

status of ionospheric studies for GNSS, SBAS and GBAS IN INDONESIA

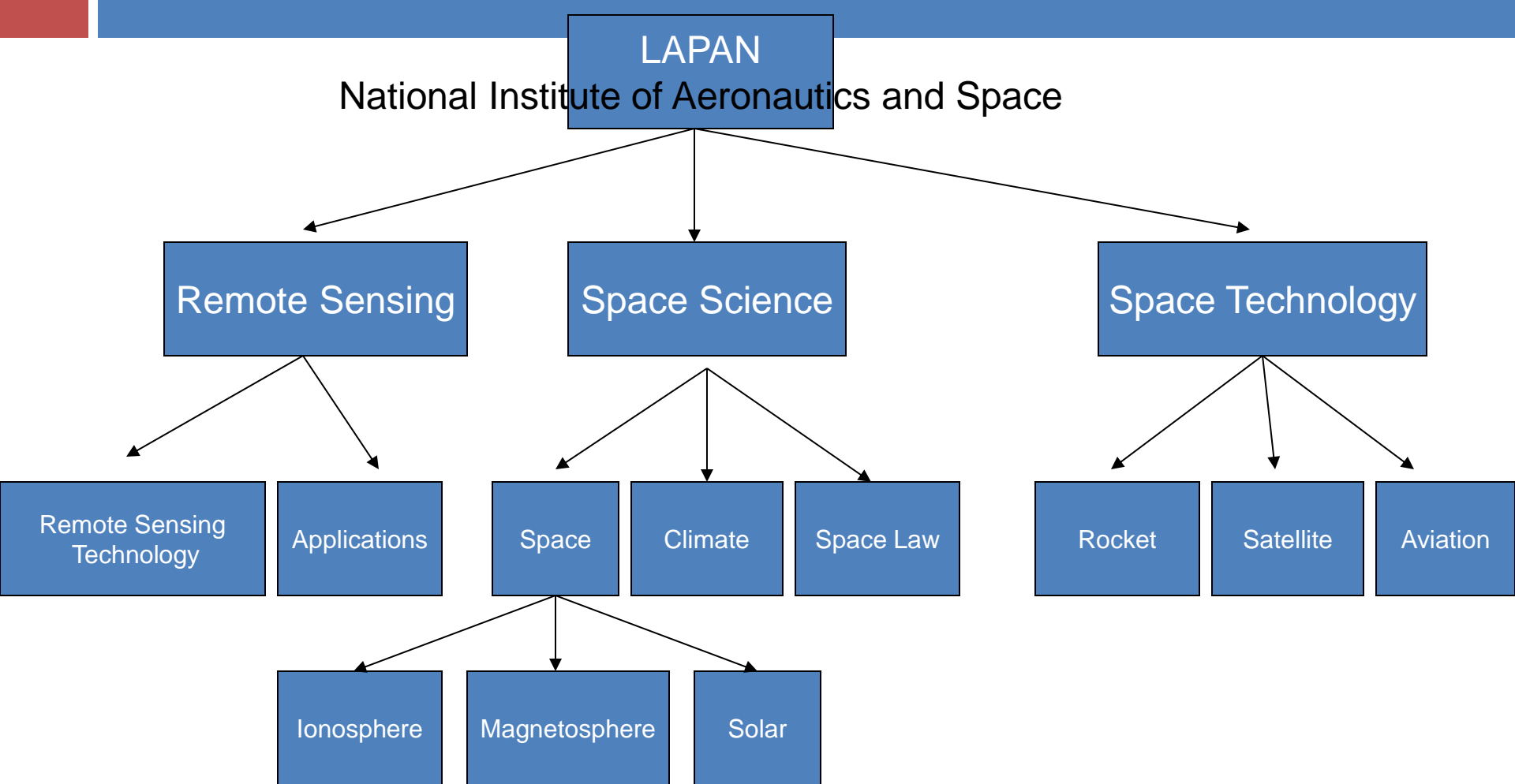


Slamet Supriadi, M. Sc.

