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## CMMB VISION HOLDINGS LIMITED 中國移動多媒體廣播控股有限公司

(incorporated in the Cayman Islands with limited liability)
(Stock code: 471)

## Announcement

## Inauguration New-Generation Connected-Car Satellite Multimedia Trial Network in China

## **Summary:**

- The new-generation satellite connected-car multimedia trial network has been inaugurated in China recently. The network is premised on Company's AsiaStar L-band satellite network converging with ground 4G which can provide seamless media entertainment and data services to vehicles throughout China.
- The trial is organized by Telematics Industry Applications Alliance (TIAA), with Company as the key sponsor together with dozens of OEM automakers, connected-car terminal device makers, component manufacturers, and network providers as well as multiple government authorities.
- A ceremony was held in Baoding, Hebei under the support and supervision of State Administration of Press and Publication, Radio, Film, and Television (SAPPRFT), Ministry of Industry and Information Technology (MIIT), State Administration for Science, Technology and Industry for National Defense (SASTIND), local governments, industries, and TIAA.

- The scale and scope of the trial network is unprecedented and nationwide. Company with industry partners will provide about 500 concept-cars fully installed with Company's satellite multimedia solution M-Box to engage in comprehensive road-test in 8 different regions including Beijing, Chongqing, Changchun, Wuhan, Boding, Daqing, Danyang, and Sichuan-Tibet Corridor.
- The trial is an important milestone for the Company, signifying its technology and applications are entering the final phase of field test ready to become the standard for connected-car industry to be adopted in large scale, thereby allowing Company to steadily move toward commercial deployment.
- Company expects that after successful completion of the trial, it will be able to enter into formal business arrangement with multiple auto and auto electronic makers to quickly adopt and distribute the satellite multimedia products and applications to all future cars in China. The same products and applications can also be extended to One-Belt-One-road markets, which will be supported by the same satellite platform of the Company.
- The trial demonstrated the extensive support, recognition, and participation from government authorities, auto and auto electronic industries, as well as ample enterprises. It validates Company's development effort and its coordination with government's long-term strategic development such as the "13.5 National Plans" and "One-Belt-One-Road" Initiatives. At the same time, it also illustrates China's cutting-edge technology development in connected-car multimedia ahead of the world.
- Participants of the trial include: TIAA, Global Vision, China Telecom, China Unicom, China Mobile, Datang Telecom, Electronic Science and Technology, FAW Automobile, Changan Automobile, Dongfeng Motor, Great Wall Motor, Beiqi Futian, Ya Xun Network, Huayang GM, Desai Siwei, South six-star, Fukuda Intellectual Logistics, Danyang Radio and Television, a letter in Jiangsu, Changchun City Logistics Association, Chongqing Free Trade Zone, Daqing Petroleum Administration and dozens of auto OEMs, component manufacturers, terminal device makers, network operators, and local authorities.
- Smart-driving and multimedia consumption are two main functions of new-generation vehicles which will require mass amount of in-car data delivery. China is world's largest vehicle markets and is expected to reach 400 million cars in 10 years. To accommodate such demand for data-centric entertainment and data download by vehicles anytime anywhere throughout China, the current cellular mobile network is far from adequate. Company's unique satellite network can provide the most commercially scalable and efficient way to support such services.

Under the guidance and support of State Administration of Press and Publication, Radio, Film, and Television (SAPPRFT), Ministry of Industry and Information Technology (MIIT), State Administration for Science, Technology and Industry for National Defense (SASTIND), and together with representatives from government, industries, and the Telematics Industry Application Alliance (TIAA), an inauguration ceremony of the New-Generation Connected-Car Satellite Mobile Multimedia Services Comprehensive Trial Network was recently held in Baoding, Hebei, China.

General Manager Ding Wenwu of National Integrated Circuit Industry Development Fund Co., Ltd., and Chief Engineer Wang Lian of China International Radio unveiled the ceremony. Other VIP guests included: Director of Hebei Province Industry Technology and Information Bureau Gongxiao, Deputy Inspector Wang Jianfen, CPC Baoding Municipal Standing Committee Member and Deputy Mayor Liu Hang, MIIT Electronic Information and Software Services Bureau Director Wang Shao Peng, MIIT Wireless Bureau Director Wang Aiju, National Defense Technology Industry Bureau Chief Analyst Zhang Rusheng, National Standardization Bureau Director Chief Yuan Xiaopeng, Party Secretary of Great Wall Motor Corporation and Deputy General Manager Zhang Wenhui, and TIAA Chairman and Qiming Technology General Manager Wu Jianhui.

