

ORBITER Credits

In alphabetical order. Last updated 16 January 2005

Jason Benson (“agent036”)

New Mir model

Included since: version 021201

P. Bretagnon, G. Francou

Bureau des Longitudes, CNRS URA 707

pierre@bdl.fr francou@bdl.fr

VSOP87

Planetary perturbation terms for Mercury to Neptune

Download date: 17 August 2001

M. Chapront-Touze, J. Chapront

Bureau des Longitudes, CNRS URA 707

77, Avenue Denfert-Rochereau

75014, Paris, France

Lunar Solution ELP 2000-82B (Semi-analytical lunar ephemerides)

Ref:

Astron. Astrophys. 124, 50 (1983)

Astron. Astrophys. 190, 342 (1988)

Robert Conley (“estar”)

Atlantis MMU and Satellite extensions

Atlantis documentation

Included since: version 021201

Elwood Downey

www.clearskyinstitute.com/xephem/xephem.html

Lunar ephemeris

Perturbation terms for lunar positions.

Andrew Farnaby

Project Alpha ISS model

Included since: version 030527

Don Gallagher

Space Shuttle Atlantis mesh and textures.

Included since: version 031103

LDEF mesh and textures

Included since: version 031103

Damir Gulesich

Space Shuttle External Tank and Solid Rocket Booster mesh and textures.

Included since: version 031103

James Hastings-Trew

<http://apollo.spaceports.com/~jhasting/>

Phobos and Deimos meshes

Download date: 12 March 01

Author note: *"Meshes are downsampled versions of OpenUniverse Objects"*

Uranus map

Format: 1024x512 Jpeg

Download date: 2000

Author note: *"Painted pretty much from scratch based on images found around the internet."*

Uranus ring data:

Download date: 2000

Neptune map

Format: 1024x512 Jpeg

Download date: 2000

Author note: *"Painted pretty much from scratch based on images found around the internet."*

David Hopkins

Space Shuttle Atlantis module code extensions

Included since: version 031103

Jet Propulsion Laboratory Multimission Image Processing Laboratory

Solar System Visualization Project and Magellan science team

Venus surface map

Format: 5120x2560 Tiff

Download date: 22 September 03 (original: p45187.tif)

Composite of Magellan synthetic aperture radar mosaics.

Author note: *"Data gaps are filled with Pioneer-Venus Orbiter altimetric data, or a constant mid-range value. Simulated color is used to enhance small-scale structure. The simulated hues are based on color images recorded by the Soviet Venera 13 and 14 spacecraft."*

Björn Jónsson

<http://www.mmedia.is/~bjj>

Venus cloud map

Format: 1800x900 Jpeg

Download date: 12 March 01

Saturn map

Format: 1800x900 Jpeg

Download date: 12 March 01

Author note: *"Created from Voyager data with some artistic interpretation"*

Saturn ring data

Download date: 9 March 01

Author note: *"Created from Voyager images"*

Roger "Frying Tiger" Long

DeltaGlider and DG-S mesh and virtual cockpit

Included since: version 020418

Updated and extended version, included since: version 050116

Dragonfly mesh improvements and textures

Included since: version 021201

Shuttle-A mesh

Included since: version 021201

Jens Mayer

<http://home.arcor.de/jimpage/>

Moon map

Format: 8192x4096 Jpeg

Download date: 19 August 03

OpenUniverse

<http://openuniverse.sourceforge.net/>

Mars map

Format: 8192x4096 Jpeg

Download date: February 01

Valerio Oss

KSC VAB mesh

Included since: version 021201

Balázs Patyi

patyibalazs@yahoo.com

PTV (Personal transport vehicle) mesh

Included since: version 010706

Radu Poenaru

Dragonfly electrical and environmental simulation

Dragonfly panels

Dragonfly documentation

Included since: version 021201

Dean A. Scott

Earth cloud map

Format: 4096x2048 Jpeg

Download date: 16 July 01

Duncan Sharpe

TransX MFD mode module

Included since: version 031103

Robert Stettner

Uranus & Neptune major moons:

Miranda, Ariel, Umbriel, Titania, Oberon, Triton, Proteus, Nereid
Included since: version 021201
Author note: *"Special Thanks go to JPL and their Planetary Satellite Mean Orbital Parameters and Moon Maps, as well as the developing Orbiter Community, for providing assistance and great support!!!"*

Philip J. Stooke

Dept. of Geography, University of Western Ontario,
London, Ontario, Canada N6A 5C2
<http://www.ssc.uwo.ca/geography/spacemap>

Phobos map

Format: 600x300 Jpeg
Download date: 27 July 01

Deimos map

Format: 800x400 Jpeg
Download date: 27 July 01

David Sundstrom

Hubble Space Telescope (HST) model.
Included since version 031103

Constantine Thomas

<http://www.btinternet.com/~consty>

Jupiter map

Format: 1024x512 Jpeg
Download date: 12 March 01
Author note: *Constructed from Voyager data (JPL/NASA)*

Visible Earth/NASA

<http://visibleearth.nasa.gov/>

Earth surface map

Format: 8192x4096 TIFF
Location: <http://visibleearth.nasa.gov/cgi-bin/viewrecord?11612>
Download date: 18 February 2002

NASA Goddard Space Flight Center Image by Reto Stvckli (land surface, shallow water, clouds). Enhancements by Robert Simmon (ocean color, compositing, 3D globes, animation). Data and technical support: MODIS Land Group; MODIS Science Data Support Team; MODIS Atmosphere Group; MODIS Ocean Group. Additional data: USGS EROS Data Center (topography); USGS Terrestrial Remote Sensing Flagstaff Field Center (Antarctica); Defense Meteorological Satellite Program (city lights).

KSC area high resolution surface tiles from Landsat 7 imagery
available from the Visible Earth site.

James S Williams

Venus surface and cloud textures
Included since version 031103

Mercury textures

Included since version 050116