Outline

- LAPAN
- Ionospheric Data Collection
- GNSS
- SBAS
- GBAS

Organization



GNSS Disturbances Monitoring



GISTM
(Global Ionospheric Scintillation
& TEC Monitoring) - Novatel

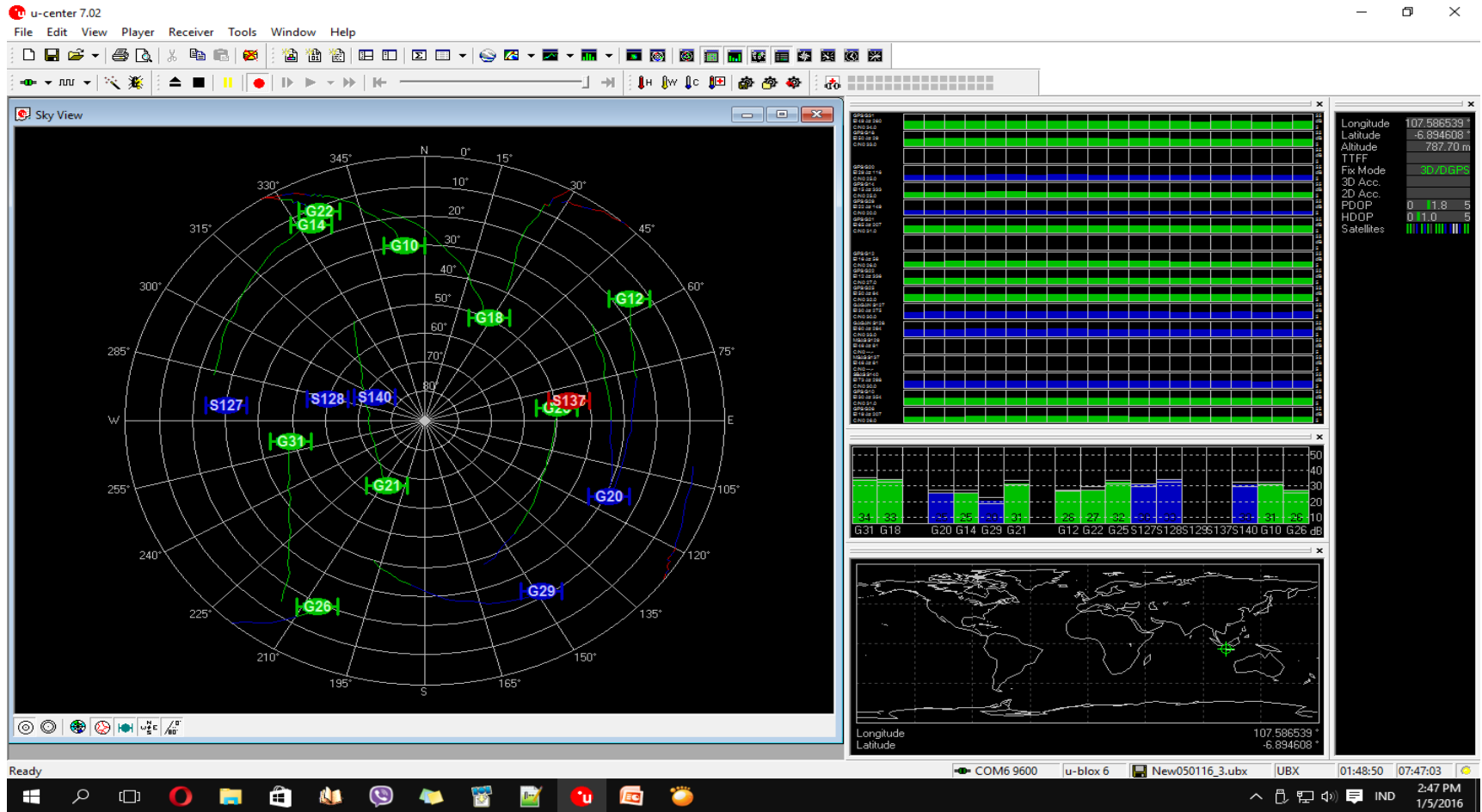
Monitoring The Ionospheric
disturbances (GPS)



