

Revisions

- 1) An error in the C version of the DAT routine was corrected. The error, not present in the Fortran version, applied only to dates in the first half of 1972. The consequences were platform-dependent; in the test environment the error left the results unaffected, but with other compilers and computers, wrong answers or even arithmetical exceptions were possible.

IAU SOFA Center
03/03/2009

- 1) A bug affecting the routines iauFk52h and iauH2fk5 has been corrected. This caused erroneous proper motions (and also radial velocity) to be returned.
- 2) The testbed t_sofa_c.c has been updated to reflect the changes to iauFk52h and iauH2fk5.
- 3) In the C header file sofa.h, an used reference has been removed.
- 4) In the C functions iauFk5hip, iauGmst00, iauObl80 and iauObl06, use of the ANSI C language feature "unary plus" has been eliminated, to avoid difficulties with older compilers.

IAU SOFA Center
18/03/2009

- 1) An error in the description of the coordinates of the Celestial Intermediate Pole with respect to the International Terrestrial Reference System in the routines iauC2t00a, iauC2t00b, iauC2t06a, iauC2tpe, iauC2txy and iauPom00 has been corrected. These revisions have no effect on the results produced by these routines.

02/04/2009