



RO MONITORING

ORGANISATION, DEPLOYMENT AND EXPERIENCES

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DANISH MARITIME AUTHORITY

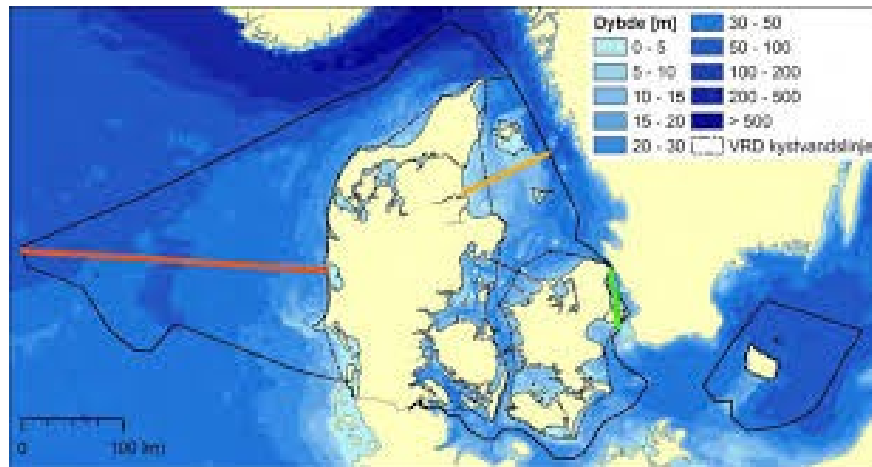
DMA RO MONITORING

Contents of intervention:

- Our context: The Danish fleet, the DMA and cooperation with ROs
- Purpose and legal obligations
- DMA Monitoring of RO Performance
 - Monitoring programme - organisation and setup
 - Deployment in practice
- Our experiences in general
- Practical case: MLC certification

DANISH SHIPPING AND THE DMA

Denmark: Flag State and Coastal State interests



The DMA – Short intro

DANISH SHIPPING AND THE DMA

Danish ships – main types and segments:

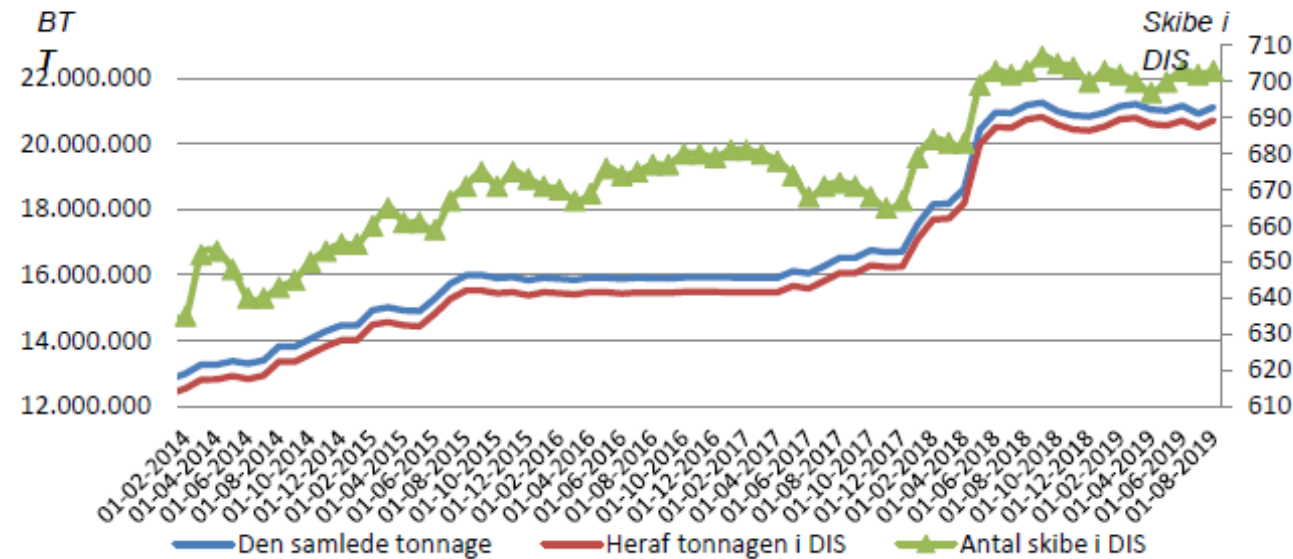
- *Container ships*
- *Tankers*
- *Supply and service vessels*

