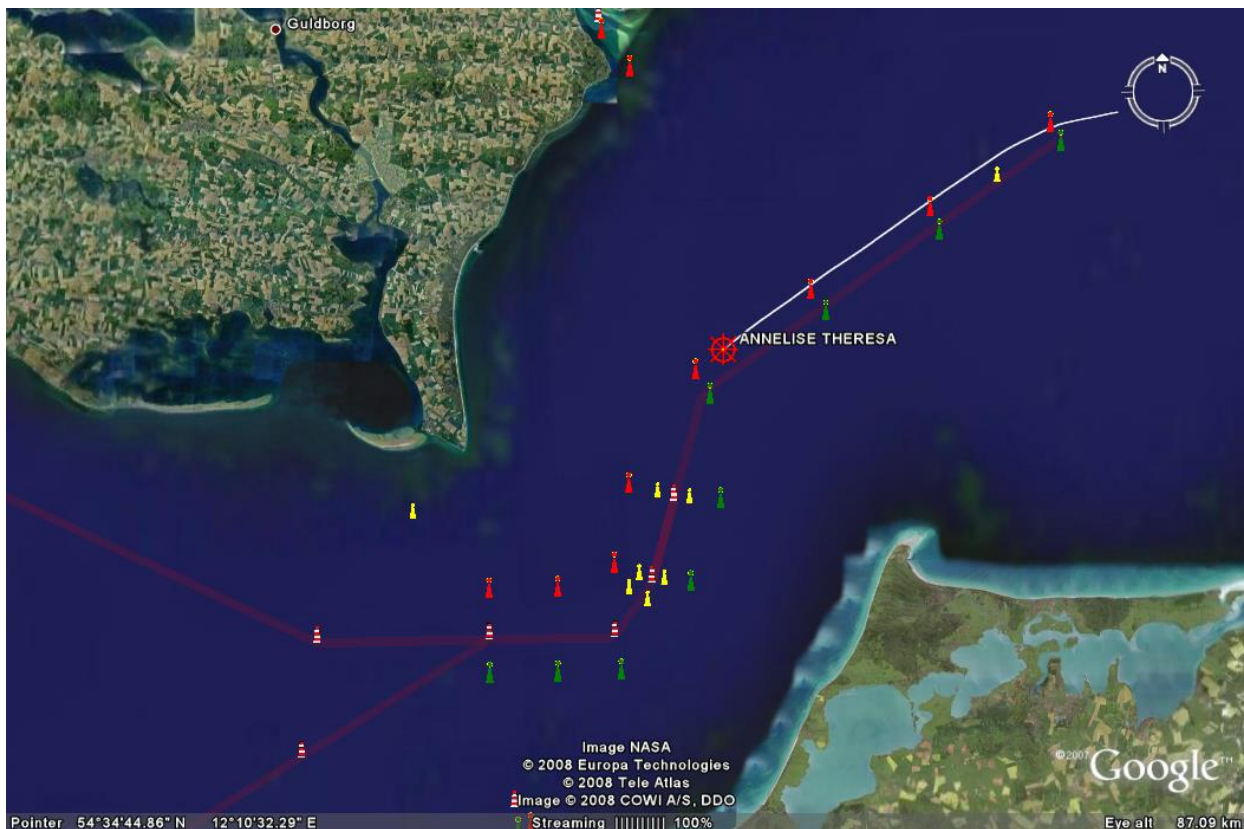


Real Time Ship Tracking Service



