

Cost Management in Shipbuilding

Planning, Analyzing and Controlling Product Costs

26th January 2017: Information Event in Mobile, AL

Topic

Cost management starts with the proposal and bidding process. Several methods like similarity calculation or parametric analysis can be used for cost estimations in new projects. Risk analyses allow to assess the reliability of the estimates. By contrasting the costs of ship capabilities with their values for the customer, approaches for cost cutting activities can be found. Finally, costs of the in-service phase can be optimized by Life Cycle Costing.

Event

The event "Cost Management in Shipbuilding" will offer the opportunity to learn about methods supporting cost planning, cost analyzing and cost reduction in naval engineering. A focus is on the software "CostFact". This system supports cost planning from early design and engineering stages on, cost analysis of already concluded projects and life cycle costing. CostFact is developed in close cooperation with several of the world's leading shipyards, which means that a number of best-practice methods have been incorporated into the system, covering all of a shipyard's calculation demands. CostFact users are shipyards building most different types of ships, see www.costfact.com/customers.

Highlights

Topic highlights of the event are:

- ➔ Cost prognosis based on similarity calculation
- ➔ Parametric cost estimation
- ➔ Target Costing including value analysis
- ➔ Integration of specification
- ➔ Risk analysis of cost estimations
- ➔ Life Cycle Cost calculation
- ➔ Practical usage of CostFact by the participants

Who Should Attend?

If you are dealing with cost estimation in the bidding process or if you are involved in project controlling you probably will find the provided information invaluable.

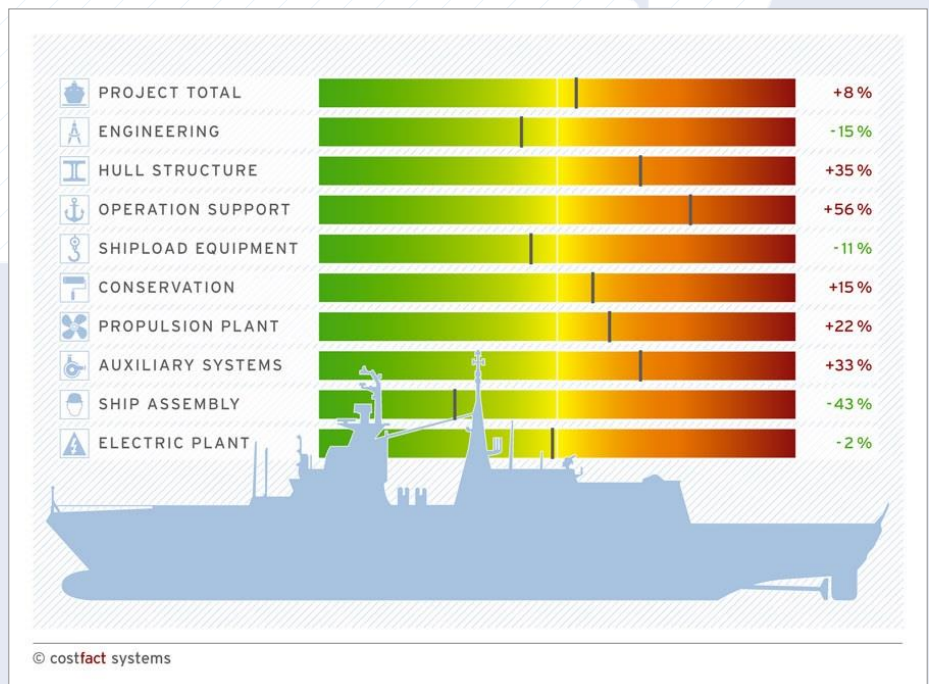
The event will also be useful for project managers. Those who are working on engineering design will also benefit from attending.

Date and Registration

The information event takes place at the premises of SSI USA in Mobile, Alabama, on 26th January 2017, from 10.00 to 16.00. Detailed venues will be emailed to registrants. The attendance requires a registration by 12th January 2017. The event can be also booked as individualized in-house seminar.

Further Information

If you require further information on the event, please contact us: ssi@costfact.com



Cost management can be carried out at each level of the project

Agenda: Theory and Practice of Cost Management

26th January 2017 in Mobile, Alabama, from 10.00 to 16.00

1st Session

Methodological Foundations

- **Target Costing**
Setting cost targets by analyses of product capabilities and customer requirements
- **Similarity Calculation and Parametrical Cost Estimation**
Cost forecasts by object comparisons; requirements and procedure of regression analyses
- **Risk Analysis of Cost Estimations**
Error compensation effect and calculation of expected deviation
- **Product Configuration**
Function based management of technical solutions with optimized cost-benefit ratio
- **Life Cycle Costing**
Methods of Life Cycle Cost calculation and addressing uncertainty of in-service parameters

→ In-house Seminar:

The seminar (sessions 1+2) can be also booked as individual in-house workshop. This option includes the additional possibility of case studies and application examples, prepared beforehand and based on the individual demands of the respective shipyard and foregoing information exchange.

2nd Session

System Support in Practice by the Software System "CostFact"

- **Analytical Cost Planning**
Detailed cost planning and similarity calculation; comparison of alternative ship designs
- **Statistical Cost Planning and Cost Norms**
Calculating regression functions based on reference projects; defining and using cost functions
- **Integration of Specification and Calculation**
Specification import and administration; consistency check between calculation and specification
- **Cost Analysis and Cost Reporting**
Target cost controlling; cost driver and variance analysis; change proposal management

3rd Session

Practical Usage of CostFact by the Participants

- **Guided Introduction**
Following a step-by-step demonstration on training workstations with full version of CostFact
- **Autonomous Application**
Possibility for the participants to explore CostFact with provided example data by themselves
- **Discussion**
Cost management approaches for the attendant shipyards



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We will attend the information event in Mobile on 26th January 2017 with _____ person(s)

The registration deadline is 12th January 2017. Detailed venue information will be sent after registration. The registration fee is US\$ 349.00 per person. In case of several attendants of the same company, the fee decreases by 25% for all these attendants. The fee includes attendance to the information event, conference documents, refreshments and sandwich lunch. Cancellations prior the registration deadline are free of charge (no refund after deadline). The organizers reserve the right to cancel the event based on enrolment or conditions beyond their control and are not responsible for any costs incurred due to program cancellation, such as airline or hotel penalties.

We like to book the in-house seminar. Preferred date in January/February 2017: _____

The in-house seminar will provide the opportunity for in-depth discussion of company related questions. The organizers will contact you beforehand in order to discuss your specific demands and to prepare individual application examples. The seminar will take place in the premises of the engaging shipyard. The number of participants is not limited, provided they are employed by the client. The price for the in-house seminar is US\$ 1,890.00.

Company

E-mail

Surname, Forename

Phone

Street Address

Zip Code and City

Date, Signature

Comments

Organizers of the events and seminars are ShipConstructor Software USA, Inc. and COSTFACT GmbH.