



Extended Dry Docking

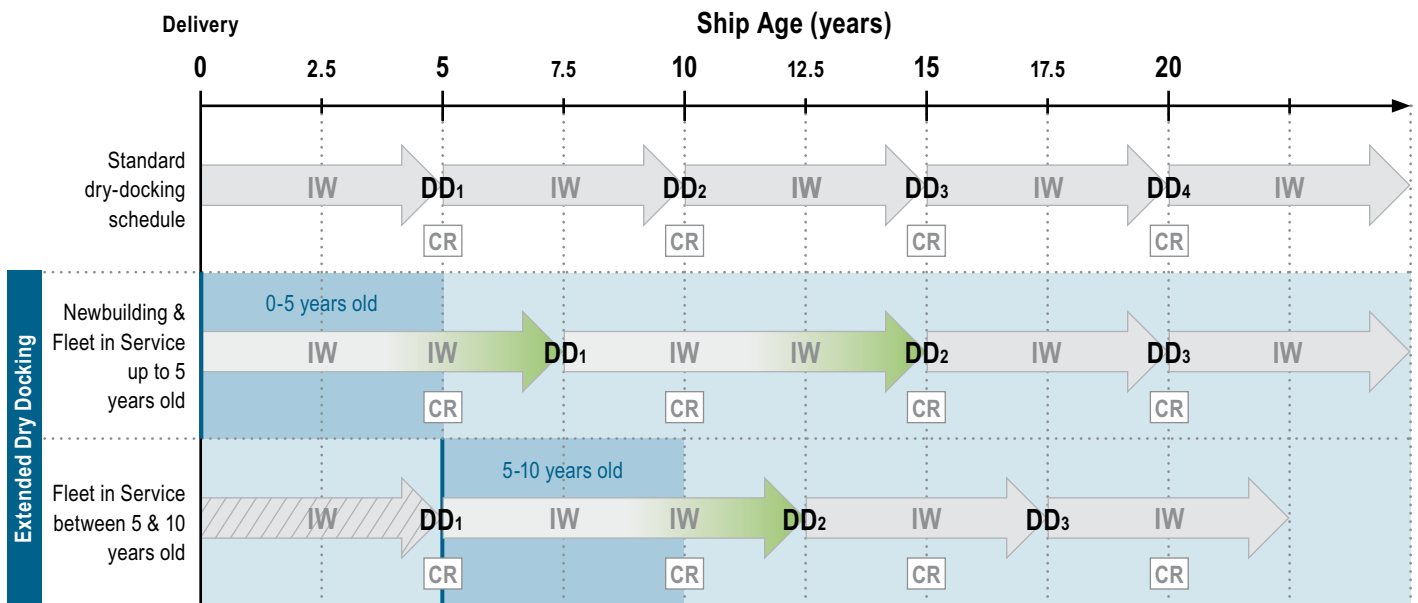
More miles between dry-dockings

The challenge of dry-docking

Every five years ship owners and operators face the challenge of dry-docking. Although periodic dry-docking inspections are a requirement of class and a necessary measure to ensure the ongoing quality and safety of a ship, the standard five year cycle puts costly limits on the owner's flexibility. His ship must enter dry-dock whether convenient or not, and the costs of off-hire repositioning of the ship, not to mention the costs of dry-docking itself, are considerable. What's more, this rigid schedule also limits the operator's flexibility when configuring charter party agreements.

The extended dry-docking solution

Germanischer Lloyd's (GL) team of experts has addressed these concerns and created an innovative new extended dry-docking (EDD) option that allow owners and operators of qualified container and general cargo ships, as well as multi-purpose dry cargo ships, to postpone dry-docking by up to two and a half years. This option offers a far greater level of scheduling flexibility while maintaining the highest standards of quality and safety.



IW: In Water Survey DD: Dry-Docking CR: Class Renewal



GL's Extended Dry Docking programme, which does not affect the standard five year class renewal cycle or class inspection requirements, obliges ships to undergo two in-water inspections before entering dry-dock after seven and a half years. The programme is available for ships up to ten years old, and must be completed by the age of fifteen years.

To assure that highest levels of quality and safety are maintained, only ships meeting GL's rigorous standards may take advantage of the EDD programme. GL experts work in cooperation with the Flag State ship owner or operator to carry out a series of checks ensuring that the following criteria and conditions are met:

For newbuildings

- Flag State approval
- A GL approved planned maintenance system for machinery
- GL HullManager – a GL approved planned maintenance system for the hull
- A shaft bearing and sealing system of approved design with implementation of regular monitoring procedures
- Class notation IW (in-water survey)
- Hull dry film thickness of 300µm (anti-fouling excluded)
- Anodes (alu/zinc) prepared for 7-1/2 years and/or...
- Impressed current system installed and maintained

For ships in service

- Flag State approval
- Compliance with additional Flag State requirements
- A GL approved planned maintenance system for machinery
- GL HullManager – a GL approved planned maintenance system for the hull
- A shaft bearing and sealing system of approved design with implementation of regular monitoring procedures
- Class notation IW (in-water survey)
- BW tanks maintain "Good" coating condition according to IACS Rec. 87
- Vessel to be free of any condition of class concerning underwater parts

Subject to the criteria and requirements set out, GL's Extended Dry Docking programme offers you significantly greater flexibility when planning and implementing your dry-docking schedule. Instead of having to search for an available dry-docking facility each five years, choose to have your ship inspected at dock-side instead and postpone the out-of-water inspection for two and a half years. Not only does this offer tremendous flexibility and short-term savings in positioning and docking costs, but it reduces off-hire times and allows owners to bring additional scheduling options to the table during charter party negotiations.

Our expertise is dedicated to maximising the availability of your fleet, thereby increasing the profitability of your business without reducing quality and safety.

GL – your expert for dry-docking

GL is the world-leading classification society for container ships. We pride ourselves in being at the forefront of innovation and excellence, combining leading-edge technological know-how with many years of practical experience in international shipping. This enables us to offer our customers tailor-made solutions, and in times of economic downturn to provide expert support that paves the way for a timely, proactive and cost-effective response.

In developing Extended Dry Docking, we have applied our market-leading knowledge to the question of how to boost the profitability of your business without impacting negatively on quality and safety. Extended Dry Docking is designed to improve flexibility and performance as well as to minimise risk.

How you benefit

GL is dedicated to delivering the best customer service. Our Extended Dry Docking programme allows you to take advantage of:

- Greater flexibility when scheduling dry-docking
- Greater flexibility in choosing an inspection location
- Reduced positioning expense and off-hire times
- More scheduling options when negotiating a charter party
- Greater profitability as the cost of one dry-docking is saved over a period of 15 years

One-stop shopping at GL

Take advantage of GL's one-stop shopping to provide you with all you need for Extended Dry Docking: GL's Maritime Software offers **GL HullManager**, a software and service package for condition monitoring of your ship's hull, and the core component of a planned maintenance system. And GL Academy offers a **half-day EDD seminar**, presenting you with all you need to know to implement the EDD programme.

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