



TRANSAS SIMULATION

MUF-CONFERENCE **2008**

ECDIS-training needs

ECDIS will be mandatory on newbuildings:

- Passenger ships 500 tons and above
- Tankers 3000 tons and above

Will there be a training need?



ECDIS-training needs

ECDIS will be a part of revised STCW-convention:

- More than 250 000 officers
- Re-certification every fifth year

Will there be a training need?
YES



ECDIS Configuration in NT PRO

ECDIS training according to IMO Model Course 1.27

- Based on real, type-approved Transas Navi-Sailor ECDIS system.
- Optimizing ECDIS
- System integration knowledge:
 - Sensors,
 - ARPA,
 - Radar overlay,
 - AIS interface,
 - Built-in databases on tides and currents.
- Chart Operations
- Voyage planning
- Alarm handling
- Setting faults/errors on sensors



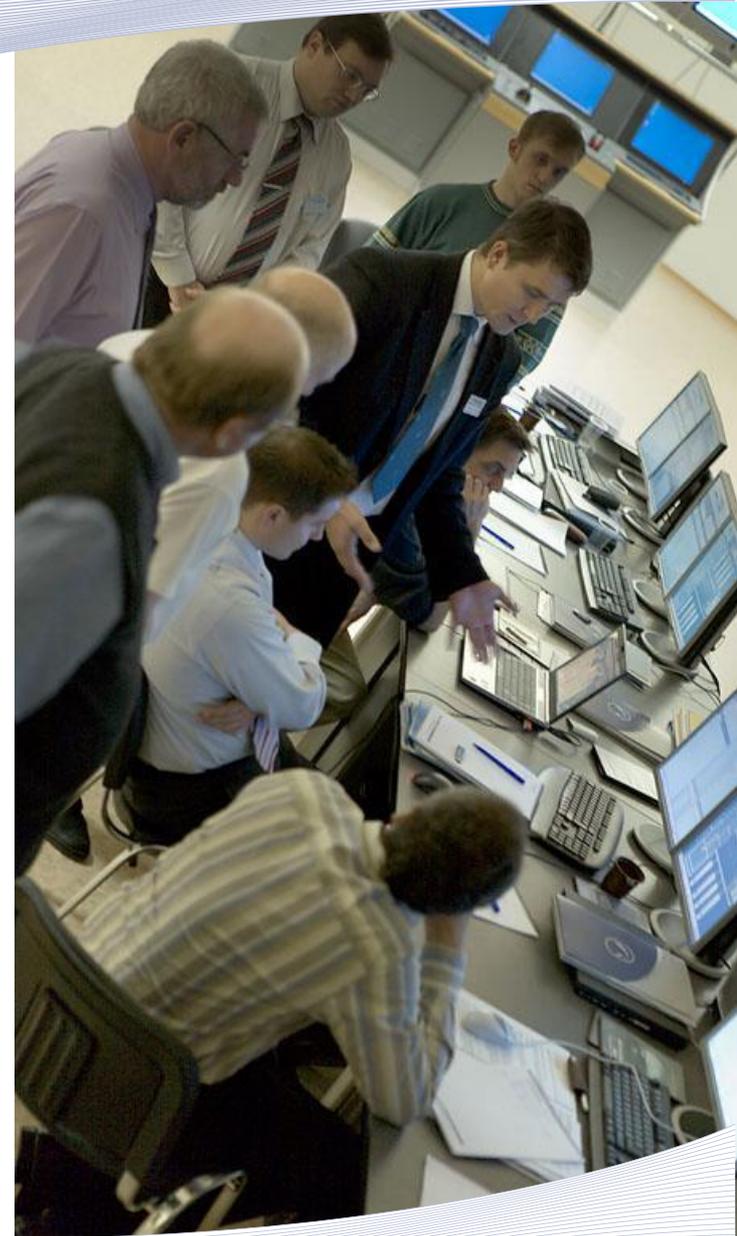
ECDIS Training

E-training concept

Divide training in two parts:

