



## **The Bureau of Products and Standards and its key role within GGOS**

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The purpose and major goal of the Bureau of Products and Standards (BPS) is to support IAG's Global Geodetic Observing System (GGOS) in its objective to obtain consistent products describing the geometry, rotation and gravity field of the Earth, along with its variations in time. The work of the BPS is primarily built on the IAG Services and the products they derive on an operational basis from various geodetic observation techniques such as VLBI, SLR/LLR, GNSS, DORIS, satellite altimetry, gravity satellite missions, gravimetry, etc. In this framework it is a fundamental requirement that common standards and conventions are used by all IAG components for the analysis of the different geodetic observations. The BPS also concentrates on the integration of geometric and gravimetric parameters and the development of new products, required to address important geophysical questions and societal needs.

In this presentation we give an overview about the key activities of the BPS and summarize the major findings of its recent activities. Some examples of the BPS inventory on standards and conventions used for the generation of IAG products, which has recently been published in the IAG Geodesist's Handbook 2016, will be highlighted, indicating that there are several shortcomings and deficiencies. It will also be discussed how to proceed with the recommendations given in the inventory and how to resolve inconsistencies and gaps. Finally, this presentation will give an overview about the future plans of the BPS towards the development of new products based on the integration of geometric and gravimetric observations.