

## ADVANTAGES

**Our logistics systems offer significant advantages over traditional infrastructure systems, including:**

- flexible, lightweight and rapidly constructed infrastructure that is safe, robust and able to be used long-term
- fast construction times
- low capital costs
- client specific solutions
- ease of construction
- low environmental impact
- heritage protection
- advanced operational standards and methodology
- ability for rapid expansion
- flexibility
- operational and technical adaptability
- ease of maintenance
- easy adaptability to port services
- sophisticated logistics facilitation.

**Australian Floating Decks can provide a complete product and service package from general consultancy to the establishment and operation of installations with services including:**

- regulatory approval
- contract design
- contractor management
- engineering design
- operations design
- site management
- financing.



## Contacts

Paul Toussaint- Jackson  
 Email: paul@australianfloatingdecks.com.au  
 Mobile: 0417 998 573  
[www.australianfloatingdecks.com.au](http://www.australianfloatingdecks.com.au)  
 Australian Floating Decks Pty Ltd  
 PO Box 8120  
 Fremantle High Street LPO  
 FREMANTLE WA 6160





FD Model – can be stand-alone or bridged to a wharf or landside facility



FDTS model – RORO cargo exchange



FD Model on cyclone mooring



FDTS land-backed facility

## AUSTRALIAN FLOATING DECKS

Australian Floating Decks Pty Ltd is a Western Australian based company providing innovative and practical maritime logistics solutions.

We understand the difficulties when projects and supply chains are hindered by the need to invest in expensive conventional infrastructure with long lead times.

We have designed solutions to challenge these constraints with unique installations that provide the same capability as conventional infrastructure but at a much lower cost and much faster lead times. Our installations form logistics systems that transform critical supply chain times and costs for industries such as oil and gas and mining that require an efficient marine interface.

Our installations have a wide application for developed port environments as well as greenfield sites and provide excellent facilitation for general cargo, project freight, bulk handling, supply base and many other applications.

## OUR PRODUCTS AND SERVICES

Our innovative logistics solutions include the floating deck and the floating deck trans-shipment models.

### FD model Floating Deck

The floating deck is designed to remain in a single location with minimal movement supporting large crane or ship loader operations. It allows for 3500 to 4000 square metre decks or larger and can be modularised. The installation has a very high deck strength allowing for heavy cargo stacking and high point loads and can be entirely hydraulic allowing for very fast disconnection times.

The floating deck can be used to provide berths and be bridged to infrastructure such as a wharf or land-backed facility with a vehicular ramp that has excellent operability even in the world's largest tidal ranges.

The floating deck model is highly robust and safe and can be very quickly demobilised, making it suitable for operations in cyclone prone areas.

### FDTS model

#### Floating Deck Trans-Shipments System

Our floating deck trans-shipment model uses a moving floating deck that provides a transshipment platform for access by large vessels that otherwise could not access a site.

This model allows for cargo exchange by RORO or LORO ships and can rapidly shift multi-thousand tonne cargo shipments. The system includes shore infrastructure that can include quarantine wash-down facilities and customs licensed premises to facilitate international cargo.

Each floating deck can have the capacity to handle routine break-bulk or unitised shipments or giant pre-assembled modules weighing thousands of tonnes.

Australian Floating Decks will develop client specific solutions for individual project sites. Solutions can include landside or maritime infrastructure designs or combinations of either.