

High Performance Vessel Stowage Plan

SVM VAP[®] Vessel Auto Plan

SIZE MATTER

Capable of planning vessel with capacity up to 12,000 TEUs

CONSTRAINT SOLVER

Using algorithm to solve complex vessel and cargo constraints

VISUAL CLARITY

Easily identify different equipment types, DG, OOG and REEFER cargo by user-defined colour theme

UNIFY PLANNING

Reduce learning curve for new trainees

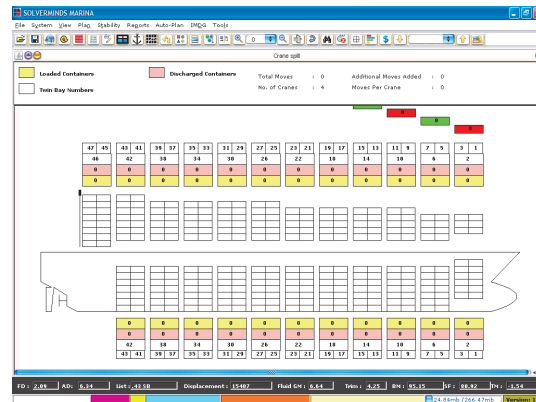
Stability & Stress

View actual stability and stress related information to assess the seaworthiness of the vessel in any given condition

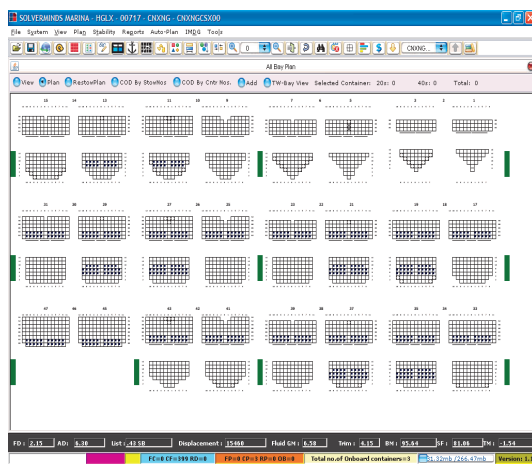
Increasing vessel size due to technological advancement has created new challenges to vessel planner. As vessel carrying capacity increases, the quantity of containers to be planned also increases and so does the time taken to plan each vessel.

At present the job of vessel planning is being carried out using Manual Planning Systems. These systems (Manual Planning) can be effectively used only if comprehensive training for considerable period of time is provided to end users (Vessel Planners and others). Despite all the training, errors in planning can still occur due to various reasons as a number of constraints have to be considered.

The auto plan feature of **SVM VAP** © Vessel Auto Plan System is designed to help the vessel planner increase productivity in vessel planning whilst complexity of calculating vessel and cargo constraints are considered relieving tedious task of manual work.



- **User Define Bay Allocation**
 Gives user the control in critical POL's preference to such cargo allocation
- **Auto plan container forecast**
 Enables the Auto Plan to designate automatically appropriate slots for each POD keeping crane split gap in preview
- **Stack Weight/Height**
 Customize stack weight & height per bay / row as required for efficient plan
- **IMDG Segregation**
 DG segregation basis UN No, DOC (Document of Compliance) and any 'House rules' as defined by the company
- **Optimize space utilization**
 Optimize vessel capacity utilization while ensuring minimal restow cost





SVM VAP[®]
Vessel Auto Plan

Manual or Auto

Option to choose either manual or auto planning and create multiple plans

EDI Support

BAPLIE, MOVEIN & TANSTA

Integration

Integrate with **SVM ERP[®]** ensures latest changes to booking and routing details are considered in the plan

Visibility

Grant visibility to agency network for improved operation planning and efficiency

Consolidation

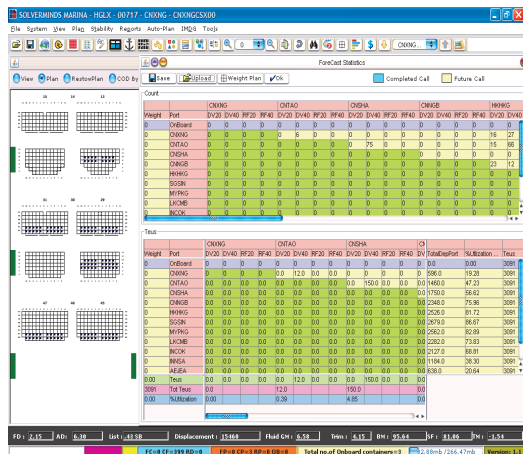
Consolidation of containers for restows based on user's preference

On Deck Containers

Plan containers vertically or horizontally based on user preference

For more information on any of our products or services please visit us at www.solverminds.com

Features and Benefits



- **Future ports minimum crane Bay-Gap**
Give preference to load the entire bay across with the same POD cargo
- **Container recap**
View the 'onboard', 'forecast', 'confirmed', 'restow' status of containers with various filters such as POD, POL, hazardous, empties, OOG basis etc
- **Auto ballast solver**
Gain more control over which ballast tanks to be filled and by what percentage volume
- **Option to Plan Laden for all ports first and empty last**
Ensure revenue earning boxes are not left unplanned

- Gain productivity in planning, while ensuring optimized capacity utilization
- Reduce tedious manual planning task, while taking control over and minimizing restow cost
- Unify planning task with single platform with standard user interface, processes and enterprise reporting
- Achieve a lower total cost of ownership with a single source of support, service, and maintenance
- Obtain consulting and advice on business processes best practices from industry experts

System Requirements

- Minimum Recommended PC Client**
- Intel Pentium Core 2 Duo Processor
- 1 GB RAM / 20GB hard disk / 1024 x 768 Resolutions
- Windows XP / Vista 32 Bit
- Acrobat Reader for reports



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