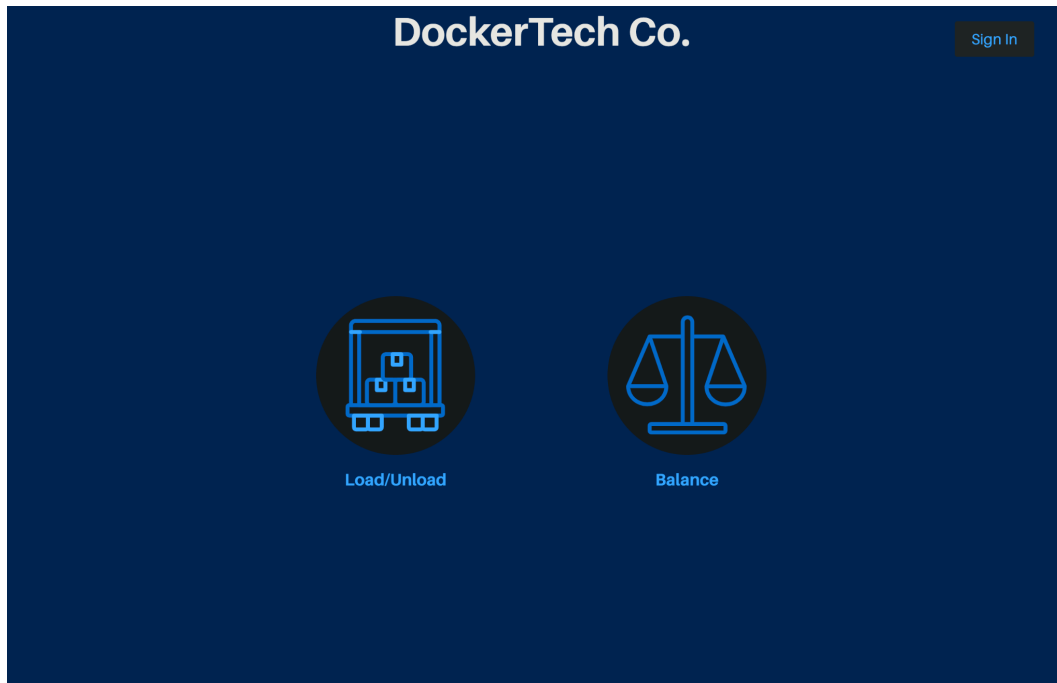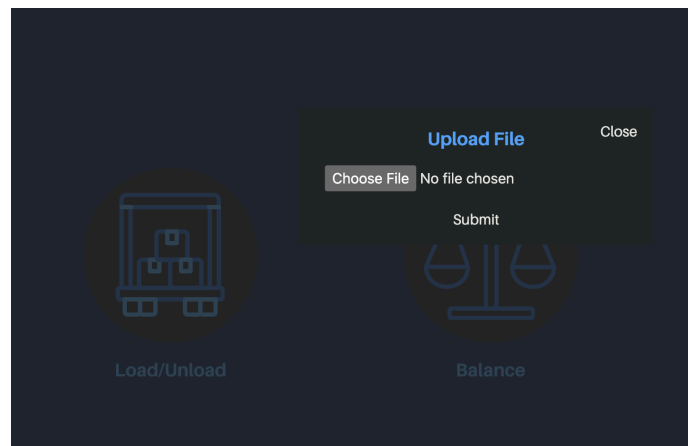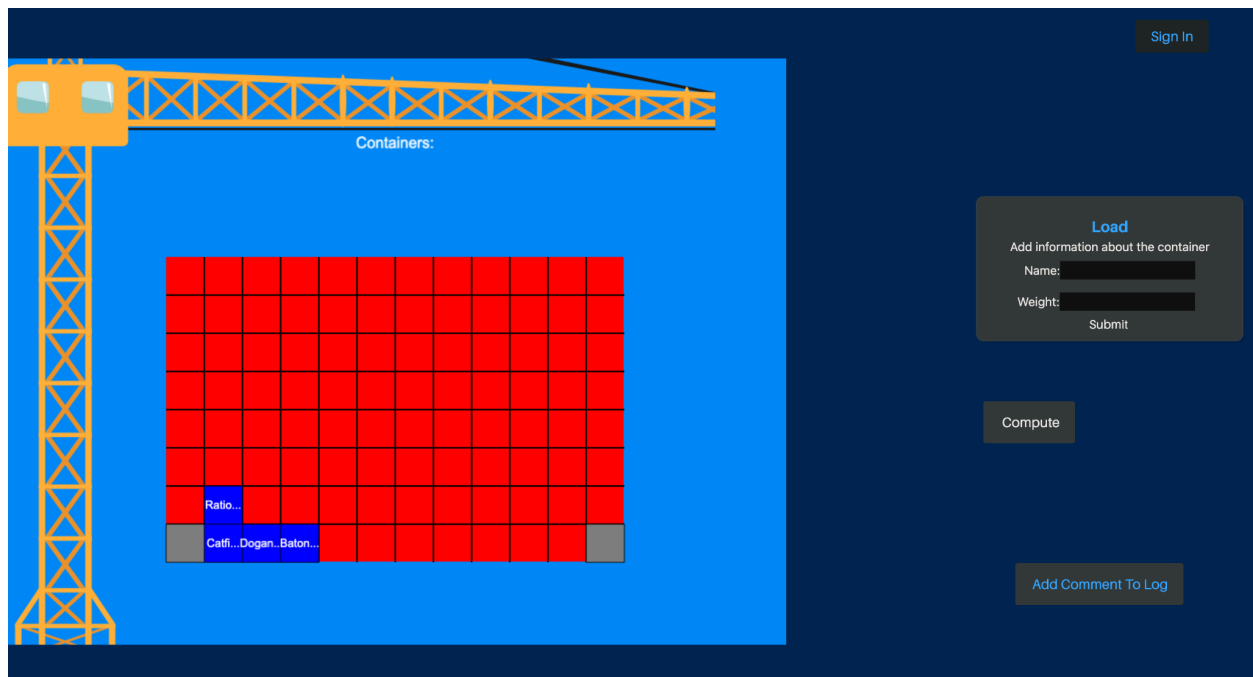# Training Documentation