1. Theoretical part (~20h)
 - Done remotely over internet
2. Simulator part (~16h)

Web-based course material will be
DNV-certified during 2009



ECDIS Training

Full spectre of configurations can be offered

CBT-solutions

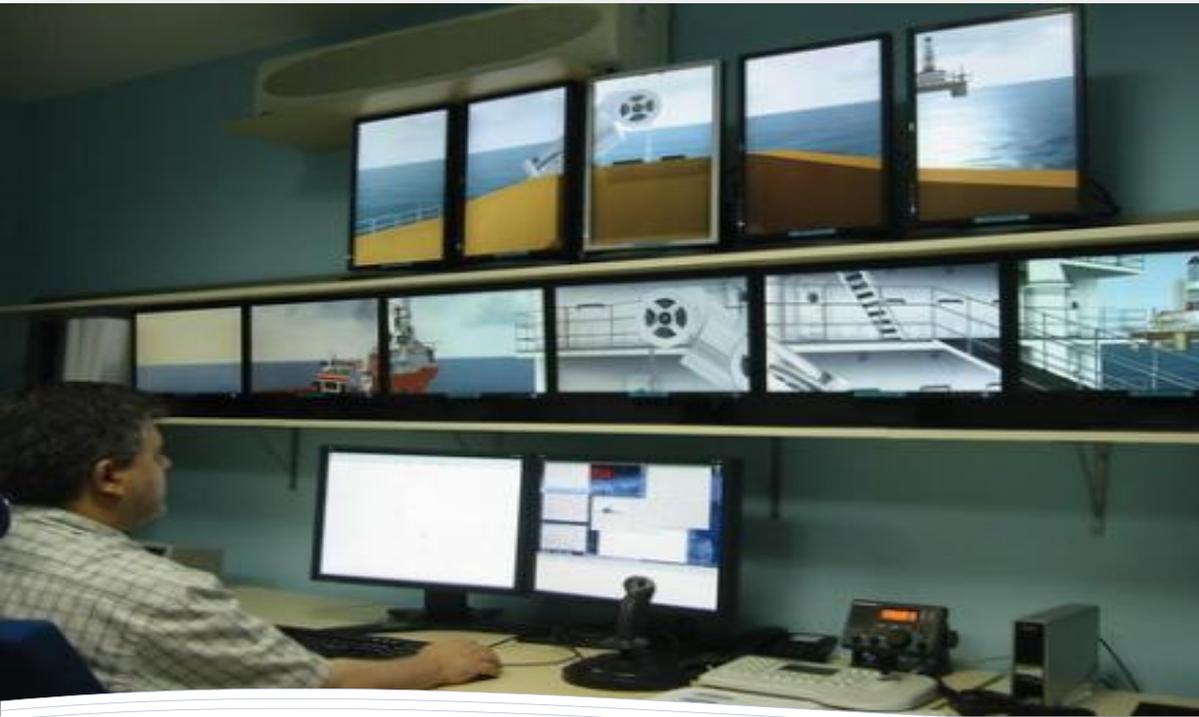
Networked classrooms

Fully Integrated bridges



TRAIN THE TRAINER

Instructor and Operator training Courses



TRAIN THE TRAINER

Instructor training

Three phases:

1. Identify training need
2. Instructor training workshop covering:
 - Planning stage
 - Briefing
 - Execution
 - Debriefing
3. Follow up result

Suitable for instructors regardless simulator brand!

Transas uses SAS instructor trainers with extensive experience from both maritime and aviation sector



TRAIN THE TRAINER

Simulator Operator training

Objectives:

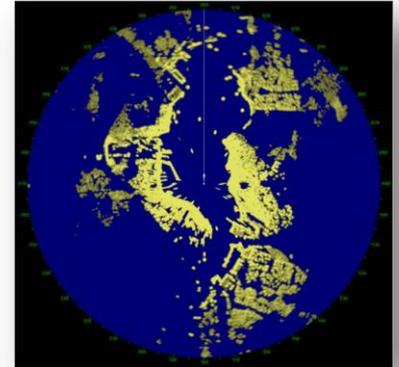
- Use your simulator to its potential
- Minimize operator workload
- Exchanging experiences among Scandinavian Transas simulator users

Can be offered for any Transas simulator product



What's new?

- New radar algorithm
- Crane Simulator
- Enhanced visual effects
- Several new visual areas and ship models in NT Pro, ERS and LCHS



LEADING THE MARKET



TRAIN WELL – STAY SAFE