16/09/21

ASX Announcement (AMX)

USA 3D Modelling Market Update

- **San Francisco Bay 5cm and 2cm 3D models produced and delivered to Google (initial customer)**
- **3D Store operational in US**
- **Manhattan capture underway**
- **US Advisory Board to be launched in H1 FY22**
- **Major engineering firm now working with Aerometrex**
- **Sales discussions progressing for current 3D models and projects covering other US cities**

Aerometrex Limited (ASX: AMX) is pleased to provide the market with an update on US operations. The Company is focussing on the provision of 3D modelling services in this expansive and geographically diverse market. The size of the American economy is 15 times that of Australia[1] and provides great potential to expand Aerometrex's world-leading 3D modelling and mapping service internationally.

Aerometrex's 3D modelling services provide a virtual digital 3D model or map of a particular area of interest. These virtual models provide a digital 3D map of 2cm pixel resolution and are used by a wide variety of businesses including internet media, real estate, property development, engineering and construction, transport systems, virtual reality and augmented reality systems, security and event management.   They can be used as a replacement for ground-surveyed measurement by engineers and town planners, allowing much faster and cheaper development of major projects. 3D also allows easier and more intuitive communication and presentation of projects to all stakeholders than is possible with 2D renderings. The models provide a safer, more cost-effective and more comprehensive alternative to traditional ground surveying. The technology is known by several names including Reality Mesh Modelling, Digital Twins and 3D Photogrammetry.

San Francisco Bay Capture Area Complete

Aerometrex has completed capturing the San Francisco Bay area at 5cm and 2cm pixel resolution providing excellent fidelity at street level. The 5cm coverage area is 19.1 km^2 (4,720 acres) and the 2cm coverage is targeted at the downtown and tourist precinct areas covering approximately 5 km^2 (1,235 acres). Data has been delivered to its initial customer Google Inc.

Aerometrex remains the owner of the dataset and is selling access to the data under licence. With a strong potential customer pipeline that has until now not had access to visual data at this level of resolution, further sales of the dataset are envisaged in the near future.

A preview video of the San Francisco Bay 3D model is here.

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[1] https://datacatalog.worldbank.org/dataset/gdp-ranking

3D Store operational in the USA

Aerometrex's 3D store is now fully operational in the USA and datasets are being posted on completion of processing and generation of final delivery products. A key part of the Company's growing DaaS business model, the 3D store allows a wide variety of users in the United States to familiarise and purchase 3D data directly through the site.

Manhattan Capture underway

Aerometrex currently has photographers capturing imagery over New York to produce a 3D model of Manhattan Island, one of the highest value real estate territories in the USA. Imagery is being captured under overcast cloud where possible to eliminate shadows and provide the highest-possible quality imagery. The 3D models will provide unprecedented resolution and accuracy to this market. Aerometrex will own the imagery and 3D models and will sell data licences to customers. Target markets include real estate sales, property development, asset management, transport and insurance.

Major engineering firm now working with Aerometrex 3D models

Following on from a long and positive relationship with US-based engineering giant WSP in Australia, WSP is now working with Aerometrex 3D modelled data in the USA, to underpin its own engineering projects and to act as a sales channel to the wider US market. Initial activity has focussed on flying and delivering 3D models of parts of the city of Los Angeles in preparation for the 2028 Summer Olympic Games.
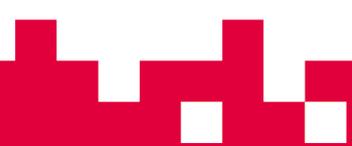
US Strategy update

As noted at the time of the FY21 financial results, commercialising US 3D opportunities is a key priority for Aerometrex during FY22. The Company is making progress on establishing its US Advisory Board, which will provide necessary experience, contacts and guidance as it penetrates this market. The initiative is progressing as planned and the Company expects to launch the Advisory Board during the first half of FY22.

Aerometrex is focused on commercialising its initial US 3D datasets, where it expects to generate repeat sales. 3D datasets are expected to deliver value far in excess of 2D imagery given the technical applications made possible. The Company is currently in discussions with potential customers relating to the sale of its current datasets and programs that involve producing 3D models of other US cities.

This release is approved by the Board of Directors of Aerometrex Limited.

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ADDITIONAL INFORMATION

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ABOUT AEROMETREX

Aerometrex Limited is a professional geospatial technology business specialising in aerial imagery subscription services, photogrammetry, LiDAR, 3D modelling and data analytics.

The company listed on the ASX in December 2019 to raise capital to fund its growth. The company has a clear strategy to provide value to its shareholders by providing high-quality, accurate aerial imagery and LiDAR products to a growing client base.

AMX has strong Board and Executive teams, with a combined staff experience in the industry of 930 years total.