Home Page

1. Operator will click on Sign In Button at the Top Right hand corner
2. Operator will enter name and click submit button
3. Operator is also presented with two options on the screen: Load/Unload and Balance
4. Operator can choose which option to be performed and a file upload box will appear as such:

5. Operator can click on the choose file button
6. When clicked, operator will have the file explorer open and they can select the name of the manifest then press submit

Load/Unload Page

1. If operator selected Load/Unload button from the home page a box with loading information will appear along with the ship grid with the corresponding containers in the locations specified by the manifest with their names (see reference photo below):
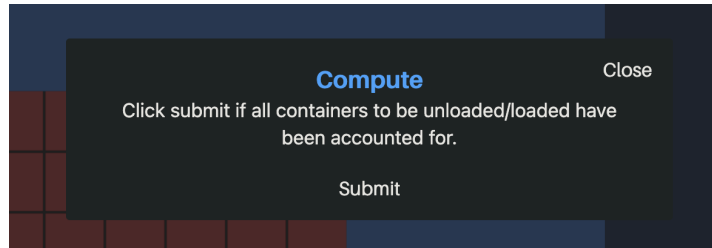

- Squares in red represent empty space
- Squares in blue represent containers
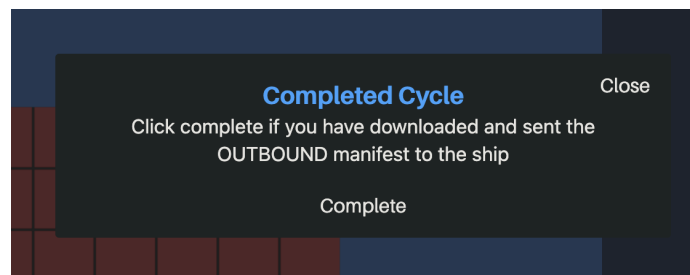- Squares in grey represent a blocked space on the ship

Unload Only
1. To choose what to Unload, operator will press on the blue container which causes the container to be highlighted a clear color to represent that it is selected to be unloaded
2. Clicking on the container again will remove the highlight and back to a solid

blue to represent it is no longer selected

3. Once operator determines that correct containers are selected, press the compute button located to the right of the ship grid and a pop up will ask operator to ensure everything is correct before submitting:

Compute   Close
Click submit if all containers to be unloaded/loaded have been accounted for.

