

# NEW US DEFENSE CONTRACT EXPANDS AML3D ALLOY TESTING PROGRAM

## HIGHLIGHTS

- **US Department of Defence explores broader suite of applications for AML3D's technology with new Copper Nickel alloy testing contract.**
- **A successful Copper-Nickel alloy testing program has the potential to expand the range parts AML3D can produce for the US Navy's submarine program.**
- **The new contract runs in parallel with the Nickel-Aluminium-Bronze alloy testing program that was extended following positive results.**
- **AML3D has an agreed total of A\$5.1 million of US Defence contracts to date in CY23, including A\$4.0 million of BlueForge Alliance sales.**

AML3D Limited (ASX:AL3) ("**AML3D**" or "**the Company**") is pleased to announce a new alloy characterisation and testing contract to support the US Navy's submarine program. The contract will see AML3D commence the development and testing of 3D printed Copper-Nickel (CuNi) components. The contract has been signed with BlueForge Alliance, a nonprofit, neutral integrator, supporting the strengthening and sustainment of the US Navy's Submarine Industrial Base through technology adoption and acceleration.

The circa A\$0.35 million, (US\$0.23 million), CuNi alloy testing contract will be run in parallel with the, recently extended, Nickel-Aluminum-Bronze (NAB) alloy characterization, corrosion, and strength testing program<sup>1</sup> for the US Department of Defence.

The success of AML3D's US scale up strategy to date, in CY2023, has resulted in new sales conveyed through BlueForge Alliance of approximately A\$4.0 million, (US\$2.90 million). This comprises circa A\$1 million (US\$0.70 million) of ARCEMY system sales<sup>2</sup> and circa A\$3.0 million (US\$2.2 million) of Contract Manufacturing and Testing sales<sup>3,4,5,6</sup>. AML3D's US scale up strategy, has also resulted in additional sales through the company's Value-Added Reseller, Phillips Corp<sup>7</sup>, bringing total US Defence sales to date in CY2023 to circa A\$5.1 million (US\$3.7 million). The Company remains confident additional

<sup>1</sup> AML3D Limited, US Defence extends testing contract with AML3D, 14 August 2023

<sup>2</sup> AML3D Limited, AML3D Enters US Defence Industry with ARCEMY Sale, 01 February 2023

<sup>3</sup> AML3D Limited, US Defense contract to expand AML3D alloy testing program, 23 August 2023

<sup>4</sup> AML3D Limited, AML3D Receives \$2M Order from US Navy for Submarine Parts, 16 August 2023

<sup>5</sup> AML3D Limited US Defence extends testing contract with AML3D, 14 August 2023

<sup>6</sup> AML3D Limited, AML3D Expands Presence in US Defence with Testing Contract, 21 March 2023

<sup>7</sup> AML3D Limited, Arcemy Ordered for the US Navy's Center of Excellence, 20 July 2023

contracts will be executed during the balance of 2023, further expanding AML3D's ongoing sales to the US defence sector.

A successful conclusion to this CuNi alloy testing program has the potential to expand the range of US Defence sector materials and applications that AML3D's ARCEMY metal 3D printing systems can be used for. This contract will commence immediately and is expected to run for a period of 14-16 weeks with alloy characterisation and testing carried out at AML3D's facility in Adelaide, South Australia.

This new contract demonstrates the increasing momentum in expanding the range of AML3D metal 3D printed alloys that meet the US Navy's qualification standard. This aligns with the Company's plans to become a point of need, additive manufacturing technology solution to address supply chain constraints within the US Navy's submarine program. The US is the largest Additive Manufacturing market in the world and AML3D's most important growth market.

AML3D Interim CEO Sean Ebert said:

*"It is exciting to see this acceleration of further alloy testing and validation of AML3D's ARCEMY metal 3D Printing technology within the US Defence sector. The Cu-Ni contract has the potential to cast a far wider net over parts that can be made for the US Navy using our technology. The positive implications for expanding our scope to Cu-Ni alloy parts is significant - a point highlighted with our recent \$2.0m order for Nickel-Aluminium-Bronze parts coming not long after a successful testing program."*

*This new validation program is further evidence of AML3D developing a long-term, strategic partnership with key stakeholders within the US Navy's submarine program. AML3D's continuing success in the US is expected to continue to create additional opportunities in that market over and above the A\$5.1 million of sales already achieved so far this year. It is also expected to provide a template for accessing the Defence markets of AUKUS Alliance partners Australia and the UK over the medium to longer term."*

This announcement has been authorised for release by the Board of AML3D.

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**About AML3D Limited**

AML3D Limited, a publicly listed technology company founded in 2014, is disrupting metal part supply chains using the Company's patented Wire Additive Manufacturing (WAM®) process. WAM® combines state-of-the-art welding science, robotics automation, materials engineering and proprietary software to lead metal additive manufacturing globally. AML3D is the OEM of the ARCEMY® industrial metal 3D printing systems. ARCEMY® uses WAM® to provide advanced, automated, on-demand, point-of-need 3D manufacturing solutions that are more efficient, cost-effective and have better ESG outcomes compared to traditional casting, forging and billet machining processes. ARCEMY® is IIoT and Industry 4.0 enabled to allow manufacturers across Aerospace, Defence, Maritime, Manufacturing, Mining and Oil & Gas to become globally competitive. AML3D also provides metal 3D printing design engineering services, software licencing, technical support, consumable sales and contract manufacturing services.