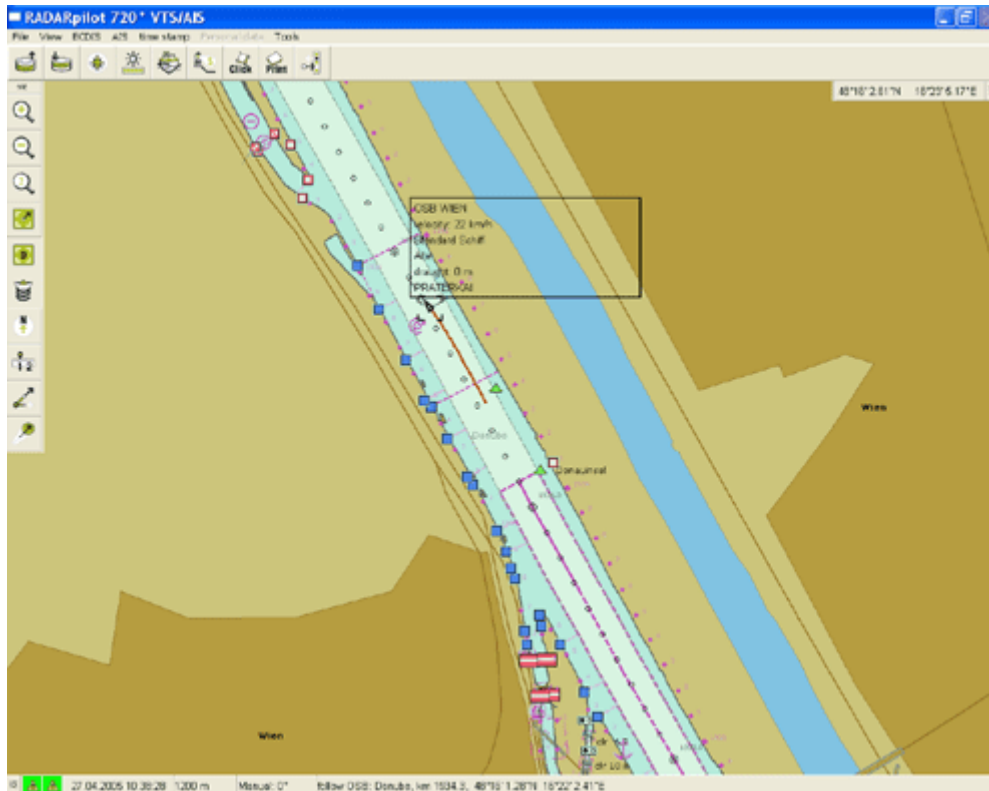


Delivery of RADAR*pilot720*^oVTS/AIS for the project DoRIS

FREQUENTIS GmbH relies on software of in-innovative navigation GmbH for this pilot project.



In spring 2005, in-innovative navigation GmbH delivered system components for the second phase of the project DoRIS (**Donau River Information Services**). RADAR*pilot720*^oVTS/AIS is put into operation as surveillance system of the entire course of the Danube in Austria, after successfully testing and optimising the system near Vienna, between the locks of Freudenu and Greifenstein.

In collaboration with the Supreme Shipping Authority (Oberste Schifffahrtsbehörde) via donau worked out the concept for the Danube River Information Services. The Austrian company FREQUENTIS GmbH was awarded the contract for the implementation.

in-innovative navigation GmbH delivers the software modules for processing - acquisition, storage and replay -of the AIS data as well as the display of the tactical traffic image. The vessels are displayed on an Electronic Chart Display (ECDIS) as icons. Furthermore, functionality concerning border control and customs clearance is implemented.

The use of RADAR*pilot720*^o VTS/AIS allows displaying all of the information coming from transponders installed on each ship and received by the base stations in the traffic centre. The desired sector of the river can be centered on the screen and displayed in a suited range.

Data such as the ship's name and type, dimension of the convoy, draught, position, speed etc. as well as information on hazardous goods transports is captured and automatically processed. Ships are shown on the digital map as icons and the relevant data can be viewed by clicking on

the icon. Besides the static data, safety related messages can be transmitted. The system offers efficient support for tasks carried out by public authorities such as traffic control and traffic flow management, border control and customs clearance through the use of modern technologies.

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The user interface is self-evident organized and allows to save and reload individually defined configurations of the display options like chart, range and brightness. The interface is available in four languages and toolbars provide fast access to the functions.

All of the information received is stored centrally, can be marked with time stamps and is made available to external users in accordance with their access rights. If necessary, traffic data can be called up at any time, for example, for reconstructing accidents or for statistical purposes.

about in-innovative navigation GmbH:

Following a modular conception, in-innovative navigation GmbH provides customized software solutions, which can be applied in all areas of navigation, telematics and traffic surveillance. in-innovative navigation GmbH is market-leading with software integrating all information from radar, GPS, AIS on an electronic ECDIS chart display. inDTS and RADARpilot720° are the powerful display applications from in-innovative navigation GmbH for traffic monitoring in use either in VTS centers and coastal surveillance systems or in integrated navigation systems.

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08.05.2005