Submit

4. There will then be an animation showing the path to take as well as some information about the process including the container position, time needed, and container name
5. Operator can press the next button after they are done processing a single container
6. Once all moves are complete, the updated manifest will be created to the local computer that is named "[original name of manifest] + OUTBOUND.txt"
7. After pressing completed cycle, you will see a text box asking to confirm that operator downloaded and sent the new manifest:

Completed Cycle   Close
Click complete if you have downloaded and sent the OUTBOUND manifest to the ship

Complete

8. Upon pressing complete, operator is navigated back to the home screen

Load Only

1. To choose what to load, operator will navigate to the text box directly to the right of the ship grid:

2. There, they can enter the name of the container and weight of the container and click submit which will then clear the text box and another container can be inputted

3. Be sure to not enter an invalid container name such as NAN or negative weight or an error message will show:

4. Once operator has entered all containers to be loaded, press the compute button located to the right of the ship grid and directions on loading the containers will be displayed on the grid along with time estimates - similar to unload only case

5. The updated manifest will be created to the local computer that is named "[original name of manifest] + OUTBOUND.txt"
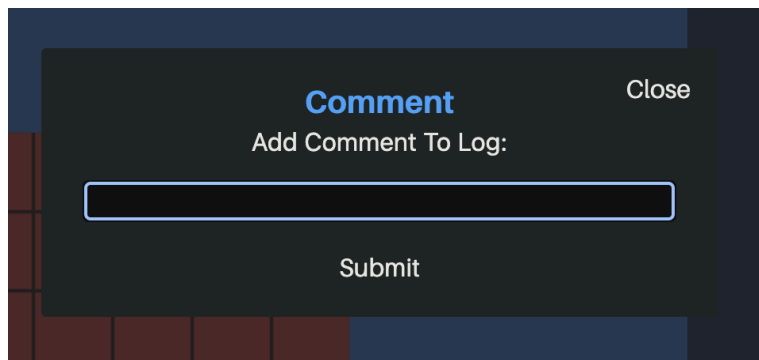
Unload and Load

1. To load and unload for a single manifest, a similar process to followed as each standalone operation

2. Operator can choose to enter container names and associated weights first

or select containers to be unloaded first - the order of input for load and unload does not matter

