6

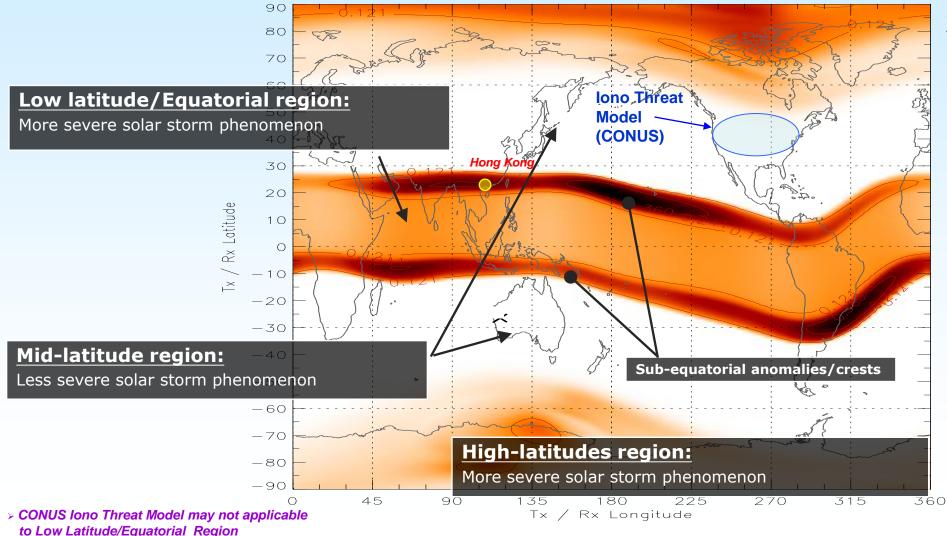
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Preparation for GBAS lonospheric Study in Asia and Pacific Regions

> Hong Kong, China 27 February 2012



Challenges in GBAS Implementation

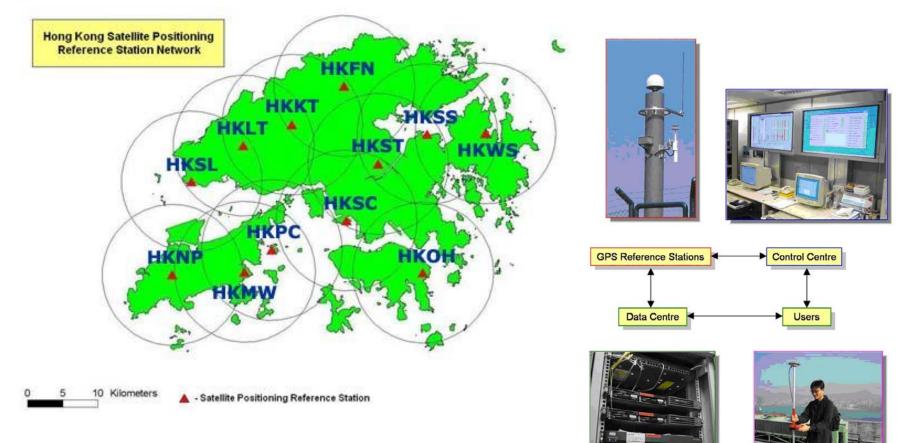




Preparation in Hong Kong, China

- CAD GPS Monitoring System at Hong Kong International Airport (HKIA) set up by Civil Aviation Department in December 2010
- Liaison and coordination with Lands Department of Hong Kong Special Administrative Region for sharing of GPS observation data from Hong Kong Satellite Positioning Reference Station Network
- Participation in ICAO Ionospheric Studies Task Force for study and development of regional ionospheric model

Hong Kong Satellite Positioning Reference Station Network



12 Continuously Operating Reference Stations (CORS) evenly distributed by about 10 km to 15 km in Hong Kong



Synergy On Coverage

12 Continuously Operating Reference Stations (CORS) evenly distributed by about 10 km to 15 km (Hong Kong Satellite Positioning Reference Station Network)

One GPS Monitoring Station in HKIA

