



# Babcock International Group

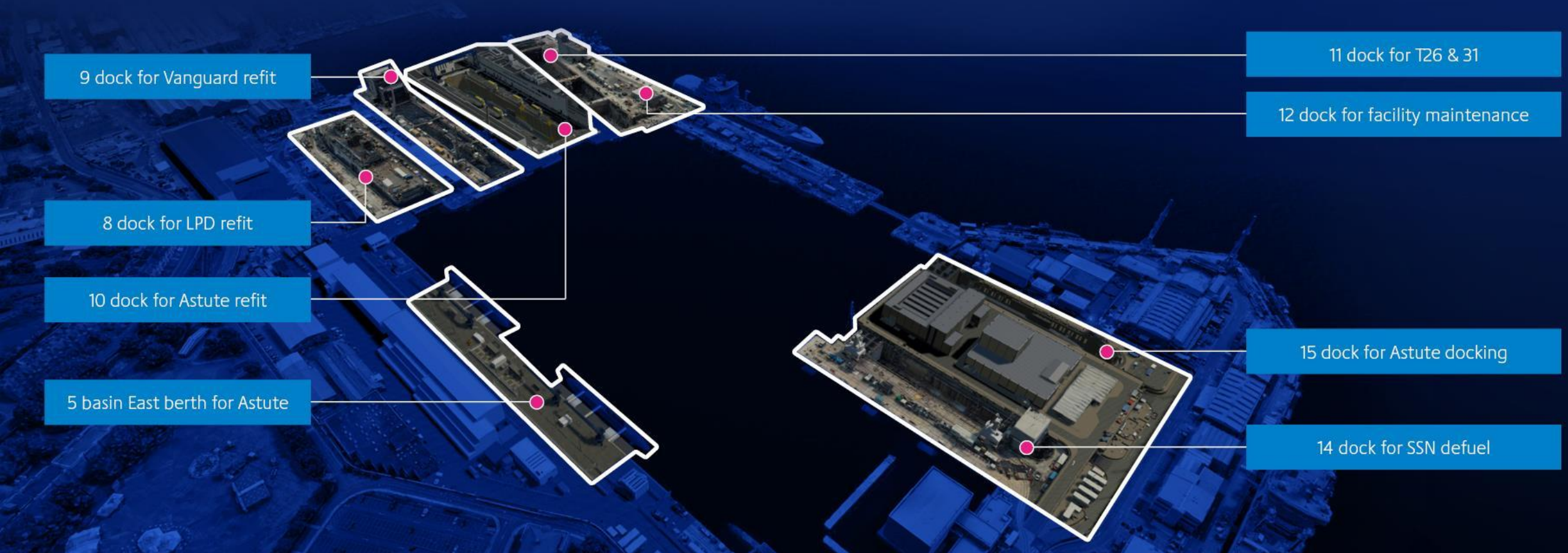
John Oliver, Major Infrastructure Projects Director

Classification: OFFICIAL





# Major Infrastructure Projects



Major Infrastructure Programme = Two specific portfolios

- › Strategic Waterfront Infrastructure Future (SWIF)
- › **Submarine Dismantling and Disposal Infrastructure (SDDI)**

# Major Infrastructure Projects in Devonport

- › **9 Dock Facility Readiness** – dock upgrades to enable Deep Maintenance on Vanguard class submarines
- › **10 Dock** – redevelopment of the facility for Astute Class Deep Maintenance capability
- › **14 Dock** – Reactor Access House commissioning and dock upgrades to enable defuel capability
- › **15 Dock** – enabling Astute Class Base Maintenance
- › **5 Basin Berth** - to enable twin stream, in-water Base Maintenance Period activities
- › **Secondary Facilities (2Fac)** - providing additional capability to the services and supporting infrastructure that will allow us to carry out Deep Maintenance on Astute class submarines

