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Mitsubishi Electric Completes New Satellite Component Production Facility

Will help to strengthen company's growing foothold in global satellite market

TOKYO, June 1, 2017 – [Mitsubishi Electric Corporation](http://www.MitsubishiElectric.com) (TOKYO: 6503) announced today that it has completed construction of a facility that will double the satellite component production capacity of its Kamakura Works' Sagami Factory in Sagamihara, Japan. The new facility, Mitsubishi Electric's core production and testing site for solar array panels, structural panels and other satellite components, is expected to help grow Mitsubishi Electric's share of the global satellite market once production starts this October.



Rendition of new facility at Sagami Factory

Mitsubishi Electric is one of the world's leading manufacturers of satellite components, most notably structures made with advanced composite materials for the global market. The company has a rich history of providing global satellite manufacturers with solar array panels, structural panels and antennas produced at its Kamakura Works. Over the years, Mitsubishi Electric has developed a substantial share of this market.

The new facility will introduce a number of advanced manufacturing machines, such as high-precision machining equipment and automated welding machines, which will help the factory to double its production capacity. Existing machines currently dispersed throughout the factory will be concentrated in the new facility. The realization of seamlessly integrated production processes — from component and panel production to final testing — will further increase production efficiency, shorten production time, reduce costs and elevate product quality. This advanced new facility is expected to strengthen Mitsubishi Electric’s flexibility and speed in adapting to global market demands.

Together with a new satellite production facility, which is planned to be completed in July 2019 at the Kamakura Works, Mitsubishi Electric is targeting space-related revenue of 150 billion yen by 2021.

Mitsubishi Electric’s Space Systems Business

Mitsubishi Electric, a leading manufacturer for space research and development, has participated in the production of more than 500 domestic and international satellites as either the prime contractor or a major subcontractor. In 2000, the company became the first Japanese manufacturer capable of developing, designing, assembling and testing satellites at a single location. The company’s Kamakura Works is equipped with one of Japan’s largest thermal-vacuum testing chambers, an acoustic test chamber and an antenna test range. To date, the works has produced 18 satellites, as well as electronic modules for the Japanese-driven H-II Transfer Vehicle (HTV) for unmanned cargo resupply in outer space.

Mitsubishi Electric strengthened its presence in the global satellite market when it was selected to supply the TURKSAT-4A and -4B satellites to Turkey’s Turksat A.S. in March 2011. The two satellites incorporate Mitsubishi Electric’s DS2000 satellite platform, which facilitates the delivery of highly reliable satellites at reasonable costs. In May 2011, Mitsubishi Electric successfully delivered its ST-2 communications satellite into geostationary orbit for a joint venture between Singapore Telecommunications Limited and Taiwan-based Chunghwa Telecom Company Limited. In 2014, the company was awarded a contract to deliver the Es’hail 2 communications satellite to operator Qatar Satellite Company (Es’hailSat).

Overview of New Satellite Component Production Facility

Location	Sagamihara, Kanagawa Prefecture, Japan
Building area	7,428 m ² (floor area: 9,935 m ²)
Structure	Two-story reinforced-concrete structure, 11 m high
Main products	Satellite components made of composite materials, including solar array panels, structural panels, antennas, etc.
Operations	October 2017 (planned)
Investment	Approximately 3 billion yen
Green measures	56kW solar-powered system, heat pump air-conditioning system, 1,200 LED lights and energy-management system

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About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,238.6 billion yen (US\$ 37.8 billion*) in the fiscal year ended March 31, 2017. For more information visit:

www.MitsubishiElectric.com

*At an exchange rate of 112 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2017