

Authorisation and environmental management of ship recycling facilities

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Outline

- What is safe and environmentally sound ship recycling
- The provisions in the draft Convention
- A few remarks !

“Mandate”

- Resolution A.981(24) – ...legally binding and globally applicable ship recycling regulations for international shipping and for ship recycling facilities...
- Draft Convention – regulation 16
Parties shall establish legislation, regulation and standards..... to ensure that ship recycling facilities are operated in a safe and environmentally sound manner...
- Council conclusions

The key

- Prior knowledge

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- adequate design, procedures and techniques

Ship breaking hazards

- Safety: Hazardous exposure
Dangerous work activities
Unsafe work conditions
- Environment:
Hazardous exposure
Hazardous waste disposal

How to ensure safe and environmentally sound management!

- All documents in place
 - e.g. inventory of hazardous materials
 - ship recycling plan
- Site infrastructure in place
 - primary dismantling area
 - secondary dismantling area
 - finishing, assorting and overhauling area
 - separate storage areas
 - offices and emergency facilities
 - waste disposal facilities

How to secure...

- Pollution prevention and worker safety systems in place – Dismantling locations and procedures for dismantling the ship
 - Pre-cleaning
 - Containments
 - Safe working conditions
 - Safety equipment to match the operation

How to secure...

- Good housekeeping
e.g. segregation, storage
- Disposal of hazardous waste at authorised facilities.

The draft Convention

– regulation 16-24

- National legislation, regulation, standards to ensure safe and environmentally sound management *in accordance with the regulations of this convention.*
- National authorisation *mechanism* to ensure the facilities *meet the requirements of the Convention*

The draft Convention

- National authorisation
 - requirements to the form
 - period limitation
- Recycling facility management plan:
 - *a policy*
 - *a system* for ensuring *the implementation* of the requirements...
 - a plan and program for emergency and training of workers.

The draft Convention

- Procedures to prevent accidents:
 - prevent explosions
 - prevent other accidents
 - prevent spills

The draft Convention

- Ensure safe and environmentally sound *removal* and *management* of hazardous materials.

i.e. all hazardous liquids, materials, sediments detailed in the inventory.

Management either at the facility or national authorised (hazardous) waste facility

The draft Convention

- Emergency plan
 - ensure equipment and procedures
 - ensure information to workers and authorities
 - provide for first aid and medical assistance

The draft Convention

- Worker safety and training
 - personal protective equipment; availability and *use*
 - training programmes
 - appropriate training before any operations
- Reporting of incidents

A few remarks!

- Requirements or intentions in the Convention!
- How do we ensure dismantling in a controlled way?
- How do we ensure a level playing field for the recycling facilities globally?
- Upgrading of existing facilities