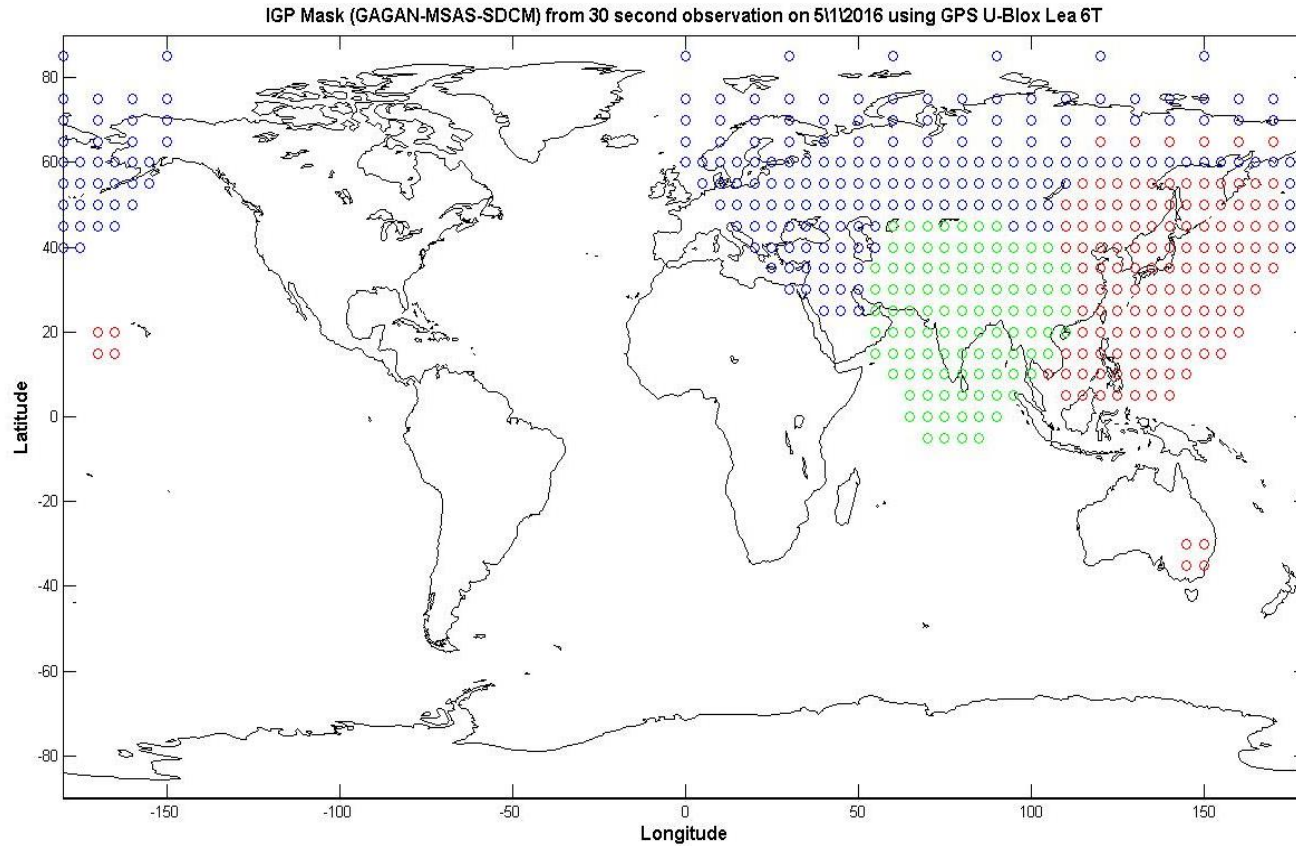
U-blox
LEA-6T

Monitoring
SBAS correction

SBAS - Ionospheric Monitoring

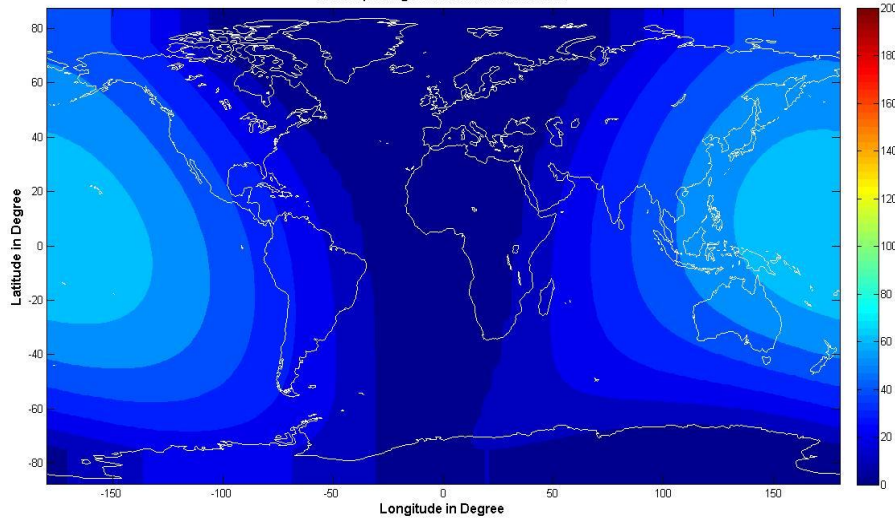


SBAS - Ionospheric Monitoring

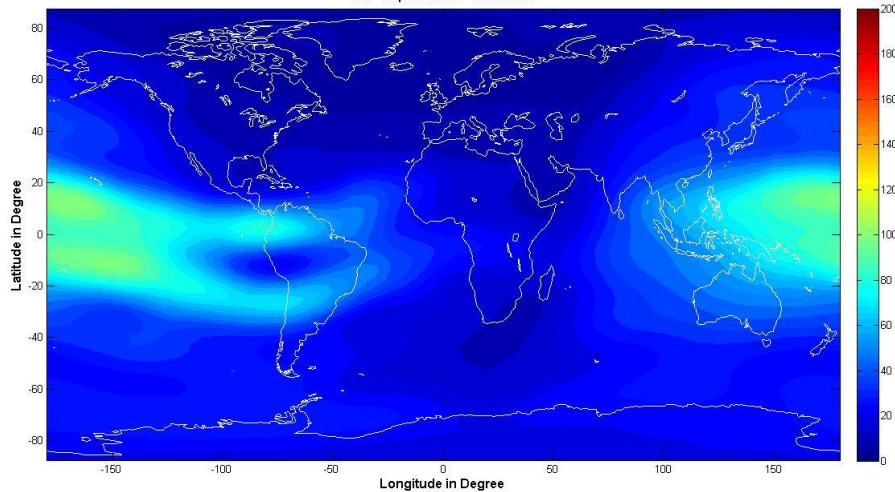


SBAS - Ionospheric Monitoring

