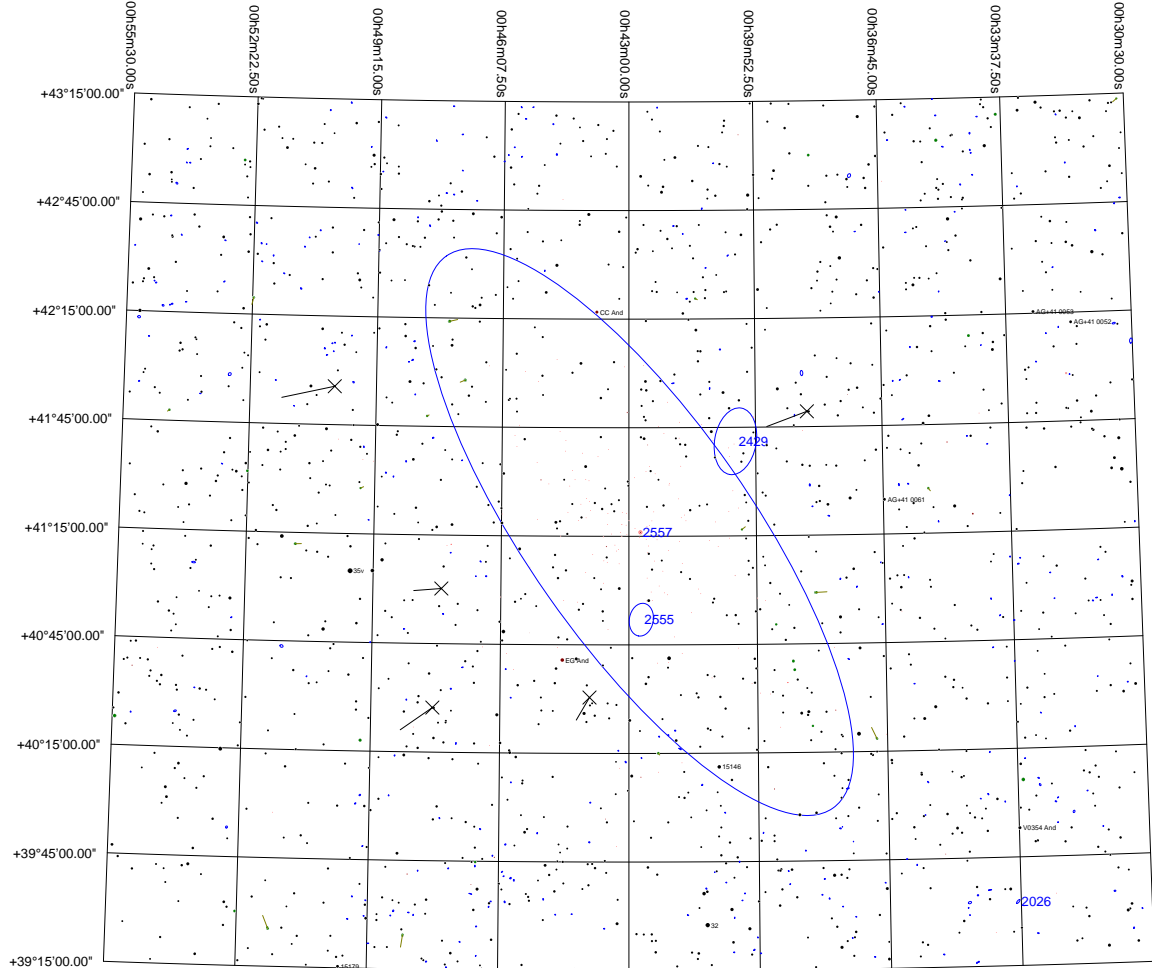


Chart of the Sky
 2003 01 01 00:00:00.000 TT = 2452640.50000 JD TT
 UTC: 2452640.49922, TDB: 2452640.50000
 Exposure time: 12.0 hours

Martin D. Adamiker's LISA
 Lightweight Integrative Software for Astrometry
 (c) 2003 The Martin D. Adamiker LLC, Vienna, Austria

Integration Test

Planets: J. Chapront, G. Francou, series96, Bureau des Longitudes; Chapront J., Astron. Astrophys. Suppl. Ser. 109, 181 (1995).
 Moon: Chapront-Touze M., Chapront J., Lunar solution ELP2000-82B, Bureau des Longitudes
 Satellites: J.-E. Arlot, Ch. Ruatti, D.T. Vu and W. Thuillot, Ephemerides of the main planetary satellites (POSXY), 1995, February 3, Bureau des Longitudes
 Saturn rings: W. Thuillot, Chebyshev polynomials for Saturnian rings, 1999, March 29, Institut de Mecanique Celeste
 and NASA Planetary Photojournal, <http://photojournal.jpl.nasa.gov/catalog/PIA00335>, Courtesy of NASA/JPL/Caltech



HyperLeda: Lyon-Meudon
 Extragalactic Database
<http://leda.univ-lyon1.fr>

- 5' circular galaxy
- ◐ 2' oblate galaxy
- 5.0 mag star
- 10.0 mag --
- 15.0 mag --
- 20.0 mag --
- 5.0 mag other object
- 10.0 mag --
- 15.0 mag --
- 20.0 mag --

II/214A: Combined General
 Catalogue of Variable Stars
 (Kholopov+ 1998)

- 1.0 ... 2.0 mag
- 1.0 ... 5.0 mag
- 5.0 ... 7.0 mag
- 5.0 ... 10.0 mag
- 10.0 ... 12.0 mag
- 10.0 ... 15.0 mag

I/259: The Tycho-2 Catalogue
 (Hog+ 2000)

- 5.0 mag
- 10.0 mag
- 15.0 mag

The Asteroid Orbital Elements Database
 Bruce Koehn (koehn@lowell.edu)

- ✕ 5.0 mag
- ✕ 10.0 mag
- ✕ 15.0 mag
- ✕ 20.0 mag

V/109: SKY2000 Catalog, Version 4
 (Myers+ 2002)

- 0.0 mag
- 2.0 mag
- 5.0 mag
- 10.0 mag

I/276: Tycho Double
 Star Catalogue
 (Fabricius+ 2002)

- 5.0 mag star
- 10.0 mag --
- 15.0 mag --
- 20.0 mag --
- 5.1" sep.
- 2.5" sep.
- 1.3" sep.