ASX Announcement

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Successful Completion of Print Demonstration Campaign

Highlights:

- Aurora's last print of its Print Demonstration campaign has successfully been completed.
- Physical specimen testing to commence soon, with the first samples having arrived in the US.
- The Print Campaign will aid Aurora's commercialisation activities as well as it's ramp up of print services to local industry.

Aurora Labs Limited ("A3D" or "the Company") (ASX:A3D), is pleased to announce the completion of printing for its Print Demonstration Campaign, which commenced in March this year.

The campaign is supported by The Barnes Global Advisors (TBGA) and aims to demonstrate A3D's technology as capable of repeatedly producing material to draft SAE international aerospace standards AMS7003[1], AMS7032[2], AMS7036[3] and AMS 7039[4].

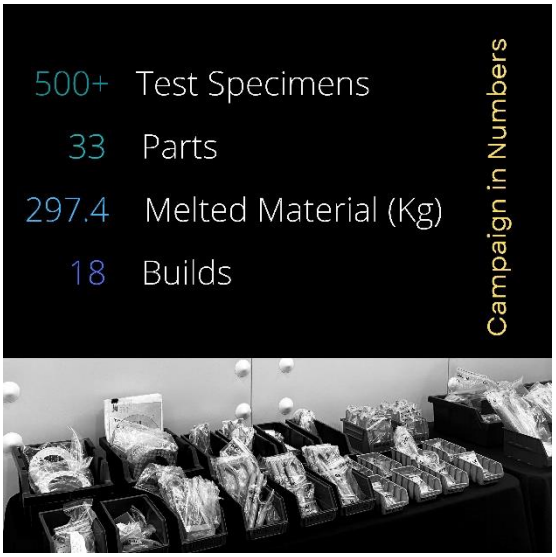
A3D will be one of the first additive equipment companies compliant to print metal parts to the aerospace 3D printing standards once they are approved. Globally, A3D will be the first to achieve this status at 1500W laser power. Completion of the printing component of the campaign means that testing of samples can commence with the results to be assessed according to the relevant certification standards.

Campaign Activities

The Print Demonstration Campaign focused on key performance variables (KPV's) that the Laser Powder Bed Fusion (L-PBF) printing process requires for optimal printing conditions. There are over 25 major KPV's in L-PBF systems, which all must work in tandem to accurately melt material at the powder bed in a repeatable printing process.

Aurora's system monitors a vast array of KPV's to determine system variability and stability. Control of these KPV's is vital to ensure that as the metal powder is melted, an optimal melt pool is generated which in turn goes through its material phase change, solidifying with the required material properties.

Through the campaign A3D has completed and fully documented a comprehensive set of calibration activities for the systems and devices that measure the KPVs and have detailed operational logs of the KPVs for each completed print.



Campaign Next Steps

After completing the printing component of the campaign Aurora will undertake the following activities:

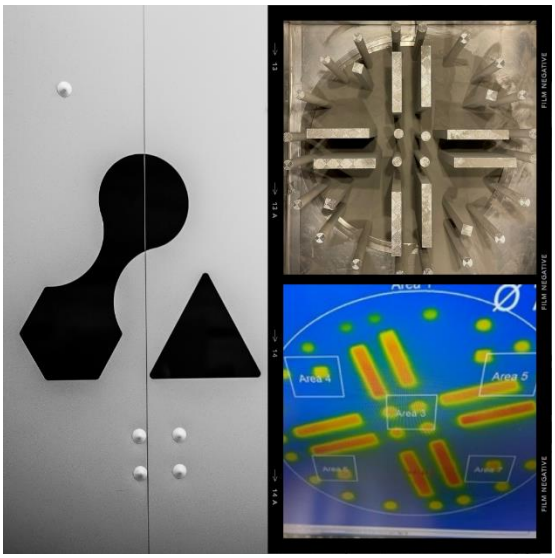
Testing of samples

Printed samples will be sent to the US where they will be analysed, heat treated and undergo various mechanical tests. Heat treatment shall be performed according to AMS7036.

Statistical Analysis

The extensive logging data collected from the printer throughout the campaign will be analysed, with the findings being valuable for the refinement of system operating and maintenance procedures and for demonstrating system reliability and consistent printer performance. This will be useful both in the design for manufacture process as well as being referenced in partnership discussions.

It is expected that the results of the sample testing and the statistical analysis of the printer logging data will be finalised in Q4 CY22.



General Business Update

Concurrent with campaign close out activities, Aurora will continue its commercialisation partnership discussions and aim to ramp up its printing services. Aurora is also in the early planning stages to tour a prospective manufacturing partner's facility which is expected to occur in Q4 2022.

Print service activities are expected to ramp up now that Aurora's prototype machine and operational staff are available, with a growing pipeline of work having been developed during the campaign. In addition, it is expected that material parameters will be developed to broaden the range of materials that can be offered to the local market. Aurora looks forward to updating the market on its progress in these areas whilst it closes out the printing campaign.

CEO Peter Snowsill commented on the campaign:

"I am extremely happy to announce the completion of the printing component of our demonstration campaign. It has been a valuable and challenging process that has carried us forward on our continuous improvement journey. The resilience shown by our team and lessons learned bode well for Aurora's future, as we demonstrate the value and reliability of our AM system to the wider market."

Ends
Approved for release by the Company's Board of Directors.
For further information, please contact: Peter Snowsill, Chief Executive Officer
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ABOUT AURORA LABS

Aurora Labs Limited ("the Company"), 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)

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: enquiries@auroralabs3D.com