

EDINNA

UNECE Working Party on the Standardization of Technical Safety Requirements in Inland Navigation

4 June 2009



Education
In Inland
Navigation



CCNR Round Table 17-06-08



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Memory of Understanding



15 EU Inland Shipping Schools signed the MOU at
Strasbourg

STC - Rotterdam 04-02-2009

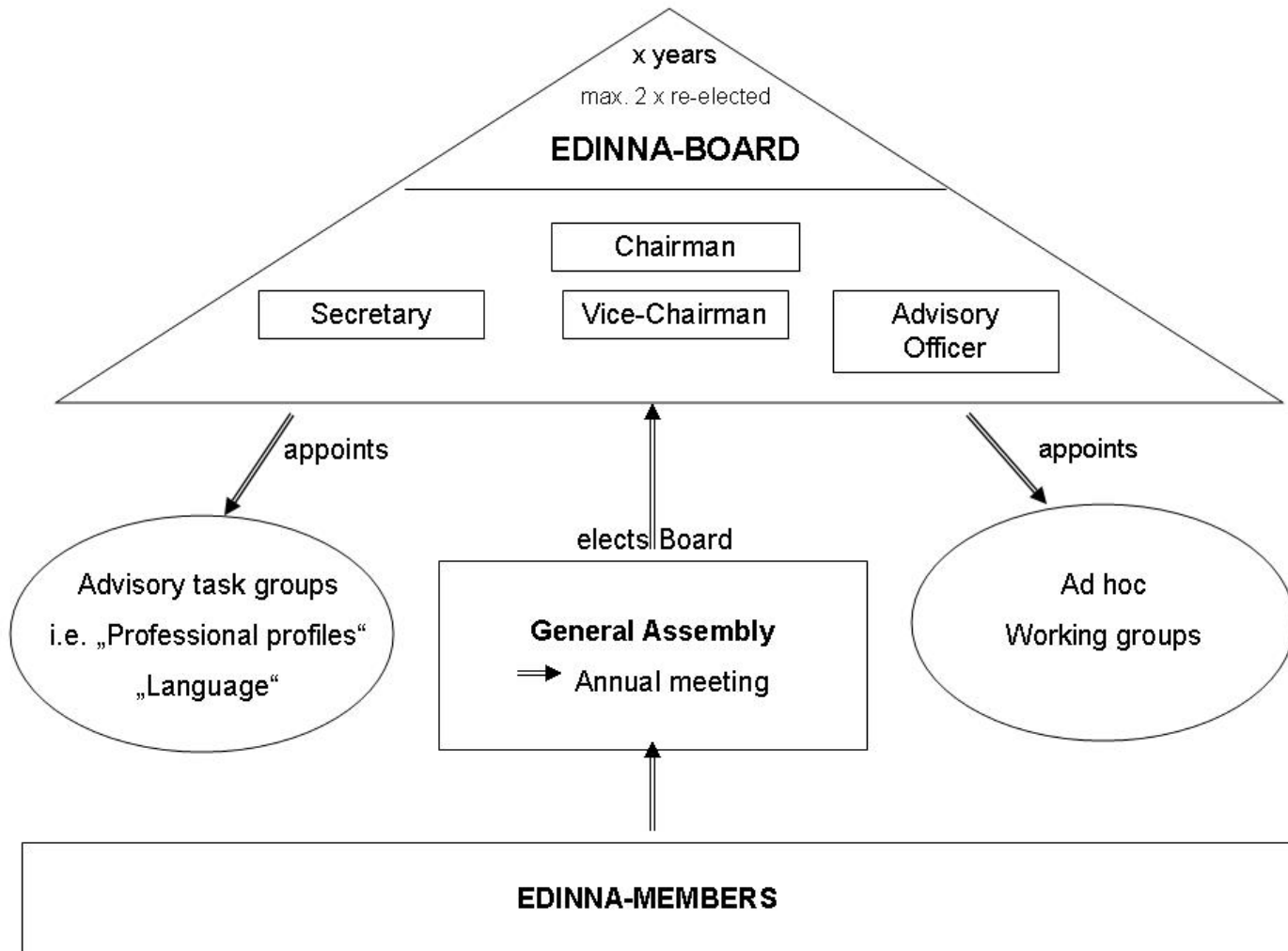


First Formation and Assembly meeting

20 EU Inland Navigation Schools Member of Edinna

EDucation in Inland Navigation

20 IWT Education Institutes

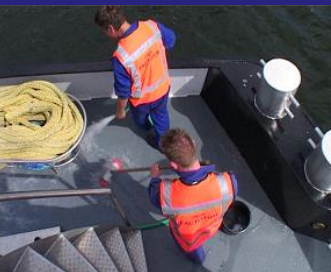


Board of Edinna

- Chairman – Mr. Arjen Mintjes
- Vice Chairman – Mr. Hans Gunter Portmann
- Secretary – Treasurer - Mr. Rob van Reem
- Advisory Officer – Mr. Mihai Ghiba
- Advisory Officer – Mrs. Diona Munteanu



