# Aurora LABS



**ASX ANNOUNCEMENT** 

7 December 2017

# Aurora advances the certification of its 3D-printed parts

Aurora Labs Limited ("Aurora" or "the Company") (ASX:A3D), is pleased to announce the signing of a non-binding term sheet with DNV GL, a leading global quality assurance and risk management company, providing classification, technical assurance, software and independent expert advisory services to the maritime, oil & gas, power and renewables industries.

This is an extremely significant step for Aurora as it sets a framework for the Company to work with DNV GL having the goal of producing 3D-printed parts created on Aurora machines to be independently certified as fit for their intended purpose and meeting global certification requirements.

The non-binding term sheet proposes to:

- Create a process whereby parts printed by Aurora machines can be independently certified by DNV GL
- That the end to end certification process, including the use of Aurora's management software, allows for parts to be certified whilst being printed and then independently verified by DNV GL
- 3. Develop a certification standard for Aurora

For a part and a process to be independently certified as fit for purpose, there are a number of flow on areas that will also need to be independently certified. Including but not limited to: powder testing for all critical performance criteria, e.g. morphology, chemistry, etc., the 3D printer, printer operators, the installation environment, and the process for design validation.

The independent certification of Aurora's 3D-printed parts should facilitate the take-up of its 3D-printers in oil and gas and marine markets as currently printed parts cannot be used in these areas without certification.

## **David Budge, Managing Director and Interim Chairman, stated:**

"This partnership is a substantial achievement for Aurora as it will ultimately allow for certification of our 3D-printed parts as fit for their intended purpose. This is particularly important as many industries such as oil and gas and marine require certification of parts in order to be able to utilise them in their facilities. DNV GL will support us in helping establish certification covering the whole value chain, from powders to parts, certifying the technical performance of our technology, and independently endorsing our processes and products. The independent certification will provide us with enhanced credibility when speaking to potential customers and will be a big step forward in recognition of the technology we have developed."

## Brice Le Gallo, Regional Manager for SEA & Australia, DNV GL – Oil & Gas, stated:

"While Additive Manufacturing (AM) is raising more and more interest in various industries, the adoption level in the oil and gas and maritime industries is still slow due to challenges in qualification and certification. We are pleased to partner with Aurora and believe that our collaboration will help advance the use of AM for the oil and gas and marine industries."

www.auroralabs3d.com

#### **ABOUT DNV GL**

DNV GL is a quality assurance and risk management company providing certification and independent expert advisory services to the oil and gas, power and maritime industries. Driven by our purpose of safeguarding life, property and the environment, DNV GL enables organizations to advance the safety and sustainability of their business.

As a technology-based company, DNV GL continuously invests in research and collaborative innovation, empowering customers' decisions and actions with trust and confidence. With origins stretching back to 1864, DNV GL's reach today is global, with operations in more than 100 countries.

DNV GL is the technical advisor to the oil and gas industry. We bring a broader view to complex business and technology risks in global and local markets. Providing a neutral ground for industry cooperation, we create and share knowledge with our customers, setting standards for technology development and implementation. From project initiation to decommissioning, our independent experts enable companies to make the right choices for a safer, smarter and greener future.

#### FORWARD LOOKING STATEMENTS

This announcement contains forward-looking statements which incorporate an element of uncertainty or risk, such as 'intends', 'may', 'could', 'believes', 'estimates', 'targets' or 'expects'. These statements are based on an evaluation of current economic and operating conditions, as well as assumptions regarding future events. These events are, as at the date of this announcement, expected to take place, but there cannot be any guarantee that such events will occur as anticipated or at all given that many of the events are outside Aurora's control.

Accordingly, Aurora and the directors cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur.

#### For further information please contact:

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# **ABOUT AURORA LABS**

Aurora Labs Limited ("the Company") (<u>ASX:A3D</u>), an industrial technology and innovation company that specialises in the development of 3D metal printers, powders, digital parts and their associated intellectual property.

Aurora Labs is listed on the Australian Securities Exchange (ASX:A3D).

To learn more about Aurora Labs please visit: <a href="www.auroralabs3d.com">www.auroralabs3d.com</a>