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# DeltaFleet DocService

for Owners and Operators



**DELTAMARIN™**

*makes the difference*

# Ship Technical Document Management Service

## Motivation

- One of the corner stones for ship safety is the technical compliance of SOLAS and Class rules
- The compliance is coordinated by technical documentation with approvals during the ship operation
- The challenge is to maintain and update the relevant documentation over the operational years

DeltaFleet DocService includes two scopes of services:

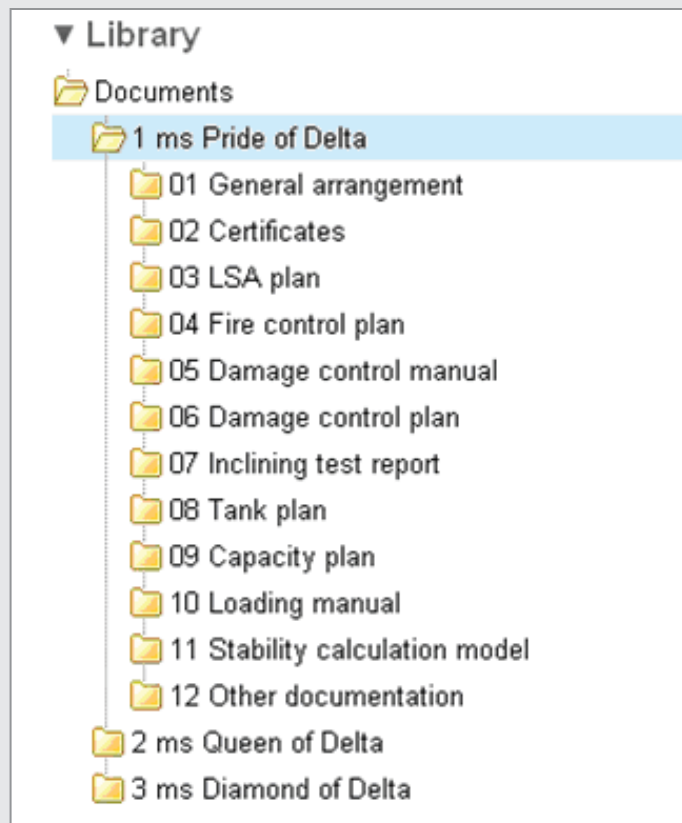
1. Web-based Ship Technical Document Management Environment
2. Ship Technical Document Update Service

## 1. Web-based Ship Technical Document Management Environment

In order to systematically manage the relevant ship technical documentation, a web-based document management environment is provided. The service has a dedicated place for necessary ship technical documents and allows keeping track of revisions (Draft, Approved, Old).

The environment covers:

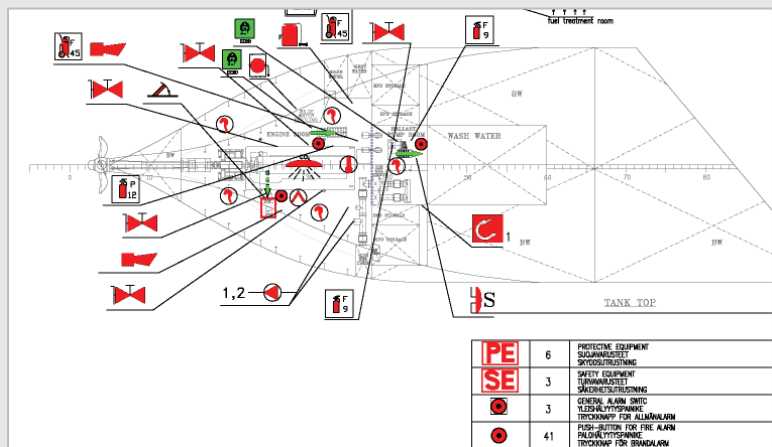
- Predefined user roles
- Site dashboard
- Document library
- Vessel specific storage hierarchy
- Document metadata page
- Search function
- Discussion forum
- Calendar



## 2. Ship Technical Document Update Service

The ship technical document update service covers all necessary engineering work, which is required for document updating including also related design work. Typically the work includes following types of work:

