Dry-docking

Dry-docking is a situation where your vessel is exposed to increased risk.

Plan your dry-docking carefully.

Communicate your plans to all involved parties.

Agree on safety measures.

Hot work needs special attention.

SAFETY FIRST. COMMUNICATE AND COORDINATE.

Following “Ship Management checklist” may be used in connection to your ships dry-docking.

Planning

- Previous dry-dock reports.
- Repair and maintenance list.
- Docking plan updated
- Tendering with general conditions and work/repair specification
- Contractual issues, responsibilities, terms and conditions
  - special attention to Safety, Delayed delivery clause and Limitation of liability
- Meeting with repair yard
- Risk assessment

Preparing the ship for dry-docking

- Company policy and ships Safety Management System
- Repair and maintenance list
- Ship management and crew prepared
- Secure ship
  - stability
  - safety measures
  - fire fighting
  - WT-doors and hatches closed

- Prepare ship
  - deck
  - engine, including relevant measurements
  - tanks and dry spaces
  - bilges
  - sewage
  - valves
  - CO₂
  - electrical supply
  - outside temperature

During dry-docking

Daily procedures

- Yard Safety regulations
- Ship safety
- Hot-Work procedure
- Enclosed space procedure
- Fire-fighting and safety, crew and yard.
- Daily meeting, crew, superintendent and yard repair manager.
Safety procedures
✓ Escape route. Two fixed gangways, independent of each other.
✓ Safety plan of the vessel available at gangways.
✓ Suitable communication system and routine for alarm in emergency situations
✓ Ship watch round regularly
✓ Contact with fire-brigade ashore.
✓ Water under pressure to the vessel’s fire-hose and sprinkler system.
✓ Hot work permit
✓ Fire watch at least during hot work plus two hours
✓ Portable extinguishers and a connected fire-hose where hot work is performed.
✓ Secondary fire alarm system where necessary
✓ Debris contributing to fire load sent ashore
✓ Fire-doors or WT-doors fully operational at all time
✓ Gas free certificate

At refloating
✓ Crew standby for water ingress watch
✓ Valves to be checked before vessel leaving blocks
✓ Shore connections
✓ Ship generator
✓ Stability check
✓ WT-doors and hatches closed

After refloating
✓ Engine measurements
✓ Function tests
✓ Safety system check
✓ Cleaning
✓ Trials as necessary
✓ Certificates updated

Ship refloating
Final dry-dock inspection
• Bottom plugs in position and secured
• Sea chests
• Rudder and propeller/thruster arrangement
• Shaft sealing’s
• Paint work
• Anodes
• Underwater equipment
• Hull ready for refloating

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