



Capability Statement

DEFENCE



DESIGN



BUILD



MAINTAIN



RECYCLE

Birdon

Founded in Port Macquarie in 1977, Birdon is a proudly Australian manufacturer and prime contractor providing agile, whole-of-life solutions to multinational defence, government, marine, energy, and resource customers.

Birdon is a privately owned Australian company with a hard-won reputation as a global designer and manufacturer of specialist vessels.

Our success is built on continued investment in people, technology and innovation across the diverse sectors that we operate within.

Birdon is delivering whole-of-life solutions across many sectors key to Australia's security and prosperity. The Department of Defence first contracted us in 1992,

and we continue to work closely with Defence and other Federal and State Government Agencies.

We have a proven history of supplying end-to-end solutions for Defence projects and exporting that capability worldwide, delivering many high-profile and high-value programs for military customers.

Birdon is a company proud of our local roots, supportive of our community, and intent on providing innovative solutions.



London

Diego Garcia BIOT

Singapore

Indonesia

Dampier

Henderson

Melbourne

Gold Coast

Port Macquarie

Sydney

Our Commitment to Australian Industry Capability

As an Australian-owned business, we are committed to maintaining and enhancing Australia's sovereign industry capability. We make critical decisions affecting our customers and stakeholders in Australia and focus heavily

on building skills and capability locally. This approach guarantees a reliable supply chain with Australian interests at the forefront, evidenced by our robust network of over 1,300 Australian supply chain partners.

Birdon is committed to being a reliable, sovereign, and trustworthy partner for the Australian Defence Force.



Bellingham

Denver

New Orleans

Portland

Mobile



Birdon

Today Birdon is manufacturing and delivering military watercraft every year to nations on the frontline of defence.

We are also delivering some of Australia's largest and most complex environmental, disposal and remediation projects, such as the recycling of ex-RAN vessels and extensive remediation works that involve expert dredging and salvage operations.

Strengthening Australian sovereign capability and supply chains is core to our vision, with manufacturing self-sufficiency critical to achieving competitiveness and ongoing innovation in a global market.

Birdon is recognised for its Australian ingenuity and enjoys international acclaim.



