QUICKSHIP
USER MANUAL

PREPARED FOR

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1. Introduction

This document exists to provide information and the proper documentation for the usage of the QuickShip product. Below includes information about the layout of the user interface and the steps to use the product, including the load/unload and balance functions.

2. User Interface Overview

Buttons on Left Sidebar:
Load/Unload (1) - Select the load/unload operation
Balance (2) - Select the balance operation
Save Manifest (3) - Save the resulting manifest from an operation
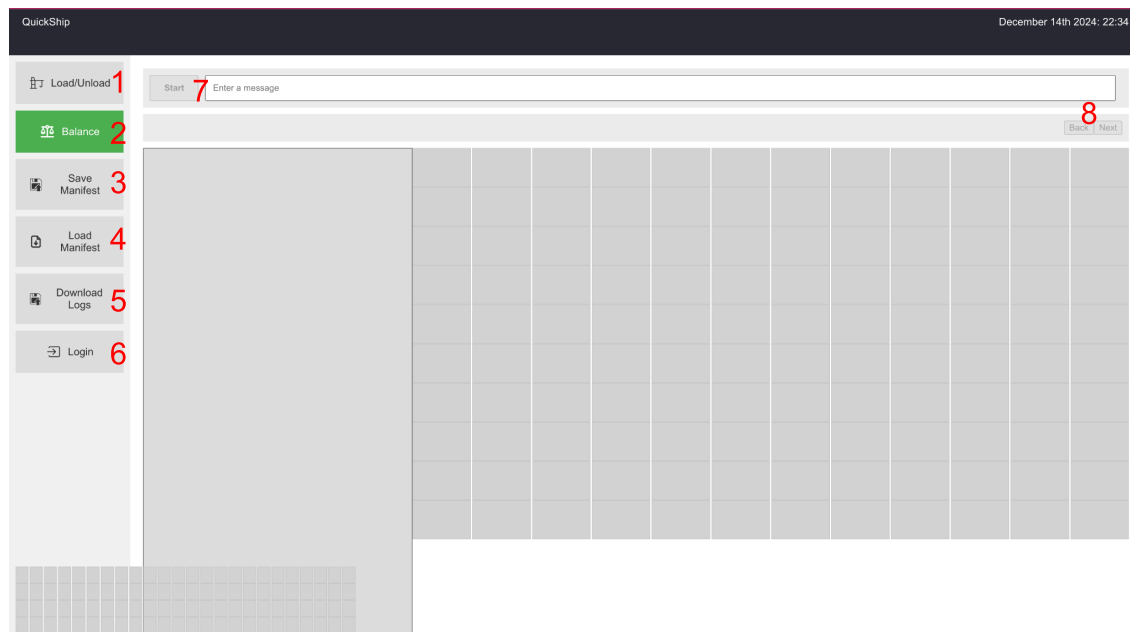Load Manifest (4) - Load manifest from computer into the software
Download Logs (5) - Download the log file
Login (6) - Login with your name

Buttons on Top Bars:
Start (7) - Start the selected operation with the selected manifest
Back/Next (8) - Go back one step or go to the next step

3. Load/Unload

How to Use
1. Click on the "Load/Unload" button in the top left on the window.

2. Click on the "Load Manifest" button on the left hand side of the window.
3. From your files, upload the .txt manifest file of the ship to balance.
4. For each container that you want to unload from the ship, click on the corresponding container in the grid view representation of the ship and the selected container will turn yellow.
5. Once you have finished selecting the containers to unload, click "start" and a prompt will appear.
6. Enter the number of containers that are to be loaded into the ship.
7. The search algorithm then figures out the optimal steps to complete your load/unload job.
8. The current step is displayed above the grid view of the ship.
9. After you have completed the step, click on the "next" button to display the next step to complete.
    a. If you need to go back to the previous step, you can click on the "back" button.
    b. If the completed step was to load a container, you will be prompted for the name and weight of this container. Enter this information.
10. Repeat step 9 until reach the final step, in which the "next" button changes into "done".
11. Click "done" and the updated OUTBOUND manifest will be created and prompt you to save it.
12. A pop up will appear to remind you to email this manifest back to the ship captain.
13. You are done.

4. Balance

How to Use
1. Click on the "Balance" button in the top left on the window.
2. Click on the "Load Manifest" button on the left hand side of the window.
3. From your files, upload the .txt manifest file of the ship to balance.
4. Enter the number of containers that are to be loaded into the ship.
5. The search algorithm then figures out the optimal steps to complete your balance job.
6. The current step is displayed above the grid view of the ship.
7. After you have completed the step, click on the "next" button to display the next step to complete.
    a. If you need to go back to the previous step, you can click on the "back" button.
8. Repeat step 7 until reach the final step, in which the "next" button changes into "done".

9. Click "done" and the updated OUTBOUND manifest will be created and prompt you to save it.
10. A pop up will appear to remind you to email this manifest back to the ship captain.
11. You are done.

5. Detailed Usage

1. Logging In

- **Step 1.1:** Open the application. Click on the **Login** button located on the main screen.
- **Step 1.2:** A login window appears. Enter your name in the provided field.
- **Step 1.3:** Click the **OK** button to proceed.

2. Loading the Manifest

- **Step 2.1:** After logging in, click the **Load Manifest** button on the main dashboard.
- **Step 2.2:** A file selection window opens. Navigate to the location of your manifest file and select it.
- **Step 2.3:** The application will load and display the container grid on the ship, showing the layout of containers as per the manifest file.

3. Managing Container Operations

- **Step 3.1:** Review the transfer list, which details the containers that need to be loaded or unloaded.
- **Step 3.2:** Locate and click on the containers specified in the transfer list that need to be unloaded from the ship.
- **Step 3.3:** Select the operation you wish to perform from the options: Load, Unload, or Balance.

4. Starting the Operation

- **Step 4.1:** After selecting the containers and operation, click the **Start** button.
- **Step 4.2:** A prompt appears asking for the number of trucks involved in the operation. Enter the number and confirm by clicking **OK**.
- **Step 4.3:** The application calculates the most efficient way to move the containers to and from the truck.

5. Following Operation Steps

- **Step 5.1:** The application displays each step of the container transfer operation one by one.
- **Step 5.2:** Click the **Next** button to view each subsequent step.
- **Step 5.3:** If a container needs to be moved from the truck, a window will appear asking for the container's name and weight once the previous steps are completed.
    - **Step 5.3.1:** Enter the name and weight of the container and confirm by clicking **OK**.

6. Completing the Operation

- **Step 6.1:** Continue following the steps until all operations are complete.
- **Step 6.2:** After the last operation step, a reminder window prompts you not to forget to save the updated manifest.
- **Step 6.3:** Click on **Save Manifest**. The application will save the manifest file with all the updates under the correct name.

7. Logging Out

- **Step 7.1:** There is no logout button. The next user to log in will automatically log out the current user.