- Support in gathering relevant documentation from several sources
  - Scanning of paper documentation
  - Document format conversion to AutoCAD or similar
- Drawing updates based on onboard modifications (GA, LSA plan, Fire Control Plan)
- Stability calculations and documentation updates with NAPA software
- Inclining test coordination and documentation
- Onboard audits
- Small design work for ship modifications
- Contacts with authorities
- Supply of drawings in different formats
  - Paper copies
  - Laminated copies
  - Roll-down mechanics

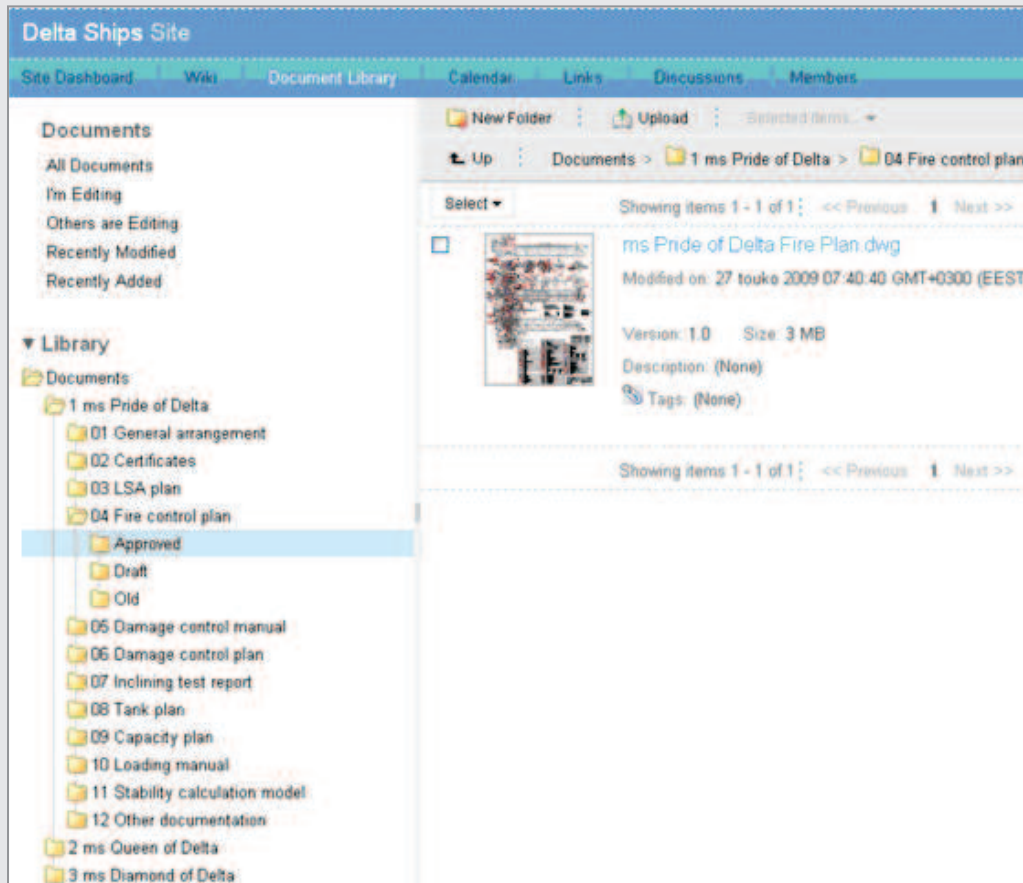


Once the ship technical document update service agreement is valid, the process to update the documents will be as follows (as applicable):

1. Ship officers or technical persons identify a need to update ship technical documentation
2. Direct contact to Deltamarin document update service
3. Agreement of scope of update work and hour budget for the work
4. Possible ship audit
5. Updated document will be uploaded to the web-based system for ship crew review
6. Deltamarin sends documents to authorities, if necessary
7. Follow-up of approval process with web-based document management system
8. Final documentation with updated support models (NAPA) will be stored to web system and are ready for next update round in the future. Drawings will be saved both in AutoCad and PDF formats.
9. Deltamarin will deliver required documents in agreed format (paper, laminate, roll-down mechanism, etc..).

## Key Benefits

- Centralized storage of ship technical documentation accessible from anywhere with web browser
- One stop shop for all ship technical documentation updates
- More detailed and better quality technical documentation readily available when refurbishment or conversions take place



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