



EU Ship Recycling Regulation

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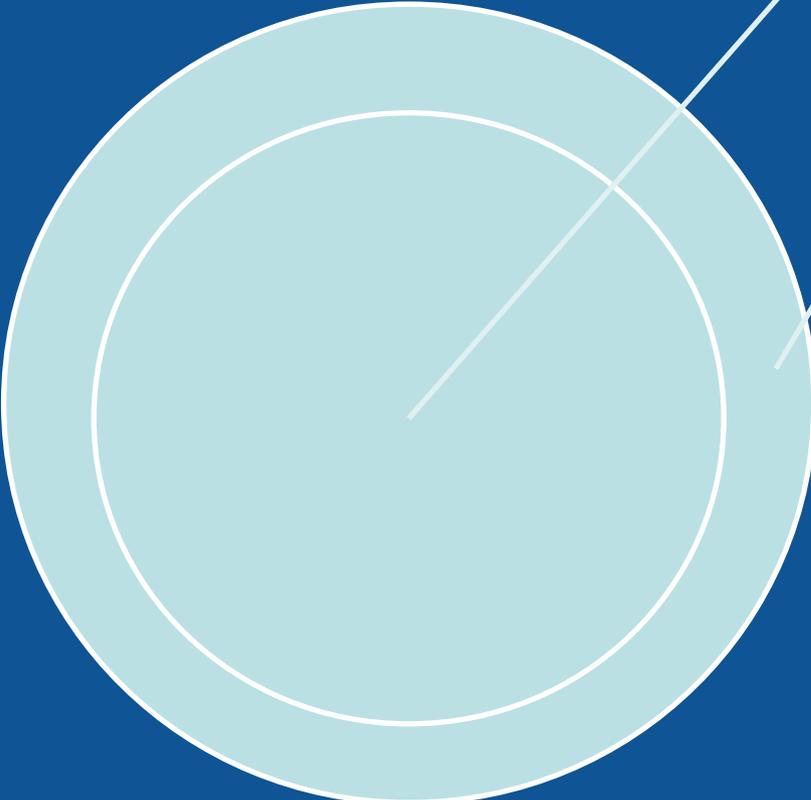
Presentation of the EU Ship Recycling Regulation

- 1) Presentation and state of play***
- 2) What EU draft guidelines say on requirements for recyclers***
- 3) Feedback received on draft EU guidelines and sticking points***
- 4) Other ongoing initiatives***

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The Hong Kong Convention and the EU Regulation



At the core of the EU Regulation: the HKC & HKC guidelines

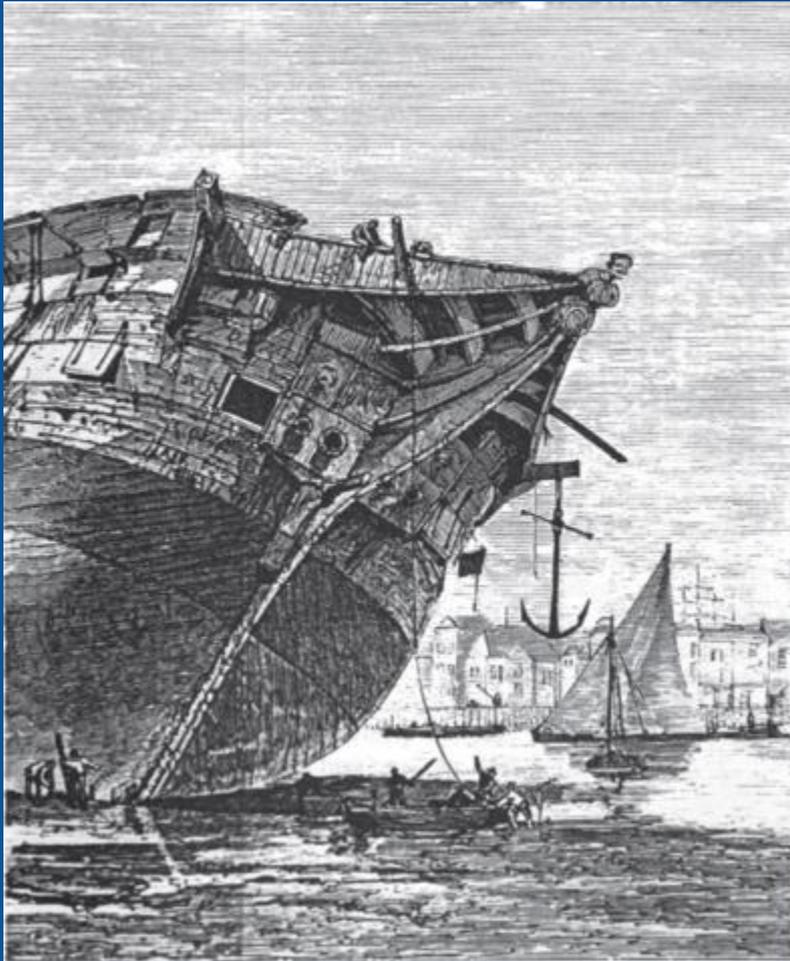
In addition: environmental requirements, EU List of approved facilities



What is the EU List of facilities?

