

8. WEIGHT CONTROL

The weight control procedure should be an ongoing procedure starting from the project phase through basic and detail design until the production phase of the vessel. The completion of the procedure is the final inclining test of the vessel.

Depending on the size of the vessel there can be various numbers of intermediate calculations during the different phases resulting in updated weight budgets.

The weight control procedure consists of two parts: weight calculations and weight follow-up.

Weight calculation is the technical part whereas weight follow-up is the management part of weight control. The relation between these two parts is very close as normally same people are involved in both phases and as the target is the same: reliable lightweight prediction of the vessel fulfilling all planned targets. However, weight calculations can be made without follow-up, but not vice versa.

Usually at least the following items are included in the weight control procedure:

- Contractual agreements
- Weight grouping and numbering
- Light weight calculation, project phase
- Revisions of LW calculation
- Weight budget
- Follow-up of weight
- Input for planning and building procedure
- Input for procurement
- Weight information flow
- Changes and their notification
- Weight control organisation and responsibilities
- Reporting