

B. Structural Strength

B.1 Structural Strength

- B.1.1 All vessel that follows the AUSCLASS set of rules shall at minimum, require sufficient structural strength which allows the safe operation of the vessel in the intended operation zone.
- B.1.2 Vessels which are constructed under the appropriate AUSCLASS rules and/or under special consideration by AUSCLASS with appropriate provisions, shall comply with the directly previous subclause.
- B.1.3 Any vessel that is constructed of materials not specified in the AUSCLASS rules, in whole or partially constructed, shall require special considerations by AUSCLASS.
- B.1.4 Non-conventional vessels shall require special consideration by AUSCLASS concerning the structural requirements.
- B.1.5 Any vessel designed in accordance to the AUSCLASS rules shall fully comply with all relevant matters covered.
- B.1.6 For the construction of class E vessels, the design heads and/or loadings used to determine scantlings, may be reduced up to a maximum of 25%, if granted by AUSCLASS, where special provisions exist in the scantling and/or design loading sections for class E vessels, then no reductions shall apply.
- B.1.7 A vessel designed and constructed following the appropriate parts of this section should pay special attention to the design loadings section.