Schiffer-
Berufskolleg
RHEIN



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Edinna working plan

- Cooperation on the subject EU harmonisation of inland navigation education and training.
- Development of the Standards of Training and Certification Inland Navigation (STCIN)
- Cooperation on the subject communication and language in navigation on inland waterways
- Development of Edinna website
- Development of exchange programmes

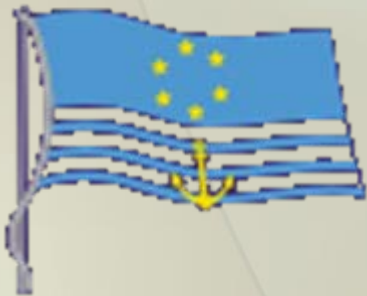


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STCIN

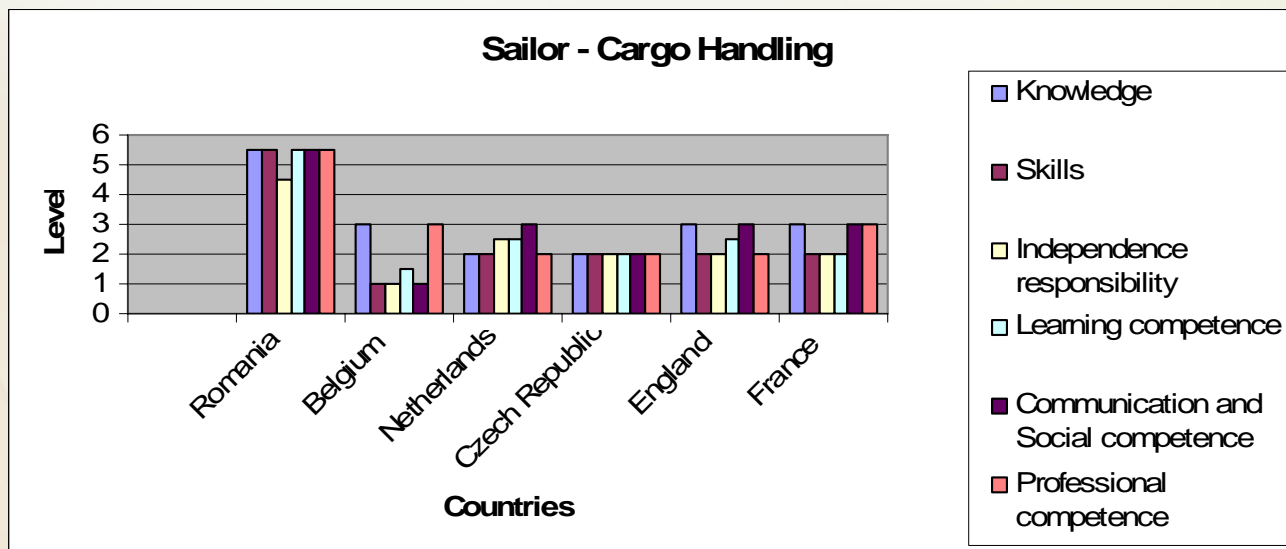
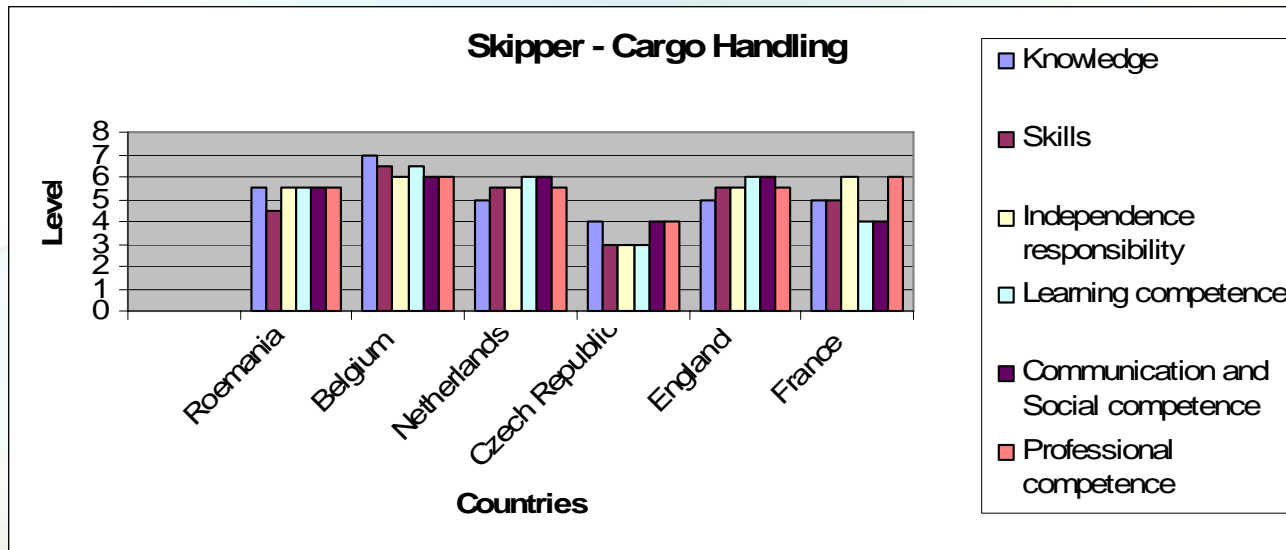
Standards of Training and Certification for personnel in Inland Navigation



