

DRY DOCKING - GENERAL BEST PRACTICES

These guidelines are general and should not replace any requirements given by classification societies or authorities. For detailed measures and requirements, please contact [Alandia](#).

Prior to dry docking:

- Submit the vessel's docking plan to the shipyard for correct block arrangement and proper fendering
- Agree on yard specification (all the work to be done by the yard or their subcontractors)
- Check and ensure the access to yard for possible subcontractors ordered by owner
- Check and ensure storage facilities at yard for possible owners' deliveries of spare parts or equipment
- Ensure that the liability, delayed delivery, and insurance clauses are clearly stated and mutually agreed and understood
- Supplier and service personnel coordination
- Prepare for possible crew change during dry-docking and access for crew to yard

Vessel preparation:

- Drafts (min/max) arrival condition and prepare stability calculation. In most cases vessel should float on even keel.
- Record tank status
- Gas free fuel tanks that have planned works
- Cargo tanks and cargo piping gas free including gas free certificate
- Sludge, sewage and other discharges at yard
- Yard safety and regulation briefing

Vessel arrival to yard:

- Waiting at anchorage or berthed at yard
- Mooring at yard prior to dry-docking
- Safe access to ship during waiting
- Arrange for possible need for tug assistance

Vessel docking in:

- Arrange for possible need for tug assistance
- Propeller shaft deflection and engine measurements
- Note the time when "on-blocks"

Dry docking:

- Firefighting water connection
- Shore power connection
- Yard safety briefing and communication plan
- Dry docking survey – bottom inspection – block alignment
- Two independent gangways for safe access to vessel
- Fire and enclosed space entry watches and work permits to be agreed with yard
- Craneage to be agreed with yard
- Work site lights and ventilation to be agreed with yard
- Equipment and system protection for welding, blasting, and washing
- Disablements to be agreed with yard
- Waste and scrap disposal to be agreed with yard

Pre-floating (flooding above high sea chest, but vessel on blocks):

- Bottom plugs, manhole covers in place and inspected
- All sea-water valves and necessary piping in place and checked
- Sea chests and propeller shaft seals inspected
- Ballast status and stability calculation
- Inspect and verify hull integrity
- Disconnect shore power
- Disconnect firefighting hoses from yard

Floating – departure:

- Note the time "off-blocks"
- Propeller shaft deflection and engine measurements
- Enable all disabled equipment
- Arrange for possible tug assistance for floating and departure
- Verify the need and scope of possible sea-trials
- Check availability and need for waiting berth after floating
- Check mooring arrangements at waiting berth
- Arrange and agree shore power availability and connection at waiting berth