

# LINX DAMPIER DOLPHIN REMOVAL



## OVERVIEW

<b>Project Name</b>	LINX Dampier Dolphin Removal
<b>Client</b>	LINX Cargo Care
<b>Site</b>	Port of Dampier- PPA Cargo Wharf
<b>Duration</b>	November - December 2020
<b>Main Equipment</b>	AMS Boss Multicat DSV , Tug Quenda, Punt Daintree, Diamond Wire Saw, Exothermic Cutting Equipment, Heavy Lift Vessel



## DETAILS

Decommissioning of the redundant LINX Cargo Care Dampier Floating Wharf facility, adjacent to the PPA Dampier Cargo Wharf, included the removal of four steel Restraint Dolphin Structures, weighing 180t and 485t (two of each).

TAMS developed and executed a safe removal methodology designed to minimise disruptions to Port of Dampier's shipping operations through the efficient use of a Heavy Lift Vessel (HLV). The removal process utilised diver-operated Broco exothermic cutting equipment and a customised Diamond Wire Saw (DWS) system to cut through concrete-filled CHS members. The piles were cut at seabed level and at RL+7.8m for the southern dolphins, with access to the higher cutting level provided by a crane-installed temporary personnel access platform.

TAMS chartered the HLV 'Jumbo Jubilee', which operated within pre-laid anchor spreads to lift the Restraint Dolphin Structures onto the vessel deck. Upon completion, the HLV departed with the recovered structures onboard.