Introduction

- There is no level playing field with respect to education, training and certification on European Inland Waterways.

Differences



Reasons for revision

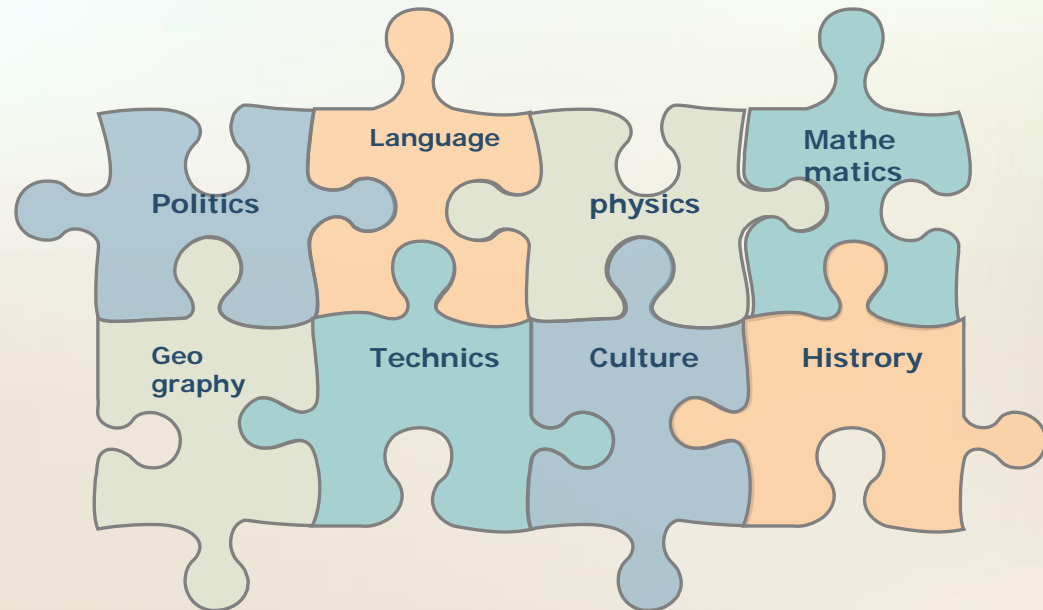
- No uniform standards of competence
- Just national control on the implementation of the standards by IWT countries.
- No control on national curricula of move up qualifications to higher education levels.