Authentically Australian



Whole-of-Life Solutions



Operationally Superior Vessels



Our Culture, We Make it Happen

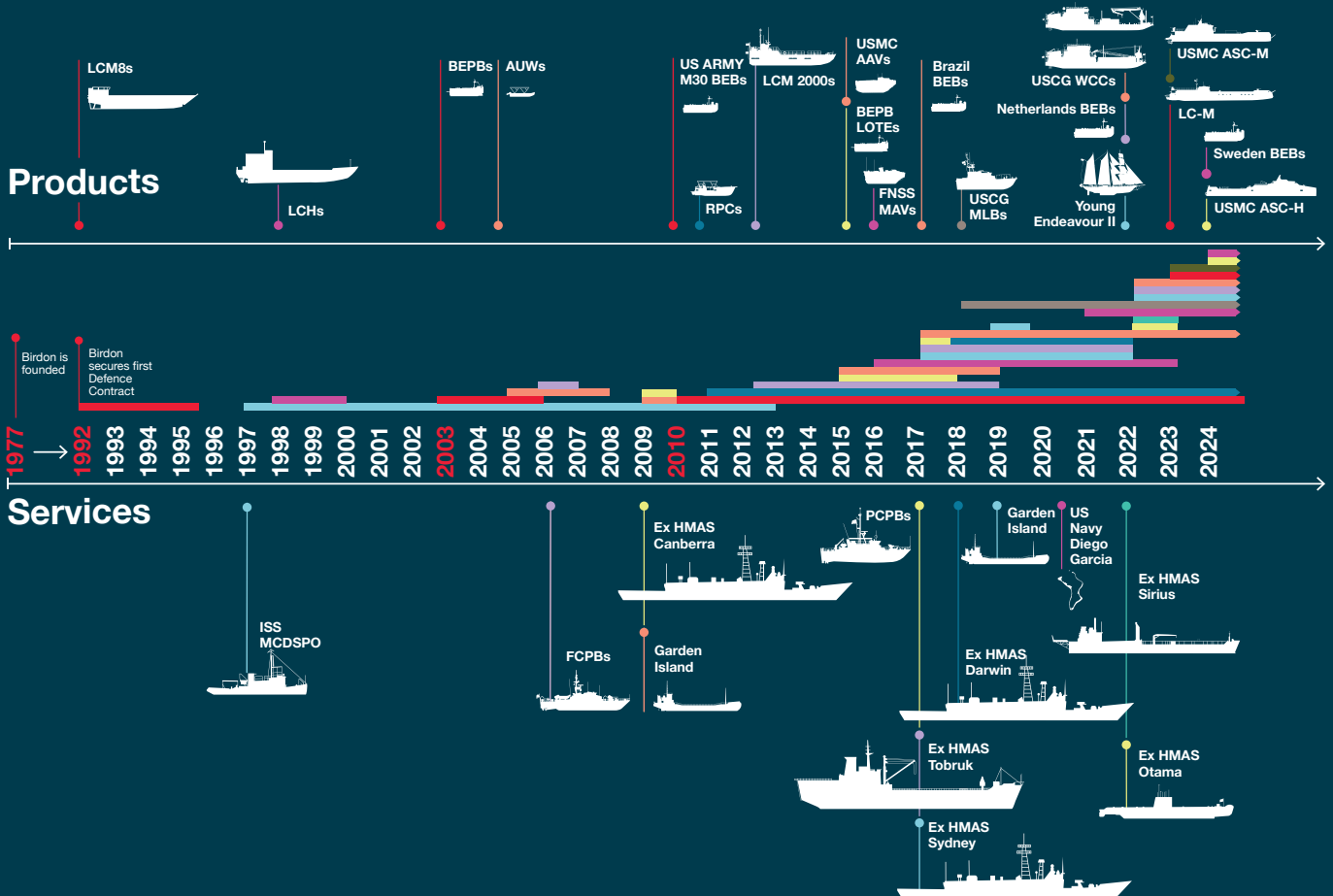


700+
employees

\$3+ billion
under contract

We have over 700 employees executing projects around the globe using our advanced 'Digital Shipyard' systems.

Birdon's current contracted work is worth approximately \$3billion (AUD).



We design, build, maintain and recycle



Design

LC-M LANDING CRAFT MEDIUM (LONG RANGE DELIVERY)

Australian Army

Birdon has been selected by the Commonwealth of Australia as the preferred designer of 18 Landing Craft Medium (LC-M) vessels for the Australian Army.

The Landing Craft Medium (LC-M) is designed to enhance the amphibious Joint Force's shore-to-shore and ship-to-shore operations, capable of transporting current and future armoured vehicles in challenging littoral and riverine environments. It boasts long-range, independent operation capabilities, with advanced features for crew habitability, endurance, and protection, optimised for operation in diverse and demanding sea conditions.

Specifications



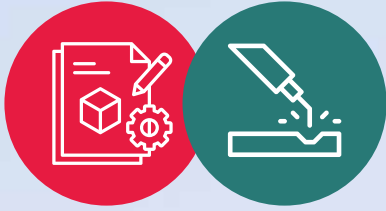
Payload:
104 ST / 94 MT



Speed:
+14 knots, SS4, Laden



Range:
2,800 nm



Design + Build BRIDGE ERECTION BOATS

Australian Army | US Army
Brazilian Army | Netherlands Army

The BEB is optimised for shallow water operations and complements the Improved Ribbon Bridge with its high-performance design, based on a proven model used by the Australian Army since 2004, and adapted to meet US Army requirements. This 24-foot aluminium workboat, powered by two diesel engines with waterjet propulsion, exceeds speeds of 28 knots, offers over 6000 lbs of bollard pull, and facilitates bridge assembly and rafting operations without specialised transport cradles.

“ I can tell you that for the past several years I have continually told people that the absolute best acquisition that the Engineer Regiment has had since I’ve been here (12 years) has been the bridge erection boat.

By every metric - cost, schedule, performance, material release, manuals, fielding, quality, ... I always hold you guys up as an example of what right looks like.

- Jim Rowan, Deputy Commandant,
US Army Engineer School

Specifications



Bollard thrust:
2.9 ST / 2.6 MT



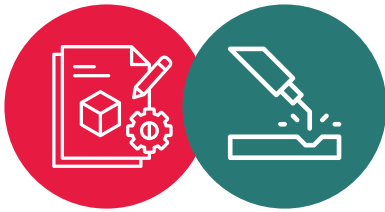
Speed:
>28 knots



Endurance:
10 hours @ 45% power



Payload:
1 ST / 0.9 MT or 10 passengers



Design + Build

ANCILLARY SURFACE CONNECTOR LANDING CRAFT - LONG RANGE HEAVY LANDING CRAFT (ASC-H)

United State Marine Corps

The ASC-H is equipped to accommodate 26 crew members and 72 troops, features a VERTREP Group 4 operations deck, drive-through capability, DP1 Capability, a 620 ft cargo fuel hose reel, forward-looking sonar, a reinforced bow for unsurveyed beach landings, a 22 ST deck crane, and a comprehensive C5I Package.

