

# U.S. Naval Observatory Operation Center

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## 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.