ASX Release
19 March 2021

ASX CODE: AL3

CAPITAL STRUCTURE

Share Price	$0.35
Shares on Issue	149m
Market Capitalisation	$52.5m

(as at 18/03/21)

MAJOR SHAREHOLDERS

Andrew Sales	26.5%
Perennial Value Mgmt	10.1%

BOARD & MANAGEMENT

Stephen Gerlach AM
Non-Executive Chairman

Andrew Sales
Managing Director

Sean Ebert
Executive Director

Kevin Reid
Non-Executive Director

Len Piro
Non-Executive Director

Christine Manuel
Company Secretary

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AML3D MARITIME PRODUCT RECEIVES VERIFICATION FROM KEY INDUSTRY BODY

HIGHLIGHTS

- **AML3D and Austal Australia receives a formal verification statement for a maritime product from DNV, an independent expert in risk management and quality assurance.**
- **Accreditation shows that AML3D's 'WAM®' process meets requirements for naval and commercial vessels and provides a pathway for a large range of components to be made using this technology.**

AML3D (ASX: AL3, 'the Company') is pleased to advise that maritime parts developed in conjunction with Austal Australia (ASX: ASB) have received formal verification from DNV, an independent expert in risk management and quality assurance. AML3D produced an aluminium personnel recovery davit (crane), intended for naval applications with its proprietary 'WAM®' additive manufacturing technology, on behalf of Austal.

As part of the qualification process, a three metre long personnel recovery davit was designed and produced to meet international and naval specifications. The assembly was then function tested to more than twice its design working load. Following the successful load test, non-destructive and destructive testing, the results were reviewed by all parties before the final verification statement was issued.

The printed material (davit) was subjected to extensive testing by the John de Laeter Centre and the Curtin Corrosion Centre at Curtin University. Researchers utilised advanced microanalysis instrumentation to generate high quality microstructural information and images. In addition, the mechanical and corrosion characteristics were assessed and compared against established marine grade metals.

From Left: Austal Technology Project Manager, Jeffrey Poon, DNV Representative Jude Stanislaus, AML3D Chief Executive Officer Andy Sales with a sample of the davit produced during the additive manufacturing project. (image: Austal Australia)

The davit produced through additive manufacturing was comprehensively function tested to twice its design load, by Austal (image: Austal Australia)

AML3D Chief Executive Officer, Andy Sales said,

> "*We're proud to have been able to partner with Austal and demonstrate the advantages of our proprietary Wire Additive Manufacturing (WAM®) capabilities in the creation of the Davit Arm. Additionally, we are equally as excited to see this WAM® printed component receive an official verification statement by DNV. This now offers averification pathway for a much wider range of components that can now follow a similar validation process.*
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> *This is a fantastic achievment by the AML3D team, Austal and our other partners in this project. Working with Austal's vision for implementing Additive manufacturing has been a further endorsement for our own business model and we're excited for the future.*"

Austal Chief Digital Officer, Andrew Malcolm said the successful collaboration with AML3D and Curtin University on the additive manufacturing project highlighted the many opportunities to pursue emerging technologies with Australian industry.

> *"Austal Australia has been working with AML3D since 2019 on the development of hybrid manufacturing approaches that put robotics side by side with our highly skilled tradesmen and women to fabricate large complex structures," Mr Malcolm said.*
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> *"Wire Arc Additive Manufacturing, or WAAM, has the potential to enable a productivity step change in shipbuilding, able to 3D print marine grade metal structures at a scale well beyond other commercially available metal 3D printing technologies.*
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> *"This DNV verification statement for the AM-produced personnel recovery davit shows that these additive manufacturing processes can meet our specification(s), which have been developed to fulfill the requirements to fit components to naval vessels, and we are certainly encouraged by the verification to pursue future opportunities"* Mr Malcolm added.

AML3D sees this initial, succesful collaboration with Austal as a conduit to utilise their WAM® technology across a wide range of marine applications. Interest in the additive manufacturing space has grown strongly in the sector due to inherently low production runs and the specialised nature of many marine parts.

It is expected that additional 'proof of concept' and accredition processes will be completed with the wider industry during CY2021 that have the potential to result in a significant order pipeline for AML3D.

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

For further information, please contact:

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About AML3D Limited

AML3D (ASX:AL3) is an Australian public company redefining the standards of productivity. Incorporated in 2014, AML3D utilises 3D printing to solve complex challenges with metallurgy, patent pending WAM® process, proprietary software WAMSoft®, creating certified, industrial products more sustainably. AML3D provides additive manufacturing on-demand services in contract manufacturing centres. It is the original equipment manufacturer of Arcemy®, metal 3D printers that utilise local materials to manufacture high-performance products closer to the location of use.