

March 28th, 2023

Sparcom Celestial Navigation Pac

This library is compatible with HP49/50 (it won't work on HP48S/G) and is based on Sparcom Navigation Pac by Dr. Thomas R. Metcalf and subsequent porting to HP49 by Eddie C. Dost. All the copyrights and credits belong to the original authors. The original package (including the HP48 compatible ROM dump) is available at HPCALC.ORG, ID 7082.

This version (230325) improves the following:

- Better display formatting.
- ADV program now reaches the expected result.
- It can run on the real or virtual machine.

Known issues:

To go around a virtual machine limitation, this version looks for custom data only on port 0.

In the original release, you could add your favorite astronomical objects to the ALMN program by creating a list saved in a variable named 'OTHERNAVDATA'. It could reside in any port, now it should be stored in the {HOME SPARCOM NAV48D VARBLS} directory (port 0). This is a very advanced feature and shouldn't affect most users. If you are interested, check the owner's manual for more information.

PDF manual can be downloaded from here: <https://literature.hpcalc.org/community/pp-celestial.pdf>

If you find a bug, please email me at acapde@hotmail.com

Sail safe.

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