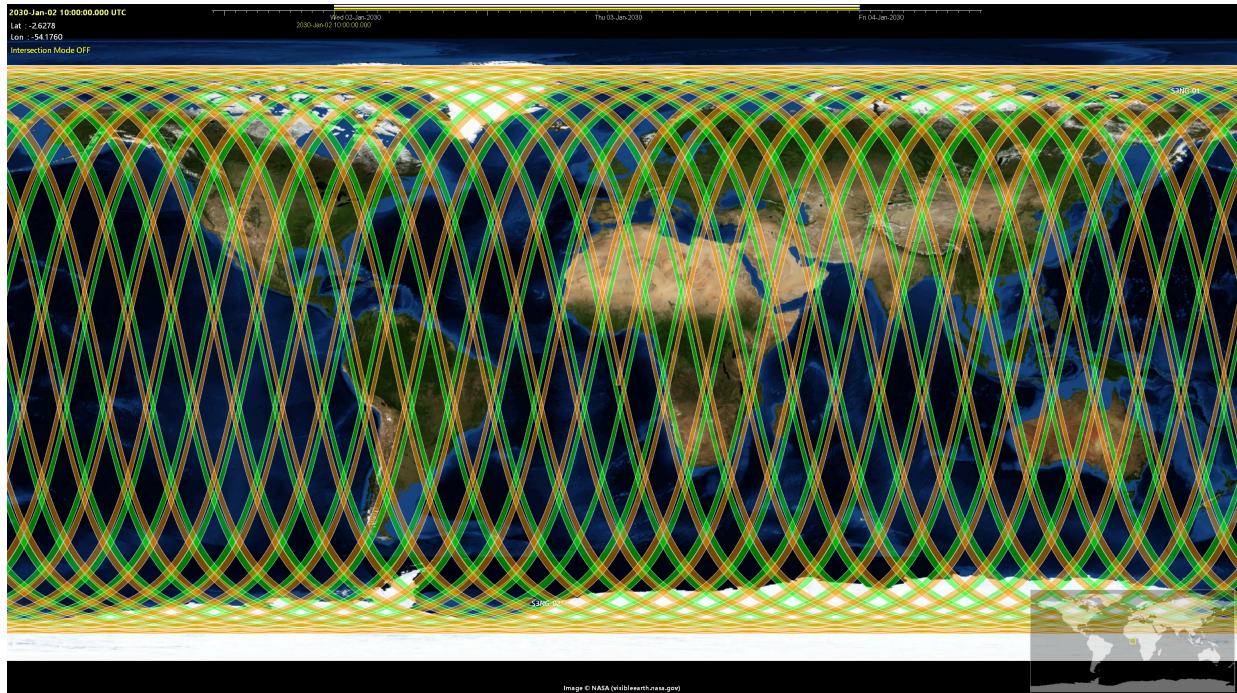


EOMER v3.2.3

Release Notes



What's new

This release implements the following changes with respect to Eomer v2.0.7 released on 11 March 2022:

New Features

- Implemented the user interface upgrades released in SaVoir v11.3.0, more information can be found in the [SaVoir release notes](#).
- Aligned the handling of ESA Earth Explorer schemas to cope with Ground Segment Standard 3.0. All files which could not be read in EOMER v2.0.9 can be read since v3.0.0.
- Removed the intersection mode, which is made possible thanks to a simplified operator sequence.

- Added the functionality that an imported SCF is visible as a new sensor in the Satellites panel.
- Implemented a new feature such that the Imported SCF clones can remain visible after triggering "Calculate"; i.e. added the option "Tools / Swaths / Freeze" and "Tools / Swaths / Unfreeze", which allow for freezing the visible swaths so that they are not cancelled by triggering "Calculate".
- Implemented a new feature to import custom Antenna files. The selected satellite is connected to the imported stations for the visualisation of the station coverage on the map. If multiple satellites are selected, the first one is used (this can be adjusted manually on the antenna menu by the user).

Bug Fixes

- Error message when creating an SSO mission using the orbit wizard.
- Error message when adding an Orbit File (ORBSCT) to an existing mission.
- Importing an ESOV Swath Control File is treated as an Intersection Mode.
- Gantt chart not synched with map upon disabling the Intersection Mode.
- A new orbit file can be added to a satellite via the right-click option "Add an orbit file..." on the Satellites panel.

Documentation

The user manual is embedded in Eomer menu Help

Available Platforms

EOMER is available for Windows 64-bit (target OS version is Windows 10):

	Distribution Package
Windows 64-bit	Eomer.3.2.3_x64.exe

Mission Support

The EOMER distribution package includes mission configuration files for the following operational satellite missions:

- Aeolus
- Biomass
- Cryosat-2
- EarthCARE
- MetOp-SG-A
- Sentinel-1A/B/C/D
- Sentinel-2A/B
- Sentinel-3A/B
- Sentinel-5P
- Sentinel-6A/B
- SMOS

The EOMER distribution package includes example mission configuration files for the following not yet operational satellite missions:

- CHIME
- CMIR
- CO2M
- CRISTAL
- FLEX
- FORUM
- LSTM
- MetOp-SG-B
- ROSE-L

The supported mission files (satellite file and associated data) can be updated from time to time and manually downloaded by triggering the check for new mission updates menu option (“Edit —> Properties —> Satellites —> Files —> Download new configurations”). The check is also triggered by default at start-up and a message shown in a new configuration is available.

Alternatively, the latest Orbit Scenario Files (OSF) or Predicted Orbit Files (POF), and Swath Definition Files (SDF) for the supported missions can be

found in the EOP System Support web server under the link [Mission Data](#)

Known Problems

The current EOMER release has no known issues.

Limitation: Orbit and Sensor Wizards not available in public release, only pre-configured missions can be used (with the possibility to load additional orbit files).

Further Information

For more details, please have a look to the EOMER Help embedded in the application.

Contact

For questions, suggestions or reporting issues, please send an e-mail to the EOMER Helpdesk:
eop-cfi.support.tools@esa.int