





GGOS - 'Catch the Planet'



Modern Geodetic Tool - GNSS The Framework

Global Navigation Satellite Systems

- Principles of navigation, surveying and geodesy remained the same until the Space Age ~1950's
- Celestial and global terrestrial reference systems were established, continually improving
 - GPS revolutionizes the field of modern geodesy
 - Enables ready and global access access to the signals
 - Foundation for the civilian exploitation of these systems is one of IAG's key services:
 - IGS International GNSS Service (formerly, International GPS Service)
 - Principles of open data policy
 - Highest quality products available anywhere GPS and GLONASS





Quick answers: What is the IGS?

The International GNSS Service (IGS, formerly the International GPS Service) is a voluntary federation of more than 200 worldwide agencies that pool resources and permanent GNSS station data to generate precise GNSS products. Currently the IGS supports two GNSS: GPS and the Russian GLONASS.

Over 350 permanent, geodetic GNSS stations operated by more than 100 worldwide agencies comprise the IGS network.



Civilian, dual frequency receivers tracking L1, L2, P2, and C1 or P2, minimally contributing daily files of 30-sec samples. Sub-network tracking new L2C

















120 - 220 120	Thank-you		







Photo courtesy of D. Stowers, JPL









