

# U.S. Naval Observatory Operation Center

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## Abstract

This report covers the activities of the NEOS Operation Center at USNO for 2002. 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), Seshan (China), Hobart (Australia), and Matera (Italy). No more than six stations were used in any given R4. The intensives used 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.