Asian Base Station Network
Project Report

20/12/2015
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Outline

• Report of installation reference station at Jakarta, Indonesia
• Goal for this year
Installing reference station at Indonesia University
The Campus in Jakarta

Roof top of the building
No Obstacles
Installing reference station at Indonesia University
Set up the GNSS-Antenna 17 Dec.
Installing reference station at Indonesia University Seminar and Demonstration 18 Dec.
Installing reference station at Indonesia University
Demonstration results

- Low-cost RTK-GNSS (UBlox)

1. Taking Reference station and rover observation files
2. Convert to RINEX
3. Process by RTKLIB
CORS-Network

CORS – Network
(Continuously Operating Reference Stations)

Japan
• Tokyo
• Keio
• TUMSAT

Asia
• Chulalongkorn Univ.
• AIT Univ.
• Univ. of Philippines

University of Indonesia

Antenna (Multi-GNSS)

Receiver (with Server)
Goal for this fiscal year

- Installing Reference station 1 or more...

Candidate
- Singapore
- Kuala Lumpur
- Laos