

30th IADC, Working Group 1 – DLR Activities 2011, Part I

- LEO Measurements campaigns
 - 2006 (AI23.3): Data report provided
 - 2008 (AI25.1): Data report provided
 - 2010 (AI28.1): Data evaluation finished,
generation of formatted data report in process
- Participation in the reentry campaigns for the satellites UARS (US), ROSAT (GE) and Mars explorer Phobos Grunt (RU)
 - Delivery of tracking data and orbital parameters (TLE)
 - Processing and delivery of 2D ISAR images
- Tracking/Imaging support during the passivation of ESA's ERS-2 satellite
 - Delivery of tracking data and ISAR images
- Support of ESA's ENVISAT contingency activities
 - Delivery of tracking data and ISAR images
 - Image-based attitude estimation of ENVISAT's solar panel

30th IADC, Working Group 1 – DLR Activities 2011, Part II

- Possible use of Stockert antenna system
(diam. 25 m, gain 49 dB, beam width 0.6 deg)
as „guard“ antenna during TIRA Beampark experiments
→ Identification of „Sidelobe targets“
- Development of plans and concepts for initial tests



Stockert antenna system