- An official list of ship recycling facilities worldwide deemed as safe and environmentally friendly by the European Union
- The new reference point for shipowners looking for legal, safe and clean recycling of their ships
- A solution to maintain good reputation of shipowner

→ Publication of the List expected in 2nd semester 2015



What are the additional environmental requirements in the EU SRR compared to HKC ?

- Control of any leakage, in particular in intertidal zones
- Handle HM and waste only on impermeable floors with effective drainage systems
- Operate from built structures
- Standards for downstream waste management

State of play

Legislative process:

- ✓ Adoption by European Parliament and Council
- ✓ Publication in the Official Journal of the EU
- ✓ Entry into force: 30 December 2013

Guidelines:

- ✓ Facilities: draft circulated on 25 September 2014, feedback currently being analyzed
- ✗ Other aspects (e.g. IHMs, PSC): EMSA's current focus

EU List:

- ✗ Applications to the EU List: early 2015
- ✗ Publication of the EU List: 2nd half of 2015

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EU draft guidelines: what is meant by... "Control of leakages, intertidal zones"

- Infrastructure and operations should allow for the control of leakage even in case of accidents and unforeseen events.
- Article 13(1)(f): *control of any leakage*
→ control must be absolute
- Examples of measures: oil booms (two lines), drainage canals, impermeable floors
- Intertidal zone = zone between the lowest and the highest tide mark

EU draft guidelines: what is meant by... "Impermeable floors, effective drainage systems"

- Article 13(1)(g)(i): *handling of hazardous materials, and of waste generated during the ship recycling process, only on impermeable floors with effective drainage systems*
 - impermeable support must be provided for all waste (including hazardous materials), continuously
- Concrete, asphalt, steel (if floating dock)
- The interior of the ship qualifies as impermeable floor if other conditions are met
- Effective drainage systems = either connected to a water treatment plant or with a possibility to clean regularly.

EU draft guidelines: what is meant by... "Containment of hazardous materials"

- Article 13(1)(g)(i): *the containment of all hazardous materials present on board during the entire ship recycling process, so as to prevent any release of those materials into the environment"*
 - containment of hazardous materials be provided for all hazardous waste, continuously

EU draft guidelines: what is meant by... "Built structures"

- Objective: to support the other requirements, i.e. to enable control of leakage, workers' safety, containment of hazardous materials.
- Primary cutting area: pontoons, slipways, quays, ship lifts, fixed cranes/pumps, etc.
- Secondary cutting, sorting and storing areas: workstations, tanks, walls, etc.
- Built structures applied to health and safety requirements: firm level roadways, washing facilities, changing rooms, etc.
- No obligation to completely build up facility as long as other requirements are met.

EU draft guidelines: what are standards for downstream waste management

- *"With regard to the waste recovery or disposal operation concerned , environmentally sound management may only be assumed to be in place provided the ship recycling company can demonstrate that the waste management facility which receives the waste will be operated in accordance with human health and environmental protections standards that are broadly equivalent to relevant international and Union standards"* (SRR article 15(5))
- Does not mean that the DWM facility should be in full compliance with EU rules.
- Means that the standards and rules followed by the DWM facility should offer a similar level of protection.



EU draft guidelines: who can be an Independent Verifier?

- IV = Entities such as companies, not necessarily single person
- Tasked with certifying facilities against the Regulation
- Be independent and have appropriate qualifications
- Advisable to have accreditation in ISO 17020
- Advisable to possess qualifications in areas like Naval architect or equivalent qualifications in shipbuilding; Occupational health and safety; Environmental and health and safety management systems; Waste management including management of hazardous materials and waste (handling and disposal)

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Feedback received on EU draft guidelines:

- About 40 contributions received
- Criticized points include:
 - cutting from the outside
 - cutting keel/canoe over impermeable floors
 - avoid paint and coating chips falling in water or inter-tidal zone
 - avoid free-falling blocks (for safety and environmental reasons)

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4) Other ongoing initiatives

Study on incentives for clean ship recycling:

- ✓ Deadline for tenders passed, contractor chosen
- ✗ Winner to be announced and contract to be awarded in the coming weeks
- ✗ Stakeholder meetings in 2015

Directive 2008/99/EC on the protection of the environment through criminal law :

- ✗ Report on SRR-relevant infringements by end of 2014



Thank you for your attention

For more information:

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