

Darwin Ship Lift Facility Project

Marine construction activity commences at East Arm

The Northern Territory Government is delivering the ship lift to establish Darwin as a thriving maritime services industry hub.

The Darwin Ship Lift Facility site is located on Berrimah Road, between the Common User Facility and entrance to the Darwin Port at East Arm.

Construction of caissons, including installing sheet piles, is anticipated to start in mid-May. Caisson templates have been delivered and are being assembled on site and will be used to start building the caissons, which will form the first seawalls for the project.

Caisson templates are purpose-built, circular steel structures designed to be lowered onto the seabed by crane and secured using 4 large piles. Once in place, long lengths of flat steel sheets known as sheet piles will be lifted by crane into the template. The sheets are driven to a target depth and interlock to form a circular structure with a hollow basin inside, which is then filled with compacted rock (~75mm).

After completing each caisson, the template is carefully removed and repositioned adjacent to the completed caisson to begin the next section of the seawall.

The Department of Logistics and Infrastructure and head contractor Clough-BMD Joint Venture continue to work together to minimise any construction impacts on site.



Above: Caisson templates on the ship lift facility site. Below: Example of a seawall constructed using caisson templates.



For further project information on the Darwin Ship Lift Facility and how potential environmental impacts are being managed visit the [website](#) or contact **8936 5668** during business hours or email DHIP.DIPL@nt.gov.au.

For construction related queries please contact Clough BMD Joint Venture at darwin.shiplift@cloughbmdjv.com.au.

Use the QR code to subscribe for updates on the Darwin Ship Lift Facility project