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MITSUBISHI ELECTRIC CORPORATION
PUBLIC RELATIONS DIVISION
7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 100-8310 Japan

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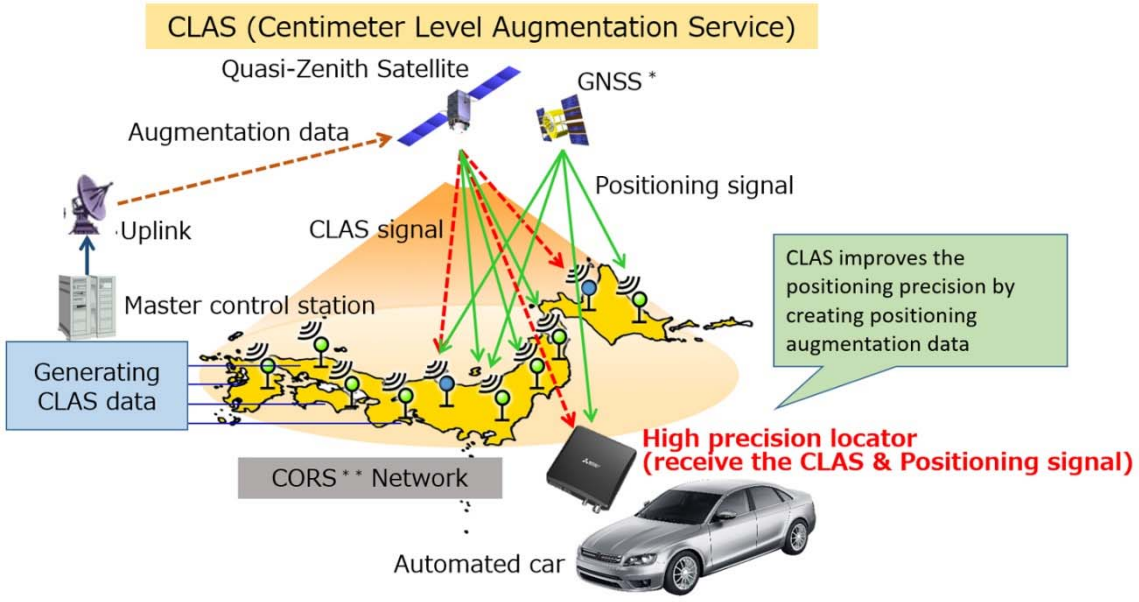
Media Inquiries

Public Relations Division
Mitsubishi Electric Corporation
prd.gnews@nk.MitsubishiElectric.co.jp
www.MitsubishiElectric.com/news

Mitsubishi Electric Field Testing World's First Autonomous Driving System Using CLAS from Quasi-Zenith Satellite System

TOKYO, September 26, 2017 – Mitsubishi Electric Corporation (TOKYO: 6503) announced today that it began field testing the world's first autonomous driving technology on highways to use a centimeter-level augmentation service (CLAS) broadcast from the Quasi-Zenith Satellite System (QZSS) on September 19. Driving tests will be conducted to verify the possibility of infrastructural driving, utilizing CLAS signals and high-precision 3D maps combined with Mitsubishi Electric's intelligent driving technology, including sensing technologies such as millimeter-wave radar and cameras.



CLAS is a positioning-augmentation service for high-precision positioning, distributed free of charge in Japan from the QZSS, which operates under the auspices of the Cabinet Office. CLAS is scheduled to begin operating in April 2018 and is currently in the final stages of verification. It is expected to be used for practical applications such as safe-driving assistance and automated driving.

Satellite positioning is used for daily-life solutions that receive positioning signals transmitted by global navigation satellite systems (GNSS*) operated in various countries. The precision of existing solution is limited to within a few meters because of errors due to satellite orbits, satellite clocks and satellite biases as well as local environmental factors such as ionospheric and tropospheric delays. CLAS improves precision by using positioning-augmentation data from a network of continuously operating reference stations (CORS**) administrated by the Geospatial Information Authority of Japan. The data is broadcast via the QZSS to high-precision positioning receivers installed in automobiles that can detect locations with centimeter-level accuracy.

* Navigation satellite constellations such as GPS

** Possesses defined coordinates and observes GNSS satellite parameter.

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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:
http://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