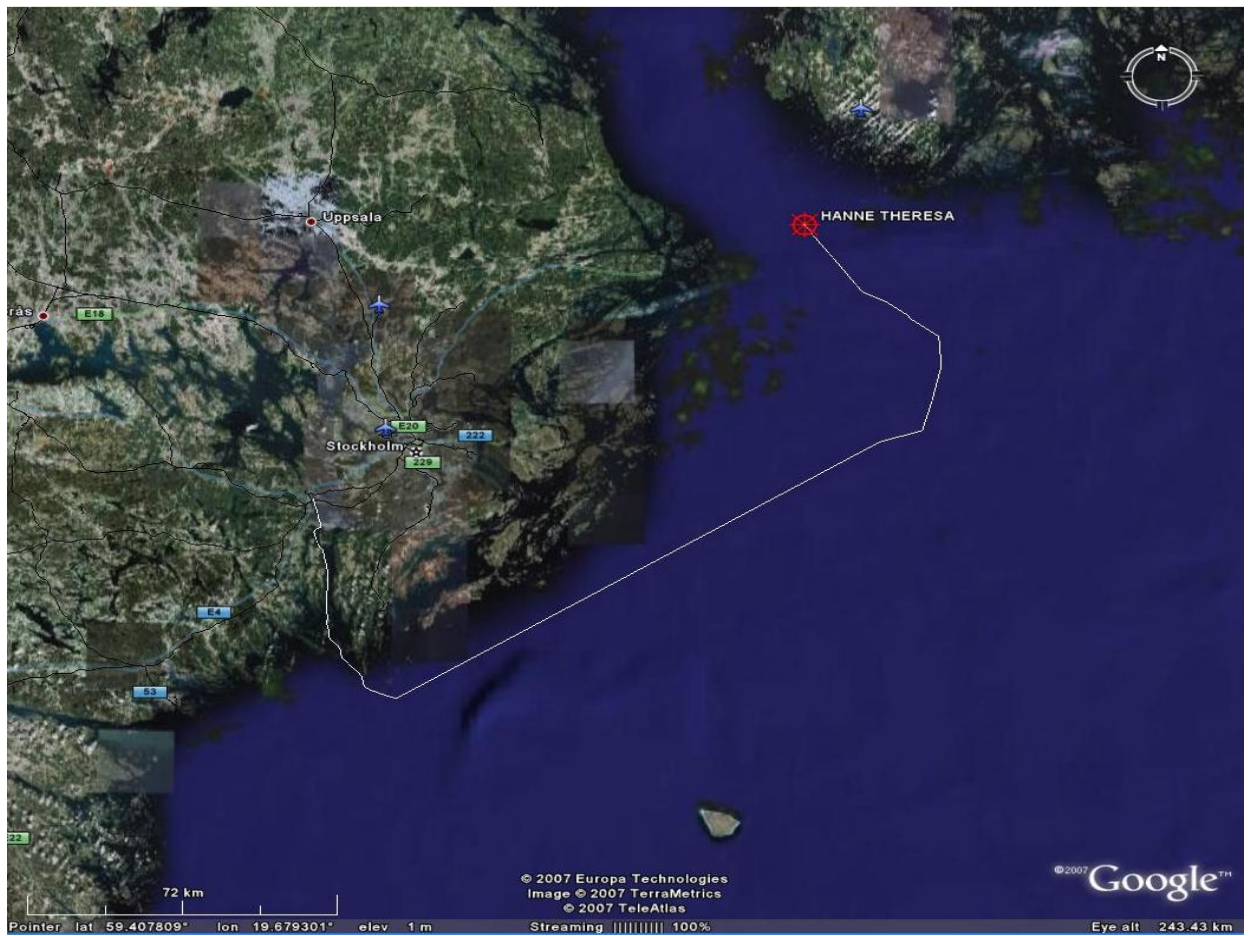
Ship tracking service using Google Earth

