# New Positioning Techniques FIG Commission 5 Special Study Group

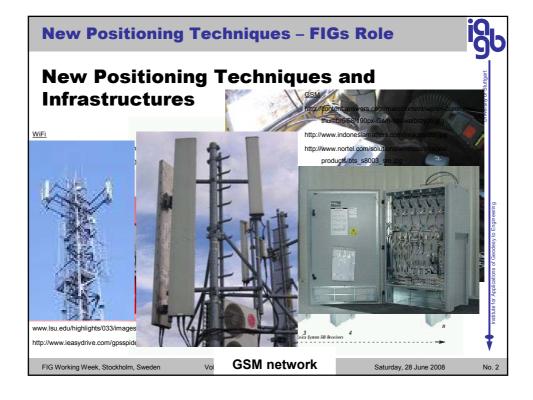
FIG Working Week

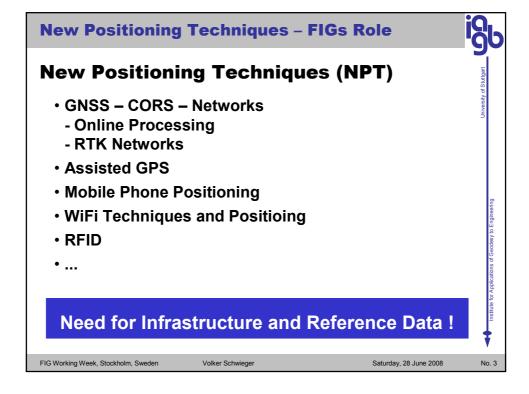
TS 8 F New Positioning Techniques Forum

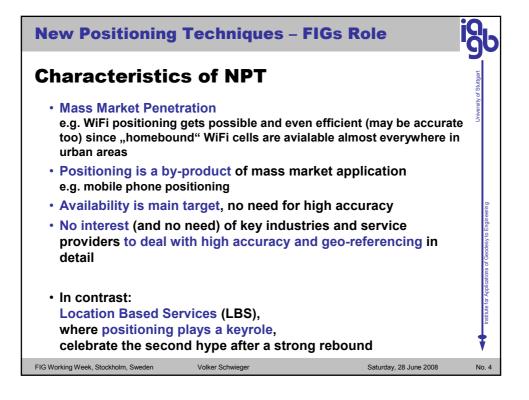
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Stockholm, Sweden, June 18th, 2008







### **New Positioning Techniques – FIGs Role**



## **Role of the Surveyor**

- New Positioning Techniques are NEW for Surveyors, may be not for other disciplines
- Surveyors only "like" accurate and reliable positions, often they even look a little bit snootily on the ones providing a meter-accurate position!
- Positioning Infrastructure, Technologies and Techniques are developed without surveyors for the mass market!

**Surveyors** 

should know about the developments, bring in their knowledge, and find new job opportunities!

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#### **New Positioning Techniques - FIGs Role**



# FIG SSG New Positioning Techniques

#### **Tasks**

- Dissemimate Information e.g. via Web-Portals about e.g. technology development, available services, etc.
- Organize and Participate at Symposiums and Workshops
- Facilitate Forums at FIG / IAG events
- Generation of a FIG-Handbook on "New Positioning Techniques" including definition of terms
- Create connections to sister organisations, manufacturers, service providers, etc.

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### **New Positioning Techniques – FIGs Role**



## FIG SSG New Positioning Techniques

#### **Activities so far**

- SSG Membership is built but still open!
- An (so far internal) internet-exchange-portal has been established in Calgary, Canada
- Forums in Hong Kong, China and Stockholm, Sweden were / are facilitated
- Manufacturer(s) and Sister Organisation are in Stockholm
- Participation at 4<sup>th</sup> International Symposium on "LBS and TeleCartography", Hong Kong, November 2007

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#### **New Positioning Techniques - FIGs Role**



# FIG SSG New Positioning Techniques

# Recent questions to be discussed

- Is integration of positioning infrastructure into International reference frames (geo-referencing) a topic for the SSG ?
- Or is it more important to relate the position to a location on the digital map ?!
- Should we work on standards e.g. for calibration of sensors and infrastructure?
- Who may provide input for a handbook / dictionary ?
- Is ubiquitous positioning a theme for the "standard surveyor" or / and the SSG ?

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