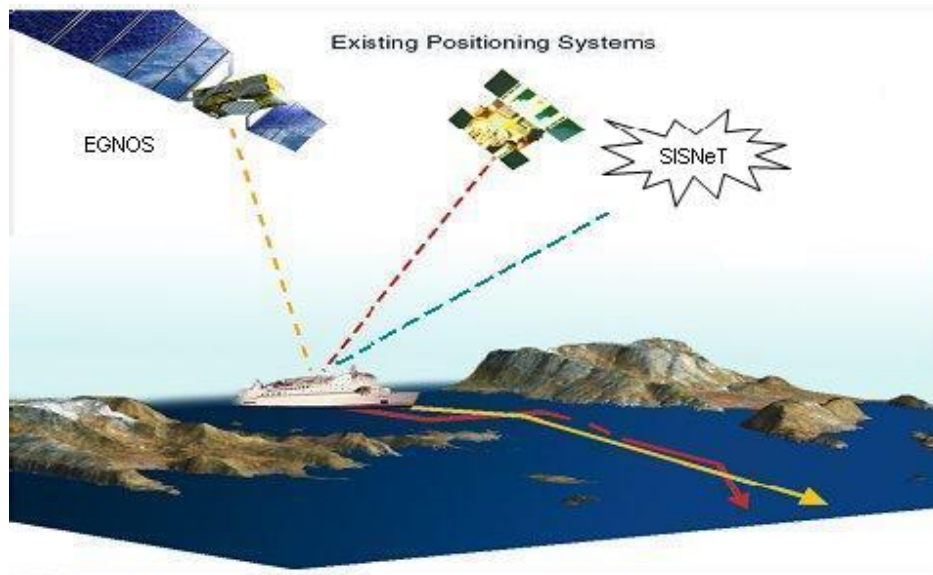


EGNOS Performance In South Latitudes

The European Space Agency in the framework of the development of EGNOS and in future GALILEO, the European Navigation Satellite Systems, assigned GEOTOPOS S.A. the EPISOL project, "EGNOS performance evaluation in South Latitudes", across the Aegean Sea. The project is funded by ESA - Greece Task Force (1st Call for Ideas).

EGNOS (European Geostationary Navigation Overlay Service) is a Satellite Based Augmentation System of which its three geostationary satellites provide the information needed to use GPS signals in order to improve the absolute positioning accuracy to less than 2 meters.



The objectives of the project are:

- Data Collection Sessions (both dynamic and static) along commercial vessel routes of Greek maritime companies, towards the most popular Aegean Island destinations.
- Data post processing and analysis (of position and range domain) in order to evaluate EGNOS performance for the improvement of the given navigation accuracy and conformity to IMO requirements.

EPISOL is divided in two phases:

- Phase 1: before the implementation of Athens RIMS,
- Phase 2: after the implementation of Athens RIMS.