

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.

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- 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.

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