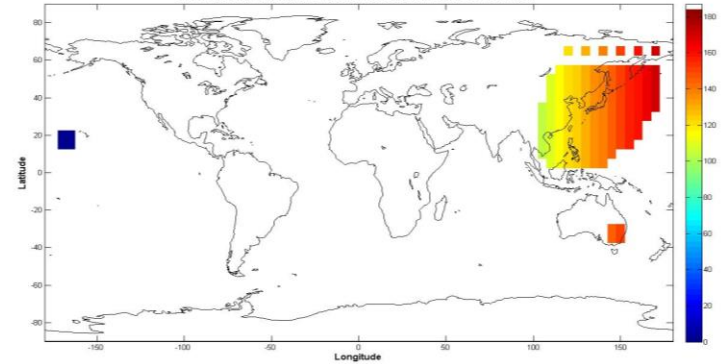
TEC map using Klobuchar model at 02 UT



TEC map from IONEX at 02 UT



VTEC MSAS from 30 second observation on 24/2013 using GPS U-Blox Lea 6T

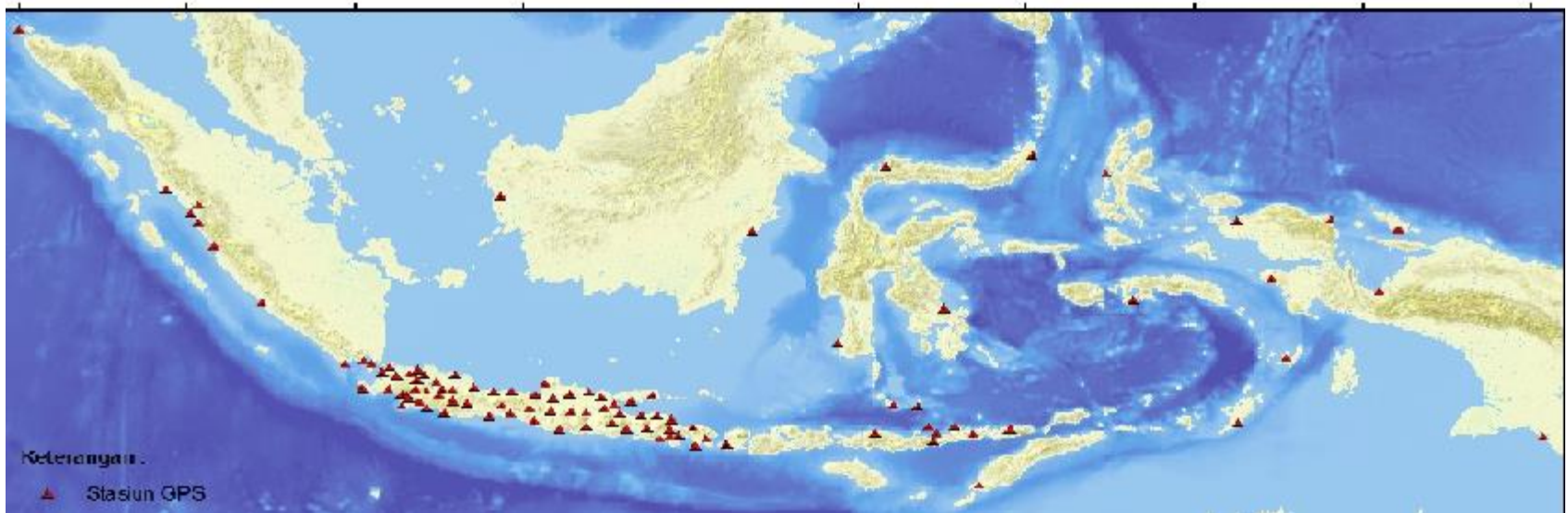




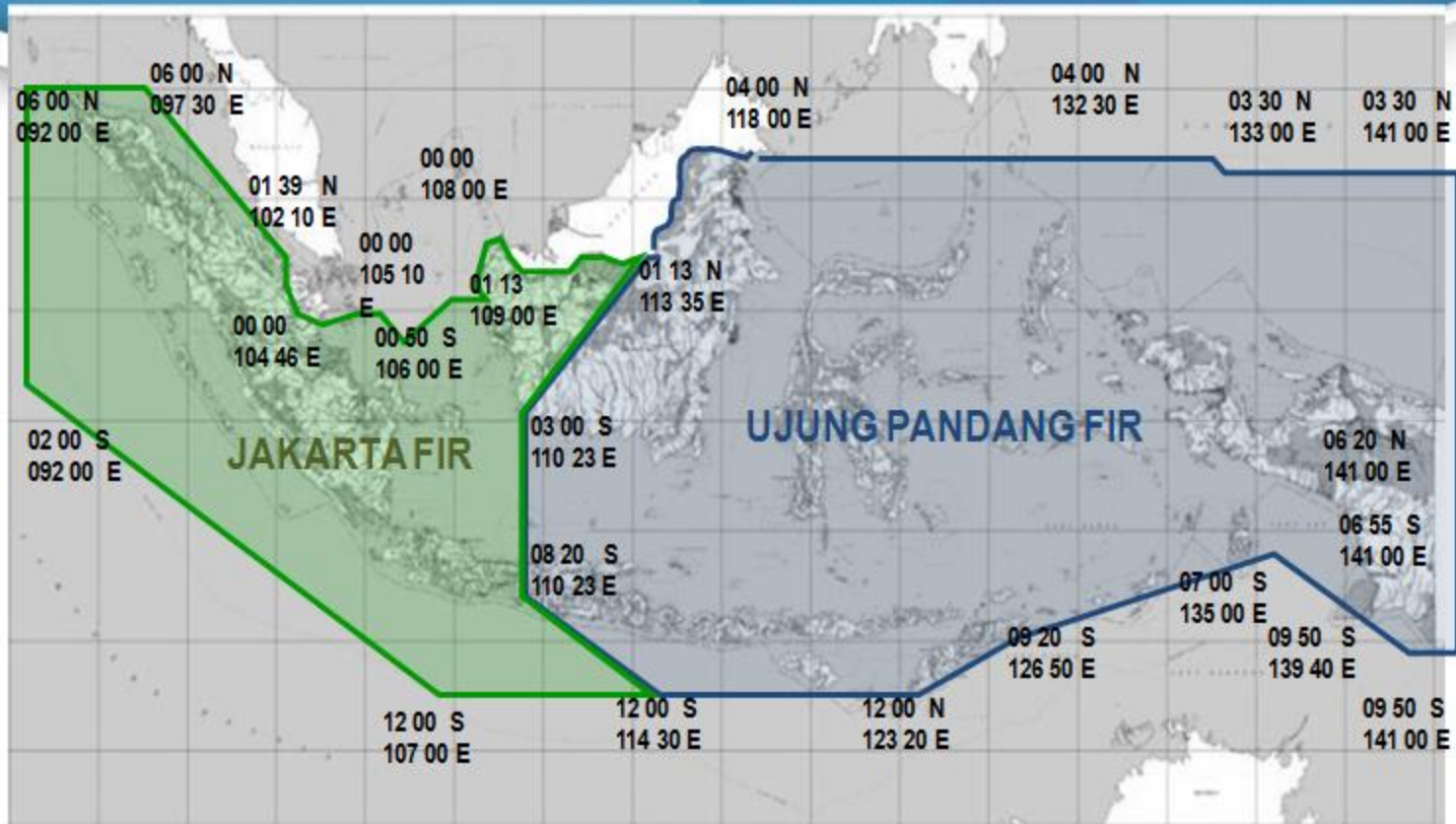
www.big.go.id

Bersama Menata Indonesia yang Lebih Baik

The top banner features a stylized globe on the left with the text 'BADAN INFORMASI GEOSPASIAL'. To the right is a map of Indonesia with various provinces highlighted in different colors. The website address 'www.big.go.id' is in the top right corner, and the slogan 'Bersama Menata Indonesia yang Lebih Baik' is written in a cursive font at the bottom.



Indonesia Flight Information Region (FIRs)



DIREKTORAT JENDERAL PERHUBUNGAN UDARA
Kementerian Perhubungan Republik Indonesia



GBAS - Simulation Study

