

L A T E R A L

NAVAL ARCHITECTS

06

CLASS LEVEL DESIGN

# Having worked with all the major **Classification societies**



Lateral brings significant **depth of knowledge** in achieving full class approvals in the most efficient and effective manner.

With each society having its own particular nuances, we have the **insight required to engage** class in educated debate at the appropriate junctions to ensure that designs are not encumbered with redundant, heavy and expensive features.





When **designs do not jibe** within an existing regulatory framework,

- **we ask new questions** and derive new answers to achieve compliance based on equivalent levels of safety.

BLACK PEARL  
107m DynaRig





- When appropriate,  
we integrate a **high level**

of production-ready detailing into our class level designs, enabling rapid progression into production engineering and ultimately saving the shipyard and client valuable time and cost.







- Our team **devotes substantial resources** to monitoring and proactively

involving ourselves in the **on-going development** of the regulatory bodies such as SOLAS, MARPOL, PYC, POLAR, LY3 and more. Each code has implications for design and build, each is complex, and in some instances regulations are in conflict with others as new rules are cropping up.



# As part of our monitoring process, **we maintain close links**

with the major classification societies and participate in numerous working groups to **stay ahead of anticipated future regulation.**

We undertake **carefully planned research** into the impact of new regulations, which enables us to have an intimate understanding ahead of actual implementation. Lateral makes this knowledge base available to its clients. Additionally, we openly share the results of our research with the wider industry.





# The result of this focus is that Lateral

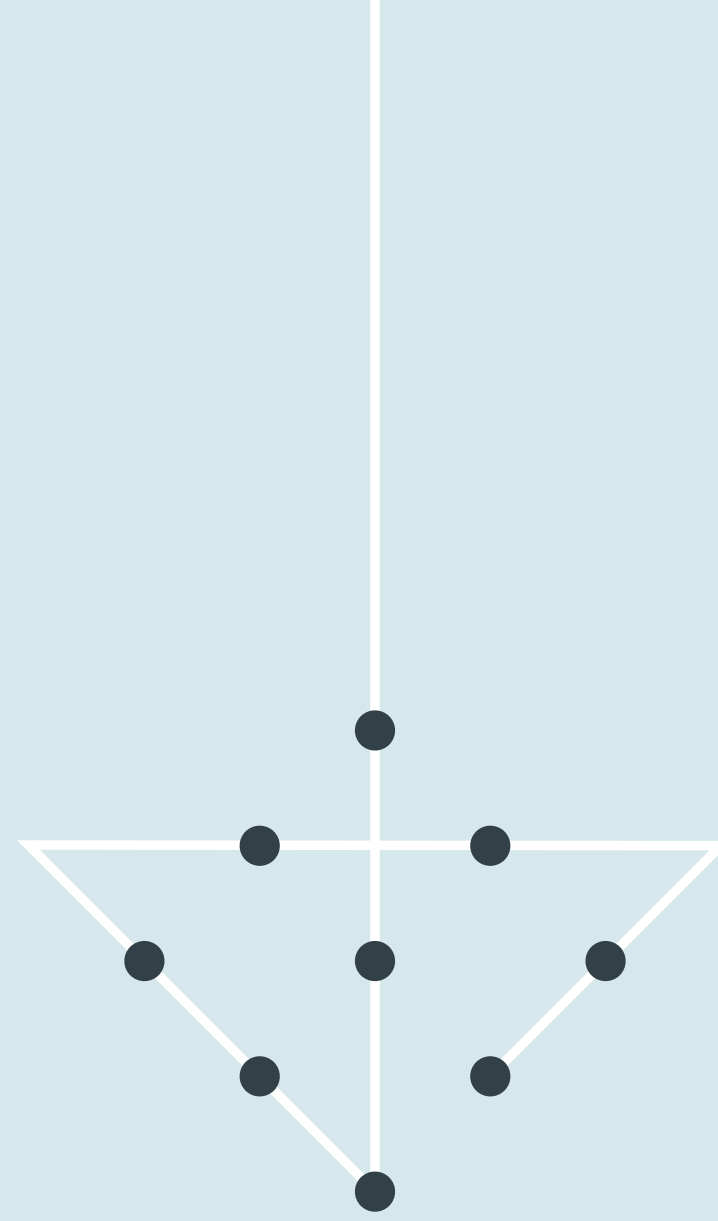
- has **exceptional depth of expertise**

in meeting the demands and requirements imposed by the wide spectrum of continually evolving and often confusing regulation.

When coupled with our production-focused engineering, our continually **updated body of knowledge** enables us to offer single-source engineering for the development of pragmatic naval architecture, structural, mechanical and outfit design to meet the most exacting regulatory standards.







Ask **new questions**

WWW.LATERAL.ENGINEERING