

SLR, GNSS, VLBI, AND DORIS NETWORKS: ILRS+IGS+IVS+IDS. C. E. Noll¹, ¹NASA Goddard Space Flight Center, Code 690.1, Greenbelt, MD 20771, USA, Carey.Noll@nasa.gov.

Abstract: The global networks of the International Laser Ranging Service (ILRS), the International GNSS Service (IGS), the International VLBI Service for Geodesy and Astrometry (IVS), and the International DORIS Service (IDS) are the backbone of GGOS. The observations obtained from these global networks provide a continuous monitoring of the International Terrestrial Reference Frame (ITRF). Co-location of two or more techniques at sites is an important aspect for generation of the ITRF as well as providing an assessment of the observation quality, accuracy, and validation of results. As of mid-2014, these networks consisted of 47 laser ranging sites, 453 GNSS sites, 48 VLBI sites, and 58 DORIS sites. The data generated by the stations in these networks, and the products derived from these data, are available from the Crustal Dynamics Data Information System (CDDIS). This poster will illustrate the global coverage of these networks, highlighting inter-technique co-locations.