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Dredgers and Dredging Design Restraints

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Dredging operations require deep maritime culture and experience, nowadays joined to a real environmental integrity. Moreover technological development gives new tools in dredging devices and general equipments, so that dredger evolution is improving and new design solutions are also expected in the near future. Taking into account new upgrades, available in the technical literature, this paper has the aim to analyze some design and operational restraints, both for dredgers hull and for the adopted dredging devices. Finally, a short overview of class rules for dredger ships will be outlined.

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