Reasons for revision

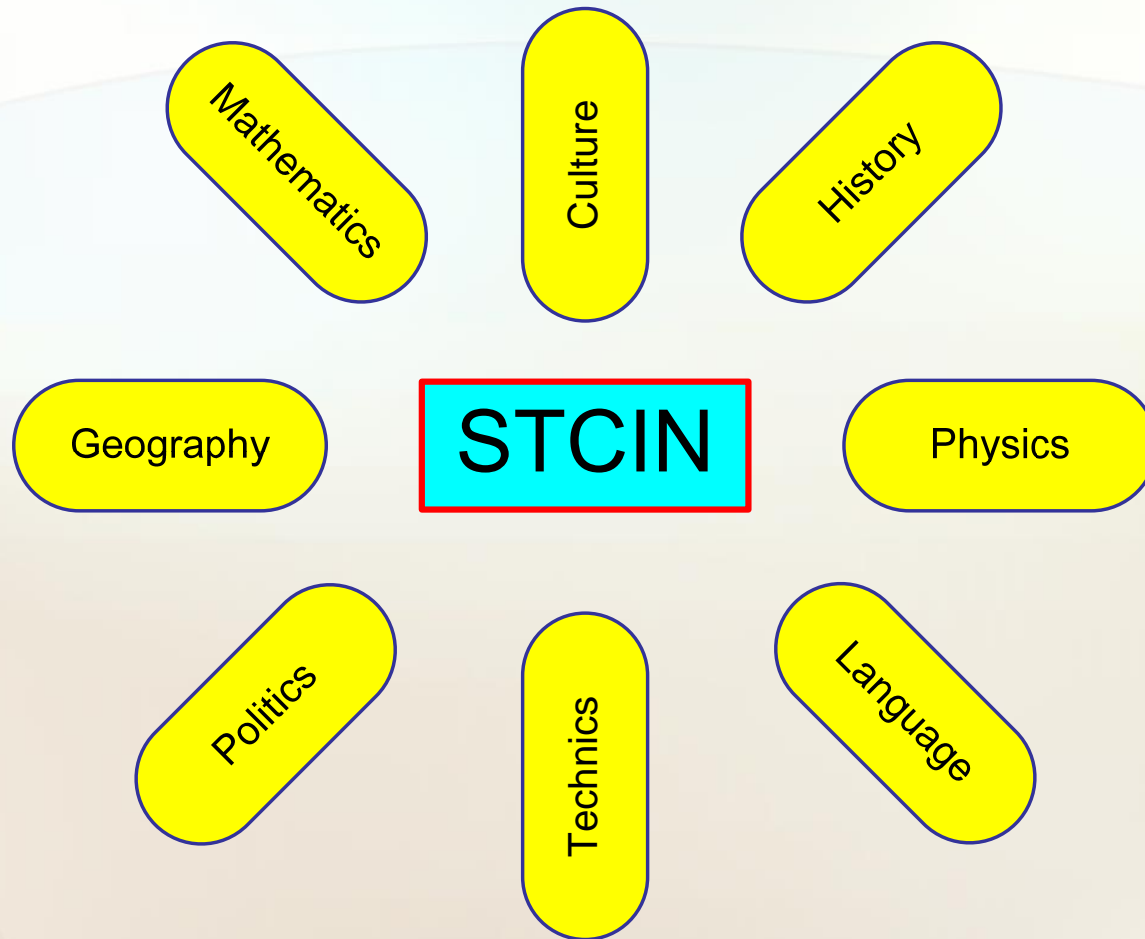
- Modernisation should be the lead in flexible legislation
- Only the boat master license described
- Recognition of certificates does not lead to a harmonised system of education and training for inland waterway personnel
- Strategy for harmonisation.

Vocational education

- Comparison on national level difficult because of various training programmes
- Vocational training connected to national legislations



STCIN integrated in education



Proposed solution

- Development of a new document, “Standards of Training and Certification for personnel in Inland Navigation” (STCIN)
- In addition each country can apply their own national curriculum and use both in vocational education and training.

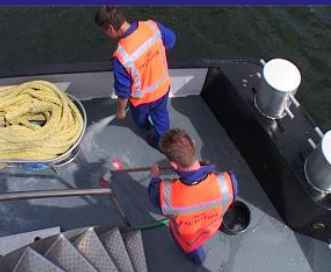
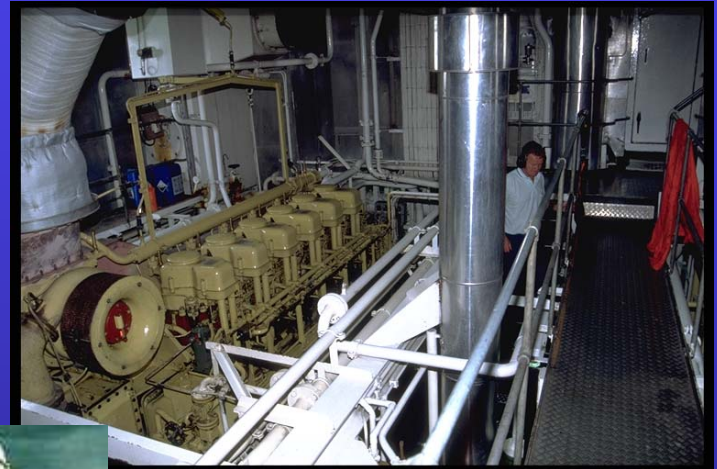
Proposed solution

