

ONE MILE JETTY DECONSTRUCTION



OVERVIEW

Project Name	One Mile Jetty Deconstruction
Client	Ventia (Department of Transport)
Site	One Mile Jetty, Carnarvon WA
Duration	Nov /Dec 2021
Main Equipment	Tug Quenda, Backhoe Dredge FT3, Multicat King George, Turret Excavator, Marsh Buggy



DETAILS

In April 2021, Cyclone Seroja impacted the WA coastline between North West Cape and Geraldton, inflicting serious damage to coastal and onshore infrastructure.

The historic One Mile Jetty at Carnarvon sustained significant structural damage, following dilapidation studies and stakeholder consultation, the decision was made to deconstruct and remove the remaining sections of the Jetty.

TAMS was engaged by Ventia to provide the deconstruction services utilising TAMS specialised marine and intertidal equipment capability for the removal of the Jetty piles and structure.

The Backhoe Excavator Barge 'FT3' supported by the Tug 'Quenda' was mobilised from TAMS Onslow Shorebase and utilising a large hydraulic rotating grab attachment provided solutions for offshore deconstruction and pile extraction.

The Multicat 'King George' was mobilised from Fremantle and used to backload the recovered piles, structural members and deck planks for offloading and transport to the recovered jetty materials stockpile.

TAMS Turret Excavator and Marsh Buggy were mobilised by road from TAMS Onslow Shorebase and provided solutions for extraction of shallow water piles and to pick and carry the piles and other jetty structural and deck materials across the shallow intertidal zone onto the beach for processing and transport to the recovered jetty materials stockpile.

An 'As Left' survey was conducted at the end of the workscope.