西安海天天實業股份有限公司
XI'AN HAITIANTIAN HOLDINGS CO., LTD.*

(formerly known as 西安海天天綫控股股份有限公司 (Xi'an Haitian Antenna Holdings Co., Ltd.))*

(a joint stock limited company incorporated in the People's Republic of China with limited liability)

(Stock Code: 8227)

INSIDE INFORMATION - DIELECTRIC LENS MULTIBEAM ANTENNA

This announcement is made by Xi'an Haitiantian Holdings Co., Ltd.* (the "**Company**") pursuant to Inside Information Provisions under Part XIVA of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and Rule 17.10 of the Rules Governing the Listing of Securities on the Growth Enterprise Market (the "**GEM**") of The Stock Exchange of Hong Kong Limited (the "**GEM Listing Rules**").

The board (the "**Board**") of directors (the "**Directors**") of the Company is pleased to announce that a 5G millimetre-wave artificial dielectric lens multibeam antenna of 26GHz frequency band was jointly developed by the Company, Xi'an Xiao's Antenna Technologies Co., Ltd.* (西安肖氏天綫科技有限公司) ("**Xiao's Antenna**"), Suzhou Haitian New Antenna Technologies Co., Ltd.* (蘇州海天新天綫科技有限公司) ("**Suzhou Haitian**") and the Microwave Institute of Xidian University (the "**Dielectric Lens Multibeam Antenna**"), and road test experiments were completed on 18 December 2017 (the "**Road Test Experiments**"). The data obtained from the Road Test Experiments shows that the Dielectric Lens Multibeam Antenna is fully suitable for 5G transmission system. This is the first successful test in the territory of the People's Republic of China (the "**PRC**") under the current public information.

The field strength tests of 3.7 metres, 68 metres, 120 metres, 220 metres, 330 metres, 440 metres, 560 metres and 660 metres were carried out respectively in the Road Test Experiments in which input power of antenna was 2w and receiving field strength at 660 metres was -73 dBm. Subject to terrain constraint at 660 metres, it is speculated that the Dielectric Lens Multibeam Antenna could achieve a larger coverage. The Dielectric Lens Multibeam Antenna is an artificial dielectric lens multibeam antenna for 26GHz frequency band with dielectric body weight of merely 35 grams and beam antenna of merely 3 grams each. The gain of each antenna unit can be increased by 10 dB or more by the dielectric lens and there is almost no wear and tear in term of heat problem. Greatly reduction in energy consumption is expected as compared to gain increment by traditional electronic methods, which represents a great importance for application of millimetre-wave on 5G transmission system.

Currently, regulators around the world are promoting the 5G spectrum planning, consulting and allocation work. Through the global research and planning of the 5G high frequency band, many countries and regions are closely studying the millimetre-wave. According to the statistics of Global Mobile Suppliers Association, 26 GHz and 28 GHz are the most commonly used frequency bands in 56 disclosed spectrum information of global 5G demonstration or test cases. The latest version of "People's Republic of China Regulations on the Radio Frequency Allocation" also considered in advance key protection of part of 26/37GHz frequency bands for business. Therefore, the Dielectric Lens Multibeam Antenna and data of the Road Test Experiments provide significant technical support to 5G new products being developed by the Company. In the future, the Company will also continue to actively study and strive to promote the development of 5G transmission system for commercial uses as soon as possible.

Xiao's Antenna is beneficially owned as to 70% by Professor Xiao Liangyong (肖良勇教授) and 30% by Ms. Chen Jing (陳靜女士). Professor Liangyong is the father of and Ms. Chen Jing is the spouse of Mr. Xiao Bing, an executive Director of the Company. Xiao's Antenna is a connected person of the Company. Suzhou Haitian is an associate of the Company, which is beneficially owned as to 60% by Xiao's Antenna and 20% by the Company.

Further announcement will be made as and when appropriate by the Company in respect of the Dielectric Lens Multibeam Antenna. Shareholders of the Company and potential investors are advised to exercise caution when dealing in the shares of the Company.

By order of the Board
Xi'an Haitiantian Holdings Co., Ltd.*
Chen Ji
Chairman

Xi'an, the PRC, 27 December 2017

As at the date of this announcement, the Board comprises Mr. Chen Ji (陳繼先生) and Mr. Xiao Bing (肖兵先生) being executive Directors; Mr. Sun Wenguo (孫文國先生), Mr. Li Wenqi (李文琦先生), Mr. Zuo Hong (左宏先生), Ms. Huang Jing (黃婧女士) and Mr. Yan Weimin (燕衛民先生) being non-executive Directors; and Mr. Zhang Jun (張鈞先生), Professor Shi Ping (師萍教授), Mr. Tu Jijun (涂繼軍先生) and Dr. Lam Lee G. (林家禮博士) being independent non-executive Directors.

This announcement, for which the Directors collectively and individually accept full responsibility, includes particulars given in compliance with the GEM Listing Rules for the purpose of giving information with regard to the Company. The Directors, having made all reasonable enquiries, confirm that, to the best of their knowledge and belief, the information contained in this announcement is accurate and complete in all material respects and not misleading or deceptive, and there are no other matters the omission of which would make any statement herein or this announcement misleading.

This announcement will remain on the "Latest Company Announcements" page of the GEM website at http://www.hkgem.com for at least 7 days from the date of its posting and be posted on the website of the Company at http://www.xaht.com.

* *for identification purpose only*