- Administrations demanding knowledge of conditions for navigation on specific river stretches can apply this within an apart chapter of the document
- Based on crewmembers deck and engine department enabling to choose for separated or integrated education and training

Aims for improvement

- To clarify the skills and competence required taking into account modern training methods.
- To enable Administrations to maintain direct control over and endorse the qualifications.
- To have the amendments into force with the least possible delay

Competences operational level



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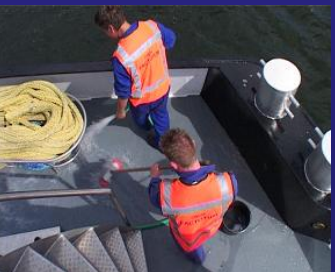
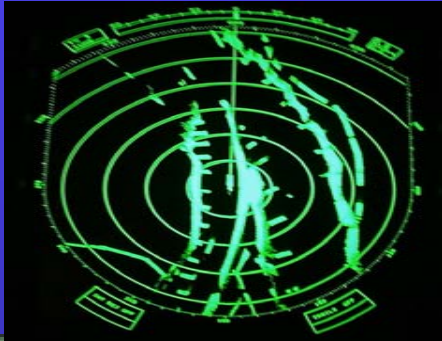


Standards operational level

Deckhand/Sailor and prerequisite for management level

- Safety
- Navigation
- Cargo Handling and stowage
- Controlling the operation of the ship
- Marine engineering
- Electrical ,electronic and control Engineering

Competences management level



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Standards (general) management level (Master IWT)

- Safety
- Navigation
- Cargo Handling and stowage
- Controlling the operation of the ship
- Marine engineering
- Electrical ,electronic and control Engineering

Supplements

- Dangerous goods - ADN(R) N-C-G
- Entrepreneur
- Crisis-Crowd Management (Passenger)

Format Competences

COMPETENCE	KNOWLEDGE, UNDERSTANDING & PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
		<ul style="list-style-type: none">• APPROVED IN SERVICE EXPERIENCE• APPROVED TRAINING SHIP EXPERIENCE• APPROVED SIMULATOR TRAINING• APPROVED LABORATORY EQUIPMENT TRAINING	

Competence

Knowledge &
understanding

Think

Do

Skills

Values &
Motivation

want

Being

Attitude &
Character



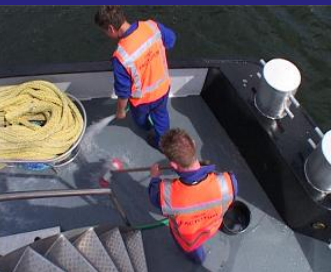
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Practical Training Terminal Operations



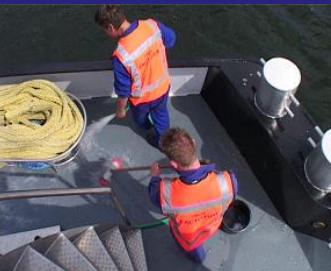
Hear and forget
See and remember
Do and understand



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Training Radar Navigation



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Training communication



At school



At the training ship



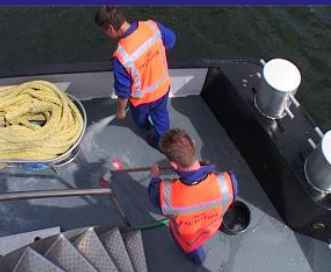
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Training Logistics



Logistic chain simulator



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Training Navigation Simulator



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Training Daily Environment



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Training Engineering



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Mandatory practical sailing time.

- Modern training facilities such as simulators can be implemented in the education and training system.
- Shorter mandatory practical sailing time.

Advantages

- Equal level of professional competences.
- Applicable in vocational education as well as in adult training courses.
- No discussion on national move up qualifications to higher education levels.
- Recognition only on professional competence level.
- Possibilities of exchange knowledge between IWT education and training institutes

Advantages

- Enables separation between deck and engine room functions as well as integrated functions.
- Enables procedures with earlier obtained competences and/or assessments.
- Certification and licences exchangeable.

Edinna Partnership meetings

- September 2009 week 39 Duisburg
- April 2010 week 17 INSI, Mont Saint Aignan
- June 2010 week 25 IMST, Craiova
- September 2010 week 39 Zespol, Naklo nad Notecia
- April 2011 week 17 Wenen
- June 2011 week 25 Maritieme Academie Harlingen



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Thank You

- Questions

