INTRODUCTION

• Three basic requirements
SATELLITE BASED LOCATION

- Theory of Relativity (1956)
- Sputnik – Doppler Effect (1957)
- Transit System (1960)
- Korean Air 007 (1983)
- Differential GPS
- Assisted GPS
- Modern Signaling
- GLONASS / (GALILEO) / BEIDOU / (IRNSS)
OTHER RADIO

• Amateur Radio
• LORAN
• ROLAX
  • Invented here!
• WiMAX
• E911