



```
<vessel name="VICTORIA" code="V7HV9" >
  <service>SVN1</service>
  <arrivalDate>2011-04-17 01:00</arrivalDate>
```

# ARL Sea Side Crane Bay Planner

## Automatic Bay Planning

Plan for quay cranes to be located in the relevant bays for upcoming vessel calls automatically; do manual quay crane bay plan adjustments and your plan is ready to be executed by the stevedores.

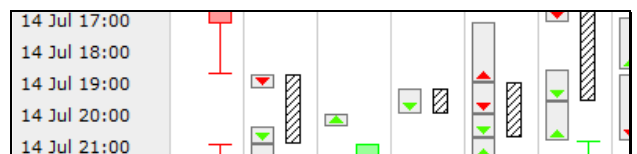
## Optimizing Resources

Align the quay crane work between available quay cranes, so quay cranes are utilized in a balanced manner securing highest possible productivity and earliest available ETD. Respect the stevedore shift timings and plan for quay crane work in a cost effective manner. Avoid waiting time doing cascade

quay crane relocations by establishing full quay crane location pattern in advance.

## What-If Early ETD Opportunities

Run what-if scenarios, assuming one more quay crane is added (or subtracted) during whole port stay, during shift or in specified timeslot from either vessel fore or aft, do automatic re-planning and see consequence of changed overall vessel ETD.



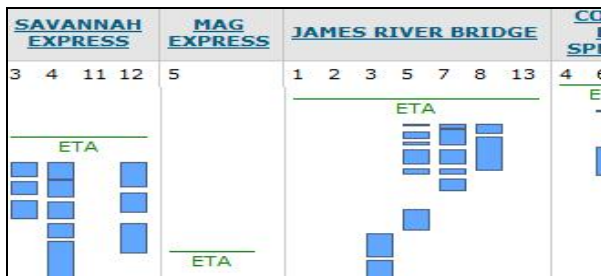
# ARL Sea Side Crane Bay Planner

## For Ocean Container Terminals

A solution for container terminals planning vessel discharge and load operations, and for vessel operators validating duration of vessel discharge and load operations.

## Licensed or Hosted Solution

Purchase a software license to deploy ARL QC Bay Planner in your own infrastructure, or use the hosted version available on the net on pay-as-you-go terms. For your licensed deployment get technical support and upgrades for a fixed yearly maintenance fee.



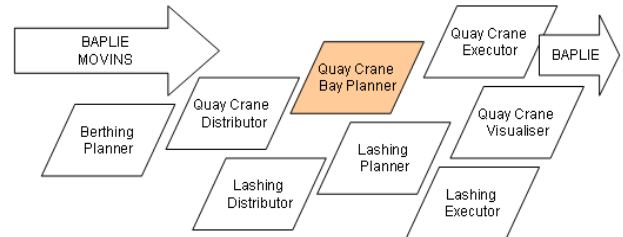
## Setup

- Shift timings
- Vessel bay structure
- Quay crane characteristics, bay reach and move times (quay and vessel mounted)

## Main Features

Obtain ETA/ETDs and quay cranes assignment timeslots

- Import onboard containers by EDI (BAPLIE) and stowage instructions by EDI (MOVINS)



Automatically distribute quay cranes amongst bays respecting the quay crane availability timeslots

Manual planning override

Graphical and report (PDF, XML) quay crane & crane operators/ stevedores bay-level working plan

Plan for late arriving containers

Capture execution status for dynamic plan rework  
Identify early-ETD opportunities by changed quay crane availability

EDI mapping tool for import of multiple EDI message variants

## Getting Started

Do the setup, start importing the BAPLIE and MOVINS and the quay cranes are distributed smoothly.



arl-shipping.com technology solutions for the transportation industry on license, hosted or pay-per-transaction plans.

Innovative and state-of-the-art IT tools working in synergy with existing IT platforms for marine terminals, depot & yards, shipping lines & transport providers, freight forwarders and equipment managers.

- berth and resources planning, yard crane dispatching, performance monitoring and alerting;
- transportation pricing, electronic bookings, interactive schedules publishing;
- container fleet management, sales, interchange processes;
- freight forwarders' value-add services e-business, interaction with shippers and shipping lines and integration with portals;
- container yard inventory management;
- freight forwarder web-site contents and context framework with built-in e-business.