3. Follow the same steps from the previous Unload Only and Load Only sections for each respective operation but DO NOT press compute yet
4. Only after ALL containers to be unloaded or loaded are inputted should operator press send
5. After pressing send, directions on loading and unloading containers will be displayed on the grid along with time estimates and other information about the container
6. The updated manifest will be created to the local computer that is named "[original name of manifest] + OUTBOUND.txt"
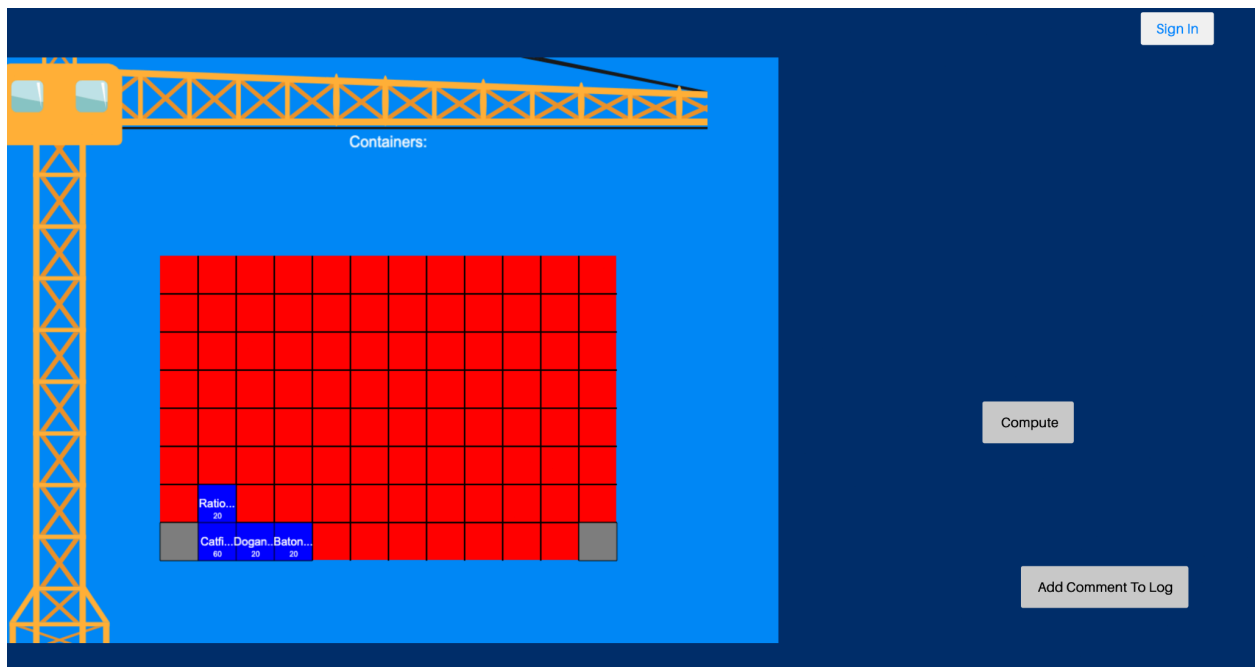
Writing to Log: At the bottom right corner of the screen, an option for the operator to comment to the log manually is present. Pressing on the box will open a text box where the operator can input their message and click submit once finalized. This can be accessed anytime during the operation.

Balance Page

1. If operator selected Balance button from the home page, the ship grid will appear with the corresponding containers in the locations specified by the manifest with their names see reference photo below:
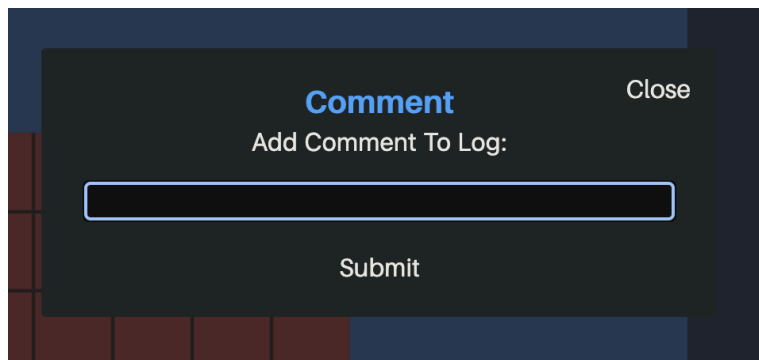

- Squares in red represent empty space
- Squares in blue represent containers
- Squares in grey represent a blocked space on the ship

2. Click compute to the right of the ship grid and a message will appear

indicating if a ship needs to be balanced or not

3. If the ship **does not** need balancing, press done and the updated manifest will be saved accordingly. The updated manifest will be created to the local computer that is named "[original name of manifest] + OUTBOUND.txt"

4. If the ship **does** need balancing, an animation will be displayed on the grid along with time estimates and other contain information on the right side of the screen

5. The updated manifest will be created to the local computer that is named "[original name of manifest] + OUTBOUND.txt"

6. Operator can click submit after following directions on "completed cycle" prompt and will be returned to the home page

Writing to Log: At the bottom right corner of the screen, an option for the operator to write to the log manually is present. Pressing on the box will open a text box where the operator can input their message and click submit once finalized. This can be accessed anytime during the operation.