**10 Dock**

**5 Basin Berth**

**Secondary  
Facilities  
(2FAC)**

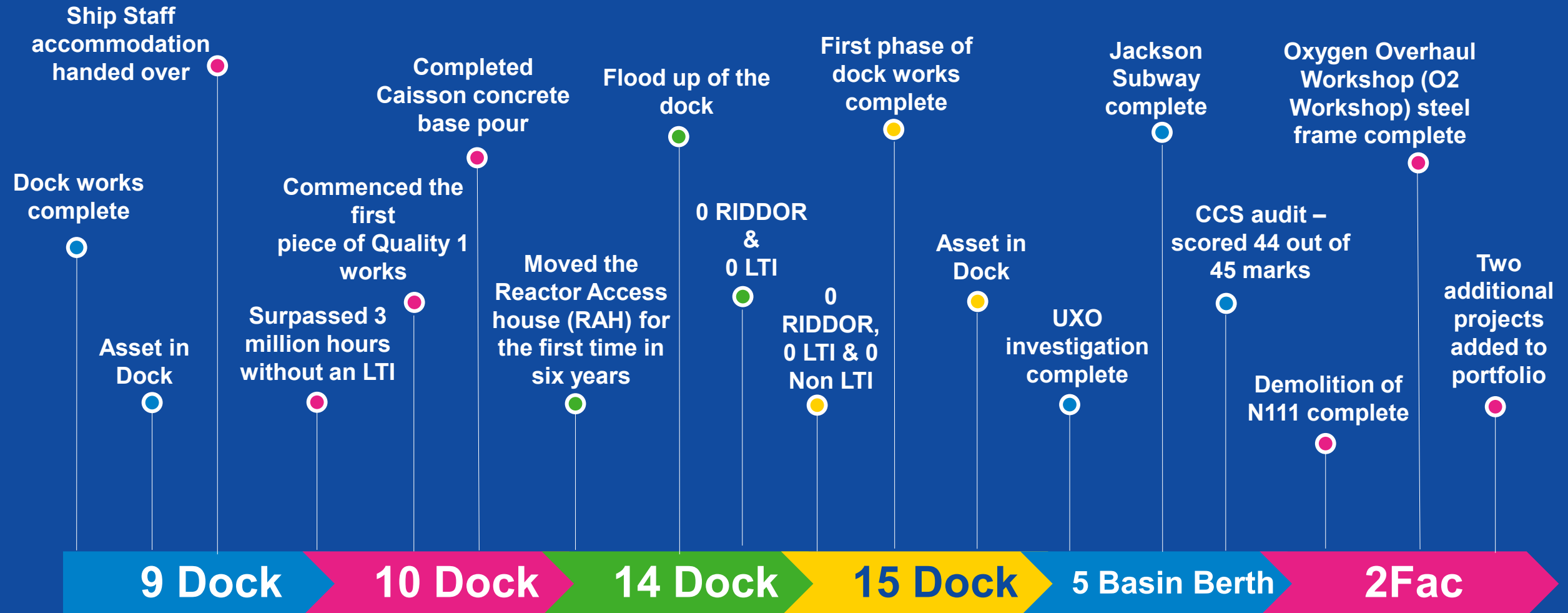
**14 Dock**

**15 Dock**

**9 Dock**



## Major Infrastructure Projects: Key achievements\*



\* A snippet of key safety and operational highlights over the past ten months



# MIP in numbers

## 9 Dock

- › Over 1.5 millions hours worked
- › Over 30,000 crane lifts
- › 2112 Concrete repairs completed to date
- › 630m Handrailing installed
- › 1000 m2 of scabbled floor area
- › 650 m of Electrical containment installed
- › 750 m of cable installed

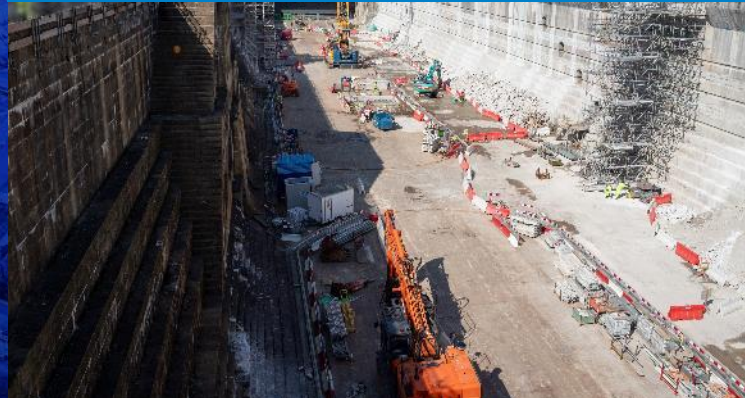


## 10 Dock

- › 3000 lifting operations per month
- › 145m of old piles extracted from building footprint
- › Over 50,000m of legacy cables removed
- › 5 industry awards

### C10

- › Tonnage of reinforcement = 198t
- › Volume of Concrete = 422m3



## 14 Dock

### Floodwall

- › 190T Class 1 concrete poured
- › 1140 dowels drilled, installed and tested
- › Over 45T of Reinforcement Cages installed

### Roadway

- › 126T Class 1 concrete poured.
- › 1386 dowels drilled, installed and tested
- › Over 20T of reinforcement cages installed





# MIP in numbers

## 15 Dock

- › 550M3 concrete poured
- › 7.5 km of cables and 300m of new pipework installed
- › 21 Cabins installed
- › 800Te of waste removed as a result of demotion and 612m2 of area generated
- › Removed 1.6 KM of redundant pipework



## 5 Basin Berth

- › 27 (69%) boreholes drilled
- › 223,388 people-hours worked (site only Jan-Nov)
- › 16,038 m3 (88%) volume of spoil excavated (Nov)
- › End commence



## Secondary Facilities

- › 18 Projects from SRC to CFCS – both
- › Over 1016 accident-free days
- › 12,552 hrs on 02 site without lost time or environmental incident
- › N111 demolition complete
- › 190 pits and manholes surveyed for network extension routing & concept design complete