China's auto industry is developing in a rapid pace. Car ownerships in 2016 have reached 194 million as the world's number-one. With today's intelligent network, car is fast being transformed into a large smartphone on wheels and a digital space for info-entertainment and smart-living instead of being merely a vehicle for transport, and this will offer tremendous new opportunities to the auto, electronics, and media industries. This evolution posts as an opportunity and a challenge to the conventional broadcasters and media providers, for they must innovate relentlessly to keep up with the pace of connected-smart car revolution.

During the ceremony, Chief Engineer of China Radio International Wang Lian introduced the new-generation satellite mobile multimedia network NGB-W/S and its connected-car applications. NGB-W/S is a new-generation network architecture that integrates satellite-based mobile multimedia broadcasting with terrestrial mobile Internet to become a converged delivery platform while harnessing the low-cost delivery and ubiquitous coverage of satellite as well as two-way interactivity and big-data collection of mobile Internet. As a result, countless national and local broadcast channels and multimedia programming can now be aggregated to a Media Cloud — the Central Kitchen - to be generate as different information services and products to be distributed via this "Internet+" satellite network to hundreds of millions of cars and hence mobile devices in a timely and seamless manner.

The launch of the trial also signified an important milestone of fulfilling the mandate of satellite mobile multimedia broadcasting development under the National Civil Space Infrastructure Development Plan (2015-2025). Adhering to the Plan, through the joint efforts of the NGB-W/S Working Group, TIAA, as well as dozens of industry partners, substantial breakthroughs have been achieved in the areas of network protocol standardization, key technologies verification, service-capacity testing, in-car terminal access standardization (i.e., the M -BOX), and device prototype development, which together have laid a robust foundation for the current trial. With successful launch, the trial will accelerate the full formation of an ecosystem supporting the NGB-W network and commercialization of its products and services.

As remarked by leading figure from the SASTIND during the ceremony, the NGB-W/S network is a groundbreaking platform. It seamlessly unifies and integrates celestial and terrestrial multimedia for the first time presenting historic opportunities. Therefore, enterprises should embrace them with three thrives. First, to lead the smart connected-car transformation with innovative technology standard, auto chipsets, in-car smart terminals, and L-band satellite broadcasting infrastructure so as to propel China's satellite mobile multimedia industry to the forefront of the global stage. Second, to closely collaborate with regional countries along the One-Belt-One-Road in the development of space infrastructure so as to extend our services to the 4.4 billion people in the regions. Three, to adhere to the development principles of National Civil Space Infrastructure Development Plan (2015-2025) of advancing industry with new technology standard, upgrading service with industry innovation, and facilitating industry development with capital support, so that a robust new-generation satellite mobile multimedia industry that is pioneering, collaborative, green, and vigorous can be steadily established.

The trial is organized under TIAA with Global Vision as the key sponsor and participant, together with China Telecom, China Unicom, China Mobile, Datang Telecom, Electronic Science and Technology, FAW Automobile, Changan Automobile, Dongfeng Motor, Great Wall Motor, Beiqi Futian, Ya Xun Network, Huayang GM, Desai Siwei, South six-star, Fukuda Intellectual Logistics, Danyang Radio and Television, a letter in Jiangsu, Changchun City Logistics Association, Chongqing Free Trade Zone, Daqing Petroleum Administration and dozens of auto

OEMs, component manufacturers, terminal device makers, network operators, and local authorities. The initial trial cities include: Beijing, Chongqing, Changchun, Wuhan, Baoding, Daqing, Danyang, Sichuan-Tibet pathway.

By order of the Board

CMMB Vision Holdings Limited

Wong Chau Chi

Chairman

Hong Kong, 27 June 2017

As at the date of this announcement, the Board comprises two executive Directors, namely Mr. WONG Chau Chi and Dr. LIU Hui; two non-executive Directors, namely Mr. CHOU Tsan-Hsiung and Mr. YANG Yi; and three independent non-executive Directors, namely Mr. WANG Wei-Lin, Mr. LI Shan and Dr. LI Jun.