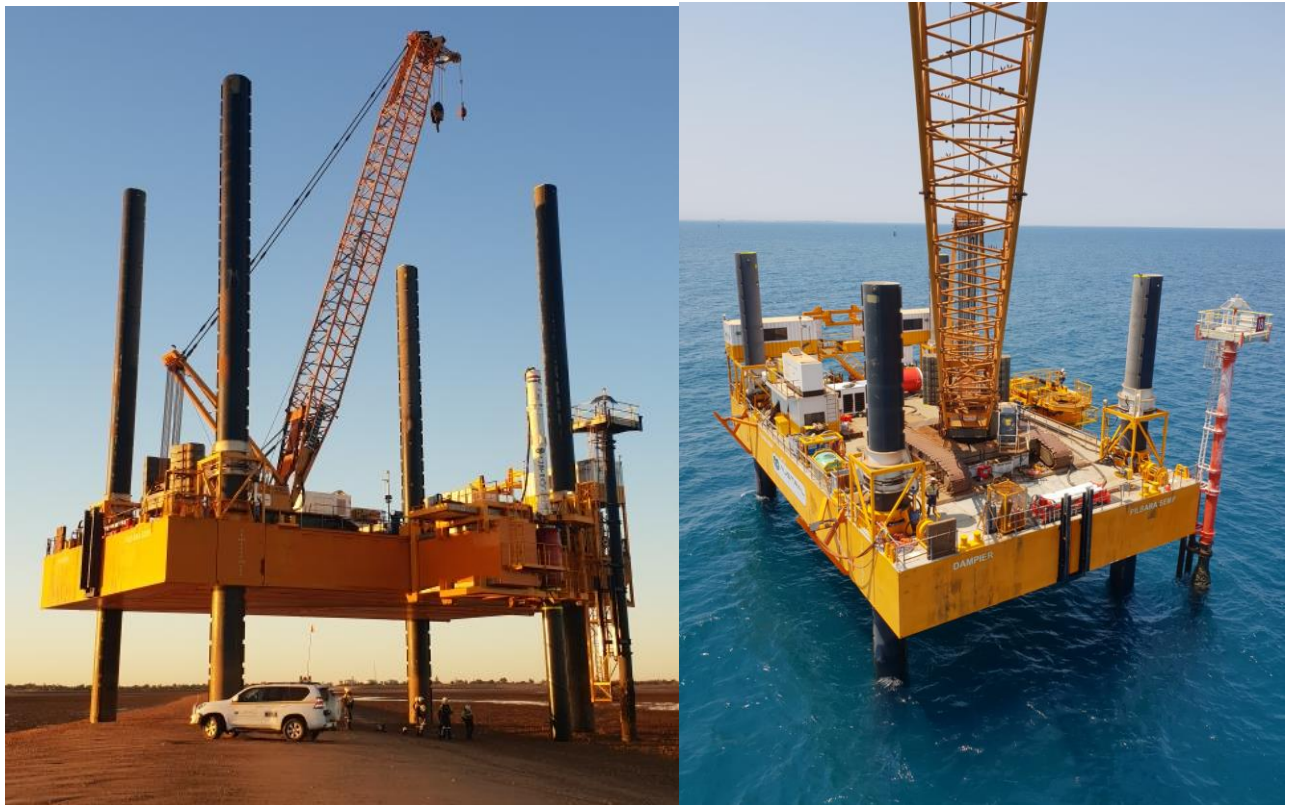
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Project: PPA Port Hedland - Navigation Aids

Client: Austral Construction

Project scope: Engineering manager seconded to Austral for design and construction of 35 monopile navigation aids up to 20km offshore. As engineering manager, Roam Marine, were responsible for:

- Coordination and review of design by consultants – Arcadis (structural & geotechnical), Madson Giersing (verifier), FSG (geotechnical) and Proto (cathodic protection)
- Manage design and constructability interfaces with Austral, their fabricators & consultants including all TQ's, PPA specifications, design basis and shop drawing review
- Document control
- Progress management and PPA design meetings
- Construction support including temporary works design such as pile transport cradles, barge positioning, review pile driving records and as built documentation.



400t jackup on the tidal flat and offshore

An additional nav aid was added to the scope and Roam Marine were engaged as the designer. The pile is further offshore in deeper water and used a locally available grade 350pile that required reinforcement. Works included:

- Structural and geotechnical design
- Drafting
- Engage consultants Cardno (metocean) and FSG (geotechnical)
- Liaise with verifier Madsen Giersing