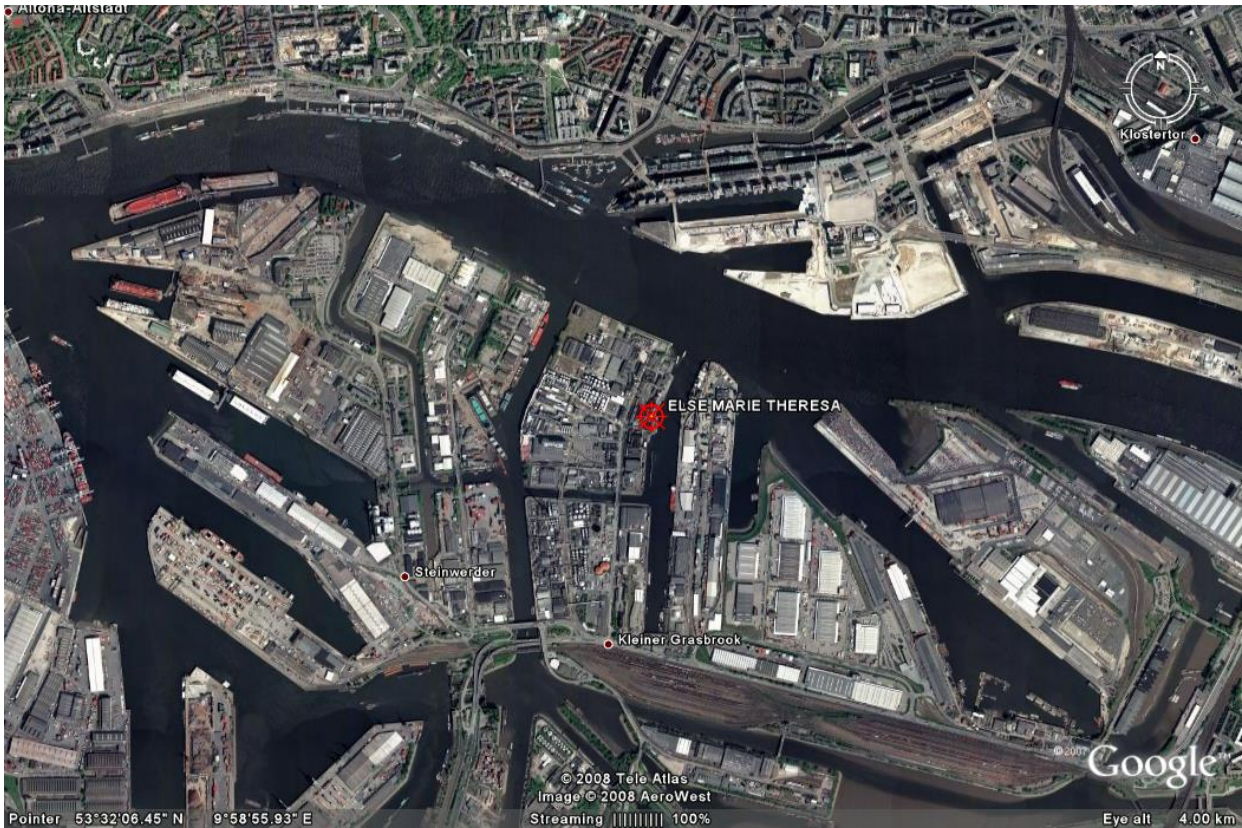


The SHIPPOS tracking system has been developed specifically for shipping companies, offshore support & oil exploration companies and coastal fleet operators to track powered and unpowered fleets.

SHIPPOS tracking system is a web-based service that provides an effective way of automatically tracking and managing vessels in real time.

Access from Google Earth is controlled by a password protection scheme, which is administrated through a web interface, meaning that access to 1 or more ships can be given on an individual basis to individual costumers, controlled by who has the access codes for the to the web interface.



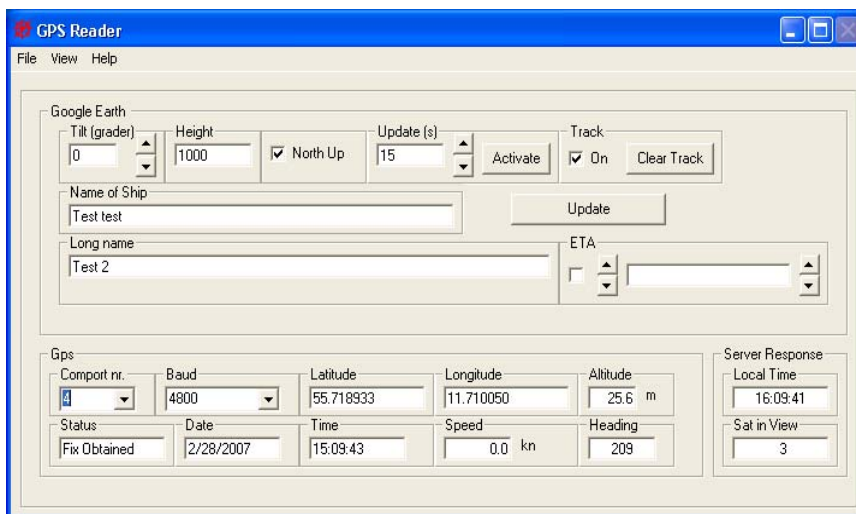


Requirements for using the service;

Onboard: a pc with an attached gps, and an Internet connection and our program GPS reader.