- *RoRo Passenger ships*

DANISH SHIPPING AND THE DMA

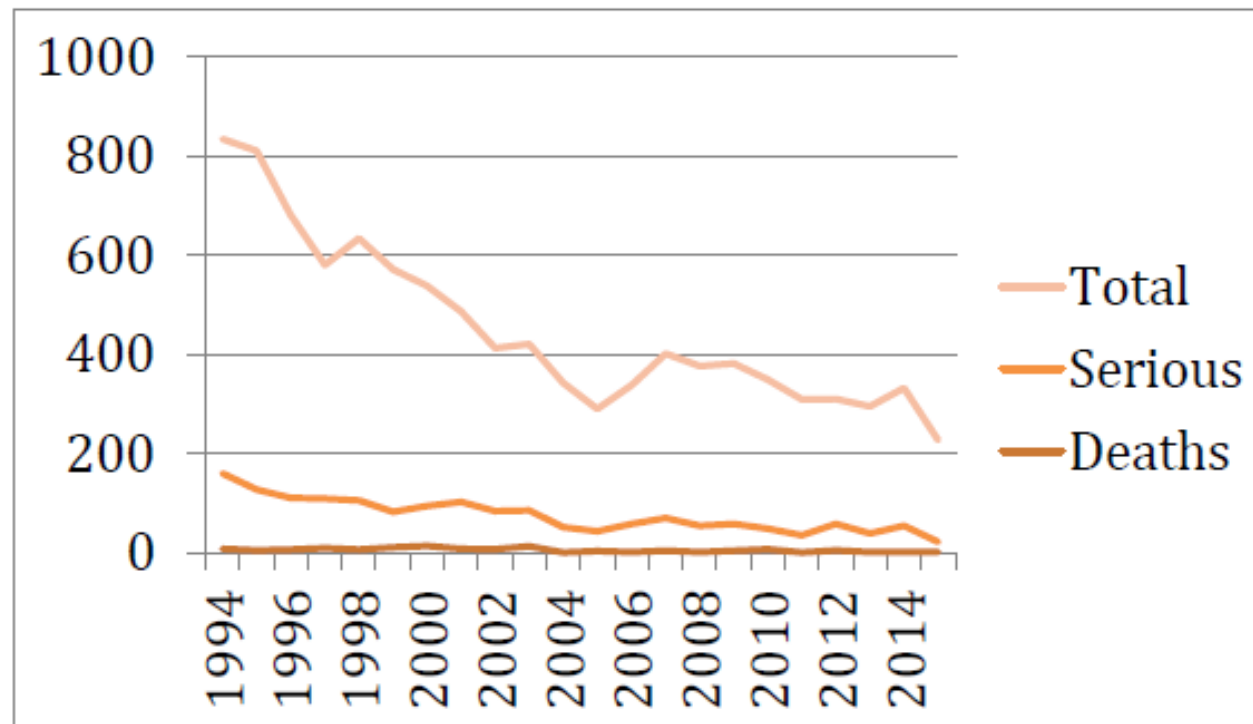
DEVELOPMENT – DIS FLEET 2014-2019

Figur 10 Udviklingen i tonnage og antal skibe registreret under dansk flag, 2014-2019



DANISH SHIPPING AND THE DMA

DANISH FLEET - SAFETY



Source: Danish Maritime Authority

DANISH SHIPPING AND THE DMA

DANISH FLEET - PSC

Good PSC performance is imperative

- Numerous activities initiated – also involving ROs
- Detentions 2019 YTD:
 - *Paris MoU:* 2
 - *USCG:* 0
 - *Tokyo MoU:* 1

DANISH SHIPPING AND THE DMA

DMA Flag State inspection programme

- *DMA responsible for all surveys according to International, EU and national instruments*
- *Promoting quality shipping: Framework, safety, occupational health, environment*
- *Reactive inspections: Accidents, detentions, additional ISM Audits etc.*
- *Proactive surveys:*
 - *Supervision surveys*
 - *Campaign inspections*
- *Proactive improvement of PSC performance*

DANISH SHIPPING, THE DMA - & THE RO'S

ROs shall assist DMA in deployment of flag State inspection programme

- Ensure compliance with statutory reqs (Compliance/certification surveys)
- To react and contribute to solve issues where indication of trouble
- Provide technical support to the DMA
- High degree of authorisation/delegation – ROs have a large role to play

Require strong and effective work relation with ROs
Continuous monitoring essential

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RO monitoring – Need and legal obligations

- Need is obvious
- Danish Public Accounts Committee: You must
- EU

2009/15/EC ARTICLE 9.1
MEMBER STATE MUST

Satisfy itself that the RO effectively carry
out its functions to the satisfaction of the
Member State

- IMO RO Code

DMA RO MONITORING

How do the DMA ensure that ROs act satisfactorily?

