U.S. Naval Observatory Operation Center

Kerry Kingham, M.S. Carter

Abstract

This report covers the activities of the NEOS Operation Center at USNO for 2003. The Operation Center schedules IVS-R4 and the Intensive experiments.

1. VLBI Operations

NEOS operations in the period covered consisted, each week, of one 24-hour duration IVS-R4 observing session, on Thursday-Friday, for Earth Orientation, together with four daily one-hour duration “intensives” for UT1 determination. The operational IVS-R4 network has included VLBI stations at Gilmore Creek (Alaska), Kokee Park (Hawaii), Wettzell (Germany), Fortaleza (Brazil), Ny-Ålesund (Norway), Algonquin Park (Canada), TIGO (Chile), Svetloe (Russia), Hobart (Australia), Onsala (Sweden), and Matera (Italy). A typical R4 consists of 7 stations. The stations for the IVS-Intensives were Kokee Park and Wettzell.

All sessions are correlated at the Washington Correlator, which is located at USNO and is run by NEOS.

2. Staff

M. S. Carter continues as the only staff member of the NEOS Operation Center.