Onshore: A license to access the service,

Access from Google Earth¹ is controlled by a password protection scheme, which is administrated through a web interface, meaning that access to 1 or more ships can be given on an individual basis to individual costumers, controlled by who has the access codes for the to the web interface.



Interface software developed by Maritim Informatik og Teknologi²

¹ Use of Google Earth for professional use requires a license to GE pro.



PRICE STRUCTURE

Item	Euro
Implementing, setting up all required software & creating the dedicated web page (per individual asset).	300 ³
Monthly Service Fee (per individual asset) - this includes 24 hrs. Real time tracking and hosting the SHIPPOS applet.	40 ²
Home office for company address setup in Google Earth, with contact information (one time fee)	Free ²

² Example interface may be adjusted based on customer needs

³ Fee will be adjusted on a yearly basis

Real Time Ship Tracking Service



STEEN WEBER

steen.weber@shippos.dk

Education/training: M.Sc. 1972 (Elec. Eng.) PhD. in reactor physics 1974

Several years of experience in development and evaluation of user interfaces

Project leader for a huge number of European research project: 1985-2008

Current activities:

Virtualis: EU project, Budget 15M EUR. Development of an integrated approach to safety in the process industry, using virtual reality as a mediator for extracting human error probabilities.

MIT: Development of software for real time tracking services in the automotive industry



TORBEN MEIRUM

TM@SHIPPOS.DK

**Education/training: The
Master's Examination
Master Mariner 1992-2002**

- 🕒 Certificate of education in Bridge Team Management
- 🕒 Certificate of education in Dangerous Goods
- 🕒 Certificate of education in use of ARPA
- 🕒 Certified in use of ECDIS systems
- 🕒 GMDSS general operator's certificate
- 🕒 Maritime medical care certificate
- 🕒 Certified as Ships Security Officer according to IPPS regulation
- 🕒 Certificate of Chemical Tanker specialized training
- 🕒 Follow-Up course for senior officers in chemical tankers
- 🕒 Certificate of Oil- gas and chemical tanker specialized training
- 🕒 Certificate of Oil tanker specialized training

1999-2000 Implementation of QA and ISM systems on board various ships

2001-2003 Implementation of approved ECDIS system on board chemical tankers

Specialized education in safety management:

Verify and observe compliance with legislation, codes, standards and instructions, Implement and support Company policies and ensure responsible behavior on board. Analyze the SMS concerning its effectiveness and deviations. Register and analyze accidents and "near-miss" situations. Plan and organize the ship's preparedness in case of loss, damage or accident on board.

Specialized education in Crew resource management:

The manager's knowledge of personality and development, employees qualifications and education. Ethics, values and social action. Personal and professional development. Conflicts and how to handle such. Management in crises and in emergency- and distress situations.

Specialized education in management maintenance: Measure of vibrations, non destructive examination, strategies of maintenance, standard for maintenance, key figures, benchmarking, finances, life cycle cost, reliability and availability, docking and repair. Reliability centered maintenance, total productive maintenance, requirements from classification companies, insurance and authorities. Control of resources and report of condition. Preparation of docking specifications. Inspection, verification and testing during docking operations. Contact to yard and other authorities.

Specialized education in management of operations: Main categories of running costs, cost control. Company and vessel accounts, incl. company earning capacity, profitableness, liquidity and solvency. Budgets as a means of control. The freight market. Quality assurance incl. common standards also in relation to environmental protection. Local, national environmental regulations. Vessels environmental reports. Project and process management, logistics. Company organization incl. management processes and influence of corporate culture. Interplay between departments, functions, persons and groups of persons in companies, esp. in shipping companies and on board ships. Formal co-operation with interested partners and organisations.