



SCEDAS[®]

Optimized Crew Deployment Across the Fleet

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Workforce Planning and Compliance. Collect. Analyze. Optimize.

Current challenges Compliance requirements

Ship owners, flag states and the ship managers themselves are increasingly implementing minimum standards for short-term workforce deployment, as well as for mid- to long-term crew planning.

Manning costs

Manning costs represent the largest share (30 - 50%) of ship operating costs.

Thus, effective crew scheduling is critical to competitive pricing.

Seafarer satisfaction

Reliable long-term planning and the incorporation of specific seafarer needs is a major factor for the seafarer retention rate.

Fleet planning

We know crew scheduling

SCEDAS[®] supports the generation of seafarer contracts. The algorithms automatically calculate optimized yearly crew schedules for all vessels

It takes regulatory as well as company-specific requirements into account.

Main Functionalities

Adjustability of relevant planning parameters

- Company-specific data framework
- Customization of planning rules
- Weighting of evaluation criteria

Graphical visualization

- Relief plans for the respective positions onboard the vessels
- Contract schedules for each seafarer
- Experience requirements are included and fulfilled

Extensive analysis options

The evaluation criteria, e.g. experience periods, crew change costs, contract characteristics, can be presented in various aggregation levels, including ship fleets, ship classes and ships.

Advantages

Cost savings

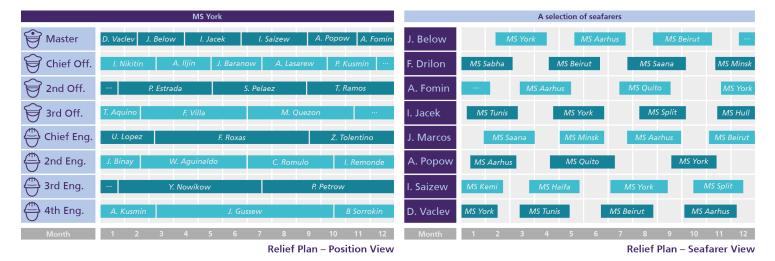
SCEDAS[®] provides an easy and fast way to create a fleetwide crew schedule, which makes it possible to react guickly in case of short-term changes. This minimizes deviations from requested contracts and crew change costs.

Data-based decision support

SCEDAS[®] provides planners with databased decision support to leverage their expert knowledge. The scheduling algorithms can consider the large number of possibilities.

Quantifiable decisions in planning policy

The calculation of different scenarios by SCEDAS® easily and quickly quantifies the effects of the respective planning policy.



Implementation

In joint workshops, we determine your individual planning rules that take regulatory as well as company-specific requirements into account. Then, we customize our algorithms to your needs and assist with the integration

in your existing planning systems. This creates a solution that meets your company's planning requirements and can easily leverage your existing planning processes.

SCEDAS® will take your crew scheduling to the next level. For more information and an exchange on your individual solution, please contact us by email.



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