

## Navigation Satellite System and Establishment of GPS Network in the Western Pacific Area(1)

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The methods reinforced for GPS or GLONASS utilization have been developed; one of them is SBAS (Satellite -Based Augmentation System), according to the conception by FANS (Future Air Navigation System) of ICAO (the International Civil Aviation Organization). In this system, WAAS (Wide Area Augmentation System, US) and EGNOS (European Geostationary navigation Overlay System) have been operated. Moreover, MTSAT (Multi-functional Transport Satellite) will be launched this summer in Japan. The tracking stations of MTSAT will be established in Hawaii and Australia. The coordinates of these sites will be determined within the precision of 0.001 arc second.