

Press Release

HPA Contributes to a EU Research Project

Improved Nautical Chart for Manoeuvring in Ports

Hamburg, August 27, 2009 - The Hamburg Port Authority presents the enhanced electronic nautical chart PortECDIS (Electronic Chart Display and Information System) for the Port of Hamburg. The highly accurate chart material was developed within the EU Project EFFORTS (EFFective Operations in poRTS). Contrary to the SeaECDIS, in the PortECDIS a large number of port-specific features are shown; also, for the first time a three-dimensional representation of depth information became possible.

The three dimensional representation allows now a much more accurate specification and execution of dredging and other port construction works. The enlarged information content of the PortECDIS has been used in the development of a Portable Pilot Unit that allows the pilot, the bridge team of the large vessel and the tug masters to obtain an accurate overview of the work situation during port-specific manoeuvring activities. The research results of the PortECDIS have also been used in the further development of a simulator for tug masters' training.

On Tuesday, 15 September, the results of the research area „Navigation in Ports“ of the EFFORTS Project will be presented by HPA to the professional community.

**Journalists and Media Representatives are invited to a Press Conference
on Monday, September 14th from 10:00 to 12:00 hours
to the Hamburg Port Authority, Neuer Wandrahm, Main Meeting Hall
as well as to a demonstration tour by a harbour launch
from 17:00 to 20:00 hours on the same day**

Dieter Seefeld, Head of the Survey and Hydrographic Department of HPA and **Professor Jens Froese**, Project Manager of EFFORTS, Director of ISSUS Maritime Logistics of the Technical University of Hamburg will present the main results and are available for further information.

During the press conference, it will be possible to test the tug boat simulator that was developed on the basis of the research results of the PortECDIS and to virtually navigate a tug. The Portable Pilot Unit will be presented during a trip through the port on a harbour

launch. Please inform the pressestelle@hpa.hamburg.de until 8st September 2009 about your participation at the press conference and/or the port tour.

Background Information:

EU-Project EFFORTS



For more than three years 37 partners from all over Europe worked within the EFFORTS Project to make procedures in ports more effective. The results of this work are meant to strengthen the competitiveness of EU ports. The following specific topics were approached:

- Navigation in Ports
- Ports and Environment
- Port Operations

as well as the cross-sectional topic

- Training, Education and Human Resources Development.

Further information can be obtained under: www.efforts-project.org

Press Contact:

Manuela Stiebe
Hamburg Port Authority
Press assistant
Neuer Wandrahm 4
20457 Hamburg, Germany

Fon: +49 40 428 47 23 01

Mail: manuela.stiebe@hpa.hamburg.de

Capt. Wolfhard H Artt
Hamburg Port Training Institute
Übersee-Zentrum, Schumacherwerder
20457 Hamburg, Germany
Fon: +49 40 78 87 81 78
Mail: wolfhard.artt@hpti.de