Specifications

**Payload:**

440 ST / 400 MT deck payload + 250 ST /
227 MT cargo fuel + 72 embarked troops

**Speed:**

12 knots continuous operation, fully laden

**Range:**

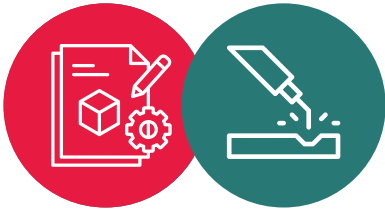
6,500 nm @ 12 knots



*Birdon America Inc.
is a mature and lean manufacturing
company focused on successful
delivery of quality products on schedule
with an exceptionally disciplined
approach to process improvements.*

- Charles Scott, Contracting Officer,
US Army





Design + Build

AMPHIBIOUS VEHICLE - LOGISTICS (AV-L)

Subject to Award

The AV-L features improved in-water manoeuvrability, enhanced speed and reverse performance, along with increased safety and stability, complemented by shock-absorbing seating and a modular payload that includes a deck crane.



Specifications



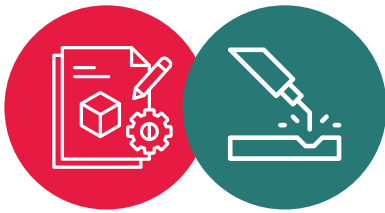
Payload:
5.2 ST / 4.7 MT



Speed on Land: 34 mph / 55 kph / **Speed on Water:** 9.5 knots



Range on Land: 500 miles / 800 km / **Range on Water:** 80 nm, SS4



Design + Build

WATERWAYS COMMERCE CUTTER PROGRAM

US Coast Guard

Birdon was awarded \$1.8B AUD contract to design and build 27 Waterways Commerce Cutters (WCC) for the US Coast Guard.

The contract is comprised of two separate but related vessel designs; the River Buoy Tender (WLR) and the Inland Construction Tender (WLIC). The vessels have large working decks with crane capacity and include C5I Packages, essential for the vessels' operations, providing command, control, computer, communication, cyber-defence, and intelligence capabilities to effectively execute missions such as aids to navigation maintenance, search and rescue, and marine security.

These vessels are essential to maintain and protect the US Intracoastal and Inland Marine Transportation System. An estimated 630 million tons of cargo is transported through this vital 12,000-mile system of commercially active inland waterways.

Specifications



Payload:

Aids to Navigation

WLR Variant: 100 buoys & 150 sinkers.

WLIC Variant: 36 piles



Speed:

12 knots continuous



Range:

1,500 nm at 12 knots





Maintain MOTOR LIFEBOAT LIFE EXTENSION PROGRAM

US Coast Guard

In 2019, Birdon was contracted for a 20-year service life extension of 107 US Coast Guard 47' Motor Lifeboats, encompassing comprehensive upgrades and logistics support, including a custom-designed Weight and Centre of Gravity Measurement Cradle, ensuring the vessels' inherent extreme operating capabilities remain intact.

“Birdon has been an exceptional partner in completing the design and implementing the repairs and modification to ensure the fleet will meet the extended service life.”

- Rear Admiral
**Chad Jacoby, USCG Director of Aquisition Programs
and Program Executive Officer**

Specifications



Payload:
16 passengers + 6 crew

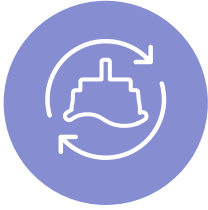


Speed:
28 knots



Range:
200 nm at 20 knots





Recycle

DISPOSAL OF EX-HMAS SIRIUS AND EX-HMAS OTAMA

Australian Defence

Deploying a highly innovative, world first, end-of-life asset management solution, Birdon successfully addressed a challenge never before resolved in Australia; an environmentally controlled disposal of the largest maritime structure in Australia, ex-naval refuelling ship, the HMAS Sirius.

“Birdon’s commitment to continually innovate, drive outcomes, and first and foremost conduct the activity safely and with respect and dignity of all parties is a feature of the approach that Birdon continues to take on all disposal programs that I have had involvement with.”

CDRE Brad Smith
Director General Major
Surface Ships
Maritime Sustainment Division
Naval Shipbuilding and Sustainment Group

Birdon efficiently decommissioned the 10,000 tonne Ex-HMAS Sirius, in a challenging environment while maximising safety, efficiency, and environmental responsibility, recovering and recycling 99.13% of materials.

The Asset Management Council of Australasia awarded Birdon with their 2024 Asset Management Sustainability Award for the ex HMAS Sirius Deconstruction & Recycling Project.



Ex-HMAS Otama, an Oberon Class cold war submarine, was semi-submerged in an environmentally sensitive area of Edithvale-Seaford Wetlands, a Ramsar listed wetland of international importance under the Convention on Wetlands (Ramsar, Iran 1971).

Birdon’s work required development of a detailed process involving salvage, relocation, removal from the water, detailed management and removal of all marine growth, hazardous materials, and heritage items, and the deconstruction and recycling of a complex material mix and structural shape. It demonstrates Birdon’s ability to perform complex material removal, deconstruction, material separation, and recycling.



birdon

make it happen

AUSTRALIA | USA | UK | EUROPE | ASIA

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