

2015 ILRS Technical Workshop

1.2 SLR on GPS III

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After years of efforts, the US Air Force Space Command agreed to allow satellite laser ranging to GPS III satellites to support new geodetic requirements. This presentation will review these geodetic requirements, the status of the Laser Retro-reflector Array development, plans for integration, needed studies, thoughts on schedules, and level of ILRS support. Fortunately, the scientific community has plenty of time to plan for GPS III and how best achieve the 1 mm reference frame through the support of GNSS and other missions.