

The IGS Strategic Plan: Implementation Plan for 2011

Strategies	Goals	Actions required
1. Deliver world-standard quality GNSS data and products to all users globally with leading-edge expertise and resources.	1.1 Serve as the premier source of the highest-quality GNSS related standards (conventions), data and products, openly available to all user communities.	<ul style="list-style-type: none"> Facilitate the development of next generation combination software "ACC 2.0" (ACC, ACs, GB) Plan for the transition of the IGS Real Time Pilot Project to an IGS Service [RT WG, GB] Set and implement targets for the second IGS Reprocessing Campaign [ACC, ACs, GB] Participate in RTCM standardisation activities, coordinating relevant IGS inputs and reporting back to GB [CB, IC] Set 2011 targets and priorities for the Infrastructure Committee [IC, GB] Define and implement a process for obtaining and reporting on user feedback [CB, GB] Investigate possible new products and pilot projects in response to user needs [GB, WG Chairs] Appoint an IGS Network Coordinator – address issues such as defining functions, recruitment, securing funding, establishing relationship with IC, reporting lines, etc. [GB, CB, IC] Implement recommendations of 2010 Newcastle Workshop [all elements]
	1.2 Attract leading-edge expertise to pursue challenging, innovative projects in a collegial, collaborative and creative culture.	<ul style="list-style-type: none"> Pursue and engage new players, in different geographic, scientific, and application areas through outreach activities, e.g. conference presentations, exhibits, engagement with sister organizations, etc. [GB, CB] Develop on website a portfolio of examples of innovative new products and services based on IGS, similar to http://gps.gov or http://www.unavco.org/research_science/science-apps/science-apps.html [CB] Identify government or academic organizations that can play a greater role in IGS, e.g. as analysis centers for new products, AACs, etc. [CB, GB] Encourage Wuhan University (China) and GSI (Japan) to become AACs or ACs [GB] Engage with groups undertaking global multi-GNSS analysis, e.g. DLR [GB, all elements]
2. Develop, integrate, and participate with new and changing GNSS systems and understand user needs to continuously improve IGS services and to provide value to a broad range of users.	2.1 Incorporate and integrate new systems, technologies, applications and changing user needs into IGS products and services.	<ul style="list-style-type: none"> Develop web-based register of IGS stations, and develop annual metrics for number, geographic distribution, type of receiver, etc. [IC, NC, CB] Address all issues associated with converting RT-PP to an IGS Service – CfP, ToR, WG/Coordinator, product specs, etc. [GB, CB, RT WG] Establish TIGA Service – address issues [GB] Encourage expansion of GLONASS tracking network and analysis [IC, ACs, ACC] Plan for expansion of IGS network to track new signals and perform analyses, including GPS L2C & L5, GIOVE, QZSS, etc. [CB, IC] Set up IGS Multi-GNSS Pilot Project, and expand IGS network to track new signals and ACs to process new data types: GPS L2C & L5, GIOVE, QZSS, etc [IC, CB, GB] Encourage ACs to process multi-GNSS data from CONGO network [GB, GNSS WG, ACC, ACs]

	2.2 Facilitate the integration of IGS into the Global Geodetic Observing System (GGOS) and other more broadly based Earth observing and global navigation systems and services.	<ul style="list-style-type: none"> • Maintain engagement with GGOS, in particular Steering Committee and Bureau for Networks & Communications [GB] • Promote IGS products as GGOS products, and ensure efficient distribution via GGOS Portal [CB, all elements] • Engage with GGOS Inter-Agency Committee (GIAC) to ensure that funding for ongoing IGS operations is placed on a sustainable footing [GB, CB] • Continue IGS support to International Committee on GNSS (ICG), including new Reference Frame and Timing Task Forces, as well as raising other user-issues [GB, RF WG, CB] • Support participating agencies with transition to a multi-GNSS tracking network, through appropriate Infrastructure Committee activities [GB, IC] • Set AFREF goals for 2011 ... [GB, CB]
3. Continuously improve the effectiveness of IGS management and governance to support future growth.	3.1 Maintain an international federation with committed contributions from its members, and with effective leadership, management and governance.	<ul style="list-style-type: none"> • Implement new IGS website [CB] • Commence planning for new 5 year IGS Strategic Plan [GB] • CB to develop an annual Operating Plan [CB] • Balance GB meetings between strategic directions & technical issues [GB] • Ensure diversity of GB membership with respect to geographical distribution & expertise [GB] • Membership Committee to review Associate Member list and means of increasing diversity of AMs [GB] • Monitor progress on implementation of recommendations of 2010 Newcastle Workshop [GB, CB] • Identify areas of the world where more IGS sites are required and develop strategies for engagement with appropriate agencies in those countries [CB, NC, IC, GB] • Restructure and/or re-focus activities of the GNSS WG [GB, GNSS WG]
	3.2 Promote the value and benefits of IGS to society, the broader scientific community, and in particular to policy makers and funding entities.	<ul style="list-style-type: none"> • Establish a webpage on the IGS website similar to the http://pnt.gov site where direct links to IGS (& affiliated organisation) conference/workshop presentations would facilitate “one-stop” downloads, highlighting opportunities for engagement with policy makers, etc, for outreach [CB] • Review concept of the “IGS Foundation” - develop set of goals, ToR, etc. [GB, CB] • Support conferences and special sessions focused on IGS products and applications [all elements] • Continue to engage with professional organisations such as FIG, ISPRS, ION, including recruitment into IGS WGs [GB, CB] • Encourage IGS contributions at IUGG2011 symposia [all elements]