

**Joint Pilot Project for integration
of
AIS and ECDIS**



HYDROGRAPHIC DEPARTMENT



Objective

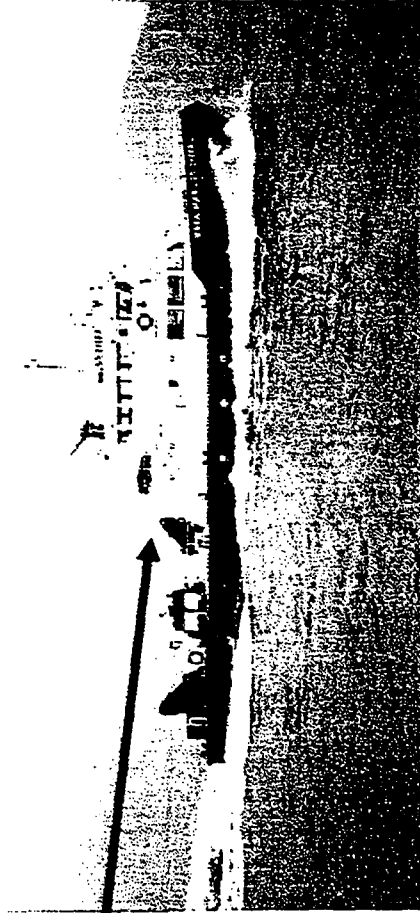
- **to gain technical and operational experience in the integration of an AIS and ECDIS ;**
- **to evaluate the display of AIS data on the ECDIS; and**
- **to test and evaluate the AIS functionality on an ECDIS.**

Parties Involved

- **Maritime and Port Authority of Singapore (MPA).**
- **Korea Research Institute of Ships and Ocean Engineering.**
- **FGAN, Department of Ergonomics and Information Systems, Germany.**
- **SevenCs GmbH.**
- **Saab Transponder Tech**
- **Norcontrol IT AS**

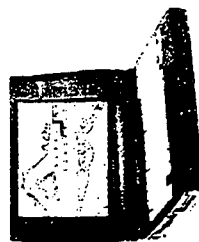
Criteria for the selection of vessels for participation

Vessels must be equipped with ECDIS and AIS,
where possible ARPA information.



Implementation Schedule

- Testbed I (October 2000 to April 2001)
 - Installation and testing of integrated AIS and ECDIS onboard three MPA vessels.
- Testbed II (February 2001 to December 2001)
 - Installation onboard vessels plying international and regional shipping routes, in particular SHARED programme vessels.



Important Issues to be addressed

- **What are the effects on type-approved equipment ?**
- **Is ARPA or AIS the primary data to be used for processing and display ?**
- **How does AIS data display affect ECDIS display ?**

Deliverables

Report on the joint pilot project highlighting the following areas:

- **integration of an AIS and ECDIS;**
- **display of AIS data on the ECDIS; and**
- **AIS functionality on an ECDIS**