- *Organisation*
- *Deployment*
- *Experiences in general*
- *Practical case*

DMA RO MONITORING

Organisation within DMA:

Ship Survey division is responsible for oversight programme/performance monitoring

- **DMA RO Relations Team:**

- *DMA focal point for all RO related issues*
- *Consist of approx. 8 employees with different backgrounds*
- *Cooperate with ROs on day-to-day businesses*
- *Plan and carry out specific monitoring efforts*
- *Follow up on RO Performance monitoring*
- *Review oversight programme/performance monitoring arrangements by DMA*

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DMA oversight programme:

- *Monitoring during day-to-day businesses*
- *Monitoring during shipboard surveys (reactive surveys, supervision surveys)*
- *Periodical meetings - commonly and bilaterally*
- *Visits/audits at local RO premises in DK*
- *On-line monitoring (PSC statistics, certificates, reports etc.)*
- *Participation in RO Technical Committee meetings*
- *Wrap-up/analysis*
- *Continuous focus, annual conclusion*

DMA RO MONITORING

Day-to-day businesses:

- *RO Approval of newbuildings*
- *Requests for ships in operation*
- *Interpretations, equivalents, exemptions etc.*
- *Development projects (e-certificates etc.)*
- *Communication*
- *CION/EMSA inspections*

DMA RO MONITORING

Shipboard surveys:

- **Reactive surveys/audits**
 - Extraordinary control surveys and audits of ships/companies
 - *identified as high-risk.*
 - *as follow-up to detentions/serious deficiencies*
 - *as follow up to serious accidents*
- **Proactive surveys**
 - Supervision surveys
- **RO monitoring each time**

DMA RO MONITORING

Supervision surveys

- 60-80 surveys per year – approx. 10% of DIS fleet
- Survey approach is **supportive – not certification, not fault finding**
 - *No checklists – professional judgement*
 - *Walk around, observe*
 - *Talk to all crews*
 - *Get an idea of safety work on board*
 - *Go into more details if necessary*
 - Observations are not ends in themselves, but starting points for dialogue on safety as managed on board and by company
- **Primarily directed at ship/owner – but is RO monitoring also**

DMA RO MONITORING

Annual meetings

- ***With each individual RO***
 - *Free speech, no minutes*
 - *Specific questions etc.*
- ***Common with all RO's***
 - *More formal, minutes*
 - *Points of general interest*

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On-line monitoring

- **PSC statistics**
 - *Detentions, deficiencies, follow-up*
- **Certificates, survey reports**
 - *Prior to audits*

DMA RO MONITORING

Audits at RO premises locally:

- *Taking offset in*
 - *Observations and findings during day-to-day cases and surveys*
 - *Provisions of the Danish RO Agreement*
- *According to needs (at least every 4th year)*

DMA RO MONITORING

DMA RO monitoring do normally not concern:

- *The ROs general policies, organisation, quality system, competence of surveyors etc.*
 - *Or any other aspects covered by Regulation EC 391/2009 on common rules and standards for ship inspection and survey organisations, e.g.*
- *Auditing of RO head offices*

DMA RO MONITORING

Analysing data and wrapping up

- *For each RO:*
 - *Gathering data continuously - all activities*
 - *Analysing data – all activities*
 - *Wrapping up annually*

DMA RO MONITORING

10 ROs are authorised by the DMA

- 1. *ABS***
- 2. *BV***
- 3. *CCS***
- 4. *Class NK***
- 5. *DNV GL***
- 6. *KR***
- 7. *LR***
- 8. *PRS***
- 9. *RINA***
- 10. *IRS***

DMA RO MONITORING

Experiences – sum up:

- Most powerful to get insight
 - *Day-to-day businesses*
 - *On board surveys*
- Useful for cooperation
 - *Establishing effective work relations with ROs*
 - *Danish RO agreement provides clear instructions*
 - *Normally good cooperation in accordance with instructions*
 - *Relatively few negative cases*

DMA RO MONITORING

Experiences - sum up:

- **Challenges**
 - ***Resources, constraints***
 - Time consuming efforts
 - 10 ROs
 - Time constraints, multiple purposes of surveys etc., systematic follow-up
 - ***To get real "Value for money"***
 - Efforts can turn into pure bureaucratic exercises
 - Important to keep purpose in mind
 - ***Identifying trends***
 - Gathering and analysing data is time consuming and difficult
 - ***Wrapping up is a complex exercise - overview***

THANK YOU FOR
YOUR ATTENTION

